

VOLUME C

Pricing Document R1

for

**Catalyst HQ , O'Brien Road ,
Carlow**



Private & Confidential

Project No. 2793

25th June 2026

ERDF Funding Acknowledgement

Catalyst HQ is co-funded by the Government of Ireland and the European Union through the ERDF Southern, Eastern & Midland Regional Programme 2021–2027.



Rialtas na hÉireann
Government of Ireland



Arna chomhchistiú ag
an Aontas Eorpach
Co-funded by the
European Union



Tionól Réigiúnach
an Deiscirt
Southern Regional
Assembly



**Enterprise
Ireland**



QUANTITY SURVEYING



CONSTRUCTION COST CONSULTANCY



PROJECT MANAGEMENT



PROJECT ADVISORY SERVICES

Document Control

Revision No.				
1.0	Summary of Changes			
	Originator:	LC	Approved:	JB
	Date:	25.06.2026	Date:	25.06.2026

Contents

Contents

1. Breakdown of Tender Sum..... 2

2. Schedule of Dayworks..... 8

3. Freedom Of Information Statement..... 10

4. Pricing Document 11

 A: Preliminaries A

 B: Building A..... B

 C: Building B..... C

 D: Building C..... D

 E: External Works..... E

Appendix A: Mechanical & Electrical Pricing Documents A

Appendix B: Tender Addendum (Pricing Document Breakdowns IF REQUIRED)..... B

1. Breakdown of Tender Sum

Volume C – Pricing Document R1

1. Breakdown of Tender Sum

	Amount (€)	Amount (€)
<u>Section A: Preliminaries & Insurances</u>		
(06) Preliminaries	€	
Total – (Preliminaries)		€ _____
<u>Section B: Building A</u>		
(19) Substructures	€	
(21) External Walls	€	
(22) Internal Walls, Partitions	€	
(23) Floors, Galleries	€	
(24) Stairs	€	
(27) Roofs	€	
(28) Frames	€	
(31) External Walls: Completions within Openings	€	
(32) Internal Walls, Partitions: Completions within Openings	€	
(33) Floors, Galleries, Completions	€	
(34) Stairs, Ramps: Completions	€	
(35) Suspended Ceilings	€	
(37) Roof: Completions	€	
(41) Wall Finishes Externally	€	
(42) Wall Finishes Internally	€	
Carried Forward	€	

Volume C – Pricing Document R1

1. Breakdown of Tender Sum (Cont'd)

	Amount (€)	Amount (€)
Brought Forward		€
(43) Floor Finishes	€	
(44) Stairs, Ramps: Finishes	€	
(45) Ceiling Finishes	€	
(47) Roof Finishes	€	
(52) Drainage & Refuse Disposal	€	
(59) Building Services (Mainly Piped and Ducted)	€	
(66) Lift Installations	€	
(69) Building Services (Mainly Electrical)	€	
(71) Display, Circulation Fittings	€	
(73) Culinary Fittings	€	
(74) Sanitary, Hygiene Fittings	€	
(79) Building Fittings & Furniture	€	
Tender Addendum (If Applicable)	€	
Total – (Building A)		€

Section C: Building B

(19) Substructures	€
(21) External Walls	€
(22) Internal Walls, Partitions	€
(27) Roofs	€
Carried Forward	€

Volume C – Pricing Document R1
1. Breakdown of Tender Sum (Cont'd)

	Amount (€)	Amount (€)
Brought Forward		€
(28) Frames	€	
(31) External Walls: Completions within Openings	€	
(32) Internal Walls, Partitions: Completions within Openings	€	
(35) Suspended Ceilings	€	
(37) Roof: Completions	€	
(41) Wall Finishes Externally	€	
(42) Wall Finishes Internally	€	
(43) Floor Finishes	€	
(47) Roof Finishes	€	
(52) Drainage & Refuse Disposal	€	
(59) Building Services (Mainly Piped and Ducted)	€	
(69) Building Services (Mainly Electrical)	€	
(71) Display, Circulation Fittings	€	
(73) Culinary Fittings	€	
(74) Sanitary, Hygiene Fittings	€	
(79) Building Fittings & Furniture	€	
Tender Addendum (If Applicable)	€ _____	
Total – (Building B)		€ _____
Carried Forward	€	

Volume C – Pricing Document R1

1. Breakdown of Tender Sum (Cont'd)

	Amount (€)	Amount (€)
Brought Forward		€
 <u>Section D: Building C</u>		
(19) Substructures	€	
(21) External Walls	€	
(22) Internal Walls, Partitions	€	
(27) Roofs	€	
(28) Frames	€	
(31) External Walls: Completions within Openings	€	
(32) Internal Walls, Partitions: Completions within Openings	€	
(35) Suspended Ceilings	€	
(37) Roof: Completions	€	
(41) Wall Finishes Externally	€	
(42) Wall Finishes Internally	€	
(43) Floor Finishes	€	
(47) Roof Finishes	€	
(52) Drainage & Refuse Disposal	€	
(59) Building Services (Mainly Piped and Ducted)	€	
(69) Building Services (Mainly Electrical)	€	
(71) Display, Circulation Fittings	€	
Carried Forward	€	

Volume C – Pricing Document R1

1. Breakdown of Tender Sum (Cont'd)

	Amount (€)	Amount (€)
Brought Forward		€
(73) Culinary Fittings	€	
(74) Sanitary, Hygiene Fittings	€	
(79) Building Fittings & Furniture	€	
Tender Addendum (If Applicable)	€ _____	
Total – (Building C)		€ _____

Section E: External Works

(10) Prepared Site	€	
(20) Site Structures	€	
(30) Site Enclosures	€	
(40) Roads, Paths, Pavings	€	
(50) Site Services (Mainly Piped and Ducted)	€	
(60) Site Services (Mainly Electrical)	€	
(70) Site Fittings	€	
Tender Addendum (If Applicable)	€ _____	
Total – (External Works)		€ _____

TOTAL – (Excluding Value Added Tax)

€

(Forward to Volume B - Form of Tender & Schedule)

=====

2. Schedule of Daywork Rates (NOT USED)

Volume C – Pricing Document R1

2. Schedule of Dayworks

NOT USED

3. Freedom of Information Statement

Volume C – Pricing Document R1

3. Freedom Of Information Statement

The “Freedom of Information” Clause located in the following Preliminaries section of this document require each Tenderer “to make a statement to the effect that information not identified as sensitive (in accordance with that clause) may be released in response to a request under the Freedom of Information Act”.

You are requested to make this Statement hereunder.

4. Pricing Document

Volume C – Pricing Document R1

4. Pricing Document

CONTRACTORS MUST NOTE THE FOLLOWING:

- Measurements and descriptions following are to be read in conjunction with the Works Requirement.
- The Contractor is deemed to have visited the site and familiarise themselves with all existing site conditions / features to ascertain the nature and extent of the work required for pricing purposes.
- The Contractor must note that this pricing document is provided as a guide only and contractors shall undertake their own measures to satisfy themselves as to the extent and accuracy – no extras will be entertained for variables in quantities.

A: Preliminaries

Pricing Document

Description	Qty	Unit	Rate	Total
			€	€
<u>(06) PRELIMINARIES</u>				
<u>GENERALLY</u>		head2		
The Contractor should note the following		head3		
<u>Notes</u>		head4		
Refer to Architect, Services, Civil & Structural Engineer's Drawings & Specifications for full details.		Note		
<u>PROJECT</u>		head3		
<u>Name</u>		head4		
Catalyst HQ , O'Brien Road , Carlow		noid		
<u>Nature of Project</u>		head4		
Construction of 3nr Buildings consisting of 1nr Office Block and 2nr Industrial Blocks including associated siteworks, carpark and yard enclosures.		noid		
<u>Location of Site</u>		head4		
The site is located on the O'Brien Road, Carlow adjacent the existing Enterprise House building & is as indicated on the site location plan.		noid		
<u>Description of Works</u>		head4		
The works consist of Construction of 3nr Buildings on a brown field site.		noid		
Securing site with appropriate hoarding. Demolition of existing reinforced concrete strip foundations, removal and disposal of excavated material off site, removal of trees, shrubs, vegetation and site boundaries.				
Design, installation and certification of vibro-stone columns to proposed 3nr buildings, construction of substructures and superstructures to 2 storey height office building and 2nr industrial buildings. Completion of all external and site developments works within and outside the site boundary.				
<u>Co-ordination of Client Direct Contractors</u>		head4		
Ref: 2793 PD 1/1 To Collection €:				

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(06) PRELIMINARIES (Continued)</u>					
A	The Contractor shall facilitate access and be responsible for the co-ordination and integration of Client Direct Contractors / Suppliers with the Contractors own works during the Contractors works programme (Direct Contractors / Suppliers to be appointed direct by South East Catalyst Innovation Company CLG T/a Catalyst HQ, further details to be advised); The Contractors shall coordinate and manage the work of the Client Direct Suppliers / Contractors as if they were the Contractors own sub-contractors / suppliers: Examples of Client Direct Suppliers / Contractors are set out below	1	Item		
B	Audio Video Installations	1	Item		
C	Curtains / Blinds	1	Item		
D	Loose Furniture & Equipment	1	Item		
E	Electric Vehicle Chargers	1	Item		
F	The Contractor shall be responsible for the Management, Co-ordination and Programming of Client Direct Contractors / Suppliers include Health and Safety. Examples of Client Direct Suppliers / Contractors include;	1	Item		
G	Audio Video Installations	1	Item		
H	Curtains / Blinds	1	Item		
J	Loose Furniture & Equipment	1	Item		
K	Electric Vehicle Chargers	1	Item		
L	The Contractor shall include for attendance on providing appropriate facilities for and other obligations to Client Direct Contractors and Suppliers as described above.	1	Item		
M	The Contractor will be required to liaise with all Client Direct Contractors and Suppliers to ensure the proper co-ordination, sequencing and quality of the works.	1	Item		
<u>PARTIES AND CONSULTANTS</u>			head3		
<u>Employer</u>			head4		
Ref: 2793		PD 1/2		To Collection €:	

Pricing Document

Description	Qty	Unit	Rate	Total
			€	€
<u>(06) PRELIMINARIES (Continued)</u>				
South East Catalyst Innovation Company CLG T/a Catalyst HQ		noid		
Enterprise House,		noid		
O'Brien Road,		noid		
Carlow		noid		
<u>Employer's Representative / Architect / Assigned Certifier /</u> <u>Design Certifier / Project Supervisor Design Process (PSDP)</u> <u>/ Fire / DAC</u>		head4		
Bluett & O'Donohue		noid		
No. 2 Johns Street		noid		
Co. Kilkenny		noid		
Contact: James O'Donoghue		noid		
<u>Civil & Structural Engineer</u>		head4		
Kilgallen & Partners Consulting Engineers		noid		
3 Danville Business Park,		noid		
Co. Kilkenny		noid		
<u>Building Services Engineer</u>		head4		
Ronan Meally Consulting Engineers		noid		
1 City Wall,		noid		
James Street,		noid		
Kilkenny		noid		
Co. Kilkenny		noid		
R95 XF97		noid		
<u>Quantity Surveyor / Project Manager</u>		head4		
Brennan Associates,		noid		
Grove House,		noid		
Athy Road,		noid		
Ref: 2793	PD 1/3	To Collection €:		

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(06) PRELIMINARIES (Continued)</u>					
<i>Carlow.</i>			noid		
<u>DESCRIPTION OF SITE</u>			head3		
<u>Boundaries</u>			head4		
A	the boundaries of the site are as indicated on the Architect's Site Layout Plan	1	Item		
B	the boundaries of the site are in close proximity to neighbouring business including a creche, the contractor shall ensure boundaries are adequately protected for privacy and security	1	Item		
<u>Access</u>			head4		
C	access to and from the site will be off the adjacent public road (O'Brien Road) as indicated in the Preliminary Health & Safety Plan	1	Item		
D	Contractor Responsibility around Adjacent Properties - Access to the site must be carefully monitored and controlled and maintained in a safe, sound and clean manner at all times. Temporary signage and construction direction signage and a traffic management plan must be put in place prior to works commencing and approved by Employer / Design Team / PSDP in advance of implementation. Timescale / Phasing / Sequencing of works will be required to ensure that the premises are accessible at all times (including access for emergency services). Levels of generated noise, dust, vibrations, debris onto public roadways to be minimized at all times. Cleaning of entrance and external road is required.	1	Item		
Ref: 2793		PD 1/4		To Collection €:	

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(06) PRELIMINARIES (Continued)</u>					
A	Construction Hoarding- Hoarding, to client's approval, is to be provided around site of works, to allow for safe construction and greater accessibility for works and to prevent unwanted / illegal access throughout duration of works. Ensure no trespass on areas outside the extent of the agreed works boundaries either by workers or materials - new or excavated, unless written permission is firstly obtained from client. Contractor to consider safety measures for hoarding due to area of severe weather and wind conditions. The Contractor shall include the design of hoarding under their temporary works. Mesh / herringbone fencing would not be adequate in this location.	1	Item		
B	Consideration to be given to road traffic as site is closed to N80 main junction.	1	Item		
C	Deliveries - Contractor should note access restrictions to the site and should factor same into delivery strategy particularly with regard to large material deliveries etc.	1	Item		
D	access is restricted in accordance with the "Restrictions on access to site" clause.	1	Item		
E	the Contractor shall note the proximity of the boundary walls and neighbouring business to the site with respect to access	1	Item		
F	provide for keeping the site roads and paths not occupied by the contractor free and safe for public / neighbouring users at all times; these areas must not be obstructed and must be kept clean and cleared. Where the public areas, roads and / or footpaths are used during the works, a traffic management plan must be prepared by the main contractor and agreed with and approved by the Local Authority or Employer's Representative as appropriate.	1	Item		
G	provide for performing the work in such a manner as to cause the minimum interference with the occupants and normal routine of adjoining occupiers during the execution of the work	1	Item		
Ref: 2793		PD 1/5		To Collection €:	

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(06) PRELIMINARIES (Continued)</u>					
A	allow for all costs associated with access to the site by the Contractor's workforce, employees, sub-contractors, suppliers etc. and others whom require access to the site; provide necessary safe routes for both pedestrian and vehicular traffic; include for all necessary adjustment and maintenance of these routes to ensure the safety of all; include all making good work to areas disturbed	1	Item		
B	the contractor shall confine his activities to the work included in the Contract and shall not allow his workforce to trespass onto other parts of the site or onto adjacent lands unless in direct execution of work included in this Contract. In the event of any claims arising due to failure to comply with this Clause, the Contractor shall be held entirely responsible and shall pay any costs in connection therewith.	1	Item		
C	access areas shall be cleaned and cleared on a daily basis	1	Item		
D	provide for performing the work in such a manner as to cause the minimum interference with the occupants and normal routine of adjoining occupiers during the execution of the work	1	Item		
E	the contractor should note that the adjoining retail park will remain operational and in-use for the full duration of the works.	1	Item		
F	The Contractor shall include for all temporary works necessary to provide access for materials, personnel, loads away including the protection / reinstatement of all finishes as may be necessary; any damage caused due to failure to comply with this clause shall be made good at the contractors expense	1	Item		
<u>Position of the Works</u>			head4		
G	the position of the works is as indicated on the Architect's Site Layout Plan	1	Item		
<u>Services on, under or over the site</u>					
Ref: 2793		PD 1/6		To Collection €:	

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(06) PRELIMINARIES (Continued)</u>					
A	the location of all existing site services can be determined by examination of existing plans and checking on site	1	Item		
B	allow for the implementation of a Protection and Contingency Plan for existing services are described in the "maintenance of existing services" clause	1	Item		
	<u>Site Visit & Site Survey</u>		head4		
C	It is imperative that all tenderers visit the site & carry out thorough surveys in order to determine a full understanding of the scope & nature of the work involved, the facilities of access thereto, the supply of labour and materials the district will afford and the general convenience of working. They shall be taken to have made themselves acquainted with the nature of the site, all existing buildings on or adjacent to the site and all other things insofar as they may have any connection with or affect the works. The Tenderer shall refer to "Visit Site - ALL SUBJECT TO COVID-19 RESTRICTIONS" Clause contained in this Preliminaries Document.	1	Item		
D	SURVEY: Before starting work, examine all available information, carry out a survey of the structure(s), site and surrounding area, and submit a survey report and method statements to the CA covering all relevant matters listed below and, in the health, and Safety Executive Guidance Note GS29/1 paragraph 32: - The form, condition and demolition methods of the structure(s). - The form, location and removal methods of any toxic or hazardous materials. - The type and location of adjoining or surrounding premises which may be adversely affected by noise, vibration, dust or removal of structure. - The identification and location of services above and below ground. - Type and location of any features of historical, archaeological or geological importance	1	Item		
Ref: 2793		PD 1/7		To Collection €:	

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(06) PRELIMINARIES (Continued)</u>					
A	the Contractor must take all the above matters into account when tendering and no claims for extras will be allowed in consequence of their failure to do this.	1	Item		
	<u>Existing & Adjacent Abutting Buildings and site</u>		head4		
B	The Contractor should note that nearby properties to the site will be in use for the duration of the contract and allow for any additional costs associated with restrictions / difficulties as a consequence of working alongside same. Restrictions on vibration, noise and dust levels will be imposed. Access to all properties must remain operational during all works.	1	Item		
	<u>Monitoring of existing structures</u>				
C	The works shall require monitoring to existing boundary structures and neighbouring buildings. The Contractor shall protect and ensure that no damage is occasioned during the demolition / construction / civil works by backfilling immediately to ensure walls are stable. The Contractor shall include for Monitoring of existing structures by a qualified engineer, with associated tell tales, and regular reporting during the works. Protection to the existing structures.	1	Item		
	<u>DRAWINGS AND OTHER DOCUMENTS</u>		head3		
	<u>Drawings from which Tender Documents are prepared</u>		head4		
D	the drawings used in the preparation of the tender documentation are as listed on the Drawing list included in the Tender documents	1	Item		
	<u>Location Drawings</u>		head4		
E	included in the above list	1	Item		
	<u>STANDARD CONDITIONS</u>		head3		
	Form of Contract		head4		
Ref: 2793		PD 1/8		To Collection €:	

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
A	<u>(06) PRELIMINARIES (Continued)</u>	1			
	the Form of Main Contract will be the Public Works Contract for Building Works Designed by the Employer as published on the Construction Procurement Reform website 10 days prior to the latest date for receipt of tenders (current reference - PW-CF1 v.2.10 - 16th June 2026)"		Item		
	a copy of this contract and its completed schedules are included with the tender documentation		Item		
	Schedule of Clause Headings		head3		
	<u>A schedule of clause headings of the Conditions is set out hereunder for pricing: the Contractor is referred to the full text of the undermentioned clauses of the Conditions of Contract and they are to allow here or in his prices for complying with them and for any costs arising thereunder.</u>		head4		
	1. THE CONTRACT		Item		
	1.1 Definitions		Item		
	1.2 Interpretation		Item		
	1.3 Inconsistencies		Item		
	1.4 Pricing Document and Works Proposals		Item		
	1.5 Performance Bond		Item		
	1.6 Reliance Documents		Item		
	1.7 Joint Ventures		Item		
	1.8 Assignment		Item		
	1.9 Miscellaneous		Item		
	1.10 Background Information		Item		
	2. THE LAW		Item		
	2.1 Law Governing the Contract		Item		
	2.2 Compliance with Legal Requirements		Item		
	2.3 Consents		Item		
	2.4 Project Supervisor		Item		

Pricing Document

Description	Qty	Unit	Rate	Total
			€	€
<u>(06) PRELIMINARIES (Continued)</u>				
2.5 Safety, Health and Welfare at Work Act 2005 and Safety, Health and Welfare at Work (Construction) Regulations 2013		Item		
2.6 Ethics in Public Office		Item		
2.7 Legal Opinion		Item		
2.8 Data Protection		Item		
3. LOSS, DAMAGE AND INJURY		Item		
3.1 Employer's Risks of Loss and Damage to the Works		Item		
3.2 Care of the Works		Item		
3.3 Insurance of the Works and Other Risk Items		Item		
3.4 Contractor's Indemnity		Item		
3.5 Employer's Indemnity		Item		
3.6 Public Liability and Employer's Liability Insurances		Item		
3.7 Professional Indemnity Insurance		Item		
3.8 Existing Facilities and Use or Occupation by Employer		Item		
3.9 General Requirements Concerning Insurance		Item		
3.10 Limitation of Liability		Item		
4. MANAGEMENT		Item		
4.1 Co-operation		Item		
4.2 Contractor's Representative and Supervisor		Item		
4.3 Employer's Representative		Item		
4.4 Employer's Representative's Communications		Item		
4.5 Instructions		Item		
4.6 Works Proposals		Item		
4.7 Required Contractor Submissions		Item		
4.8 Value Engineering		Item		
4.9 Programme		Item		
Ref: 2793	PD 1/10	To Collection €:		

Pricing Document

Description	Qty	Unit	Rate	Total
			€	€
<u>(06) PRELIMINARIES (Continued)</u>				
4.10 Progress Reports		Item		
4.11 Notice and Time for Employer's Obligations		Item		
4.12 Documents		Item		
4.13 Contractor's Management		Item		
4.14 Communications		Item		
4.15 Meetings		Item		
4.16 Confidentiality and Secrecy		Item		
4.17 Contractor's Things Not to Be Removed		Item		
4.18 Contractor's Documents		Item		
5. CONTRACTOR'S PERSONNEL		Item		
5.1 Contractor's Personnel to Carry Out Contractor's Obligations		Item		
5.2 Qualifications and Competence		Item		
5.3 Pay and Conditions of Employment		Item		
5.4 Subcontractors and Specialists		Item		
5.5 Collateral Warranties		Item		
5.6 Removal of Workers		Item		
5.7 Weekly Labour Records		Item		
5.8 Ancillary Certificates		Item		
6. PROPERTY		Item		
6.1 Ownership of Works Items		Item		
6.2 Infringement of Property Rights		Item		
6.3 Works Requirements		Item		
6.4 Rights in Contractor's Documents		Item		
7. THE SITE		Item		
7.1 Lands Made Available for the Works		Item		
Ref: 2793			PD 1/11	
			To Collection €:	

Pricing Document

Description	Qty	Unit	Rate	Total
			€	€
<u>(06) PRELIMINARIES (Continued)</u>				
7.2 Trespassers		Item		
7.3 Contractor Responsible for All Site Operations		Item		
7.4 Services for Employer's Facilities		Item		
7.5 Security and Safety of the Site and Nuisance		Item		
7.6 Other Contractors		Item		
7.7 Setting Out the Works		Item		
7.8 Archaeological Objects and Human Remains		Item		
7.9 Access and Facilities		Item		
7.10 Condition of Site on Completion		Item		
7.11 Working Times		Item		
8. QUALITY, TESTING AND DEFECTS		Item		
8.1 Standards of Workmanship and Works Items		Item		
8.2 Quality Assurance		Item		
8.3 Inspection		Item		
8.4 Tests		Item		
8.5 Defects		Item		
8.6 Defects Period		Item		
8.7 Defects Certificate		Item		
9. TIME AND COMPLETION		Item		
9.1 Starting Date		Item		
9.2 Suspension		Item		
9.3 Delay and Extension of Time		Item		
9.4 Programme Contingency		Item		
9.5 Omissions and Reduction of Time		Item		
9.6 Substantial Completion		Item		
9.7 Taking over part of the Works		Item		
Ref: 2793	PD 1/12	To Collection €:		

Pricing Document

Description	Qty	Unit	Rate	Total
			€	€
<u>(06) PRELIMINARIES (Continued)</u>				
9.8 Liquidated Damages		Item		
10. CLAIMS AND ADJUSTMENTS		Item		
10.1 Compensation Event		Item		
10.2 Contractor to Pay Employer's Cost of Checking Quantities		Item		
10.3 Contractor Claims		Item		
10.4 Proposed Instructions		Item		
10.5 Employer's Representative's Determination		Item		
10.6 Adjustments to the Contract Sum		Item		
10.7 Delay Cost		Item		
10.8 (Not used)		Item		
10.9 Employer's Claims		Item		
10.10 International Procurement Instrument Measures		Item		
11. PAYMENT		Item		
11.1 Interim Payment		Item		
11.2 Unfixed Works Items		Item		
11.3 Retention		Item		
11.4 Full Payment		Item		
11.5 Final Statement		Item		
11.6 Time for Payment and Interest		Item		
11.7 Value Added Tax		Item		
11.8 Withholding Tax		Item		
12. TERMINATION		Item		
12.1 Termination on Contractor Default		Item		
12.2 Consequences of Default Termination		Item		
12.3 Suspension by the Contractor		Item		
Ref: 2793	PD 1/13	To Collection €:		

Pricing Document

Description	Qty	Unit	Rate	Total
			€	€
<u>(06) PRELIMINARIES (Continued)</u>				
12.4 Termination by the Contractor		Item		
12.5 Termination at Employer's Election		Item		
12.6 Consequences of Termination by Contractor or at Employer's Election		Item		
12.7 Survival		Item		
12.8 Payment		Item		
12.9 Reference to Conciliation		Item		
13. DISPUTES		Item		
13.1 Dispute Management Procedure		Item		
13.2 Conciliation		Item		
13.3 Adjudication		Item		
13.4 Arbitration		Item		
13.5 Jurisdiction		Item		
13.6 Agent for Service		Item		
13.7 Continuing Obligations		Item		
COVID-19 MANDATORY CLOSURE		head4		
14.1 Covid-19 Definitions		Item		
14.2 Covid-19 General Provisions		Item		
14.3 Covid-19 Costs		Item		
PV1. PRICE VARIATION		head4		
15.1 Definitions		Item		
15.2 Contract Sum Adjustments		Item		
15.3 Proportions		Item		
15.4 Change in Law		Item		
15.5 Failure to Commence by the Start Date		Item		
15.6 Failure to Complete on Time		Item		
Ref: 2793	PD 1/14	To Collection €:		

Pricing Document

Description	Qty	Unit	Rate	Total
			€	€
<u>(06) PRELIMINARIES (Continued)</u>				
15.7 Excluded Amounts		Item		
15.8 Revisions to the Index Figures		Item		
15.9 Permitted Increases and Permitted Decreases for Material Categories and Fuel Categories		Item		
15.10 Adjustments for Labour		Item		
15.11 Efficiency		Item		
Appendices to Clause 15		Item		
Appendix 1 Definitions		Item		
Appendix 2 Permitted Increases and Permitted Decreases for Materials and Fuel		Item		
Appendix 3 Labour		Item		
<u>Schedule</u>		head4		
see Form of Tender and Schedule contained within Volume B of the Tender Documents		Item		
<u>Model Forms</u>		head4		
all model forms as published on the Public Procurement Website 10 days prior to the date for receipt of Tenders are deemed to be included in the Contract		Item		
<u>Substantial Completion Dates</u>		head4		
see Form of Tender and Schedule contained within Volume B of the Tender Documents		Item		
this date is subject to the Contractor's Health and Safety Project Supervisor (Construction Stage) deeming that the programme is a safe period		Item		
<u>CLARIFICATION OF CLAUSES</u>		head3		
<u>Refurbishment / Alterations Work - Asbestos</u>		head4		
Ref: 2793 PD 1/15 To Collection €:				

Pricing Document

Description	Qty	Unit	Rate	Total
			€	€
<u>(06) PRELIMINARIES (Continued)</u>				
Where the tender documents do not provide for the presence of Asbestos and the Contractor encounters any material suspected of containing Asbestos / Asbestos residues, work shall be immediately suspended in its vicinity and no other work shall be carried out which might expose either the Contractor's personnel or third parties to contact with the suspect material or of releasing it into the environment. The Employers Representative shall be informed for further direction. If any of the material has been disturbed, the area shall be sealed off and where necessary the advice of the Health and Safety Authority obtained on the treatment required for personnel who may have been in contact with the material. Work on asbestos containing materials shall be carried out in accordance with the appropriate legislation and regulations and with the instructions of the Health and Safety Authority		Item		
<u>Quality Procedure</u>		head4		
Where a Contractor operates a quality control system, the Contractor shall submit a quality plan for the project to the Employers Representative.		Item		
If the Contractor does not operate such a system the Contractor must comply with the following minimum requirements:-		Item		
a) Identify the personnel responsible for the project management, site management, safety, and for inspection and testing of the works and for the verification of such tests.		Item		
b) Ensure that an adequate document control procedure is in place for the project which will ensure that :-		Item		
i) An up to date drawing register is maintained to record details of all drawings relating to the project including revision status and circulation records		Item		
ii) All documents date stamped and referenced with the project details		Item		
Ref: 2793 PD 1/16 To Collection €:				

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(06) PRELIMINARIES (Continued)</u>					
	iii) Superseded drawings are marked "Superseded" and removed from use		Item		
	iv) All documentation is safely filed and easily retrievable.		Item		
	c) Have clear purchasing procedures which will document individual orders for all materials to be incorporated in the project. Such documentation or purchase order should incorporate the project number, date of order, date for deliver, the supplier's name, address and telephone number, description of materials ordered including conformity to international standards and / or references to drawings or specifications.		Item		
A	d) All deliveries to site must be checked by a designated person and materials not meeting specifications to be identified, segregated where practical and details of non-confirming product and the remedial action to be taken recorded.	1	Item		
B	e) Provide evidence to the Design Team if required of specialised training of site personnel.	1	Item		
C	f) Provide schedule of inspections and tests to the Design Team which lists the relevant tests, the persons responsible for carrying out the tests and the personnel responsible for verifying that the tests have been carried out in accordance with the relevant procedures..	1	Item		
D	g) Ensure that all change orders to the Contract are authorised by the Contract Administrator and recorded.	1	Item		
	<u>Programme</u>		head4		
E	The Contractor shall submit progress reports every 2 weeks for the duration of the Contract. The reports shall comprise the following as a minimum.	1	Item		
F	(a) detailed description of progress of the Works against the Contractor's current programme	1	Item		

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(06) PRELIMINARIES (Continued)</u>					
A	(b) Agreed Contract Programme in Gantt chart format incorporating progress of work shown against the approved work programme with detailed breakdown showing all relevant trades and the critical path	1	Item		
B	(c) Works completed since previous report	1	Item		
C	(d) '2 week look-ahead	1	Item		
D	(e) Labour, Plant, Sub-contract and material resources on site	1	Item		
E	(f) Progress photographs taken from relevant locations	1	Item		
F	(g) Requests for Information issued and current status	1	Item		
G	(h) Details if Site Inspection	1	Item		
H	(i) Details of samples submitted and status	1	Item		
J	(j) Details of Tests and status	1	Item		
K	(k) Details of Change Order Requests and status	1	Item		
L	(l) Health & Safety Updates	1	Item		
M	(m) Details of Submittal	1	Item		
<u>Materials and Workmanship</u>			head4		
N	where National or other Standards to which equipment or materials must comply are cited, goods meeting other authoritative standards which ensure an equal or higher quality than the standards mentioned may also be accepted	1	Item		
P	where reference is made in the Tender Documents to specific brand names, catalogue numbers or type of equipment or a specific manufacturer, offer of alternative equipment, articles or materials which have similar characteristics and provide equal performance and quality to those specified may also be considered; any substitutions which the Contractor proposes to make in this respect must be approved by the Employers Representative in writing before incorporation into the work	1	Item		
Ref: 2793		PD 1/18		To Collection €:	

Description	Qty	Unit	Rate	Total
			€	€
<u>(06) PRELIMINARIES (Continued)</u>				
any approval given by the Employer's Representative in this respect shall not relieve the Contractor from his responsibility for the performance and quality of his proposed substitutions.	1	Item		
materials, goods and workmanship are to be of the best quality of their respective kinds and those for which there is an Irish or British Standard or Eurocode or Code of Practice are to comply therewith unless otherwise stated. The Employer's Representative shall be the sole judge as to the fulfilment of these requirements.	1	Item		
<u>Unfixed Materials</u>		head4		
all materials shall be carefully stacked and kept neatly and tidily in a position to be pointed out to the Contractor; all sheds shall be placed in positions agreed with the Employers Representative	1	Item		
the contractor shall disclose to the Employers Representative, at the time of each valuation, which of the unfixed materials and goods on site are vested in the employer	1	Item		
<u>Sub-Letting</u>		head4		
the Main Contractor must not assign or sub-let any part of the work to others without the written consent of the Employers Representative; this rule is to be strictly observed on this Contract	1	Item		
consent must be applied for, in writing, with full particulars, to allow adequate time for enquiries to be made, and to complete preparations, depending on the decisions of the Employers Representative, before construction works start	1	Item		
<u>Value Added Tax</u>		head4		

Ref: 2793

PD 1/19

To Collection €:

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(06) PRELIMINARIES (Continued)</u>					
A	the amount of VAT to be included in the final adjustment of the Contract Sum shall be calculated at the rate(s) as may be properly decided by the Revenue Commissioners under the power vested in them by Value Added Tax Act 1972, but shall exclude any overpayment's made or penalties incurred under the Act by the Contractor	1	Item		
B	pursuant to the new VAT Regulations that have come into effect from 1st September 2008, whereby the Employer as 'Principal Contractor pays the VAT liability directly to the Revenue Commissioners	1	Item		
<u>Variations and Change Orders</u>			head4		
C	all change orders and variations orders shall be issued by the Employers Representative only; no payment will be made to the Contractor in respect of work for which an instruction is issued by any person other than the Employers Representative	1	Item		
<u>BUILDING CONTROL (AMENDMENT) REGULATIONS 2014</u>			head3		
<u>Contractors Obligations</u>			head4		
D	The Contractor will be required to comply with all provisions of the Building Control (Amendment) Regulations 2014. Specific attention is drawn to the fact that the Contractor will have to cooperate fully with the Assigned Certifier for the purposes of the Building Control (Amendment) Regulations 2014	1	Item		
E	Provide for complying with the Building Control Amendment Regulation, including provision of a signed Certificate of Compliance on completion and provision of Ancillary Design and Completion Certificates including but not limited to the following items(Note: the following list is not exhaustive):	1	Item		
F	Provide for any necessary additions / amendments of the Inspection Plan, based on the Contractor's Schedule of Works, acknowledging that this is subject to the final agreement of the Assigned Certifier	1	Item		

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(06) PRELIMINARIES (Continued)</u>					
A	Provide for the programme and tender to take appropriate account of the Inspection Plan and any requests that might reasonably be required to be made in conjunction with the Inspection Plan	1	Item		
B	Provide for the programme and tender to take account of the Inspection Notification Framework, developed from the Inspection Plan	1	Item		
	<u>Construction Contracts Act</u>		head4		
C	The Construction Contracts Act came into effect in 2016. Any construction contracts entered into after this date will be affected by the provisions of the Act. In general the provisions of the Act cater for Payment, Suspension and Dispute Resolution clauses.	1	Item		
D	Payment - The Act requires that all construction contracts, as defined under the Act, shall provide for the amount of interim payment and the amount of final payment or an adequate mechanism for determining those amounts. The Act also requires that all construction contracts, as defined under the Act, shall provide for a payment claim date or an adequate mechanism for establishing the date for each amount due, and the period between payment claim date and the date the payment is due.	1	Item		
E	Suspension - The Act confers on the executing party under all construction contracts, as defined by the Act, the right of suspension for failure by the other party to pay an amount due in full by the date on which the amount is due. In addition the executing party is conferred with the right to suspend for failure of the other party to pay, in full, an amount due pursuant to the decision of an Adjudicator	1	Item		
F	Adjudication - A party to a construction Contract, as defined under the Act, has the right to refer for adjudication any dispute relating to payment arising under the construction contract	1	Item		
	<u>BER Certificate</u>				
Ref: 2793		PD 1/21		To Collection €:	

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(06) PRELIMINARIES (Continued)</u>					
A	Allow for provision of all specifications and technical data to enable completion of the BER certification process	1	Item		
B	complying in all respects with the Contractors obligations under the Building Control (Amendment) Regulations 2014; compile & submit commencement forms and statutory documentation as required; keeping, maintaining & providing all records; coordination of the Inspection Plan & Framework with the Assigned Certifier; etc.	1	Item		
C	the contractor shall include for complying in all respects with the inspection plan as issued with the Tender Documents	1	Item		
<u>CONTRACTOR'S LIABILITY</u>			head3		
<u>Risk of Injury to Persons and Property and Insurance</u>			head4		
D	the requirements for insurance for damage to persons and to property are set out in Condition 3 of the contract	1	Item		
<u>Risk of Damage to the Works and Insurance</u>			head4		
E	the requirements for insurance for damage to the Works are set out in the Schedule in Volume B	1	Item		
<u>OBLIGATIONS AND RESTRICTIONS IMPOSED BY THE EMPLOYER</u>			head3		
<u>Visit Site - ALL SUBJECT TO COVID-19 RESTRICTIONS</u>			head4		
F	Site visits should be requested in writing to the Employer's contact identified in the Instructions to Tenderers; Tenderer's are advised to visit the site and ascertain the facilities and access thereto, the supply of labour and materials the district will afford and the general convenience of working. They shall be taken to have made themselves acquainted with the nature of the site, all existing building on or adjacent to the site and all other things insofar as they may have any connection with or affect the works	1	Item		
G	the Contractor must take all the above matters into account when tendering and no claims for extras will be allowed in consequence of their failure to do this.	1	Item		

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(06) PRELIMINARIES (Continued)</u>					
A	Contractors shall contact the Employer's Contact Person to arrange for site visit. Requests for Site Visit Access shall be submitted by email. The Tenderers shall provide an email address and contact number of the personnel attending and in turn a link will be issued to a Questionnaire (to be completed by the Tenderer). Subject to approval of questionnaire responses - a Site Visit permission will be granted and the Tenderer will be advised of an appropriate date and time. Campus security will supervise all site visits.	1	Item		
<u>COVID 19</u>					
B	Work Safely Protocol (the "Protocol"), published jointly by the Health and Safety Authority (HSA), the Department of Enterprise, Trade and Employment (DETE), the Health Services Executive (HSE) and the Department of Health in consultation with the Labour Employer Economic Forum (30th December 2020).	1	Item		
C	The Contractor shall fully consider the effects of the Covid-19 pandemic when tendering. The Contractor and PSCS must ensure all procedures on site adhere to Health & Safety at Work Regulations, HSE Guidelines and any other Government Guidance relating to Covid-19. Tenderers should fully consider the "Safety Operational Procedures (SOPs)" issued by the Construction Industry Federation and in line with guidelines and requirements of the HSA. Tenderers should also fully consider the "COVID-19 Workplace Protection and Improvement Guide" published by NSAI. All associated costs shall be included in the tender price.	1	Item		
D	The Contractor is required to execute the works in full compliance with the latest version of the Construction Industry Federation Construction Sector C-19 Pandemic Standard Operating Procedures and subsequent updates, notes and clarifications. The Contractors tender is deemed to include for any and all costs associated with their duties and obligations under the works requirements in this regard.	1	Item		
Ref: 2793		PD 1/23		To Collection €:	

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(06) PRELIMINARIES (Continued)</u>					
A	The contractor shall refer to the Preliminary Health and Safety Plan and include for all costs for complying with same.	1	Item		
B	The contractor shall include for all costs associated with Covid-19 and the following requirements:	1	Item		
C	The contractor shall include in the tender all costs for compliance with HSE, CIF, HSA and NSAI guidelines relating to the COVID-19 (Corona Virus) Pandemic	1	Item		
D	(i) Augmenting site infrastructure and welfare facilities such as toilets, canteen, isolation spaces, and access, egress and circulation routes to meet the standards set out in the Protocol.	1	Item		
E	(ii) Cleaning to the standard required in the Protocol.	1	Item		
F	(iii) Covid-19 supervisor role(s) as necessary to meet the requirements of the Protocol.	1	Item		
G	(iv) Covid-19 Personal Protective Equipment (PPE) to meet the requirements of the Protocol.	1	Item		
H	(v) Social distancing to meet the requirements of the Protocol.	1	Item		
J	While it is expected that realistic prices will be included against preliminary items based on (i) to (v) above, the Contract Sum will be deemed to include for the implementation of all measures - including hygiene, access management, materials procurement and delivery, work sequencing and work practices - required to construct the work safely and to minimise the risk of disease contagion for the Contractor's Personnel, the Employer's Representative, Employer's Personnel and third parties visiting the site.	1	Item		
Ref: 2793		PD 1/24		To Collection €:	

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(06) PRELIMINARIES (Continued)</u>					
A	Each of the preliminary items (i) to (v) above should be priced individually. The successful Tenderer may be required to provide additional background information in relation to these items to the Contracting Authority during the tender evaluation and during the course of the project. If in the opinion of the Contracting Authority the tendered prices do not reflect a fair allocation of the tendered Contract Sum, the Contracting Authority may seek to rebalance the tender as per the ITT (Instructions to Tender).	1	Item		
B	should there be a reason to impose greater restrictions on movement to combat any significant increases in the spread of the virus to the extent that construction activities cease in the manner imposed between 28 March 2020 and 18 May 2020 and subsequently between 8th January 2021 and 12th April 2021, the contractor is entitled to an extension of time in accordance with the form of tender and schedule, part 1K (15) but no financial recompense. In certain instances, Ex-gratia payments were introduced to cover the periods detailed above. The introduction of any further Ex Gratia payments will be based on directives issued by the OGP.	1	Item		
C	As the project involves alterations to an existing live facility, additional precautions will be required in relation to Covid-19 to ensure the safety of all personnel (e.g. if access is shared between the facilities personnel and Contractor's personnel, if Contractor's personnel are required to enter the occupied area, either internally or externally, for particular tasks, or if Contractor's personnel have to undertake works in the facility outside of normal operating hours). Such precautions would involve, at a minimum, maintaining social distancing between Contractor's personnel and all other personnel, wearing of appropriate PPE and sanitising any work areas in the facility on a daily basis in preparation for the facilities activities on the following morning.	1	Item		
Ref: 2793		PD 1/25		To Collection €:	

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(06) PRELIMINARIES (Continued)</u>					
A	Covid 19 Site Manager - Tenderers shall include for appointing a suitably trained and resourced Covid -19 Site Manager to undertake specific training of operatives, monitor compliance of Covid-19 protocols on site, ensure timely and adequate procurement so that all PPE & hygiene supplies are available on-site at all times, cleaning, reporting to the PSCS and maintaining daily records. The role of the Covid-19 Site Manager may be extended to arrange medical screening / testing of operatives with suspicious symptoms and for initiating the Contractor's Covid-19 protocols for such eventuality. Covid 19 Site Manager must have HSA Certification from online "Lead Worker Representative" training.	1	Item		
B	The Covid-19 Site Manager is to monitor and enforce corrective action as appropriate, any non-compliance of personnel on site, to include the wearing of full PPE including masks, observing Social Distancing, hand hygiene and gloves, sanitising of tools where required	1	Item		
C	Covid -19 Compliance Officer - Include for appointing a suitably trained and resourced Covid -19 Compliance Officer who should be a senior person with authority to issue instructions and to all personnel on the site. The Covid-19 Compliance Officer must be easily recognisable on site. Covid 19 Compliance Officer must have HSA Certification from online "Lead Worker Representative" training.	1	Item		
D	First Aid personnel on site shall firstly protect themselves by strict use of PPE and their training for contagious diseases especially airborne bacteria / viruses. In a case where First Aid personnel is infected, emergency services should be advised of situation prior to arrival and arrive with necessary PPE and equipment to deal with emergency.	1	Item		
Ref: 2793		PD 1/26		To Collection €:	

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(06) PRELIMINARIES (Continued)</u>					
A	Access to the site - personnel should have HSA Certification from online 'Work Safely Induction' and should have CIF Self Declaration Form. All personnel entering the site shall undertake a Covid-19 induction for the site, temperature to be taken, all personnel shall be instructed "not to arrive to the Site if they or any person they have been in contact with currently has or is demonstrating any symptoms of Covid-19, which may include but is not limited to: (a) cold or flu type symptoms, (b) lack of ability to taste or smell, (c) has a cough, (d) has sneezing, (e) shortness of breath or (f) high body temperature or fever. If any Covid-19 is suspected Contact Tracing procedure should be instigated, personnel instructed to sanitise on entry to site, personnel to wear appropriate PPE on arrival, including drivers visiting or delivering to site and personnel to be restricted to the site and carparking area for the duration of the working day while on site, arrangements for travel and carparking arrangements advised for personnel, social distancing and PPE appropriate usage and disposal (not shared use is not permissible), toolbox talks to facilitate procedures, appropriate training in PPE use attire as necessary, to arrange staggered breaks for personnel, additional canteen facilities to enable social distancing to suit site and personnel. The site supervision shall maintain a work zone plan indicating the layout on site for proposed task / location of sub-contractors to aid social distancing	1	Item		
B	Site visits by the Client, Design Team, Building Control or any 3rd Party personnel shall be pre-arranged to facilitate procedures for safe practice guidelines, self-declaration, social distancing, hygiene, wearing of PPE etc.	1	Item		
C	All tasks and locations shall be discussed, reviewed and agreed with the "Covid-19 Compliance Officer" and where any potentially high risk situation where this "standard of Procedure" cannot be fully implemented, a "Safe Plan of Action" or a "Safe System of Work Plan" shall be produced and agreed by all of the operatives prior to commencement of the tasks	1	Item		

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(06) PRELIMINARIES (Continued)</u>					
A	Enhanced hygiene work practices with appropriate welfare facilities shall be provided. These would be but are not limited to (a) additional toilet facilities to be provided to enable social distancing; hand sanitiser soap, hot and cold running water, disposable towels, (b) additional cleaning regimes required at key phases of the Works and where enhanced or deep cleaning may be required before hand over of equipment. Hand washing stations with hand sanitisers and disposable towels appropriate to the nature of Works and personnel on site operation of the Works and Monitoring is to include (a) safe access to and egress from and circulation of the site, (b) programme Works for adequate time and resourcing to permit a safe working environment, (c) in the event of an operative reporting sick with "Covid-19" symptoms, this should be considered as a "Reportable Incident", testing instigated and self-isolation of the operative, (d) pending test results, implement that close contacts on-site should also self-isolate and (e) a cleaning regime of appropriate areas of the site should be undertaken immediately. The foregoing is subject to current best practice recommendations and may be superseded by more stringent measures.	1	Item		
B	Operation of the Works and Monitoring is also to include (a) the management of machinery and tools to prevent cross contamination and is to include safe access and locking up of same and (b) adequate separation from the public	1	Item		
Ref: 2793		PD 1/28		To Collection €:	

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(06) PRELIMINARIES (Continued)</u>					
A	Operation of the Works and Monitoring is also to include arrangements should be set out for programmed active and reactive monitoring, risk review for upcoming stages of works to achieve compliance with Statutory Requirements and the Procedures set out in the "Safety & Health Plan. This may be achieved by regular planned checks and carrying out investigations of incidents (whether causing injury, loss or near miss) and complaints. It may involve cooperation and regular meetings between senior management and those who provide safety and health advice to them. Risk assessment procedures for tasks for Scope of Works to be undertaken	1	Item		
B	The contractor is to note the Contract Period stated in the Schedule attached to the Form of Tender; this Construction Period has been assessed for the works programme taking account of Covid-19 conditions; the contractor is to assess the programme time and is to include and allow for the additional costs for the additional time assessed by the contractor for completing the Works taking into account the additional site critical path time requirements for carrying out the Works and taking account of "Covid-19" operating procedures; this additional time will need to be stated in the Tender Submission so that the Completion Date taking account of "Covid-19" can be reviewed.	1	Item		
C	Allow for all costs in procuring hand sanitisers, face masks, temperature monitors, face protection masks etc and all items for the Health & Safety of the Workforce Personnel on-site; ensure that sufficient safety protection equipment is available at all times on site	1	Item		
D	The Contractor shall allow for all costs associated with the implementation of protocols contained in the Government of Ireland Publication "Good Practice Guidance for Continuing to Prevent the Spread of Covid 19"	1	Item		
<u>Restrictions on Access to Site</u>			head4		
E	access to the site is described above in the "Access" clause	1	Item		

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(06) PRELIMINARIES (Continued)</u>					
A	contractor's vehicles, operatives, supervisors and visitors will enter and leave the site at designated locations only; disciplinary action may be taken against any person found entering or leaving (or attempting to enter or leave) the site other than by the designated gates or entrances; if the Contractor uses a gate or gates to gain access or egress from the site, the Contractor shall be responsible for securing such gate or gates at all times throughout the Contract period	1	Item		
B	access to the site will be prohibited outside normal working hours (i.e. 7.15am to 18.45pm Monday to Friday, and 7.15am to 13.30pm on Saturdays). No Works are allowed on Sundays and Public Holidays. Any works required outside of these hours must be requested and approved in writing by the Employer.	1	Item		
C	the Contractor shall take particular care to avoid damage to roads, footpaths, grass margins and other surfaces outside of the authorised site and shall be liable for the cost of repairing, to the satisfaction of the Employers Representative, the Local Authority and/or the owner, all such damage caused by his operations. He shall take precautions to prevent spillage of diesel fuel or solvents. The Contractor shall also prohibit the use of tracked plant on road surfaces outside of the site unless suitably approved protective measures are taken to safeguard the integrity of the road surfaces. Pumping of water onto a public road or private property shall not be permitted. Where heavy discharges to gullies and storm drains may occur silt traps shall be incorporated in the temporary discharge arrangement. Any damage so caused shall be made good by the Contractor at his own expense.	1	Item		
D	the existing site access roads & public road must be kept clean at all times during the course of the works; it is the Contractors responsibility to ensure that site debris is not tracked out onto such roads	1	Item		
E	<i>Note:</i>	1	Item		

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(06) PRELIMINARIES (Continued)</u>					
A	(a) means of access shall be agreed between the Client, the Design Team & the Contractor on site	1	Item		
B	(b) the Contractor must ensure the safety of all staff, visitors, etc. during the works	1	Item		
	<u>Restrictions on Access to the Site</u>		head4		
C	The Contractor should note that the adjoining properties to the site will be in use for the duration of the contract and allow for any additional costs associated with restrictions / difficulties as a consequence of working alongside same. Restrictions on vibration, noise and dust levels will be imposed. Access to all properties must remain operational during all works.	1	Item		
D	all fire escape must be maintained and operational throughout the duration of the contract	1	Item		
	<u>Safety of Site Operation</u>		head4		
E	the Contractor will be wholly responsible for the adequacy, stability and safety of all site operations and methods of construction arising out of or by reason of the Contract. The Contractor shall allow for complying in full with all legislative enactments in particular all Safety, Health and Welfare at Work Acts and Regulations	1	Item		
F	the Contractor shall include here for all costs in complying with Clause 2.4 "Project Supervisor" of the Contract. The Contractor will be wholly responsible for the adequacy, stability and safety of all site operations and methods of construction arising out of or by reason of the Contract. The Contractor shall allow for complying in full with all legislative enactments in particular all Safety, Health and Welfare at Work Acts and Regulations	1	Item		
Ref: 2793		PD 1/31		To Collection €:	

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(06) PRELIMINARIES (Continued)</u>					
A	The Contractor shall be appointed by the Employer under a Collateral Agreement (Model Form MF 1.10) to the Main Contract as Project Supervisor for the Construction Stage in respect of the Project pursuant Safety Health and Welfare at Work (Construction) Regulations 2006. The Contractor shall include all costs for the provision of the services of Project Supervisor for the Construction Stage pursuant to Regulations 6 and 7 of the Regulations.	1	Item		
	<u>Archaeology</u>		head4		
B	The Contractor shall include for all groundwork's, soil stripping works to be supervised by an appointed Archaeologist.	1	item		
C	Detailed daily records including photographs are to be kept of the works at all stages by the Contractor	1	item		
D	Excavations/groundwork's are to take place to the uppermost archaeological horizons only, where they survive. Where archaeological features/deposits are revealed works shall stop pending further advice from the Department.	1	item		
E	Section excavation through features to establish their nature and/or extent shall only take place where an Archaeological licence is in place and this is agreed in advance with the Licensing Section of the National Monuments Service.	1	item		
	<u>Building Control (Amendment) Regulations 2014</u>		head4		
F	the Contractor shall include for complying with all requirements under the Building Control (Amendment) Regulations 2014	1	Item		
G	The contractor (Builder), subcontractors, specialists and suppliers with or without design input must include for completing all the following:	1	Item		

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(06) PRELIMINARIES (Continued)</u>					
A	The Contractor must provide under the contract for undertaking all actions necessary to comply with its statutory obligations as "The Builder" under the Building Control (Amendment) Regulations S.I.9 of 2014. These obligations are outlined in detail in the Building Control legislation and in the Code of Practice for Inspecting and Certifying Buildings and Works issued by the Department of Environment, Community and Local Government.	1	Item		
B	In that context, the Builder must provide for carrying out the additional duties required by i3PT Certification as set out in the Building Control Compliance Specification which is included with the preliminary tender documentation for this project.	1	Item		
C	The Builder must also ensure that these provisions are contractually binding on sub-contractors and suppliers who are vendors of construction services or materials for the Building or Works.	1	Item		
D	Where the Builder procures the services of personnel / companies to complete certain aspects of the works, they must obtain and maintain documentation that demonstrates the competence of that person / company for those aspects of the work and provide this information to the Assigned Certifier.	1	Item		
E	The Builder must provide for cooperating with the Assigned Certifier and to provide to them all documents requested in a timely manner.	1	Item		
F	The Builder must provide for cooperating with the Assigned Certifier and to comply fully with the inspection plan in order to demonstrate compliance with the Building Regulations, the Building Control Regulations S.I.9 of 2014 and its associated Code of Practice for Inspection and Certifying Building Works, in order to provide a Certificate of Compliance on Completion for the Building or Works to the Building Owner. This includes, but is not limited to:	1	Item		
Ref: 2793		PD 1/33		To Collection €:	

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(06) PRELIMINARIES (Continued)</u>					
A	a. Accepting from the Building Owner an assignment to build and supervise the Building Works outlined in the Commencement Notice;	1	Item		
B	b. Signing an undertaking to constructively cooperate with the Assigned Certifier and sign a Certificate of Compliance on Completion;	1	Item		
C	c. Taking note of the statutory timescales involved in completing a Commencement Notice and allow for this in its programme for the works;	1	Item		
D	d. Co-ordinating the works of specialists, subcontractors and designers for which they are responsible and ensuring that Ancillary Certificates of Compliance are provided from the parties set out in the Preliminary Inspection Plan;	1	Item		
E	e. Taking note of the statutory timescales involved in registering the Certificate of Compliance on Completion and allowing for this in the completion programme;	1	Item		
F	f. Cooperating with the Assigned Certifier and other inspecting parties in carrying out the necessary, benchmarks, tests, materials certification and inspections of the work as envisaged in the Preliminary Inspection Plan included in the contract documents, or as it is subsequently developed during the course of the project;	1	Item		
G	g. Programming of the construction works in such a way as to allow for adequate timescale for inspection by relevant parties, in line with the Preliminary Inspection Plan included in the contract documents, or as it is subsequently developed during the course of the project and with any notification periods set out within the inspection plan or elsewhere in the contract documentation;	1	Item		
H	h. Agree with the Assigned Certifier and other parties, any phasing of the works to ensure that the works can be certified in line with the planned phasing;	1	Item		
Ref: 2793		PD 1/34		To Collection €:	

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(06) PRELIMINARIES (Continued)</u>					
A	i. Promptly close out and provide adequate evidence of close out, of any issues identified by any party during inspection, via the i3PT CertCentral© database;	1	Item		
B	j. To respond to any queries raised by the Assigned Certifier or any other inspecting party via the i3PT CertCentral© database;	1	Item		
C	k. Uploading all documented records of benchmarks, tests, materials certification and completed inspections of works and any other evidence of compliance with building regulations to the i3PT CertCentral© database;	1	Item		
D	l. The Builder must provide i3PT Certification personnel with suitable access equipment to inspect works as required and in accordance with construction health & safety welfare regulations;	1	Item		
E	m. Where required, i3PT will provide training on the use of the i3PT CertCentral© database;	1	Item		
F	Evidence of satisfactory completion and recording of the inspections of completed works will be taken as material to the validation of Interim Measurement and Valuations under the contract. The i3PT Assigned Certifier may make a recommendation to withhold works from inclusion in Interim Valuations if in their opinion there is unsatisfactory inspection & supervision records present on the CertCentral database.	1	Item		
G	Prior to completion, it is a pre-requisite of certification of the building or relevant works by i3PT, that the inspection plan for the relevant works has been implemented, and that there are no outstanding issues and/or queries and that all necessary documentation necessary for the certification of the works are provided to the i3PT CertCentral© database.	1	Item		
	<u>Site Supervision</u>		head4		
H	the Contractor shall ensure that there are at all times on the site sufficient suitably qualified and experienced staff to supervise all work carried out by the Contractor and to advise and assist the employer in taking possession of the works	1	Item		

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(06) PRELIMINARIES (Continued)</u>					
<u>SAFEPASS' Accreditation</u>					
A	the Contractor shall provide for the operation of the requirements of the construction industry's safety accreditation scheme, known as the 'Safepass' scheme. Employees engaged on the site must be provided with the opportunity, to undertake an appropriate FAS approved training course and to achieve accreditation	1	head4 Item		
<u>Construction Skills Certificate Scheme's</u>					
B	the Contractor shall provide for the operation of the requirements of the 'Construction Skills Certificate Scheme's	1	head4 Item		
<u>Services Coordinator</u>					
C	The co-ordination of the mechanical installations and electrical installations shall be the responsibility of the Main Contractor as they shall appoint a dedicated M&E Co-Coordinator for the mechanical installations and electrical installations on site.	1	head4 Item		
D	the Contractor will be required to employ, and dedicate to the project, a suitably qualified person whose duties will be to co-ordinate both internally and externally the design of the mechanical, electrical, fire protection and related services, and their relationship to, and integration with the building design. To this end it will be part of his duties to liaise with all parties concerned, on both the design and contracting side to ensure a satisfactory resolution of any problems regarding the integration of services into the building. The Contractor shall notify the Employers Representative of the name of the person so appointed and his normal place of work	1	Item		
Ref: 2793		PD 1/36		To Collection €:	

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(06) PRELIMINARIES (Continued)</u>					
A	The M&E Co-ordinator shall allow for the following (non-exhaustive list): • Oversee the installation of the M&E installations for the duration of the projects. • Detailed co-ordination of the M&E installations. • Completing co-ordination drawings for the M&E Contractors on site. • Ensuring that the M&E installations are completed and installed in compliance with design documents and current regulations. • Programming of the M&E installations with the M&E Contractors and the Main Contractor • Shall be responsible for reporting on progress and creating procurement schedule. • Shall be responsible for the overall progress & quality of work. • Responsible for ensuring the clients requirements are being met <u>Co-ordination of Client Direct Contractors</u>	1	head4		
B	the Contractor shall facilitate access and be responsible for the total co-ordination of a Client Direct Contractors / Suppliers (to be appointed by Maynooth University, details to be advised); work of the various finishing and fit-out sub-contractors with one another and with the Main Contractor	1	Item		
C	The Contractor shall be responsible for the Management, Co-ordination and Programming of the following Client Direct Contractors / Suppliers	1	Item		
D	Audio Video Installations	1	Item		
E	Curtains / Blinds	1	Item		
F	Loose Furniture & Equipment Suppliers	1	Item		

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(06) PRELIMINARIES (Continued)</u>					
A	EV Charger Supplier	1	Item		
	<u>BC(A)R Co-ordinator</u>		head4		
B	The Contractor shall identify prior to commencement a single person within the contractors project team to take on the role of BCAR Coordinator. The BC(A)R Coordinator shall be the main point of contact between the Employers Representative, Design Team, Assigned Certifier, other Ancillary Certifiers and the works sub-contractors, specialists and material and product suppliers. The role of this person shall be to co-ordinate the documentation from all relevant ancillary certifiers under the contractor's control. The BC(A)R Coordinator shall provide fortnightly look ahead programmes which identify upcoming BC(A)R inspections as identified in the Assigned Certifier's Preliminary Inspection Plan.	1	item		
	<u>Co-ordination of Fit-out and Finishes</u>		head4		
C	the Contractor shall be responsible for the total co-ordination of the work of the various finishing and fit-out sub-contractors with one another and with the Main Contractor	1	Item		
	<u>Liaison Officer</u>		head4		
D	the Contractor shall designate a site management resource as liaison officer to deal with landowners, local residents, the public and utilities companies. The Liaison Officers shall attend all public relations and planning meetings with landowners or occupiers together with the Employers Representatives	1	Item		
	<u>Site Records</u>		head4		
E	provide for the provision and keeping of all statutory records.	1	Item		
Ref: 2793		PD 1/38		To Collection €:	

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(06) PRELIMINARIES (Continued)</u>					
A	provide for maintaining a full set of site records of all labour, materials and plant used on the works to the approval of the Employers Representative. Provide also for maintaining a record of visitors to site and a daily weather record, recording minimum and maximum temperature and rainfall; Records to be submitted to the Employers Representative on a weekly basis.	1	Item		
	<u>Schedule of Dilapidations</u>		head4		
B	on taking possession of the site the Contractor will be required to produce immediately and submit to the Employers Representatives a photographic record and a detailed schedule of dilapidations. This record and Schedule shall also extend to the extent of site identified for the contractors possession, the adjoining property (access will be arranged with the Employer's Representative) and the access road to the site from the Public road. The agreed schedule will be held as a record on the condition of the existing building/s when possession was granted	1	Item		
	<u>Sequencing of the Works</u>		head4		
C	the contractor should take due note of the specific requirements for the sequencing of the works as set out elsewhere in the tender documents; all costs associated with complying with this requirement are deemed to be included in the tender price	1	Item		
	<u>Freedom of Information</u>		head4		
D	(i) the Client proposes that the following information relating to this tender competition will be made available on request under the Freedom of Information Act 1997:	1	Item		
E	(a) the name of the Contractor who is awarded the contract and the total amount of the tender	1	Item		
F	(b) to the unsuccessful tenderers, the reason why their tender was rejected	1	Item		

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(06) PRELIMINARIES (Continued)</u>					
A	(ii) the Client undertakes to hold confidential, any information provided by the tenderer in his tender subject to:	1	Item		
B	(a) disclosure of the information specified at (i) above as liable for release to the public	1	Item		
C	(b) the Client's obligations under law including the Freedom of Information Act, which came into force on 21st April 1997	1	Item		
D	you are asked to consider if any of the information supplied by you in this tender should not be disclosed because of its sensitivity, (other than that referred to at (i) above). If this is the case, you should, when providing the information, identify same and specify the reasons for its sensitivity. The Client will consult with you about sensitive information before making a decision on any Freedom of Information request received. Please make a statement to the effect that information not identified as sensitive (in accordance with the foregoing) may be released in response to a request under the Freedom of Information Act	1	Item		
E	(see Freedom of information statement form annexed hereto)	1	Item		
	<u>Restrictions on use of the site</u>		head4		
F	the Contractor shall confine his activities to the work included in the Contract and shall not allow his men to trespass onto other parts of the site or onto adjacent lands unless in direct execution of work included in this Contract. In the event of any claims arising due to failure to comply with this Clause, the Contractor shall be held entirely responsible and shall pay any cost in connection therewith	1	Item		
G	the contractor shall ensure the works are confined to the designated area and do not pose a risk to the public	1	Item		
H	Note: Means of access shall be agreed between The Client, The Design Team & The Contractor on site	1	Item		
	<u>Sequence of Work</u>		head4		
Ref: 2793		PD 1/40		To Collection €:	

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(06) PRELIMINARIES (Continued)</u>					
A	The Contractor shall programme the work in order to comply with the completion date. This may involve the execution of work by individual trades in various different stages in the programme. It may be necessary for some trades to complete their work over a number of site visits. The Contractor shall include here for all costs arising from such occurrences.	1	Item		
B	No extra amounts shall be paid to the Contractor due to the effect of the programme on sequence of work.	1	Item		
	<u>Phasing</u>		head4		
C	The Contractor shall ensure that the following key dates are achieved and the Services are made available / functional for respective key milestone dates.	1	Item		
D	The Employer will retain possession of the existing eastern carpark area as indicated on Architects drawings T-004 for a duration after commencement of the works on site through to 7 weeks prior to the Date of Substantial Completion, following which possession of this carpark area will be handed over to the Contractor.	1	Item		
	<u>Provision of Level Floors</u>		head4		
E	The Contractor shall be entirely responsible for ensuring that the surface of the floor screeds and floor slab to receive all floor finishes will be sufficiently level to alleviate the necessity for levelling compounds. Should it arise that it becomes necessary to spread levelling compound as a preliminary to laying the floor finish, the cost of this work is to be included in the rates against the various items of flooring, screeds and powerfloating of floor slabs.	1	Item		
	<u>Parking on Site</u>		head4		
F	shall be strictly controlled and the contractor must ensure that all vehicles belonging to his own staff and those of specialists are parked within approved areas / pay and display car parks	1	Item		

**Brennan
Associates**

Description	Qty	Unit	Rate	Total
			€	€
<u>(06) PRELIMINARIES (Continued)</u>				
<u>Damage to Adjoining Property</u>		head4		
the Contractor will be held responsible for any damage to adjoining property and any other properties adjacent to the site, which may be caused by the execution of the works and he is to provide any necessary protection for this purpose and remove same when no longer required and make good any damage at his own expense. He is to indemnify the employer in respect of any claim for disturbance or damage arising out of the foregoing	1	Item		
<u>Limitations on Working Space</u>		head4		
storage space for materials shall be confined to areas immediately adjacent, as far as practicable, to where they will ultimately be used. No materials, site huts, etc. shall be placed in a position which is likely to interfere with the progress of the works	1	Item		
<u>Limitations on Working Hours</u>		head4		
Working hours will be 7.15am to 18.45pm Monday to Friday, and 7.15am to 13.30pm on Saturdays. No Works are allowed on Sundays and Public Holidays. Any works required outside of these hours must be requested and approved in writing by the Employer.	1	Item		
early morning / late evening work on Saturdays & Sundays shall be approved in advance by the Employer on a weekly basis.	1	Item		
no work permitted on Public Holidays unless by prior agreement with the Employer	1	Item		
no work permitted during exam periods unless by prior agreement with the Employer	1	Item		
<u>Public Relations</u>		head4		

Ref: 2793

PD 1/42

To Collection €:

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(06) PRELIMINARIES (Continued)</u>					
A	the Contractor shall give 14 days written notice to An Garda Siochana, Local Authorities, members of the public and local residents of impending events likely to cause disturbance such as planned temporary disconnection of services, demolition by explosion, prolonged working at nights or at weekends, movements of heavy loads liable to cause traffic congestion or any other planned abnormal occurrence likely to cause disturbance to people in the vicinity of the Works. The Contractor shall not allow any visitors to the Works or any photography of the Works or issue to the press or any other media for the dissemination of information, any statement relating to the Works or any other matter arising out of the contract, without first obtaining the approval of the Employers Representative in writing. The Contractor shall not be permitted to erect any advertisements of any kind whatsoever, on the site without the prior written approval of the Employers Representative. The Contractors Liaison Officers shall make themselves available to address and respond to all public relations issues in cooperation with the Employers Representative's Representative.	1	Item		
	<u>Fire Precautions</u>		head4		
B	all work performed by the Contractor that is likely to give rise to fire hazards, such as the use of naked flames in enclosed or restricted areas shall be carried out in such a way as to ensure the safety and protection of the Works and of all personnel and property. Where it is necessary to use any naked flames or welding equipment and while combustible materials are being used adequate protection shall be provided to all other adjacent materials and personnel. Suitable fire fighting equipment and extinguishers shall be readily available at the positions where such work is proceeding.	1	Item		
	<u>Fire Alarms</u>		head4		
C	Provision of suitable and adequate temporary fire detection and fire fighting systems	1	Item		

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(06) PRELIMINARIES (Continued)</u>					
A	Contractor to include for a suitable Fire Detection System to be in place during their Construction Period.	1	Item		
	<u>Fire Marshall</u>		head4		
B	the Contractor shall provide a trained and competent full time Fire Marshall(s) to be present at all times whilst hot works are being undertaken within the building. The Fire Marshall(s) shall remain present for a minimum of one hour after the space is vacated by site personnel on all occasions and shall undertake a walk-through and sign-off confirming the space is free from risk prior to departure	1	Item		
	<u>Fire Watch</u>		head4		
C	At the end of the working day a fire watch for a minimum of one hour will be required where hot works were carried out that day. At the end of the fire watch the area must be inspected by the Contractor to sign off on the inspection.	1	Item		
	<u>Specialist Tests and Fees</u>		head4		
D	when directed by the Employers Representative, samples of materials (the samples being taken by approved sampling methods) are to be supplied by the Contractor for laboratory tests and shall be delivered by the Contractor to the testing authority. The Contractor should allow here for fees, charges and carriage of materials in connection with tests.	1	Item		
E	the Contractor shall ensure that they have allowed either in the preliminaries section or in the various rates in his pricing document for all costs associated with achieving the airtightness requirements. It should be noted that, unless noted otherwise, taping, sealants and seals are generally not specifically itemised in the pricing document but should be included for in the rates for the various elements or in the preliminaries section	1	Item		
	<u>Air tightness testing</u>		head4		

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(06) PRELIMINARIES (Continued)</u>					
A	All Buildings are to achieve an air tightness of 3m3/hr/m2@50 pa building pressure Provide for Building Test; 1 no. pressure test, followed by 1 no. Smoke test, followed by 1 no. pressure test; the specialist carrying out works shall be INAB accredited; all in accordance with the Works Requirements.	1	item		
B	All further pressure and smoke tests required to bring the building up to required air tightness to be at the contractor's expense	1	item		
	<u>Samples</u>		head4		
C	All costs associated with the provision of samples should be included in the contractors tender	1	item		
D	The Contractor should note that samples as forming part of the finished work are deemed to be included with the measured works and not provided for separately in the Preliminaries	1	item		
E	Programme the submission of samples to suit the Contract Programme and in compliance with the requirements listed on the Architect's Specification	1	item		
	<u>Use of Materials Found on the Site</u>		head4		
F	materials found by the Contractor on or adjacent to the site are not to be incorporated in the works without the prior written approval of the Employers Representative	1	Item		
	<u>Disposal of Materials Found on the Site</u>				
G	materials found on site shall be disposed of in accordance with the instruction of the Employers Representative	1	Item		
	<u>Disposal of Excavated Material</u>		head4		
H	the Contractor shall ensure all excavated spoil, rubbish, surplus materials, etc. arising from the works are not disposed on an area other than a recognised and compliant facility area.	1	Item		
	<u>The Contractor shall ensure that:</u>		head4		

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(06) PRELIMINARIES (Continued)</u>					
A	(a) carting away is undertaken by licensed, bona fide carriers	1	Item		
B	(b) obtain in advance the location of the disposal site	1	Item		
C	(c) if and when required by the Employers Representative obtain and submit to the Employers Representative, written evidence that all loads of excavated spoil, rubbish, surplus materials, etc. has been deposited at a recognised tipping area or areas. Should it not be shown to the satisfaction of the Employers Representative, that any excavated spoil, rubbish, surplus materials, etc. have been deposited elsewhere than at a recognised tipping area, the Contractor will be held responsible for clearing away such deposits at his own cost and ensuring that they are placed in a recognised tipping area.	1	Item		
D	the Contractor shall comply with all Waste Management Statutory requirements	1	Item		
E	the Contractor shall allow for all Land Fill Levies etc., as required under the Waste Management (Landfill Levy) Regulations 2002	1	Item		
F	a waste plan in relation to the disposal of generated construction and demolition (C&D) waste shall be proposed and submitted to the Planning Authority for written agreement, prior to any development taking place on site.	1	Item		
	<u>Environmental Report</u>		head4		
G	an Environmental Report shall be drawn up wherein nuisances, emissions and other environmental impacts shall be identified in relation to the proposed operational stage of construction, for example pollution of watercourses, noise, fumes, dust, grit, litter/waste on adjoining lands/public roads, wheel wash, designated safe/exit entry, etc. The report shall also propose mitigation measures so as to offset any adverse impacts so identified.	1	Item		
	<u>Waste Management</u>		head4		

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(06) PRELIMINARIES (Continued)</u>					
A	the Contractor is required to comply with all waste management statutory requirements	1	Item		
B	Prior to the commencement of construction activities, the Contractor shall prepare a Waste Management Plan for submission to the Client and the Planning Authority for formal written agreement. This Waste Management Plan shall include as a minimum the following: a)List EWC codes and tonnages for waste arising. b)List EWC tonnages to be reused on site. c)List EWC tonnages to be removed as waste. d)List authorised destination facilities for exported waste. e)Detailed arrangements for greenfield soil and stones. f)Detailed arrangements for brownfield soil and stones. g)Detailed arrangements for hazardous waste. h)Detailed arrangements for concrete waste. i)Detailed arrangements for contaminated soil. j)Article 27 (by-products) and Article 28 (end-of-waste) issues. k)Waste segregation arrangements. l)Waste collection permits.	1	item		
C	The Contractor shall include for all costs associated with the production of a waste management plan for the works to the satisfaction of the Employer's Representative in compliance with Local Authority requirements	1	item		
	<u>Topsoil</u>		head4		
D	The Contractor shall not remove any topsoil from the site without the prior approval of the Employer's Representative	1	item		
	<u>Temporary Site security</u>		head4		
Ref: 2793		PD 1/47		To Collection €:	

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(06) PRELIMINARIES (Continued)</u>					
A	the Contractor shall confine his activities to the work included in the Contract and shall not allow his men to trespass onto other parts of the site or onto adjacent lands unless in direct execution of work included in this Contract. In the event of any claims arising due to failure to comply with this Clause, the Contractor shall be held entirely responsible and shall pay any costs in connection therewith; a 2.4m high security temporary fence should be erected for the duration of the works	1	Item		
	<u>Hoardings / Fences</u>		head4		
B	The Contractor shall provide a 2.4m high security temporary fence / hoarding to the site compound perimeter and any other temporary work areas as necessary for the duration of the works. The Contractor shall also provide a secure barrier as necessary to the temporary construction access road to ensure access by 3rd parties is restricted to agreed and defined crossing points.	1	Item		
C	Restrictions at site entrance - Existing open parking spaces will need to be closed with temporary fencing panels creating restricted gated access. The contractor shall agree on security gate entry procedure with Client. The entrance to the works shall be clearly defined and appropriate signage shall be put in place. Hoarding is required to enclose the site and access gates for vehicle and separate pedestrian entrance. Specific measures will need to be in place to secure the site to ensure no access from the street onto the site. Traffic management for vehicles entering and existing the site will be required and the associated signage external to the site on the public carriageway.	1	Item		
	<u>Screens</u>		head4		
D	provide and maintain all necessary dust-proof and weatherproof screens as required throughout the duration of the Contract. All temporary screens are to be constructed to the Employers Representative's satisfaction	1	Item		

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(06) PRELIMINARIES (Continued)</u>					
A	the Contractor shall include for a temporary etch film to all glazed screens enclosing the proposed works space. Fully removed on completion of the works with all glazed screens cleaned down	1	Item		
	<u>Advertising Rights</u>		head4		
B	no signage other than that approved by the Employers Representative shall be erected on the site	1	Item		
	<u>Temporary Name Boards</u>		head4		
C	include in the tender amount for the erection of a suitable name board. The sign should include the names of the Employer, Employers Representative / Architect, Engineers, Quantity Surveyor, Project Manager, PSDP, Main Contractor, etc. and will be subject to the Employers Representative's approval.	1	Item		
D	the signboard shall be V-shaped (towards the public road) with all information visible from either direction along the public highway; each section shall be 1.2m wide x 2.4m high, erected on a steel frame & shall be in accordance with NRA standards.	1	Item		
	<u>Maintenance & Protection of Existing Services</u>		head4		
E	the Contractor shall do everything necessary to avoid damage to any services and structures on, under or above the ground which are manifestly put at risk by the execution of the works	1	Item		
F	protect, uphold and maintain all overground and underground services of the contracting authority, statutory authorities, utility providers or private owners and all pipes, ducts, walls, underground or overhead cables, etc. encountered during the execution of the works. The Contractor is to make good any damage due to any cause within his control at his own expense or pay any costs and charges in connection therewith to the satisfaction of the Employer, Employers Representative, Statutory Authorities, Service Providers or Private Owners	1	Item		

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(06) PRELIMINARIES (Continued)</u>					
A	the Contractor shall fully satisfy himself as to the exact location of all existing services. The Contractor should contact the Local Authority, ESB Networks, Bord Gais, Eircom, Virgin, etc. in relation to drains/watermains, power cables, gas pipes, telephone, broadband cables, cable T.V. routes in advance of any excavation or opening up work and formulate a contingency plan to ensure an immediate emergency response by the relevant bodies in the event that such services are damaged	1	Item		
B	the contingency plan must be approved in advance by the Employers Representative and will include the names and contact numbers to effect an immediate responses to restore and maintain services. The Contractor will advise the relevant bodies in advance of commencing excavation or opening up work of the dates on which such services may be at risk. Where deemed necessary a representative of the relevant authority will be in attendance where any particular service is at risk	1	Item		
<u>Contractor's Compound Area</u>			head4		
C	the location of the Contractor's compound area's shall be within the demise of the work zone/s and shall be agreed with the ER before commencement of works. The Contractor shall include for any costs associated with relocating as the works progress.	1	Item		
<u>Maintenance of Temperature and Humidity Levels</u>			head4		
D	provide for all necessary equipment, fuel and attendance for controlling and maintaining the specific temperature and humidity of the works as and when required	1	Item		
<u>Employment of Labour</u>			head4		
E	none but fully qualified and competent tradesmen together with their necessary labourers or helpers shall be employed by the Contractor on the Works and the whole of the same shall be carried out and completed in the best and most substantial manner	1	Item		

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(06) PRELIMINARIES (Continued)</u>					
A	Trade Union Labour only is to be employed on the works and the Contractor must pay the standard rate of wages current in the district and observe the customary hours and conditions of employment	1	Item		
	<u>Local Labour</u>		head4		
B	persons engaged upon the works should insofar as practicable and without affecting the efficiency of the work, be recruited from the local offices of FAS or other such agency to the extent that the total labour requirement of the contract exceeds the Contractor's core workforce	1	Item		
	<u>Industrial Relations</u>		head4		
C	the Contractor shall be responsible for ensuring a good industrial relations climate on site. He shall not hire any labour directly at the site	1	Item		
	<u>Right to Refuse Admission</u>		head4		
D	the employer reserves the right to refuse admittance to the site or evict therefore any person found to be under the influence of intoxicating liquor or drugs	1	Item		
E	no intoxicating liquor or drugs shall be brought onto the site or accepted from any person on site	1	Item		
	<u>Setting Out the Works</u>		head4		
F	all instrument work in setting out to be done by personnel experienced and practised in this work. If these are not members of the Main Contractor's own staff, they must be members of a properly established surveying firm, with the necessary qualifications to carry out the whole of the work in an expert manner. The Contractor will be wholly responsible to the Employer for any errors in the work, and meet all costs arising therefrom	1	Item		
Ref: 2793		PD 1/51		To Collection €:	

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(06) PRELIMINARIES (Continued)</u>					
A	the Main Contractor will be held fully responsible for checking all Sub-Contractor's setting out and satisfying himself as to its correctness. The Tender is deemed to include any costs arising from the Main Contractor's failure to comply with the foregoing as no claim for extra payment or extension of time to the Contract period will be admissible	1	Item		
	<u>Protection of the Work</u>		head4		
B	The Contractor's attention is drawn to the necessity to provide adequate protection to all existing structures and finishes to be retained and new works, all new glazing, all new ceilings, new concrete finished floors, tiled floors and walls, painted walls and ceilings, paving to entrance areas, joinery internally and externally, drainage pipework and gullies etc.	1	Item		
C	the Contractor is to case up and protect the work done by other tradesmen and be responsible for and make good or pay for the making good of any work which may suffer from want of such casing and protection	1	Item		
	<u>Curiosities, etc.</u>		head4		
D	the Contractor shall not disturb any ancient works without the Employers Representative's permission and shall at once hand over to him any object of antiquarian, geological or other interest or value discovered during the progress of the work	1	Item		
	<u>Bar Chart / Network Analysis</u>		head4		
E	the Contractor is required to provide a detailed bar chart or network analysis programme, prior to the starting date	1	Item		
F	provide 3 hard copies (and one electronic copy) of the programme for the Employers Representative within 2 weeks of the date of acceptance of the tender, keep one further copy available for inspection in the site office	1	Item		
G	all programme's must include the Programme Contingency	1	Item		
	<u>Programme Updating</u>		head4		

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(06) PRELIMINARIES (Continued)</u>					
A	the updated programme will show actual progress and be produced at least on a two weekly basis; the updates shall include any additional activities carried out; actual progress shall be recorded by means of actual start and actual finish dates for activities, together with percentage completion and remaining duration of currently incomplete activities; any periods of suspension of an activity should be noted in the updated schedule; it is possible that the updated schedules will show completion later than the contract completion dates; in this event the acceptance of the updated schedules will not constitute acceptance of any delay	1	Item		
B	every two weeks the contractor shall submit, in electronic and hard-copy format, a programme (the updated programme) to the Employers Representative not later than 5 days following the end of the period being reported; the data date for each reporting period shall be as directed by the Employers Representative and shall be strictly adhered to by the contractor; the updated programme shall be in exactly the same format, contain the same level of detail as the initial programme, be accompanied by a narrative report of the same detail as that submitted with the original programme while also giving an accurate representation of the current status of the Works"	1	Item		
C	the updated programme shall include and clearly define actual start and finish dates, percent complete and remaining durations for all activities including any new or additional activities or omissions, variations to the works as instructed by the Employers Representative in accordance with the Agreement and any extensions of time granted by the Employers Representative	1	Item		
	<u>In the narrative report accompanying the updated programme, the contractor shall:</u>		head4		

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(06) PRELIMINARIES (Continued)</u>					
A	(a) compare actual progress against anticipated progress in relation to the sequence, quantities, duration, cost and resource details defined on the programme and identify any additional activities or changes since the previous update of the Four Weekly Programme	1	Item		
B	(b) include provision for decisions made in respect of programming or sequencing of the works at the four weekly design and site progress meetings	1	Item		
C	(c) identify and describe any current and anticipated problems that may affect the performance of the works, the factors causing the problem and their impacts on the project	1	Item		
D	(d) make particular reference to critical path activities and shall include delay mitigation proposals, where appropriate	1	Item		
E	(e) include new or revised programme assumptions to be employed in achieving timely completion of the works	1	Item		
F	all claims for Extensions of Time shall be accompanied by a network diagram total float report, narrative report and cost estimates supporting the contractors claim; the contractor shall include the sequence of operations, resource implications and other impacts of any and all work related to each claim	1	Item		
G	the contractor shall highlight on the programme the direct logic links between the cause and effect of the event or events in respect of which he is making his claim	1	Item		
H	the Contractor shall show the Programme Contingency on all updated revisions of the Programme	1	Item		
	<u>Shop Drawings/Schedules etc.</u>		head4		
J	all shop and Builder's work drawings which require the Employers Representatives approval shall be submitted by the Contractor in due time for approval and checking to be carried out to suit the progress of the works.	1	Item		

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(06) PRELIMINARIES (Continued)</u>					
A	the Contractor shall be responsible for checking all schedules and drawings supplied to him and all shop and builder's work drawings approved by the Employers Representative. In the event of any discrepancy being found between such schedules and drawings or if the Contractor considers that additional details drawings are required then in either case the Contractor shall report such discrepancy to the Employers Representative for instruction or apply in writing for such detail drawings at least 21 days before the materials are to be ordered or the works concerned are to be executed (whichever is the greater). The Contractor shall ascertain from the drawings or otherwise any holes, recesses, plugs, etc. which may be required, in time to form these as the works proceed. No extra payment will be allowed for cutting or forming such holes, recesses, or plugs subsequently.	1	Item		
B	the Contractor shall prepare Schedules of Information Required for the main stages of the works based on the Programme for the Works, to be agreed with the Employers Representative. The Schedules of Information Required shall provide for the process of information issue from the Design Team to the Contractor, namely, initial issue of supplementary construction information with specifications and details, the Contractors own procurement process, any Contractor proposals of equivalence, review of the construction documentation by the Contractor in good time, discussions with relevant subcontractors, and if required completion of any outstanding construction details by the Design Team / subcontractor to allow the work to proceed. The agreed Schedules of Information Required shall reflect a reasonable period of time for this process.	1	Item		
C	the Contractor's attention is drawn to the requirements for the submission of samples, shop and Builder's work drawings, certificates and guarantees contained in the Works Requirements.	1	Item		
	<u>Progress Photographs</u>		head4		

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(06) PRELIMINARIES (Continued)</u>					
A	the Contractor shall arrange to have record photographs, taken on a weekly basis to cover an overview of the overall site and in particular current activities in progress. The photographs shall be emailed or uploaded to an agreed file-share facility by close of business of the first working day of the following week	1	Item		
	<u>Temporary Works</u>		head4		
B	the Contractor shall be solely responsible for designing and carrying out all necessary temporary works, including falsework, earthwork support, temporary sheet steel piling, shoring of building, etc. and for taking all necessary steps to ensure the continuous stability for the duration of the contract of the existing building, footpaths, roads and lands and of all new work under construction including both in-situ and precast concrete, steelwork and masonry	1	Item		
C	the term "temporary works" shall mean all temporary works of every kind required in or about the construction, completion and maintenance of the works; it shall include temporary works to support and ensure the stability of the partially completed permanent works and of adjoining structures and lands, as well as such matters as trench shoring, scaffolding, propping, working platforms, gangways, access stairs and landings	1	Item		
D	work near and within existing buildings, roadways or pavements and excavations for foundations adjacent to existing buildings, roadways or pavements shall be carried out in such a manner as will not endanger the existing building, roadways or pavements	1	Item		
E	the Contractor's attention is drawn to the fact that he must comply with all Safety, Health and Welfare at Work Acts and Regulations in relation to temporary works, scaffolding, etc.	1	Item		

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(06) PRELIMINARIES (Continued)</u>					
A	the Contractor, who is responsible for providing the specified materials and the required standard of workmanship and who has responsibility to decide his own detailed method of construction and to maintain stability of the building while it is under his control, must recognise the need to employ properly qualified and experienced supervisors on site. (The Contractor's attention is drawn to the publication "Stability of Buildings" by the Institution of Structural Engineer's - in particular to the section "Construction Stage" and to the Appendix). On complex structures or in circumstances where a full understanding of engineering principles is required to execute the work safely, the Contractor shall employ a chartered engineer to direct and supervise the construction	1	Item		
B	the Main Contractor shall appoint an approved, competent Temporary Works Designer who shall take overall design responsibility for the stability of the partially completed permanent works and of adjoining structures and lands during the envisaged construction process and, further, the main Contractor shall employ a suitably qualified site engineer; both shall liaise with each other and with the Project Supervisors, all in accordance with the HSA Guidelines to Safety, Health and Welfare at Work (Construction) Regulations 2006. Subject to the Employers Representative's consent, (a) on small routine projects the site engineer need not be permanently on site; and/or (b) it may be permissible for one person to fulfil both of these roles	1	Item		
	<u>Structural Steel Connections</u>		head4		
Ref: 2793		PD 1/57		To Collection €:	

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(06) PRELIMINARIES (Continued)</u>					
A	responsibility for all structural steel to steel connection details and adequacy and compliance with current regulations and the specification shall lie with the Contractor; the Contractor is deemed to have included for all steel to steel connections in his pricing of the measurement items; final proposals for all structural steel to steel connections and fabrication drawings shall be forwarded to the structural engineer prior to the execution of the works; failure to seek such approval in sufficient time from the Consulting Engineer, resulting in delay to the programme, will be the responsibility of the Main Contractor and no liability shall accrue to the Employer; the Contractor is deemed to have included in his rates for all steel to steel connections; failure to comply with this requirement will not entitle the Contractor to any additional extras or claims for additional expense	1	Item		
	<u>Dayworks</u>		head4		
B	dayworks shall be executed only with the written permission of the Employers Representative. For variations which cannot by their nature be measured and valued at the rates in the Bill of Quantities or where such rates cannot provide a reasonable basis for valuing variations, then and only then shall the Employers Representative issue written permission after consultations with the Quantity Surveyor. Where this authority is given, original vouchers giving the fullest particulars of hours worked, names of craftsmen and labourers, together with rates of wages, paid, description of work executed, materials and plant used in the items up to Friday, shall be delivered to the Employers Representative before the following Friday	1	Item		
C	all sheets are to be signed by the General Foreman and the Employers Representative. Such signatures are only to be taken as certifying that the time, materials and plant are correct and shall not be held to justify a claim that the work shall be so charged or that it cannot be measured and priced according to the terms of the Contract	1	Item		
Ref: 2793		PD 1/58		To Collection €:	

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(06) PRELIMINARIES (Continued)</u>					
A	labour shall be priced at the basic rates, hired plant shall be charged in accordance with the Schedule of Plant Charges or local hire rates and materials as invoices	1	Item		
	<u>Tax Clearance Certificate</u>		head4		
B	prior to the award of any contract or subcontract, the Contractor or subcontractor under consideration will be required to produce a Tax Clearance Certificate / eTax Clearance information	1	Item		
	<u>Temporary Hoists</u>		head4		
C	should the Contractor choose to use a temporary hoist or hoists it/they shall be located in location(s) to be agreed with the Employers Representative	1	Item		
	<u>Effluents or Waste</u>		head4		
D	the Contractor shall ensure that any effluent or waste from the works shall not be discharged into ponds, drains and sewers unless permitted by the Local Authority and Employer	1	Item		
E	the Contractor shall at all times protect and safeguard excavations, holes, openings and the like and any other hazards caused by the carrying out of the Contract Works	1	Item		
	<u>Collateral Agreements/Warranties - Sub-Contractors/Suppliers</u>		head4		
F	Collateral Agreements / Warranties as per the Capital Works Management Framework Model Forms, will be executed between the Employer and Sub-Contractors or Suppliers.	1	Item		
G	Designers subcontracted to advise/design elements and/or certify modular/pre-fabricated systems/components	1	Item		
H	Specialist supplier/fabricator with design responsibility for modular or pre-fabrication system	1	Item		
J	Collateral Warranties are required for all specialist work items that require design responsibilities by any third party specialist employed by the Main Contractor or their supply chain.	1	Item		
Ref: 2793		PD 1/59		To Collection €:	

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(06) PRELIMINARIES (Continued)</u>					
A	Note: All Collateral Warranties to be executed as Deeds, the professional indemnity insurance is to be kept in place for a minimum of 12 years after substantial completion.	1	Item		
	<u>Ancillary Certificates</u>		head4		
B	Ancillary Certificates in the form developed by the CIF and agreed by the RIAI, ACEI, Engineers Ireland and SCSI, are to be provided by Sub-Contractors, Specialist Contractors and Sub-Sub-Contractors who have been assigned to construct, supervise and certify their sub-contract or sub-sub-contract works.	1	Item		
	<u>TENDERING DETAILS</u>		head3		
	<u>Expense of Preparing Tender</u>		head4		
C	the Employer does not bind himself to accept the lowest or any Tender	1	Item		
D	Contractors will not be remunerated for any trouble or expense they may incur in making up their Tenders	1	Item		
	<u>Errors in Pricing Document</u>		head4		
E	on examination of the rated Pricing Document if it is discovered that errors have been made, they shall be dealt with in accordance with the Instructions to Tenderers	1	Item		
	<u>Tender Qualifications</u>		head4		
F	the Tenders shall be strictly in accordance with the Documents, Drawings, Contractor's obligations pursuant to the Conditions of Contract and shall not be qualified in any way. Any such qualification may result in the Tender not being considered	1	Item		
G	the Employer reserves the right to open all or any Pricing Documents submitted with the tenders	1	Item		
	<u>Work to be Performed</u>		head4		
Ref: 2793		PD 1/60		To Collection €:	

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(06) PRELIMINARIES (Continued)</u>					
A	the Contractor shall furnish all labour, materials and equipment, tools, construction plant and supervision to perform the work in accordance with and described in the Specifications and Drawings referred to herein, and as subsequently amended or revised	1	Item		
B	the Contractor shall include in the Contract Price for all consumable construction materials	1	Item		
C	the Contractor shall be held to have satisfied himself by careful examination of the drawing and specification and of the site as to the amount of work to be carried out to enable the works to function satisfactorily. This shall include all items reasonable and obviously referred to as necessary though not implied in the Drawings and Specifications and the contract is for completely finished work strictly in accordance with the true content and meaning of the Drawings and Specifications and no payment beyond the Contract Sum will be allowed in consequence of the Contractor having failed to properly acquaint himself with the site, drawings and specifications	1	Item		
D	the Contractor shall be responsible for setting out all of the works shown on the drawings and referred to in the contract documents	1	Item		
E	decisions of Employers Representative shall be final and binding as to the intent, meaning and scope of the Drawings and Specifications and Contractor shall consult Employers Representative for appropriate instructions and interpretation whenever Contractor shall be in doubt as to the intent, meaning or scope of the Drawings or Specifications or any part thereof	1	Item		
F	instructions given or information furnished by Employers Representative shall not bind Employers Representative unless authorised in writing	1	Item		
Ref: 2793		PD 1/61		To Collection €:	

**Brennan
Associates**

Description	Qty	Unit	Rate	Total
			€	€
<u>(06) PRELIMINARIES (Continued)</u>				
before proceeding with the Work the Contractor shall carefully examine the Drawings and Specifications and shall have the responsibility of notifying Employers Representative of any inconsistency or discrepancy appearing therein	1	Item		
<u>Inadequacy of Description</u>		head4		
the Contractor's price shall be a full inclusive cost of completing the works in accordance with the drawings and specifications. The Contractor shall state with his tender any additional items for which he requires payment as no claim on the ground of inadequacy of description will be entertained. Where a conflict arises, the contractor will be deemed to have included the most onerous of the requirements	1	Item		
<u>Provide Everything Necessary</u>		head4		
the Contractor shall provide everything necessary for the proper execution of the Contract according to the true intent and meaning of the documents. Whether same may or may not be particularly described, provided same is reasonably inferred therefrom	1	Item		
<u>Lump Sum Additions or Deductions to Arrive at Tender Sum</u>		head4		
if the Contractor to arrive at the amount of his Tender shall have added to or deducted from the total of the items in the Breakdown of Tender any sum either as a percentage or otherwise a similar percentage of proportionate sum shall be added to or deducted from the amount of variation	1	Item		
<u>SUB CONTRACTORS / SPECIALISTS</u>		head3		
<u>General Attendance</u>		head4		

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(06) PRELIMINARIES (Continued)</u>					
A	include here for the facilities referred to in ARM 4 Clause B4 (a) to (z) for General Attendance on Sub-Contractors, or Main Contractor's On-Costs on Statutory Authorities, Public Undertakings or Public or Private Utility Providers. In addition all items of General Attendance or Main Contractor's On-Costs shall be deemed to include arranging with Sub-Contractors, Suppliers, Statutory Authorities, Public Undertakings or Public or Private Utility Providers as to time for commencement of the work on site or manufacture and delivery of their goods and materials as appropriate, obtaining from them particulars of holes, mortice's, chases, recesses, fixing and the like and supplying them with all dimensions and other information required for the proper execution of the works	1	Item		
	<u>Special Attendances</u>		head4		
B	include here for the facilities referred to in ARM 4 Clause B3.1 (a) to (f) inclusive where required for Sub-Contractors, Statutory Authorities, Public Undertakings or Public or Private Utility Providers	1	Item		
C	the Contractors attention is specifically drawn to the attendances noted (not limited to) on the detailed Schedule of Builders Attendances for Electrical Installations	1	Item		
	<u>Fixing</u>		head4		
D	fixing of goods and materials supplied by Suppliers shall be deemed to include unloading, storing, hoisting the goods and materials and returning packing materials to the Supplier carriage paid and obtaining credits therefore. In addition, all items for fixing of goods and materials supplied by Suppliers shall be deemed to include arranging with Suppliers as to time for manufacture and delivery of their goods and materials, obtaining from the particulars of holes, mortice's, chases, recesses, fixing and the like and supplying them with all dimensions and other information required for the proper execution of the works	1	Item		
Ref: 2793		PD 1/63		To Collection €:	

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(06) PRELIMINARIES (Continued)</u>					
A	costs of conveying goods and materials to the site and any special packing or the like required to be paid by the Contractor are to be stated separately	1	Item		
	<u>Conveying Goods and Materials to Site</u>		head4		
B	notwithstanding the provisions of ARM 4 Clause B3.2 the costs required to be paid by the Contractor of conveying goods and materials to the site, any special packing and the like, are included in the appropriate Prime Cost Sums and particulars are not given in the measured items	1	Item		
	<u>IMPLICIT IN THE CONTRACT AND AT THE DISCRETION AND RISK OF THE CONTRACTOR</u>		head2		
	Maintaining temporary works, adapting, clearing away and making good together with notices and fees to Statutory Authorities, Public Undertakings or Public or Private Utility Providers related to the items shall be deemed to be included with the following items:		head3		
	<u>Plant, Tools and Vehicles</u>		head4		
C	provide all necessary mechanical and non-mechanical plant, tools and vehicles necessary for the proper execution and completion of the works:	1	Item		
D	(a) bringing to site, installing and removing on completion	1	Item		
E	(b) maintaining on site for the duration of the works	1	Item		
	<u>Scaffolding</u>		head4		
F	The Contractor shall note the proximity of the neighbouring residential property and alleyway immediately adjacent to the site, and shall include for appropriate scaffold construction to ensure the neighbour's right of way is maintained at all times	1	Item		
G	provide all necessary scaffolding for the proper execution and completion of the works:	1	Item		
H	(a) bringing to site, erecting and removing on completion	1	Item		
J	(b) maintaining on site for the duration of the works	1	Item		
Ref: 2793		PD 1/64		To Collection €:	

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(06) PRELIMINARIES (Continued)</u>					
A	(c) Adapting and extending as necessary to facilitate the works	1	Item		
B	if the Contractor should strike any of this scaffolding before ascertaining whether it is required by a Sub-Contractor or Statutory Authority, Public Undertaking or Public or Private Utility Provider, he must re-erect it, if so required at his own expense	1	Item		
C	the scaffolding must be the subject of detailed provisions of the Construction Safety Plan	1	Item		
	<u>Site Administration</u>		head4		
D	provide for all on and off site management and administration including cost of Foreman and Site Agent in charge	1	Item		
	<u>Site Security</u>		head4		
E	provide for safeguarding the works, materials and plant against damage and theft including providing all necessary watching and lighting for the security of the works and the protection of the public. Provide shelter and heat for any watchmen so required	1	Item		
F	the Contractor is to provide for clearly identifying the site perimeters and surroundings for the full duration of the works	1	Item		
G	the Contractor shall make provisions for protection of the public from site operations and arrangements for protection of third parties and visitors to the site in accordance with all statutory requirements	1	Item		
	<u>Contractor's Compound</u>		head4		
H	arrangements for the Contractors Compounds and position for same are to be agreed with the Employers Representative	1	Item		
	<u>Transport for Workpeople</u>		head4		
Ref: 2793		PD 1/65		To Collection €:	

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(06) PRELIMINARIES (Continued)</u>					
A	provide for all necessary transport for work people including those of sub-Contractor's to and from site including compliance with Road Traffic Acts and other regulations in this regard, payment of all fees, charges and the like	1	Item		
	<u>Protection of the Works Against Inclement Weather</u>		head4		
B	provide for carefully covering up and protecting the works, or any adjoining property exposed by the works, at all times from inclement weather	1	Item		
	<u>Inclement Weather Working</u>		head4		
C	the Contractor will be expected to avail himself of all reasonable means and aids to construct the Works and the Temporary Works in inclement or cold weather and to use his best endeavours to prevent or minimise any delays arising there from.	1	Item		
	<u>Water for the Works</u>		head4		
D	provide clean, fresh water for use on the works, pay all charges in connection therewith, provide all temporary storage, plumbing services, pipes, connections, taps, hoses, valves, stand pipes etc. and clean away and make good on completion	1	Item		
	<u>Lighting and Power for the Works</u>		head4		
E	the Contractor shall provide electricity for use on the works and pay all charges in connection therewith. The Contractor shall provide all artificial lighting and power for the works, provide for distribution about the site and all temporary connections, leads, fittings, etc. and clear away and make good on completion. The lighting shall be to the standard stated by the Health and Safety Project Supervisor Construction Stage	1	Item		

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(06) PRELIMINARIES (Continued)</u>					
A	the Contractor shall include for a 3-phase electricity 380/220 V. power supply if this is required either for his own work or for work to be executed by Sub-Contractors. It shall be the Contractor's responsibility to ascertain the level of supply required by all Sub-Contractors and to have this available prior to their commencing work on site	1	Item		
	<u>Temporary Roads, Hardstandings, Crossings, etc.</u>		head4		
B	The Contractor shall provide all necessary temporary roads, tracks, hardstandings and the like, and hack up and make good on completion. On completion the temporary roads, tracks, hardstandings and the like shall be removed as required and areas disturbed made good and reinstated to their original condition.	1	Item		
C	Obtain sanction for, provide and maintain temporary crossovers to public footpaths, light same if and when required and pay all fees and charges in connection therewith.	1	item		
D	Signs, barriers, guardrails etc maintaining for the duration of the contract and removing same on completion of the works.	1	item		
E	Provide for all Local Authority costs etc, associated with obtaining any necessary road opening licenses	1	item		
F	Provide for all traffic management systems labour, plant and equipment as necessary for any road opening licenses.	1	item		
G	Provide for maintaining any necessary traffic management systems as required for the duration of the works, including maintaining any pedestrian access routes adjacent to the site. Also included for here for all costs associated with the provision of all necessary signage, barriers and lighting required.	1	item		
H	Provide for secure on-site parking for the Employer's Representative and members of his team.	1	item		
Ref: 2793		PD 1/67		To Collection €:	

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(06) PRELIMINARIES (Continued)</u>					
A	The Contractors attention is drawn to the following potential limitations of the Contractors access route to the north of the existing basketball courts that is currently a gravel track. a) The existing gravel track is relatively narrow along its entire length and may require widening by the Contractor. b) there is a sharp incline immediately at the intersection with the existing campus road which may require modification by the contractor. c) the existing surface finish is not intended for heavy goods vehicles / plant / machinery d) the bearing capacity of the track is unknown and the Contractor shall satisfy themselves in this regard and upgrade as considered necessary e) there is a steep embankment adjacent the existing gravel track along its entire length f) the transition between the existing campus road and the gravel track is a sharp radius and may not be sufficient for larger goods vehicles / plant and equipment. g) there is a sign and a speed ramp in close proximity to the junction between the access road and the existing gravel track The Contractor shall be responsible for undertaking modifications as considered appropriate and reinstating on completion.	1	item		
B	the Contractor shall examine the nature and levels of the area designated for the site compound(s) - within the demise of the Work Site Boundary. If he considers that levels need raising or lowering for his purposes he shall include the cost of so doing in the tender, such cost to include reinstatement to the original levels, including reinstating to the original condition on completion to the satisfaction of the Employers Representative <u>Temporary Accommodation for use of the Contractor</u>	1	Item		
Ref: 2793		PD 1/68		To Collection €:	

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(06) PRELIMINARIES (Continued)</u>					
A	provide and maintain toilet facilities, washing facilities, drying room and canteen(s) for the Contractor's staff including those of his Sub-Contractors and watertight sheds for the storage of his materials, tools and tackle, including suitable and separate storage for dangerous materials or substances, in positions to be agreed with the Health and Safety Project Supervisor Construction Stage. Alter, shift and adapt same as necessary from time to time. Maintain in a clean and tidy condition at all times. Provide and maintain temporary office accommodation	1	Item		
B	welfare facilities for workpeople shall be in compliance with the fourth schedule of the Safety, Health and Welfare at Work (Construction) Regulations	1	Item		
C	such accommodation as the Contractor is required to supply shall be cleared away on completion and the area made good	1	Item		
	<u>Temporary Accommodation for Sub-Contractors</u>		head4		
D	the Main Contractor shall provide free of charge to the Sub-Contractors a limited area for use in the storage of its materials, plant and for the location of any temporary site office that are essential to the Sub-Contractor including suitable and separate storage for dangerous materials or substances. The sub-contractor will be responsible for the maintenance of these areas and for their security and for the materials, plant and any other items therein	1	Item		
	<u>Office for Site Meetings</u>		head4		
E	the Contractor shall provide a well lighted, ventilated and insulated temporary building suitable for site meetings complete with table and chairs. The Contractor shall also provide adequate heating appliances, artificial lighting, fuel, cleaning and attendance as required. The Contractor shall remove all at completion and make good.	1	Item		
	<u>Temporary Buildings</u>		head4		

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(06) PRELIMINARIES (Continued)</u>					
A	before the erection of any temporary site buildings the Contractor shall obtain approval from the Employers Representative of the size, type, location and drainage arrangements thereof and other services. The Contractor shall submit a drawing showing full details of the works compounds for approval by the Employers Representative. The drawing shall show the position of all buildings, the location of services and his proposals for dealing with surface water drainage, sewage and lighting. No work shall commence on the compound until the Employers Representatives written approval to the layout plan is received. The location of the Contractor's temporary accommodation and his storage areas shall be arranged to facilitate the most advantageous construction progress by the Contractor. It is the Contractor's responsibility to acquire and service these locations with power, telecommunications, water supply and sewerage disposal and to comply with all Local Authority planning requirements in respect of same	1	Item		
	<u>Site Meetings</u>		head4		
B	The Contractor shall hold meetings with appropriate specialists and suppliers shortly before main site meetings to facilitate accurate reporting of progress. Such meetings shall include a services co-ordination meeting involving the services co-ordinator and relevant sub-contractors and other Contractor's Personnel as required	1	item		
	<u>Sub-Contracts with Sub-Contractors and Suppliers</u>		head4		
C	the Contractor shall contract with Sub-Contractors and Suppliers in accordance with the relevant Conditions of Tender and other document, issued to the Contractor with the Invitation to Tender	1	Item		
D	the Contractor shall allow in his tender sum for attendance on providing appropriate facilities for and other obligations to Sub-Contractors and Suppliers as described above	1	Item		
	<u>Temporary Telephone / Internet Access for use of the Contractor</u>		head4		

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(06) PRELIMINARIES (Continued)</u>					
A	provide and maintain a telephone / internet service to the site office for use by the Contractor's personnel and for the full period of the works. Pay all charges and expenses in connection therewith	1	Item		
	<u>Traffic Regulations</u>		head4		
B	provide for complying with all regulations laid down by the Garda Siochana and for liaising with the local Garda Station and Local Authority in relation to all works, on or adjacent to the Public Roadway	1	Item		
	<u>Traffic Safety and Management</u>		head4		
C	The Contractor shall, unless otherwise stated, following consultation with the appropriate road authority and subsequently with any statutory authority concerned and An Garda Siochana, prepare and submit traffic safety and management proposals within 2 weeks of commencement to the Employers Representative for approval. These shall show the proposed traffic safety and management measures including provision of safety zones which he proposes for carrying out the works. The proposals shall include the provision of access for the use of emergency vehicles within the site if so required.	1	Item		
D	The contractor shall apply for and pay as required for all necessary permissions for road closures, road openings, excavations within the public road/footpath, utility connections and the like prior to work commencing on same. The Contractor is to include for all administration and overhead costs in making all such applications and shall submit in full these applications together with any supporting documentation that may be required in the form of risk assessments, traffic management plans, method statements, programmes and the like.	1	Item		
E	The Contractor shall include for all costs associated with liaising and submitting all Local Authority applications etc... This includes all items detailed in the Planning Conditions which are required to be executed by the Contractor.	1	Item		

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(06) PRELIMINARIES (Continued)</u>					
A	the Contractor shall, unless otherwise stated, following consultation with the appropriate road authority and subsequently with any statutory authority concerned and An Garda Siochana, prepare and submit traffic safety and management proposals within 2 weeks of commencement to the Employers Representative for approval. These shall show the proposed traffic safety and management measures including provision of safety zones which he proposes for carrying out the works. The proposals shall include the provision of access for the use of emergency vehicles within the site if so required.	1	Item		
	<u>Building Regulations</u>		head4		
B	the Contractor shall be responsible for the serving of and compliance with all notices and the like required under the Building Control Act 1990 and the current Building Regulations in connection with the execution of the works	1	Item		
C	the Contractor shall comply with all Building Regulations over which he has control. The Contractor shall at Substantial Completion provide written confirmation signed by a Director of his company that he has so complied	1	Item		
	<u>Electrical Subsystems Certification</u>		head4		
D	all electrical sub-systems shall be certified as having been carried out in compliance with the requirements of the ETCl Wiring Regulations	1	Item		
E	copies of the ETCl Subsystems certificates, accompanied by the relevant test results, shall be included with the ETCl Completion Certificate in the Health and Safety File for the project	1	Item		
F	in the event of the Contractor failing to secure Subsystem certificates for all items of equipment then the Contractor shall be liable for the cost of having the systems tested, remedied as necessary and certified. The tender figure shall be deemed to include for all costs incurred by the Contractor in providing the appropriate documentation	1	Item		

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(06) PRELIMINARIES (Continued)</u>					
<u>Fire Certification and Marking</u>					
A	the Contractor shall, immediately prior to Substantial Completion, certify that the construction work carried out on the contract by him and his subcontractors has been carried out in such a way as to ensure that the integrity of the fire zones within the building has been maintained and that all fire barriers, control elements, coatings and alarm systems have been provided and installed in compliance with the relevant Standards	1	head4 Item		
B	all fire resistant coatings such as intumescent paints shall be clearly identified with an engraved plate identifying the designed fire rating and specifying that no paint or other decorative coatings shall be applied to the coating without the prior agreement of the person with maintenance responsibility for the building. The plate's locations shall be instructed by the Employers Representative	1	Item		
C	all fire rated doorsets with non-metallic leaves shall be permanently identified in accordance with the requirements of BS 8214:1990 identifying the period of fire resistance, the manufacturer's name and address, the year of manufacture and other pertinent details. These details shall be engraved on a metal plate, fire resistant to 800 oC, which shall be fixed to the hinge stile of the door leaf near the top edge and shall be clearly legible. Every fire door (i.e. the complete fire door assembly) shall be supported by a fire test report from an accredited laboratory (see Technical Guidance Document D of the Building Regis) which indicates that the complete assembly will meet the required performance	1	Item		
<u>Safety, Health and Welfare of Workpeople</u>					
D	the Contractor shall include for complying with all Safety, Health and Welfare at Work Acts and Regulations	1	head4 Item		
E	the Contractors obligations in complying with all Safety, Health and Welfare at Work (Construction) Regulations are set out in the "Safety of Site Operations" clause above	1	Item		
Ref: 2793		PD 1/73		To Collection €:	

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(06) PRELIMINARIES (Continued)</u>					
A	the provision and maintenance of office accommodation, toilet facilities, washing facilities, drying room and canteen(s) is described in the "Temporary accommodation for use of the Contractor" clause above and the "Eating" clause below	1	Item		
B	the Contractors obligations regarding temporary works are set out in the "Temporary Works" clause above	1	Item		
	<u>Eating Facilities</u>		head4		
C	provide a mess room for the Contractor's own workpeople (including those of his Sub-Contractors) and provide adequate tables, chairs and cooking equipment. Provide also adequate clothes drying facilities. Keep the mess room in a clean and sanitary condition at all times and provide all consumables necessary for its proper functioning	1	Item		
D	all messing facilities are to be confined strictly within temporary mess rooms provided specifically for that purpose by the Contractor. No eating will be permitted outside designated compound areas, within buildings or any areas adjacent to the site	1	Item		
E	skips or containers containing food waste shall be emptied at the end of each day	1	Item		
	<u>Disbursements arising from the employment of workpeople</u>		head4		
	<u>Provide for all costs in respect of all workmen including:</u>		head4		
F	1. Social Welfare Insurance Contributions	1	Item		
G	2. Pensions	1	Item		
H	3. Annual and Public Holidays	1	Item		
J	4. Travelling time, expenses, fares and transport	1	Item		
K	5. Guaranteed time	1	Item		
L	6. Non-Productive overtime and other expenses in connection with overtime	1	Item		
M	7. Incentive and bonus payments	1	Item		
N	8. Sick Pay Disbursements	1	Item		

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(06) PRELIMINARIES (Continued)</u>					
A	9. Country Money	1	Item		
B	10. Redundancy Scheme	1	Item		
C	11. Silas Levy/Grant	1	Item		
D	12. Pay-Related benefit scheme	1	Item		
E	13. Any other disbursements arising from the employment of labour on the site	1	Item		
<u>Maintenance of Public and Private Roads</u>			head4		
F	maintain and keep clean all public and private roads (including temporary roads), footpaths, kerbs, etc. and keep the approaches to the site clear of mud. The Contractor is to make good any damage caused by his own or any Sub-Contractor's or Supplier's transport at his own expense and pay all costs and charges in connection therewith	1	Item		
G	the Contractor shall clean by brushing and hosing all walkways and roadways used by his crews and vehicles (or those of Sub-Contractors or Suppliers) at least once per day and/or as often as necessary to keep the roadways free of dirt, dust and mud. The Contractor will supply his own hoses and connections to water supply points approved by the Local Authority / Employer	1	Item		
H	the Contractor shall ensure that no damage is caused to the existing access roads due to the delivery of materials, the execution of works, or the removal of rubbish. All vehicles entering or leaving the site carrying loads which constitute a potential dust or dirt nuisance such as aggregate, sand, gravel, soil or the like shall be secured so that no materials shall leave the vehicle	1	Item		
Ref: 2793		PD 1/75		To Collection €:	

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(06) PRELIMINARIES (Continued)</u>					
A	the Contractor shall be responsible for keeping all highways adjacent to the job site free from mud droppings or other materials which are due to his own and all other operations and safeguard the Employer from any liability resulting therefrom. The Contractor is expected to take reasonable care to ensure that all vehicles entering and leaving the jobsite are free of mud on the wheels or tracks, and the loads are secure	1	Item		
B	in the event of fouling of any roads due to any operations he will be expected to clean them expeditiously at his own expense to the satisfaction of the Employers Representative and/or Employer. The Contractor shall be entirely responsible for any damage due to his failure to comply with this clause	1	Item		
C	Allow for preventing the growth / spread of noxious weeds / alien invasive species on the site during the Contract Period. Control measures shall implemented shall have regard to The Management of Noxious Weeds and Non-native Invasive Plant Species on National Roads (NRA).	1	Item		
	<u>Removal of Rubbish, etc.</u>		head4		
D	the Contractor shall be responsible for enforcing an environmental management plan to ensure and effective strategy to manage waste on the site	1	Item		
E	the Contractor shall keep the site clean and tidy and make arrangements for the regular removal from the site of all rubbish, protective casings and coverings etc. arising from his own or any of his sub-contractor's operations both as it accumulates from time to time and on completion	1	Item		
F	the Contractor shall provide a number of easily accessible rubbish skips on site for the segregation, and safe disposal of all rubbish from the site; It will be the responsibility of nominated sub contractors to remove their own rubbish to these locations for disposal by the main contractor	1	Item		
Ref: 2793		PD 1/76		To Collection €:	

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(06) PRELIMINARIES (Continued)</u>					
A	all skips and containers must be covered to avoid materials and rubbish contained therein being blown onto the airfield and to avoid the attraction of birds and vermin. Skips or containers containing food waste shall be emptied at the end of each day	1	Item		
	<u>Clearing up and Making Good on Completion</u>		head4		
B	the Contractor will be required to clear away any builders rubble, debris or waste upon completion of the contract works, and make good and reinstate to their original condition any areas disturbed during the course of construction	1	Item		
C	provide for clearing the work areas on completion, inside and out, removing stains and touching up paintwork and polished work, washing all floors and glass and leaving the whole of the works clean and fit for immediate occupation to the satisfaction of the Employers Representative	1	Item		
	<u>Drying the Works</u>		head4		
D	provide for all necessary equipment, fuel and attendance for drying the works as and when required	1	Item		
E	it is the responsibility of the contractor to ensure that specific moisture levels of concrete floor slabs are obtained to facilitate the laying of sheet vinyl flooring - this may necessitate the use of a chemical DPM and, if so required, will be carried out entirely at the Contractors expense	1	Item		
	<u>Making good defects</u>		head4		
F	The work shall be maintained by the Contractor in perfect condition for 12 months after the issue of the Architect's Certificate of 'Practical Completion' and any work exhibiting defects during that period shall be made good by the Contractor at his own expense prior to the issue of the Final Certificate.	1	Item		
G	Provide for making good defects within the defects liability period immediately after notification of same.	1	Item		

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(06) PRELIMINARIES (Continued)</u>					
<u>Temporary Fencing, etc.</u>					
A	provide and maintain all necessary temporary fencing, hoardings, gates, doors, screens, fans, planked footways, guardrails, gantries, floor, stair, roof edge protection, and protection of openings, safety nets and similar items for the proper execution of the works, for the protection of the public, and for meeting the requirements of any local or other authority and alter, shift and adapt from time to time as necessary	1	Item		
<u>Control of Noise, Pollution and Compliance with Statutory Obligations</u>					
B	the Contractor shall comply with all statutory regulations governing the control of noise and pollution	1	Item		
C	the Contractor is obliged to comply with the British Standard 5228 Noise Control on construction and open sites Part 1. Code of Practice for basic information and procedures for noise control	1	Item		
D	The Contractor shall comply with the requirements set out in Carlow County Council's Codes of Practice from the Drainage Division, the Transportation Planning Division and the Noise & Air Pollution Section.	1	Item		
E	A Construction Management Plan must be submitted to this Unit prior to the works taking place informing of the air pollution and noise pollution mitigation measures that must be in place on site throughout the construction works.	1	Item		
F	The Construction Management plan must comply with this Unit's Construction and Demolition Good Practice Guide for Construction Sites	1	Item		
<u>Planning Permission</u>					
G	Provide for complying with the conditions in the Planning Permission insofar as they affect the Contractor	1	Item		
Ref: 2793		PD 1/78		To Collection €:	

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(06) PRELIMINARIES (Continued)</u>					
A	The proposed development shall be carried out in accordance with the plans and particulars lodged with the planning application, except as otherwise required by the conditions of this permission	1	Item		
B	The following requirements of the Drainage Division of Carlow County Council shall be strictly adhered to:	1	Item		
C	The Contractor shall comply with the Carlow County Council Code of Practice for Drainage Works Version 6.0 (available from www.dublincity.ie Forms and Downloads).	1	Item		
D	The development is to be drained on a completely separate foul and surface water system.	1	Item		
<u>Building Manual / Record Drawings</u>			head4		
E	the tender sum will include for the provision of record drawings and manuals in soft and hard copy. Should the Contractor refuse or neglect to provide the record drawings and manuals the Employer may employ and pay other persons to provide such drawings and manuals and all costs incurred in connection therewith shall be recoverable from the Contractor or may be deducted from any money due or to become due to him, irrespective of the Contractor's tender price for same	1	Item		
F	release of half of the retention money will be dependent on the production of accurate "as built" drawings and complete safety file and the maintenance retention period will commence from the date such drawings are received. The Contractor/PSCS shall, on completion of the works, furnish the PSDP with a complete set of "as built" drawings and complete safety file on a computer CD compatible with the latest version of AutoCAD	1	Item		
<u>Protection</u>			head4		

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(06) PRELIMINARIES (Continued)</u>					
A	provide for protecting the completed works from any damage whatsoever including providing, maintaining and subsequently removing any necessary protective casings or the like (including those required for each different floor covering) sufficient to leave the works clean, undamaged and fit for immediate occupation to the satisfaction of the Employers Representative	1	Item		
B	Existing finished surfaces shall be adequately protected against damage during the works; tracked machines are not permitted to existing or new finished surfaces without adequate protection being put in place. The Contractors attention is specifically drawn to this requirement in the context of the Projects phasing.	1	Item		
<u>Overhead Lines / Underground Services</u>			head4		
C	the Contractor must ensure that adequate safety precautions are taken when working in the vicinity of overhead lines. Whenever possible they shall either be redirected away from the area of the site or else the current shall be cut off. If this is not possible, there shall be barriers or notices as appropriate to ensure that vehicles and installations are kept away. These may include the provision of goal-post type barriers on each side of the overhead line and the non-use of scaffolding or ladders within 10 meters of the overhead line	1	Item		
D	The Contractors attention is drawn to the presence of high voltage cables attached to the front facade of the building and crossing part of the site.	1	Item		
Ref: 2793		PD 1/80		To Collection €:	

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(06) PRELIMINARIES (Continued)</u>					
A	Existing Services- There are visible overhead cables running from 2no. poles at the cemetery wall on Phelan Street at West side of the site to front façade of two storey part of building. Cables terminate at first floor level. There are more likely other services running underground as watermain at front side of the site. The responsibility to verify the extent, location and protection of all services is with the Contractor. The Contractor shall provide for everything required for working close to these and the removal of the supply from the building, There may be a requirement for a temporary board / panel to get power into the site for the duration of the works.	1	Item		
	<u>Facilitate delivery and positioning / installation of Employer Items</u>		head4		
	The installation of Employer-supplied loose furniture and equipment will be scheduled to follow construction and will commence prior to the Substantial Completion of the works during the construction programme. The Contractor will be required to facilitate the delivery of the loose furniture and equipment by others and the fixing and commissioning of equipment before Substantial Completion. In particular, the Contractor will be required to A) Facilitate delivery of loose furniture, fixtures, fittings and equipment supplied by the Employer and facilitate distribution of furniture, fixtures, fittings and equipment by the Employer's Personnel in the new facility. B) Facilitate delivery of IT equipment as supplied by the Employer and commissioning of same prior to Substantial Completion. C) Facilitate the delivery of white goods, appliances and specialist equipment as supplied by the Employer and fix, wire, plumb and commission in locations as advised by the ER and indicated on the Architect's Room Layout drawings	1	item		
	<u>Fire Safety Procedures</u>		head4		
B	The Contractor shall be responsible for providing Temporary Fire Detection / Alarm Systems during Construction	1	Item		
Ref: 2793		PD 1/81		To Collection €:	

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(06) PRELIMINARIES (Continued)</u>					
A	the Contractor shall comply with all fire safety procedures whether statutory or laid down by Local Authority Bye Laws, etc.	1	Item		
B	all equipment for use in hot work shall be made available to the Architect or Engineer for inspection when and as required. Any equipment failing to comply with the appropriate safety standard shall not be used in the works and shall be removed from the site immediately	1	Item		
C	flammable gas cylinders such as LPG, acetylene or oxygen tanks must be fitted with suitable anti flash back valves in accordance with BS 6158: current edition and double regulating valves.	1	Item		
D	transfer hose from cylinder to appliance shall be mechanically protected (braided type) and shall not exceed 6metres in length in accordance with BS 5120 Class B: current edition. All hoseline connections shall be of the crimped type	1	Item		
E	a competent person must manage and oversee any hot works on site	1	Item		
<u>Electric Welding Plant</u>					
F	protect the main supply with suitable overload protection and residual current protection device having a rating not exceeding 30mA	1	Item		
G	provide fixed wiring as close as possible to the welding device	1	Item		
H	provide as short as possible supply flex (less than 2 meters) of braided armoured, heavy duty flex. Braided armour shall be earthed	1	Item		
J	provide separate earth core to appliance and link to braided earth at both ends	1	Item		
Ref: 2793		PD 1/82		To Collection €:	

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(06) PRELIMINARIES (Continued)</u>					
A	use reduced low voltage, SELV, where required under Safety, Health and Welfare at Work Act. Where using a site transformer the mains supply to the transformer should comply with all of the above points	1	Item		
B	the Contractor must provide all necessary first aid equipment at each location of hot work on the site	1	Item		
C	first aid fire equipment must display annual inspection certification details and shall be maintained in good and satisfactory condition for the duration of the contract	1	Item		
D	the use of petrol generators will not be permitted on the site. All fuel containers i.e. diesel, gas, etc. shall be properly stored on site in approved steel containers.	1	Item		
E	the Contractor shall not operate any plant capable of emitting or generating flames without first submitting a properly authorised Hot Works Permit Application and Method Statement to the Employers Representative at least 72 hours before the work is scheduled to take place	1	Item		
<u>INSURANCES</u>			head3		
<u>Insurances Generally</u>			head4		
F	provide for all necessary insurances as detailed in Schedule, Part 1 in Volume B including Employers Liability, Public Liability, Contractors All Risk, etc.	1	Item		
<u>Performance Bond</u>			head4		
G	A performance bond is required. The amount of the performance bond shall be 12.5% of the initial Contract Sum up to certification of Substantial Completion of the Works, and 6.25% of the initial Contract Sum for the subsequent period stated in the form of bond in the Works Requirements. The cost of the bond is to be priced separately under the Element entitled "Bond"	1	Item		
<u>CERTIFICATION</u>			head3		
Ref: 2793		PD 1/83		To Collection €:	

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(06) PRELIMINARIES (Continued)</u>					
<u>The contractor shall provide for Building Control (Amendment) Regulations Ancillary Certification (as identified on the enclosed "Architect Ancillary Certs Required" document included with this tender). The Contractor shall note that this is non-exhaustive and the requirements of the above Design team members must be provided.</u>			head4		
A	Site development works including drainage, substructure & superstructure	1	item		
B	Waterproofing / DPC Injection	1	item		
C	Radon Mitigation	1	item		
D	Insitu Concrete	1	item		
E	Precast Concrete	1	item		
F	Prefabricated / precast stairs	1	item		
G	Cladding Panels	1	item		
H	Solar / PV Panels	1	item		
J	Masonry Supports	1	item		
K	Brick & Blockwork	1	item		
L	Parapet cappings	1	item		
M	Cavity Insulation	1	item		
N	Windows, Curtain Wall	1	item		
P	External Architectural doors	1	item		
Q	Structural steel – Primary & Secondary	1	item		
R	Roofing membrane & insulation	1	item		
S	Fire doors – supply & install	1	item		
T	Ironmongery / Door Hold Opens	1	item		
U	Mechanical Installations	1	item		
V	Ventilation	1	item		
Ref: 2793		PD 1/84		To Collection €:	

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(06) PRELIMINARIES (Continued)</u>					
A	Building Management System	1	item		
B	Pipework/ plumbing	1	item		
C	Air Conditioning	1	item		
D	Ductwork insulation & cladding install	1	item		
E	Electrical Installations	1	item		
F	Security Systems	1	item		
G	ICT System	1	item		
H	Generator	1	item		
J	Fire Alarm System	1	item		
K	Access Control & CCTV; supply, install & commissioning	1	item		
L	Intruder Alarm	1	item		
M	Automatic Opening Vents	1	item		
N	Lightning Protection	1	item		
P	Emergency Lighting	1	item		
Q	Signage	1	item		
R	Disabled refuge	1	item		
S	Airtightness	1	item		
T	Firestopping	1	item		
U	Cavity barriers & firestopping to window opes	1	item		
V	Fall arrest system	1	item		
W	Balustrades / guarding / external railings & gates	1	item		
X	Floor Finishes – vinyl, tile, trims, coving	1	item		
Y	Ceilings	1	item		
Z	Partitions	1	item		
AA	Door frames, sets, associated joinery, skirting & architraves	1	item		
AB	Cubicle system	1	item		
Ref: 2793		PD 1/85		To Collection €:	

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(06) PRELIMINARIES (Continued)</u>					
A	Fitted joinery – supply & install	1	item		
B	Specialist joinery – reception desks, etc.	1	item		
C	Sanitary ware installation	1	item		
D	IPS & vanity units	1	item		
E	Plastering – internal/external	1	item		
F	Blinds & curtains	1	item		
G	Painting & decorating	1	item		
H	External Paving	1	item		
J	Landscaping	1	item		
<u>ANY OTHER ITEMS</u>		1	item		
Quantity Adjustments			head3		
<u>The Contractor to include here for any quantity adjustments necessary on any of the above items</u>			head4		
A	.....		noid		
B	.....		noid		
C	.....		noid		
Any works deemed necessary to complete the work as indicated on the Engineer's drawings but not specifically identified and scheduled above			head3		
<u>The Contractor shall describe and include here for any additional items in Qty Unit Rate format</u>			head4		
A	.....		noid		
B	.....		noid		
C	.....		noid		
Ref: 2793		PD 1/86		To Collection €:	



Pricing Document

Description	Qty	Unit	Rate	Total
			€	€
<u>(06) PRELIMINARIES (Continued)</u>				
COLLECTION				
PD 1/1:				
PD 1/2:				
PD 1/3:				
PD 1/4:				
PD 1/5:				
PD 1/6:				
PD 1/7:				
PD 1/8:				
PD 1/9:				
PD 1/10:				
PD 1/11:				
PD 1/12:				
PD 1/13:				
PD 1/14:				
PD 1/15:				
PD 1/16:				
PD 1/17:				
PD 1/18:				
PD 1/19:				
PD 1/20:				
PD 1/21:				
PD 1/22:				
PD 1/23:				
PD 1/24:				
PD 1/25:				
PD 1/26:				
PD 1/27:				
PD 1/28:				
Ref: 2793	PD 1/87			

Pricing Document

Description	Qty	Unit	Rate	Total
			€	€
<u>(06) PRELIMINARIES (Continued)</u>				
PD 1/29:				
PD 1/30:				
PD 1/31:				
PD 1/32:				
PD 1/33:				
PD 1/34:				
PD 1/35:				
PD 1/36:				
PD 1/37:				
PD 1/38:				
PD 1/39:				
PD 1/40:				
PD 1/41:				
PD 1/42:				
PD 1/43:				
PD 1/44:				
PD 1/45:				
PD 1/46:				
PD 1/47:				
PD 1/48:				
PD 1/49:				
PD 1/50:				
PD 1/51:				
PD 1/52:				
PD 1/53:				
PD 1/54:				
PD 1/55:				
PD 1/56:				
PD 1/57:				
PD 1/58:				
Ref: 2793	PD 1/88			

Pricing Document

Description	Qty	Unit	Rate	Total
			€	€
<u>(06) PRELIMINARIES (Continued)</u>				
PD 1/59:				
PD 1/60:				
PD 1/61:				
PD 1/62:				
PD 1/63:				
PD 1/64:				
PD 1/65:				
PD 1/66:				
PD 1/67:				
PD 1/68:				
PD 1/69:				
PD 1/70:				
PD 1/71:				
PD 1/72:				
PD 1/73:				
PD 1/74:				
PD 1/75:				
PD 1/76:				
PD 1/77:				
PD 1/78:				
PD 1/79:				
PD 1/80:				
PD 1/81:				
PD 1/82:				
PD 1/83:				
PD 1/84:				
PD 1/85:				
PD 1/86:				
(06) PRELIMINARIES				
Carried to Summary:				
Ref: 2793	PD 1/89			

B: Building A

Pricing Document

Description	Qty	Unit	Rate	Total
			€	€
<u>(19) SUBSTRUCTURES</u>				
<u>GENERALLY</u>				
The Contractor should note the following				
<u>Notes</u>				
Refer to Architect's, Civil / Structural Engineer's and Building Service Engineer's Drawings, Reports & Specifications for full details, including Site Investigation Reports, Topographic surveys, Preliminary Trial Hole Logs, Preliminary Borehole Logs, Preliminary Rotary Core Logs		note		
All excavation is taken from formation level (+57.55m).		note		
All excavation to reduce levels is included elsewhere in Item (10) – Prepared Site.		note		
Vibro stone columns shall be designed, installed, tested and certified by a specialist contractor in accordance with BS EN 14731: Execution of Special Geotechnical Works – Ground Treatment by Deep Vibration, BS EN 1997 (Eurocode 7), the project geotechnical report and the Engineer's Specification		note		
Vibro Stone Columns Contractor to note proximity of proposed VSCs to adjacent buildings; vibration limit to be agreed with Engineer prior to commencement		note		
Ref: 2793 PD 2/1 To Collection €:				

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(19) SUBSTRUCTURES (Continued)</u>					
Noise and vibration monitoring will be required during the undertaking of these works and when requested to do so the Contractor must cease any works that are causing disruption to operations and either alternative times for undertaking such works agreed or an alternative methodology of undertaking these works agreed with the required parties. Method Statements are to be provided for such works and these are to be forwarded to the Architect and Engineers for comment, prior to the works being carried out. Approval or comments provided in respect of these Method Statement do not limit the Contractor's Liability in respect of health and safety and/or damage, personal or physical, or consequential damage arising from undertaking such works. In addition, claims for delay or disruption arising from any requirement to cease or stand down from such noisy or similar works will not be entertained by the Architect or Employer. The Contractor shall note the Water level is as per Site Investigation Report 17/04/2023 to 19/04/2023			note		
<u>EXCAVATION AND EARTHWORK: Excavation</u>					
Excavation					
<u>Foundation Trenches</u>					
A	depth not exceeding 2.00m	159	m3		
<u>Isolated Pits</u>					
B	depth not exceeding 2.00m; (lift pit)	9	m3		
Earthwork support ; all in accordance with Engineers Specification					
<u>Earthwork support</u>					
C	Foundations, maximum depth not exceeding 2.00m, distance between opposing faces not exceeding 2.00m	142	m2		
D	Isolated Pit; Not exceeding 2,000mm (Lift pit, Internal)	21	m2		
Ref: 2793		PD 2/2		To Collection €:	

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(19) SUBSTRUCTURES (Continued)</u>					
Working Space; backfilling with granular material, in 200mm compacted layers, platform to be of CBR 10% for ground improvement rig access; all in accordance with Engineers Specification					
<u>Working space</u>					
A	Foundations, maximum depth not exceeding 2,000mm	142	m2		
B	Isolated Pit; maximum depth not exceeding 2,000mm (Lift pit, Internal)	21	m2		
Disposal					
<u>Water</u>					
C	surface water; keeping the site free of surface water	1	Item		
D	ground water; keeping the excavations free of ground water	1	Item		
<u>Excavated material</u>					
E	off site	167	m3		
Filling; crushed stone					
<u>Filling hardcore; T0 fill material to facilitate the free movement of gas (radon) within the hardcore layer; fill material to SR21 Annex & 2014 + A1 2016; depositing and compacting in layers; all in accordance with the Engineers Specification's</u>					
F	to make up levels; average thickness not exceeding 250mm thick	180	m3		
<u>Filling hardcore; T1 fill material to facilitate the free movement of gas (radon) within the hardcore layer; fill material to SR21 Annex & 2014 + A1 2016; depositing and compacting in layers; all in accordance with the Engineers Specification's</u>					
G	to make up levels; average thickness not exceeding 250mm thick	144	m3		
Ref: 2793				PD 2/3	
				To Collection €:	

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(19) SUBSTRUCTURES (Continued)</u>					
<u>Filling hardcore; T2 fill material to facilitate the free movement of gas (radon) within the hardcore layer; fill material to SR21 Annex & 2014 + A1 2016; depositing and compacting in layers; all in accordance with the Engineers Specification's</u>					
A	to make up levels; average thickness not exceeding 250mm thick	144	m3		
Surface Treatments					
<u>Blinding filling</u>					
B	leveling with sharp sand to Engineers approval; horizontal; 50mm thick; compacted;	979	m2		
<u>PILING: Ground improvement works to strip foundations, pad foundations and lift pit</u>					
<u>Notes generally</u>					
C	Vibro stone columns, or similar approved, to be designed, installed and certified by a specialist contractor to the satisfaction of the Structural Engineer; refer to Engineer's drawings, ground / site investigation report and nature of the site in terms of restrictions and requirements in terms of noise and vibration monitoring, etc. are noted	1	Note		
D	All Vibro Stone Columns are to Specialist Design and Detailed by an approved Designer	1	Note		
E	The Contractor shall note the proximity of proposed Vibro Stone Columns to neighbouring structures. Vibration monitoring to be included for the duration of the piling works.	1	Note		
F	The final Vibro stone column solution will be to specialist design of the specified working loads	1	Note		
G	Vibro stone column designer to refer to SI reports. Design will ultimately be determined by vibro stone column designer.	1	Note		
Ref: 2793				PD 2/4	
				To Collection €:	

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(19) SUBSTRUCTURES (Continued)</u>					
A	Vibro stone columns shall be designed, installed, tested and certified by a specialist contractor in accordance with BS EN 14731: Execution of Special Geotechnical Works – Ground Treatment by Deep Vibration, BS EN 1997 (Eurocode 7), the project geotechnical report and the Engineer's Specification Mobilise & Demobilise; All costs associated with transport, mobilisation, demobilisation, of VSC equipment to and from site including rig, personnel, resources, etc. <u>On Site</u>	1	Note		
B	Generally <u>Set-up for each Vibro Stone Column</u>	1	Item		
C	Including setting up vibro stone column rig at each vibro stone column location <u>Design to be submitted</u>	1	Item		
D	Vibro stone column design report	1	Item		
E	Site specific statement	1	Item		
F	Installation layout drawings	1	Item		
	<u>Handover documentation</u>				
G	Production reports, HSE records, Upon works completion <u>Ancillary Certification</u>	1	Item		
H	Ancillary Certification for vibro stone column works, including Ancillary certificate of Design completion (Sc), inspection completion (Si) and specialist sub-contractor compliance (CS) Vibro Stone Columns or similar approved; designed to allowable ground bearing capacity of 200kPa under all pad foundations, strip foundations, and lift pit following completion of ground improvement works; Safe bearing capacity 200kN/m2 at a factor of safety of 1.5 (per vibro stone column) by a specialist piling Sub Contractor	1	Item		
Ref: 2793		PD 2/5		To Collection €:	

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(19) SUBSTRUCTURES (Continued)</u>					
<u>Vibro stone columns - Ground Improvement (foundations only)</u>					
A	Penetrating ground to designed depth with vibroflot, or similar, filling with graded crushed stone or similar approved, compacted into surrounding soils	1	Item		
Obstructions					
<u>Standing</u>					
B	Standing Time due to delays beyond the control of the VSC contractor	40	Hrs		
Pile Tests; complete					
<u>Vertical Load Testing</u>					
C	Vertical load testing on heads of VSCs; including mobilisation	1	Item		
<u>Other Testing</u>					
D	The contractor shall include for all other testing required as part of their quality assurance and controls	1	Item		
<u>Vibration monitoring</u>					
E	Vibration Monitoring for the duration of the VSC works; reports to be provided to the ER daily, (minimum of 2 No.) vibration monitors to be installed; Max PPV 5.0mm/s; Locations To be confirmed on site	1	Item		
Piling mat					
<u>Contractor to allow for temporary working platform 400mm thick. Platform to be granular material of CBR 10% for Ground improvement access, including removal on completion</u>					
F	Installation of suitably sized piling mat, and removal on completion	1	Item		
<u>CONCRETE WORK: In-Situ Concrete</u>					
Plain in-situ concrete; C15/20; vibrated; all in accordance with the Engineers Specification's					
Ref: 2793		PD 2/6		To Collection €:	

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(19) SUBSTRUCTURES (Continued)</u>					
<u>Blinding</u>					
A	beneath foundations; poured on or against earth or unblinded hardcore	16	m3		
Plain in-situ concrete; C30/37; vibrated; all in accordance with the Engineers Specification's					
<u>Foundations</u>					
B	foundations generally; poured on or against blinding	102	m3		
<u>Isolated Foundations</u>					
C	isolated foundations; poured on or against blinding; (Lift pit)	4	m3		
Reinforced in-situ concrete; Grade C30/37-D20-S2-XC2); vibrated; all in accordance with the Engineers Specification's					
<u>Beds</u>					
D	exceeding 150mm thick; (Ground floor)	144	m3		
<u>Extra over for:</u>					
E	Special requirements to finishes; circa 20mm recess to be formed in in Concrete Bed for matwell (measured elsewhere); Overall Size: L: 3,750mm x W: 3,050mm	1	nr		
F	Special requirements to finishes; working around floor boxes (measured elsewhere);	13	nr		
G	Special requirements to finishes; working around Twin compartment floor trunking (measured elsewhere);	35	m		
<u>Walls</u>					
H	exceeding 150mm thick; (Lift, Internally)	4	m3		
<u>Columns, RC Stubs</u>					
J	Cross Sectional Area exceeding 0.10m2	1	m3		
<u>Columns</u>					
K	Cross Sectional Area exceeding not 0.10m2 (circular)	1	m3		

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(19) SUBSTRUCTURES (Continued)</u>					
A	Cross Sectional Area exceeding 0.10m2 <u>Column casing</u>	1	m3		
B	RC Stub Columns for steel columns, cross sectional area not exceeding 0.10m2 Labours <u>Cutting holes</u>	1	m3		
C	Cutting or forming recesses in reinforced concrete beds to receive Electrical Floor Boxes - 305mm x 225mm x 100mm deep <u>CONCRETE WORK: Sundries</u> Design Joints; control joints; 6 x 40mm deep; filled with Thioflex 600 Sealeant by Fosroc-Expandite or equally approved; all in accordance with the Engineers Specification's <u>Control Joints</u>	13	nr		
D	6 x 40mm deep; (All areas) Waterstops; Supercast Hydrofoil 250 waterbar across construction joint; insulated to manufactures instructions; all in accordance with the Engineers Specification's <u>Waterstops; horizontal</u>	110	m		
E	Hydrofoil 250 waterbar; (Lift pit, Internally) Saw-cut Joints; saw joints; 3 x 66mm deep; withing 25 hours of placing concrete; saw-cut joint filled with colpor 200PF joint sealer by fosroc or equal approved. all in accordance with the Engineers Specification's <u>saw-cut Joints</u>	11	m		
F	3 x 66mm deep; (All areas)	110	m		

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(19) SUBSTRUCTURES (Continued)</u>					
Joints between RC columns and blockwork; wall tie back to rectangular columns; between masonry wall and concrete column to be lined with 10mm polyethylene joint fill or similar joint; all in accordance with the Engineers Specification's					
<u>wall tie joints</u>					
A	10mm thick	5	m		
Special connections, Wall tie back; wall tie back with Halfen hl 28/15 vertical channel (oea) fixed back to steel column using 5.5 x 50mm heavy Duty tek screws @ 225mm vertical c/c to allow for 225mm long ancon sd21 tie (oea) @ 450mm Vertical c/c. Allow for end of each wall panel to be debonded with sleeve; all in accordance with the Engineers Specification's					
<u>wall tie joints</u>					
B	5.5 x 50mm size; RC column	43	nr		
C	5.5 x 50mm size; to lift walls	12	nr		
Surface Finishes					
<u>Power-floating beds</u>					
D	not exceeding 150mm thick	717	m2		
Labours					
<u>Cutting recess in lift pit to act as sump, including all formwork necessary</u>					
E	300mm x 300mm x 200mm deep; (Lift pit, Internally)	1	nr		
<u>CONCRETE WORK: Reinforcement</u>					
Reinforcement bars; high yield bars & links; straight or bent; all in accordance with the Engineers Specifications					
<u>Bars</u>					
F	straight or bent; various diameter; nominal sizes not exceeding 12mm dia.; pad foundations	0.28	t		

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(19) SUBSTRUCTURES (Continued)</u>					
A	straight or bent; various diameter; nominal sizes 12mm to 25mm dia.; pad foundations	2.89	t		
B	straight or bent; various diameter; nominal sizes not exceeding 12mm dia.; lift base	0.08	t		
C	straight or bent; various diameter; nominal sizes 12mm to 25mm; lift base	0.49	t		
D	straight or bent; various diameter; nominal sizes not exceeding 12mm dia.; columns	0.10	t		
E	straight or bent; various diameter; nominal sizes 12mm to 25mm dia.; columns	0.10	t		
Reinforcement fabric mesh; 450mm side and end laps; minimum 50mm cover; all in accordance with the Engineers Specification's; no allowance in measurement for laps					
<u>Fabric Mesh Reinforcement</u>					
F	A393 anti crack mesh Fabric Reinforcement; exceeding 300mm wide; horizontal; floor slab	717	m2		
G	A393 Fabric Reinforcement; exceeding 300mm wide; horizontal; foundations	254	m2		
<u>CONCRETE WORK: Formwork</u>					
Formwork generally; finish as per Engineers specification					
<u>Sides of Foundations</u>					
H	height exceeding 250mm not exceeding 500mm ;	676	m		
<u>Kickers</u>					
J	Walls; 150mm high x 215mm wide	191	m		
K	Columns, isolated, circular, 300mm dia. 150mm height	8	nr		
L	Columns, isolated, rectangular; L:215mm x W:440mm x H:150mm	12	nr		
M	Column casings, isolated, rectangular, 400mm x 400mm	1	nr		

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(19) SUBSTRUCTURES (Continued)</u>					
<u>Walls; Vertical</u>					
A	not exceeding 4,000mm high (Lift pit, Internally)	33	m2		
<u>Columns</u>					
B	isolated; rectangular; height not exceeding 4,000mm	5	m2		
C	isolated; Circular ; height not exceeding 4,000mm	8	m2		
<u>Column casing</u>					
D	isolated, for steel column, rectangular	1	m3		
<u>BRICKWORK AND BLOCKWORK: Brickwork/Blockwork</u>					
Solid concrete blockwork; compressive strength 13N/mm2; bedded in sand and cement mortar (1:3); stretcher bond; forming vent opes in blockwork as work proceeds; all in accordance with the Engineers Specification's					
<u>Walls in trenches</u>					
E	215mm thick	86	m2		
F	440mm thick	3	m2		
G	550mm thick	56	m2		
Thermal concrete block; 18N/mm2 thermal concrete block on flat to I.S. EN 771- 3:2011+A1:2015 standards ; all in accordance with the Engineers Specifications					
<u>Walls in trenches</u>					
H	215mm thick	43	m2		
J	440mm thick	29	m2		
Bonding to other work					
<u>Bonding blockwork to RC Walls</u>					
K	Bonding using dove tail ties min 150mm long at 450mm centres; including cast in Abbey Slot style proprietary channel	20	m		
Ref: 2793		PD 2/11		To Collection €:	

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(19) SUBSTRUCTURES (Continued)</u>					
Forming or cutting holes for drainage and services through walls; including for inserting precast lintels; backfilling ope after pipework installation with cement mix; making good to surrounds on completion; all in accordance with the Engineers Specification's					
<u>Like items</u>					
A	opes for drainage & services; 550mm thick external rising walls	1	Item		
<u>BRICKWORK AND BLOCKWORK: Ancillaries to Brickwork / Blockwork</u>					
Closing cavities at doors and curtain wall; 125mm thick cavities; including additional wall ties; all in accordance with the manufacturers instructions, Architects Drawing's and Engineers specifications & details					
<u>Closing Cavities</u>					
B	550mm wide	21	m		
<u>Designed Joints</u>					
<u>Control Joint to blockwork walls; 10 wide joint sealed with 13mm wide compressible polyethylene foam with a bond breaker, and 2 part polysulphide sealant; 300mm long stainless steel ties (Ancon PPS O.E.A.) with plastic de-bonding sleeve; all in accordance with Engineer's Drawings and Specifications</u>					
C	Movement Joint; 215mm blockwork	24	m		
Ref: 2793		PD 2/12		To Collection €:	

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(19) SUBSTRUCTURES (Continued)</u>					
Damp proof courses; 100mm laps; jointing with jointing tape; bedded in gauge mortar; no allowance in measure for laps; Damp-proof course to conform with I.S. 57:1987, BS 743, BS 6398, BS 6515, BS 8215 or CP 102 and must comply with Technical Guidance Document C (TGD-C) of the Irish Building Regulations; Gauge / thickness to be a minimum 0.5mm – 0.8mm for polyethylene or co-polymer thermoplastic (CPT) rolls and must have an NSAI Agrément certificate or a third-party accreditation like the British Board of Agrément (BBA). all in accordance with the Architect's Specifications					
A	Horizontal; exceeding 300mm wide	111	m2		
<u>ROOFING, CLADDING AND WATERPROOFING: Mastic Asphalt and Gas Proof Non-Metal Flexible Sheet Coverings</u>					
Tanking <u>Tanking of lift pit using Fosroc Proofex Engage waterproofing membrane OEA. installation of tanking/waterproofing shall be carried out in strict accordance with manufacturers specification and details</u>					
B	Horizontal; exceeding 300mm wide	16	m2		
C	Vertical; exceeding 300mm wide	17	m2		
Gas proofing / Damp proofing <u>Loose laid 1200 gauge certified radon membrane barrier; laid strictly in accordance with the manufacturers instructions on 50mm sand blinding (measured elsewhere); no allowance for laps; including Butyl rubber adhesive tapes; all in accordance with the Architects Drawings and Specification</u>					
D	horizontal; exceeding 300mm wide; wrapping up and around rising walls	758	m2		
E	Vertical; not exceeding 300mm wide; wrapping up and around rising walls	156	m2		
Ref: 2793		PD 2/13		To Collection €:	

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(19) SUBSTRUCTURES (Continued)</u>					
<u>Extra over</u>					
A	sealing around pipe penetrations or the like; 100mm diameter pipes; top hat collars	15	nr		
<u>WOODWORK; Ironmongery, Accessories & Sundries</u>					
Rigid P.I.R underfloor insulation with thermal conductivity of 0.022w/mk or better with and floor elemental U-value of 0.21W/m2K or better ; laid in accordance with manufacturer's instructions; no gaps; Premiter insulation to have minimum R value of 1.1m2K/W; all in accordance with the Engineer's Specification					
<u>Thermal Insulation</u>					
B	horizontal; 150mm thick	717	m2		
C	vertical; 25mm thick	78	m2		
<u>Sundries</u>					
<u>Air seal ; to be provided between floor and masonry with a flexible sealer or suitable air seal tape " isover' Vario bond or equal approved with steel angel to perimeter; all in accordance with the Engineer's Specification</u>					
D	horizontal; not exceeding 300mm wide	518	m		
<u>FOUL DRAINAGE BENEATH FLOOR SLAB</u>					
<u>BRICKWORK AND BLOCKWORK: Brickwork/Blockwork</u>					
Forming or cutting holes for drainage and services through walls; including for inserting precast lintels; backfilling ope after pipework installation with cement mix; making good to surrounds on completion; all in accordance with the Engineer's Specifications					
<u>Like items</u>					
E	opens for drainage & services; 215mm thick internal rising blockwork walls	22	nr		

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(19) SUBSTRUCTURES (Continued)</u>					
A	opens for drainage & services; 550mm thick external rising blockwork walls	7	nr		
<u>DRAINAGE: Below Ground</u>					
Excavating trenches; starting from finished ground level; grading bottoms; earthwork support; disposing of surplus excavated material off site; filling in over bed and surround with clause 808 hardcore, compacted in 200mm maximum layers; all in accordance with Engineer's Specifications					
<u>Pipes not exceeding 250mm nominal size</u>					
B	Average depth 500mm - 1,000mm	85	m		
Disposal					
<u>Ground Water</u>					
C	Generally	1	Item		
<u>Surface Water</u>					
D	Generally	1	Item		
Beds and surrounds					
<u>Selected granular material in accordance with Engineer's specification</u>					
E	400mm wide x 400mm thick bed and surround; to 100mm pipe;	85	m		
Pipes					
<u>uPVC pipes to I.S. 424; spigot and socket flexible joints in the running length; at 1:50 fall; all in accordance with the Engineers Specification's</u>					
F	200mm diameter. pipework; laid in hardcore bed	85	m		
G	Pipework pop-up connections	16	nr		
Extra over pipes on which they occur for					
<u>Bends</u>					

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(19) SUBSTRUCTURES (Continued)</u>					
A	200mm pipe; long radius	8	nr		
Testing and commissioning					
<u>Testing</u>					
B	Testing the foul water drainage system to the Architects satisfaction as the work proceeds and on completion	1	Item		
<u>RADON DRAINAGE BENEATH FLOOR SLAB</u>					
<u>BRICKWORK AND BLOCKWORK: Brickwork/Blockwork</u>					
Forming or cutting holes for drainage and services through walls; including for inserting precast lintels; backfilling ope after pipework installation with cement mix; making good to surrounds on completion; all in accordance with the Engineer's Specifications					
<u>Like items</u>					
C	opens for drainage & services; 215mm thick internal rising blockwork walls	4	nr		
D	opens for drainage & services; 550mm thick external rising blockwork walls	4	nr		
uPVC pipes; I.S. 424; joints in the running length					
<u>110mm pipework; in trenches</u>					
E	laid in position horizontal	28	m		
<u>Extra over pipes on which they occur for</u>					
F	90 degree bends, 110mm pipework	4	nr		
G	Radon sump	4	nr		
H	easi-sump identifiable ground cap for subfloor radon pipe network	4	nr		
Testing and commissioning					
<u>Testing</u>					
J	Testing the Radon Drainage system to the Architects satisfaction as the work proceeds and on completion	1	Item		

Pricing Document

Description	Qty	Unit	Rate	Total
			€	€
<u>(19) SUBSTRUCTURES (Continued)</u>				
<u>ANY OTHER ITEMS</u>				
Quantity Adjustments				
<u>The Contractor to include here for any quantity adjustments necessary on any of the above items</u>				
A		noid		
B		noid		
C		noid		
Any works deemed necessary to complete the work as indicated on the Architect's / Engineers drawings but not specifically identified and scheduled above				
<u>The Contractor shall describe and include here for any additional items in Qty Unit Rate format</u>				
A		noid		
B		noid		
C		noid		
Total				
Ref: 2793 PD 2/17 To Collection €:				

Pricing Document

Description	Qty	Unit	Rate	Total
			€	€
<u>(19) SUBSTRUCTURES (Continued)</u>				
COLLECTION				
PD 2/1:				
PD 2/2:				
PD 2/3:				
PD 2/4:				
PD 2/5:				
PD 2/6:				
PD 2/7:				
PD 2/8:				
PD 2/9:				
PD 2/10:				
PD 2/11:				
PD 2/12:				
PD 2/13:				
PD 2/14:				
PD 2/15:				
PD 2/16:				
PD 2/17:				
(19) SUBSTRUCTURES				
Carried to Summary:				
Ref: 2793 PD 2/18				

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(21) EXTERNAL WALLS</u>					
<u>GENERALLY</u>					
The Contractor should note the following					
<u>Notes</u>					
Refer to Architect's / Civil & Structural / Building Service Engineer's Drawings & Specifications for full details			note		
Weep holes spaced maximum of 900 mm to 1000 mm centres horizontally.			note		
Unless otherwise described, making good to the structure and remaining finishes are deemed included within the description of the items included in this element.			note		
The Contractor is deemed to have visited the site and to have familiarised himself with the full scope and intent of the Works as described in the Tender Documents, including any restrictions or constraints placed on carrying out the various operations.			note		
<u>CONCRETE WORK: In-Situ Concrete</u>					
Reinforced In-situ concrete; comprising compressive strength class C30/37; maximum aggregate size 20mm; slump class S3; exposure condition XC2; vibrated; all in accordance with Engineers specification					
<u>Sundries</u>					
A	infill to concrete U-block	1	m3		
<u>CONCRETE WORK: Reinforcement</u>					
Bar; straight or bent; Grade EN00B; complying with EN4449 standard; required overlap; as per the Engineers specification.					
<u>Bars</u>					
B	Straight or bent, less than or equal to 12mm dia, H12 bars; to concrete U block	0.13	t		
<u>Concrete Work: Precast Concrete/Composite Construction/Stone Faced Concrete Panels</u>					
Ref: 2793		PD 3/1		To Collection €:	

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(21) EXTERNAL WALLS (Continued)</u>					
Precast U-block; including all necessary fixing; complete as per Engineer's Drawings and specification					
<u>Like items; U-block</u>					
A	215mm x 215mm x 440mm precast U-block	30	m		
<u>Brickwork and Blockwork: Brickwork/Blockwork</u>					
100mm Facing Brick External Leaf Wall to selected shade approved by the Architect; External facing brickwork shall be supplied and constructed using 100 × 65 × 215mm wire-cut facing bricks complying with BS EN 771-1 and S.R. 325:2013+A2:2018/AC:2019 and have a Declaration of Performance (DoP); Dimensional tolerance class: T1, Dimensional range: R1. Active Soluble Salts Classification: S2 (low risk of efflorescence); and having a minimum compressive strength of 45N/mm ² ; Bricks shall be laid in stretcher bond with 10mm coloured mortar joints and 5mm recessed pointing to I.S. EN 998 2 (masonry mortar) to shade selected by the Architect; All mortar, wall ties, scaffolding, and ancillary works shall be included in accordance with the drawings and specifications."					
<u>Walls; Brickwork</u>					
B	100mm thick	176	m2		
C	Extra over; reveals of openings; return brick to close cavity	151	m		
<u>Labours</u>					
D	On brickwork	1	Item		
Ref: 2793		PD 3/2		To Collection €:	

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(21) EXTERNAL WALLS (Continued)</u>					
Blockwork; 100mm Thick Solid Concrete Blockwork Outer Leaf; minimum 13N/mm² solid concrete blockwork outer leaf shall be provided and constructed using blocks complying with I.S. EN 771-3:2011+A1:2015, laid on edge / flat in approved mortar and in half-lap stretcher bond; flush pointing blockwork to both sides as works progress, Minimum 325mm long stainless steel anti-drip cavity wall ties shall be installed at a minimum density of 2.5 ties/m², including additional ties at openings, movement joints, and wall junctions; All fixings and ancillary works shall be included in accordance with the drawings and specifications.					
<u>Walls; Concrete blockwork</u>					
A	100mm thick	66	m2		
B	Extra over; reveals of openings; return block to close cavity	25	m		
<u>Labours</u>					
C	On blockwork	1	Item		
215mm Thick Solid Concrete Blockwork Inner Leaf; minimum 13N/mm² solid concrete blockwork inner leaf shall be provided and constructed using blocks complying with I.S. EN 771-3:2011+A1:2015, laid flat in approved mortar and in half-lap stretcher bond; flush pointing blockwork to both sides as works progress, Minimum 325mm long stainless steel anti-drip cavity wall ties shall be installed at a minimum density of 2.5 ties/m², including additional ties at openings, movement joints, and wall junctions. All fixings and ancillary works shall be included in accordance with the drawings and specifications.					
<u>Walls; Concrete blockwork</u>					
D	Inner leaf; 215mm thick	508	m2		
E	Outer leaf; 215mm thick	24	m2		
<u>Labours</u>					

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
A	<u>(21) EXTERNAL WALLS (Continued)</u>				
	On blockwork	1	Item		
	<u>Brickwork and Blockwork: Ancillaries to Brickwork/Blockwork</u>				
	Forming Cavities Between New Walls and structure; 150mm wide cavities shall be formed to accommodate 150mm expanded polystyrene (EPS) insulation bead (measured elsewhere), complete with minimum 325mm long stainless steel wall ties complying with EN 845-1:2013, embedded 62.5mm minimum into masonry joints and installed at 450mm horizontal and 450mm vertical centres, to increase to 225 vertical centres and within 150mm of openings, window and door reveals; All wall ties, fixings, and ancillary works shall be included in accordance with the drawings, specifications, and manufacturer's recommendations.				
	<u>Forming cavities; Between walls</u>				
B	150mm thick	242	m2		
	Insulated Cavity Closers to Door and Window Openings; Approved insulated cavity closers shall be supplied and installed around all door and window openings, with insulation complying with the relevant IS EN 1316x series and tested to IS EN 1366-4:2021; Cavity closers shall achieve ψ -values in accordance with BRE IP1/06 and hold current BBA/IAB Agrément certification; All insulation, fixings, fire-stopping, sealing, and ancillary works shall be included in accordance with the drawings, specifications, and manufacturer's recommendations.				
	<u>Closing cavities</u>				
C	horizontal; 150mm cavity	124	m		
D	vertical; 150mm cavity	54	m		
Ref: 2793		PD 3/4		To Collection €:	

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(21) EXTERNAL WALLS (Continued)</u>					
Damp Proof Course (DPC) Membrane; Damp-proof course to conform with I.S. 57:1987, BS 743, BS 6398, BS 6515, BS 8215 or CP 102 and must comply with Technical Guidance Document C (TGD-C) of the Irish Building Regulations; Gauge / thickness to be a minimum 0.5mm – 0.8mm for polyethylene or co-polymer thermoplastic (CPT) rolls and must have an NSAI Agrément certificate or a third-party accreditation like the British Board of Agrément (BBA); Approved DPC membrane shall be supplied and installed beneath window sills to prevent the passage of moisture; All laps, joints, sealing, flashings, fixings, and ancillary works shall be included in accordance with the drawings, specifications, and manufacturer's recommendations.					
<u>Vertical</u>					
A	not exceeding 225mm wide; window & door jambs	73	m		
<u>Horizontal</u>					
B	Width not exceeding 225mm	126	m		
C	exceeding 225mm wide; stepped across window & door heads/cills	82	m2		
12.5mm wide expansion joints shall be formed with 12.5mm Flexcell or approved equivalent compressible filler and Ancon PPS 300 debonded ties or approved equivalent at 225mm vertical centres; All fillers, ties, fixings, sealants, and ancillary works shall be included in accordance with the drawings, specifications, Engineer's details, and manufacturer's recommendations.					
<u>Designed joint</u>					
D	Expansion Joint; 100mm brickwork	36	m		
Ref: 2793		PD 3/5		To Collection €:	

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(21) EXTERNAL WALLS (Continued)</u>					
12.5mm wide expansion joints shall be formed with 12.5mm Flexcell or approved equivalent compressible filler and Ancon PPB 225 debonded L-ties or approved equivalent at 225mm vertical centres, fixed to steel columns using Tapcon Hex Head 4H057 (6mm × 57mm) fixings or approved equivalent; All fillers, ties, fixings, and ancillary works shall be included in accordance with the drawings, specifications, and Engineer's details. <u>Designed joint</u>					
A	Expansion Joint; 215mm blockwork Internal Head Restraint to Infill Masonry Panels; Ancon IHR-V Internal Head Restraint System or approved equivalent shall be supplied and installed to connect infill masonry panels to the surrounding structure at head level; Restraints shall be installed at 450mm horizontal centres in accordance with the Engineer's details and manufacturer's recommendations; All fixings, brackets, anchors, stainless steel components, and ancillary works shall be included <u>Designed joint</u>	72	m		
B	Bonding walls to head beams; 100mm thick	114	m		
C	Bonding walls to head beams; 215mm thick	234	m		
Blockwork Connection to RC Columns / Walls; SPS Ancon Wall ties 300mm long to masonry debonded sleeve or approved equivalent shall be supplied and installed to connect blockwork to RC columns and walls at 225mm vertical centres, fixed into reinforced concrete; sealed with 13mm wide compressible polyethylene foam with a bond breaker, and 2 part polysulphide sealant; All ties, fixings, anchors, sleeves, and ancillary works shall be included in accordance with the drawings, specifications, Engineer's details, and manufacturer's recommendations.					
D	Bonding walls to RC columns; 100mm thick	31	m		

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(21) EXTERNAL WALLS (Continued)</u>					
A	Bonding walls to RC columns; 215mm thick Weep-holes to External Brickwork; Polypropylene Euroweep Vents 49 × 87 × 9mm or approved equivalent shall be supplied and installed at the base of brickwork and above lintels/windows, providing a free airflow area of approximately 300mm² per unit and installed at 900mm to 1000mm maximum centres; All weep-hole vents, fixings, and ancillary works shall be included in accordance with the drawings, specifications, and Architect's instructions. <u>Sundries</u>	58	m		
B	Weep-holes <u>Roofing, Cladding and Waterproofing: Rigid Sheet Coverings and Decking</u> Panel Bearers to support overhanging External Wall Cladding; Panel bearers shall be supplied and installed to support overhanging external wall cladding, at maximum 1500mm centres; All bearers, brackets, supports, fixings, corrosion protection, and ancillary works shall be included in accordance with the Engineer's details and manufacturer's recommendations. <u>Bearings</u>	142	nr		
C	Girth not exceeding 150mm <u>Roofing, Cladding and Waterproofing: Flexible Sheet Metal Coverings</u>	17	m		
Ref: 2793		PD 3/7		To Collection €:	

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(21) EXTERNAL WALLS (Continued)</u>					
Aluminum Window Head Flashing; 3mm thick folded polyester powder-coated Aluminum window head flashings shall be supplied and installed to match the adjacent sill profile and finish, complete with incorporated insulation; All insulation, fixings, sealants, jointing materials, weatherproofing, and ancillary works shall be included in accordance with the drawings and specifications.					
<u>Flashings</u>					
A	Girth 150mm - 300mm; fixed to cladding panels, brickwork and blockwork	147	m		
Aluminum Window Jamb Reveal Flashing; 3mm thick folded polyester powder-coated Aluminum window jamb reveal flashings shall be supplied and installed to match the window sill profile and finish; All fixings, sealants, jointing materials, weatherproofing, and ancillary works shall be included in accordance with the drawings, specifications, and manufacturer's recommendations.					
<u>Flashings</u>					
B	Girth 150mm - 300mm; fixed to cladding panels, brickwork and blockwork	73	m		
Pressed Metal Cover Flashing at DPC Level; Pressed metal cover flashings shall be supplied and installed at DPC level to external walls to direct rainwater clear of the wall face and prevent water ingress; All fixings, supports, sealants, jointing materials, weatherproofing, and ancillary works shall be included in accordance with the drawings and specifications.					
<u>Flashings</u>					
C	Girth 300mm - 450mm; fixed to cladding panels, brickwork and blockwork	54	m		
Ref: 2793		PD 3/8		To Collection €:	

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(21) EXTERNAL WALLS (Continued)</u>					
Integrated Aluminum flashing at abutment of brickwork / blockwork; 3mm thick folded polyester powder-coated Aluminum integrated flashings shall be supplied and installed, complete with cavity insulation and 2mm thick Aluminum backing sleeves to butt joints; All insulation, fixings, sealants, jointing materials, weatherproofing, and ancillary works shall be included in accordance with the drawings and specifications. <u>Flashings</u>					
A	Girth 300mm - 450mm; fixed to cladding panels, brickwork and blockwork Integrated Aluminum Window Sill; 3mm thick folded polyester powder-coated Aluminum integrated sills shall be supplied and installed, complete with cavity insulation and 2mm thick Aluminum backing sleeves to butt joints; All insulation, fixings, sealants, jointing materials, weatherproofing, and ancillary works shall be included in accordance with the drawings and specifications. <u>Sills</u>	65	m		
B	Girth 150mm - 300mm; fixed to cladding panels, brickwork and blockwork <u>Woodwork: Insulation, Ironmongery, Accessories and Sundries</u>	126	m		
Ref: 2793		PD 3/9		To Collection €:	

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(21) EXTERNAL WALLS (Continued)</u>					
A	150mm Thick Cavity Wall Thermal Insulation System; 150mm loose fill expanded polystyrene (EPS) bead insulation supplied and injected with a binding agent to a 150mm cavity; KOREFILL Diamond Cavity Blown or equal approved Insulation Bead having a maximum thermal conductivity of 0.033 W/mK to achieve a maximum wall elemental U-value of 0.21 W/m²K; to be in accordance with BS EN ISO 6946 calculations agreement certified (NSAI Cert 07/0293); All insulation materials, cavity filling, wall ties, fixings, sealing, and ancillary works shall be included in accordance with the manufacturer's recommendations and project specifications. <u>Insulation; thermal</u> 150mm thick	242	m2		
	Air Seal to Overhanging External Wall Cladding; Gun-grade butyl sealant shall be applied to male joints in line with the internal air seal at interfaces and junctions associated with overhanging external wall cladding to provide a continuous airtight seal; All surface preparation, backing materials, sealants, and ancillary works shall be included in accordance with the manufacturer's recommendations, project specifications, and approved drawings. <u>Sundries; air seals</u> 100mm thick				
B	<u>Structural: Steelwork</u> Insulated Double Leaf Steel Lintel in Brick Facades; Keystone S/K-150 (215 WIL) or approved equivalent insulated double leaf steel lintels shall be supplied and installed to brick facades; All bearings, fixings, supports, insulation, and ancillary works shall be included in accordance with the drawings, specifications, and manufacturer's recommendations.	9	m		
Ref: 2793		PD 3/10		To Collection €:	

**Brennan
Associates**

Description	Qty	Unit	Rate	Total
			€	€
<u>(21) EXTERNAL WALLS (Continued)</u>				
<u>Lintels</u>				
1,420mm long	1	nr		
2,300mm long	3	nr		
2,605mm long	1	nr		
Single Leaf Steel Lintel in Brick Facades; Keystone S/K-150 (215 WIL) or approved equivalent single leaf steel lintels shall be supplied and installed to brick facades; All bearings, fixings, supports, and ancillary works shall be included in accordance with the drawings, specifications, and manufacturer's recommendations.				
<u>Lintels</u>				
3,265mm long	1	nr		
3,300mm long	1	nr		
5,332mm long	1	nr		
Cold rolled members				
<u>Kingspan Purlins / cladding rails, hot dipped galvanised steel; including all fixings, flashings, trims, closures and trimming around openings, anti-sag measures, rafter restraints, support brackets, etc. as recommended by the manufacturer; all to the full satisfaction of the Structural Engineer</u>				
Multibeam, mechanically fixed to band beam	1.70	t		
<u>Proprietary cleats, drilled and fixed to reinforced concrete band beams with appropriate fixings</u>				
Multibeam - concrete cleats	391	nr		
<u>Metalwork: Non-Structural</u>				

Ref: 2793

PD 3/11

To Collection €:

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(21) EXTERNAL WALLS (Continued)</u>					
Steel support plates, brackets and ties for external window systems: Galvanised steel flats 150mm X 8mm X c. 350mm length plates, with 4nr 10mm dia. countersunk holes; 2mm dense PVC sheet thermal break layer at 750 centre to centre, 10mm cadmium plated hex head bolts fixed chemfix adhesive system ;to the soffit of the band beams at the head and at the RC cill cantilevering outwards with slot holes (2no. per plate), 15mm X 50mm long. <u>Galvanised steel flats 150mm X 8mm X c. 350mm length plates</u>					
A	at window cill level	182	nr		
B	at window head level	182	nr		
Weatherproof Silicone Sealant Bead at DPC Level; A 10mm external weatherproof silicone sealant bead shall be applied to the top of flashing at DPC level to provide a continuous watertight seal; All surface preparation, primers, backing materials, sealants, and ancillary works shall be included in accordance with the manufacturer's recommendations and project specifications. <u>Bars, rods and the like; beading</u>					
C	10mm thick	54	m		
Weather-Resistant Silicone Sealant; Durable weather-resistant silicone sealant shall be applied to all window perimeter joints and interfaces requiring weatherproof sealing in accordance with the window manufacturer's specification; All surface preparation, primers, backing materials, sealants, and ancillary works shall be included to provide a complete weather-tight seal. <u>Bars, rods and the like; beading</u>					
D	Window beading	366	m		
<u>Façade Systems and Curtain Walling</u>					

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(21) EXTERNAL WALLS (Continued)</u>					
91mm PIR Insulated External Wall Cladding Panel System; 91mm thick PIR insulated external wall panels, to have a Thermal Conductivity (λ) of 0.020 W/m.K. or better, comprising 0.7mm external grade coated steel facing with fine micro-ribbed profile in the Architect's selected colour, 90mm PIR insulation core, and 0.7mm white coated internal steel facing, complete with factory-applied side joint seals; Panels shall be horizontally laid and fixed to approved cladding rails and vertical multi-beams; The system shall comply with BS EN 14509, achieve Class O to BS 476 Part 6:2009 and compliant with the requirements of LPS 1181 Grade EXT-B, BROOF(t4) classification in accordance with EN 13501-5, and hold NSAI Agrément Certification; All panels, fixings, flashings, sealants, insulation, certification, and ancillary works shall be included in accordance with the drawings and specifications. <u>Façade and curtain walling systems</u>					
A	Exceeding 300mm wide	513	m2		
Overhanging External Wall Cladding Junction; The overhanging external wall cladding junction shall be supplied and installed comprising a 91mm PIR insulated external wall panel system and site-applied rigid insulation, complete with film-backed butyl tape to panel joints, SGV15P 20 × 9mm PVC foam tape air seals, and self-drilling self-tapping fixings with minimum 16mm diameter non-ferrous EPDM-backed washers; All supports, brackets, flashings, trims, sealants, insulation, weatherproofing, airtightness measures, and ancillary works shall be included in accordance with the drawings, Engineer's details, specifications, and manufacturer's recommendations. <u>Junction with other materials/systems</u>					
B	Overhead hanging junction	9	m2		
Ref: 2793		PD 3/13		To Collection €:	

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(21) EXTERNAL WALLS (Continued)</u>					
Aluminum Drip and Soffit Flashings; 3mm thick Aluminum drip and soffit flashings shall be supplied, fabricated, and installed complete with 100mm wide sealed butt straps, 4mm diameter butyl rubber sealant, pop rivets or approved equivalent at maximum 450mm centres, AWP joint filler bedded on silicone sealant, and low-profile stitching screws with minimum 14mm diameter non-ferrous EPDM-backed washers at maximum 450mm centres; All cutting, drilling, sealing, fixing, and ancillary works shall be included in accordance with the drawings and specifications.					
<u>Flashing</u>					
A	exceeding 150mm girth	9	m		
Insulated Pressed Metal Flashing; 140 × 50mm horizontal insulated pressed metal galvanised flashings shall be supplied and installed at the junction between the brick / rendered block wall and insulated cladding panels; girth:140mm; bends: 1nr mechanically fixed to cill drip; All insulation, fixings, sealants, jointing materials, weatherproofing, and ancillary works shall be included in accordance with the Architect's details, drawings, and specifications.					
<u>Flashing</u>					
B	metal flashing; girth not exceeding 150mm	126	m		
G316 Stainless Steel 1mm Scuppers, installed through external wall at first floor level; external wall comprised of 215mm blockwork, 150mm cavity and Cladding system; 1 mm flange, fully welded construction, 1mm top hinged flap to the exterior for pest control; as per Architect's drawing P22034-BA-T-024 - BA					
<u>Scuppers</u>					
C	150 x 80 cross sectional dimensions	2	nr		
<u>Firestopping</u>					

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(21) EXTERNAL WALLS (Continued)</u>					
PWCB Cavity Barrier; Rockwool or approved equivalent PWCB cavity barriers, size 1200 × 200 × 160mm, shall be supplied and installed, manufactured from non-combustible stone wool encapsulated within a resilient polythene sleeve; Cavity barriers shall be tested to BS 476 and/or BS EN 1366 and shall provide 60 minutes fire integrity and 60 minutes fire insulation; All brackets, fixings, fire-stopping materials, certification, and ancillary works shall be included in accordance with the drawings, specifications, Engineer's details, and manufacturer's recommendations. <u>Fire barriers; walls</u>					
A	not exceeding 300mm wide; horizontal; cavity walls	251	m		
B	not exceeding 300mm wide; vertical; cavity walls	58	m		
<u>ANY OTHER ITEMS</u>					
Quantity Adjustments					
<u>The Contractor to include here for any quantity adjustments necessary on any of the above items</u> A B C Any works deemed necessary to complete the work as indicated on the Architect's / Engineers drawings but not specifically identified and scheduled above <u>The Contractor shall describe and include here for any additional items in Qty Unit Rate format</u> A B C Total			noid noid noid noid noid noid		
Ref: 2793		PD 3/15		To Collection €:	

[illegible]

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(22) INTERNAL WALL, PARTITIONS</u>					
<u>GENERALLY</u>					
The Contractor should note the following					
<u>Notes</u>					
Block wall heights are measured to the underside of the slab soffit, and where beams occur, the wall heights are measured to the underside of the beams.			note		
The Contractor is deemed to have visited the site and to have familiarised himself with the full scope and intent of the Works as described in the Tender Documents, including any restrictions or constraints placed on carrying out the various operations.			note		
<u>CONCRETE WORK: In-Situ Concrete</u>					
Reinforced In-situ concrete; comprising compressive strength class C30/37; maximum aggregate size 20mm; slump class S3; exposure condition XC2; vibrated; all in accordance with Engineers specification					
<u>Sundries</u>					
A	infill to concrete U-block	2	m3		
<u>CONCRETE WORK: Reinforcement</u>					
Bar; straight or bent; Grade EN00B; complying with EN4449 standard; required overlap; as per the Engineers specification.					
<u>Bars</u>					
B	Straight or bent, less than or equal to 12mm dia, H12 bars; to concrete U block	0.27	t		
<u>CONCRETE WORK: Precast Concrete / Composite Construction / Stone Faced Concrete Panels</u>					
Pre-stressed precast concrete lintels; minimum bearing 250mm each side; smooth finish, all in accordance with the Architectural Drawings					
<u>Lintels</u>					
Ref: 2793		PD 4/1		To Collection €:	

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(22) INTERNAL WALL, PARTITIONS (Continued)</u>					
A	100mm wide x 65mm high x 1300mm long; L1	1	nr		
B	100mm wide x 65mm high x 1300mm long; L2	8	nr		
C	215mm wide x 65mm high x 1300mm long; L1	41	nr		
D	215mm wide x 65mm high x 1300mm long; L2	1	nr		
Precast U-block; including all necessary fixing; complete as per Engineer's Drawings 23009-S-DR-5102_TA1.					
<u>Like items; U-block</u>					
E	215mm x 215mm x 440mm precast U-block	118	m		
<u>BRICKWORK AND BLOCKWORK: Brickwork / Blockwork</u>					
Solid concrete blockwork, minimum compressive strength 13N/mm², laid and manufactured in accordance with I.S. EN 771-3:2011+A1:2015; bedded in cement mortar in accordance with the project specifications; including all necessary stainless steel wall ties; all in accordance with the Architect's and Engineer's drawings and specifications					
<u>Walls; Concrete Blockwork</u>					
F	100mm thick	200	m2		
G	215mm thick	936	m2		
<u>Labours</u>					
H	On blockwork	1	Item		
<u>Brickwork and Blockwork: Ancillaries to Brickwork/Blockwork</u>					
Designed Joint					
Ref: 2793		PD 4/2		To Collection €:	

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(22) INTERNAL WALL, PARTITIONS (Continued)</u>					
<u>Connection of Blockwork walls to reinforced concrete columns (circular and rectangular) and walls; using PPB 225 / 300 debonded I-ties by ANCON OEA @ 225mm vertical centres; sealed with 13mm wide compressible polyethylene foam with a bond breaker, and 2 part polysulphide sealant; including all ties, fixings, restraints, anchors, sleeves, and ancillary works in accordance with manufacturer's recommendations, bonding blockwork to reinforced concrete; refer Drawing No.23009-S-DR-5101</u>					
A	Bonding to concrete columns; 215mm thick walls	51	m		
B	Bonding to U blocks; 215mm thick walls	203	m		
C	Bonding to RCBB.6; 215mm thick walls	53	m		
<u>FIRESTOPPING</u>					
Linear firestop seal to Blockwork walls built up to the underside of the roof; blockwork firesealed at the top to the decking including corrugation voids, with Rockwool fire barrier (60–100 kg/m³ density) tightly packed and retained with Intumescent mastic fire sealant both sides providing fire resistance to match the wall fire rating, complete with all necessary accessories and installation					
<u>Fire Barriers; walls</u>					
D	not exceeding 300 wide; horizontal and sloping	186	m		
Linear firestop seal between top of blockwork and underside of slab/beam comprising compressed stone mineral wool infill and 20mm intumescent mastic edge seal, providing fire resistance to match the wall fire rating, complete with all necessary accessories and installation.					
<u>Fire Barriers; walls</u>					
E	not exceeding 300 wide; horizontal	169	m		
Ref: 2793		PD 4/3		To Collection €:	

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(22) INTERNAL WALL, PARTITIONS (Continued)</u>					
Firestopping to pipes, cable ducts, flues and other service penetrations where applicable; complete with all necessary fire-rated materials and accessories.					
<u>Identification</u>					
A	Firestopping for services	1	Item		
<u>FLOOR,WALL AND CEILING FINISHING: Stud partitions</u>					
Metal stud partition wall to achieve a Stud Partition Wall Fire Resistance (BS 476): of 30 minutes minimum, GypWall Product Substantiation Report (PSR) reference A206233, overall width 124mm; 92 x 50mm(92S50) metal stud framework at 600mm centres, with Gypframe channel 94C50 Floor & Ceiling Channel, Gypframe 94DC60 Deep Floor & Ceiling Channel on partitions; 90mm acoustic insulation fitted between studs (APR1200) to be fitted between metal studs & achieve a Sound Insulation 47 RwdB or better; Acoustic insulation to be non-combustible mineral wool insulation (glass wool or stone wool). Reaction to fire classification: Euroclass A1Form: Semi-rigid slabs or flexible rolls packed full fill; 1nr layer of 15mm Gyproc SoundBloc or equal approved plasterboard fixed to both sides; to receive skim coat with paint finish (measured elsewhere); 52 Rw dB sound resistance; partition duty rating heavy; including all fixings and sealants (fire, acoustic, etc.); Acoustical Sealant: To be applied around perimeter to both sides partition framework; all in accordance with the Architect's and Structural Engineer's drawings and specifications.					
<u>Metal and stud partitions, non fire-rated</u>					
B	550mm high; GF (Stairs)	4	m		
C	1085mm high; GF (Stairs)	8	m		
<u>Metal and stud partitions, 30 minute fire-rated</u>					
D	3375mm high; GF	71	m		

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(22) INTERNAL WALL, PARTITIONS (Continued)</u>					
A	3790mm high; 1F	30	m		
B	3865mm high; 1F	41	m		
C	4090mm high; 1F	9	m		
D	4240mm high; 1F	26	m		
	<u>Extra over for:</u>				
E	deflection heads; 119mm wide; Head track fixed to floor / roof above; Studs cut 15mm short of underside of roof panel and not fixed to head track to allow movement; Install fire-rated compressible deflection head seal (e.g. mineral wool with intumescent sealant fire stopping)	26	m		
F	angles to partitions; 1085mm high	2	nr		
G	angles to partitions; 3375mm high	4	nr		
H	angles to partitions; 3865mm high	1	nr		
J	angles to partitions; 4090mm high	1	nr		
K	three-way intersection; 3375mm high	2	nr		
L	three-way intersection; 3790mm high	1	nr		
M	three-way intersection; 4090mm high	1	nr		
N	three-way intersection; 4240mm high	1	nr		
P	abutments to other finishes; 550mm high	1	nr		
Q	abutments to other finishes; 1085mm high	2	nr		
R	abutments to other finishes; 3375mm high	24	nr		
S	abutments to other finishes; 3790mm high	9	nr		
T	abutments to other finishes; 3865mm high	14	nr		
U	abutments to other finishes; 4090mm high	2	nr		
V	abutments to other finishes; 4240mm high	4	nr		
W	movement joints; (if required)	1	Item		
X	Forming Openings; size 1000x2100mm	26	nr		
Ref: 2793		PD 4/5		To Collection €:	

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(22) INTERNAL WALL, PARTITIONS (Continued)</u>					
A	Forming Openings; size 1000x2200mm	2	nr		
B	Fair ends where stud partition interfaces with window mullion; exterior facing surface to have plasterboard and skim finish allowing 15mm gap to inner face of Aluminium Mullion; fire / acoustic sealants between Window mullion and Partition	17	nr		
<u>Grounds</u>					
C	600mm wide x 2,400mm high x 18mm Plywood grounds fixed between metal studs to partitions of varying heights to provide grounds for items fixed to partitions; Plywood to be fitted within partition structure zone	68	nr		
D	600mm wide x 1,200mm high x 18mm Plywood grounds fixed between metal studs to partitions of varying heights to provide grounds for items fixed to partitions; Plywood to be fitted within partition structure zone	20	nr		
<u>Labours</u>					
E	Making good and cutting around obstructions; girth 300mm to 1,000mm	24	nr		
<u>ANY OTHER ITEMS</u>					
Quantity Adjustments					
<u>The Contractor to include here for any quantity adjustments necessary on any of the above items</u>					
A	.....		noid		
B	.....		noid		
C	.....		noid		
Any works deemed necessary to complete the work as indicated on the Architect's / Engineers drawings but not specifically identified and scheduled above					
<u>The Contractor shall describe and include here for any additional items in Qty Unit Rate format</u>					
A	.....		noid		
Ref: 2793		PD 4/6		To Collection €:	



Pricing Document

Description	Qty	Unit	Rate	Total
			€	€
<u>(22) INTERNAL WALL, PARTITIONS (Continued)</u>				
B		noid		
C		noid		
Total				
Ref: 2793			PD 4/7	To Collection €:

[illegible]

Pricing Document

Description	Qty	Unit	Rate	Total
			€	€
<u>(23) FLOORS, GALLERIES</u> <u>GENERALLY</u> The Contractor should note the following <u>Notes</u> Refer to Architect's / Civil & Structural / Building Service Engineer's Drawings & Specifications for full details The tenderer is advised that the measurement and descriptions are to be read in conjunction with the Architect's and Engineer's Drawings and Specification Concrete topping to precast concrete is required to finish to depths specified on Engineer's drawings; the measured volume to in-situ concrete has been measured without regard to any cambers in the precast units; Contractor's are to include in appropriate rates for all costs arising with achieving min 75mm screed The Contractor shall be entirely responsible for ensuring that the surface of floor screed and slabs to receive all floor finishings will be sufficiently level to obviate the necessity for levelling compounds. Should it arise that it becomes necessary to spread levelling compound as a preliminary to laying the flooring, the cost of this work will be deemed to be included in the rates against the various items of floor screeds and powerfloating of floor slabs Costs arising from the propping and continuity reinforcement details to the concrete flooring and roofs and supplier's design are deemed to be included in the Contractors rates. Unless otherwise described, no recognition has been given to any requirement in respect of phasing of the works and the implication of same including any necessary temporary or similar works to accommodate such requirements are deemed included within the description of the items included in this element <u>CONCRETE WORK: In-Situ Concrete</u>		head2		
		head3		
		head4		
		Note		
		Note		
		Note		
		Note		
		Note		
			To Collection €:	

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(23) FLOORS, GALLERIES (Continued)</u>					
Reinforced in-situ concrete; Grade C30/37-D20-S2-XC1); vibrated; all in accordance with the Engineers Specification's					
<u>Beds</u>					
A	thickness not exceeding 150 mm; structural topping screed laid on 250mm thick precast concrete slab (measured elsewhere); as per Engineer's specification	49	m3		
<u>Slabs</u>					
B	thickness exceeding 150mm	19	m3		
<u>Upstands and the likes</u>					
C	Cross sectional area not exceeding 0.10m2	1	m3		
<u>Sundries</u>					
D	Filling; beam to edges of precast slab	9	m3		
E	Working around Twin compartment floor trunking	35	m		
F	Working around Electrical Floor Boxes	12	nr		
<u>CONCRETE WORK: Sundries</u>					
Designed joints					
<u>Proprietary joint</u>					
G	allow an item for design joint	1	Item		
Surface Finishes					
<u>Power floating</u>					
H	powerfloating; beds / structural screeds	650	m2		
J	powerfloating; beds / structural screeds to cross-falls; Plantroom Floor Screed is to be poured at 1:40 fall (GL F-G / 1-3)	23	m2		
K	powerfloating; structural suspended floor slab	84	m2		
<u>Trowelling</u>					
L	Top of Upstands and the likes	2	m2		
Ref: 2793				PD 5/2	
				To Collection €:	

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(23) FLOORS, GALLERIES (Continued)</u>					
Labours					
<u>Cutting holes</u>					
A	Cutting or forming recesses in precast floor slabs and reinforced structural floor screed to receive Electrical Floor Boxes - 305mm x 225mm x 100mm deep	12	nr		
<u>CONCRETE WORK: Reinforcement</u>					
Reinforcement bars; high yield bars & links; straight or bent; all in accordance with the Engineers Specifications					
<u>Bars</u>					
B	straight or bent; various diameter; nominal sizes not exceeding 12mm dia.	0.95	t		
C	straight or bent; various diameter; nominal sizes 12mm to 25mm dia.	0.98	t		
Reinforcement fabric mesh; with 500mm side and end laps; minimum 30mm cover; all in accordance with the Engineers Specification's; no allowance in measurement for laps					
<u>Fabric Mesh Reinforcement</u>					
D	A393 mesh horizontal	1,407	m2		
<u>CONCRETE WORK: Formwork</u>					
Formwork generally; finish as per Engineers specification					
<u>Edges of beds / suspended slabs and landings, for screed on precast</u>					
E	height not exceeding 250mm	99	m		
F	height exceeding 250mm not exceeding 500mm	29	m		
<u>Edges of suspended slabs and landings, for 225mm RC Suspended Floor Slab</u>					
G	height not exceeding 250mm	45	m		
Ref: 2793		PD 5/3		To Collection €:	

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(23) FLOORS, GALLERIES (Continued)</u>					
<u>Slides of upstands and steps in top surfaces</u>					
A	height not exceeding 250mm	10	m		
<u>Soffits of slabs, f3 / Class B Finish</u>					
B	soffit height not exceeding 4.00m	84	m2		
<u>CONCRETE WOR: PRECAST CONCRETE / COMPOSITE CONSTRUCTION / STONE FACED CONCRETE PANELS</u>					
Allow for provision of a Design Certificate for the pre-cast concrete installations, in accordance with Engineers Drawings					
C	design certificate	1	Item		
Precast concrete floor units; dead and live loadings to Engineer's details; hollowcore to manufacturer's details, including hoisting and placing in position, levelling, scrimming, etc.; joints to be fully grouted; cutting and raking as required to suit unit layout; including filling to ends of units in concrete; Temporary Propping and Shuttered as required all in accordance with the Engineer's Precast Specifications					
<u>Precast concrete slabs</u>					
D	maximum span not exceeding 5.00 m; 150m thick	69	m2		
E	maximum span exceeding 5.00 m to 7.00m; 150m thick	218	m2		
F	maximum span exceeding 7.00 m to 9.00m; 150m thick	293	m2		
G	maximum span exceeding 5.00 m; 250m thick	109	m2		
Sundries					
<u>Forming holes, recesses and the like</u>					
H	250mm diameter opening in 200mm thick precast	18	nr		
J	Forming holes approx 100mm deep for Electrical Floor Boxes	12	nr		
<u>angles and intersections</u>					
Ref: 2793				PD 5/4	
				To Collection €:	

Description	Qty	Unit	Rate	Total
			€	€
<u>(23) FLOORS, GALLERIES (Continued)</u>				
Formwork to underside of precast slab and columns; include for concrete and screed as necessary	8	nr		
<u>Breaking out ends of Precast Units; B12 Tie bars at 600mm c/c; infill with C30/37 concrete (2 no Cores per 1,200 wide slab)</u>				
700mm embedment	127	m		
<u>ANY OTHER ITEMS</u>				
Quantity Adjustments				
<u>The Contractor to include here for any quantity adjustments necessary on any of the above items</u>				
A		noid		
B		noid		
C		noid		
Any works deemed necessary to complete the work as indicated on the Architect's / Engineers drawings but not specifically identified and scheduled above				
<u>The Contractor shall describe and include here for any additional items in Qty Unit Rate format</u>				
A		noid		
B		noid		
C		noid		
Total				

Ref: 2793

PD 5/5

To Collection €:

**Brennan
Associates**

PD 5/6

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(24) STAIRS, RAMPS</u>					
<u>GENERALLY</u>					
The Contractor should note the following					
<u>Notes</u>					
Refer to Architect's / Civil & Structural / Building Service Engineer's Drawings & Specifications for full details			Note		
Precast concrete units by approved manufacturer; Contractor designed; complete to the Structural Engineer's precast concrete performance specification; soffit formwork finish as specified; including hoisting and placing in position, levelling; bedding and including for all joints to Engineer's approval			Note		
Unless otherwise described, no recognition has been given to any requirement in respect of phasing of the works and the implication of same including any necessary temporary or similar works to accommodate such requirements are deemed included within the description of the items included in this element			Note		
<u>CONCRETE WORK: In-Situ Concrete</u>					
Reinforced in-situ concrete; Grade 30N37; vibrated; all in accordance with the Engineers Specification's					
<u>Slabs</u>					
A	not exceeding 150mm thick; structural topping screed to precast landings and half-landings	5	m3		
<u>CONCRETE WORK: Sundries</u>					
Surface Finishes					
<u>Power floating</u>					
B	power floating; structural screeds of Landings and half landings	44	m2		
<u>CONCRETE WORK: Reinforcement</u>					
Ref: 2793		PD 6/1		To Collection €:	

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(24) STAIRS, RAMPS (Continued)</u>					
A	Reinforcement fabric mesh; A142 side and end laps; minimum 30mm cover; all in accordance with the Engineers Specification's; no allowance in measurement for laps				
	<u>Fabric Mesh Reinforcement</u>				
	exceeding 300mm wide; horizontal;				
B	<u>CONCRETE WORK: Formwork</u>				
	Formwork generally; all in accordance with the Engineers Specifications				
	<u>Edges of Suspended Slabs - Precast</u>				
C	Height not exceeding 250mm				
	<u>Concrete Work: Precast Concrete/Composite Construction/Stone Faced Concrete Panels</u>				
	Precast concrete stair flights and associated landings and half-landings by approved manufacturer; Straight flights; projecting from ground floor to first floor; soffit formwork finish; fair faced threads and risers; fixing complete in accordance with manufacturers details and engineers specification; include for all hoisting and placing in position, levelling, temporary propping & bedding in sand / cement mortar to Engineer's approval				
	<u>Staircase Flights</u>				
	Precast staircase 1 comprising 3 flights with 2 nr landings 1250 x 1250 mm and 2950 x 3250 mm; each flight 1250 mm wide; total rise 3823.6 mm comprising 22 risers at 173.8 mm high and 300 mm wide treads; located in RG-21, from Ground floor to First floor; in accordance with Drawings P22034 - BA - T- 017				

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(24) STAIRS, RAMPS (Continued)</u>					
A	Precast staircase 1 comprising 3 flights with 2 nr landings 3330 x 3250 mm and 2410 x 3250 mm; each flight 1250 mm wide; total rise 3325 mm comprising 19 risers at 175 mm high and 300 mm wide treads; located in RG-21, from First floor to Roof floor; in accordance with Drawings P22034 - BA - T- 017	1	nr		
B	Precast staircase 2 comprising 3 flights with 2 nr landings 1250 x 1250 mm and 2950 x 2700 mm; each flight 1250 mm wide; total rise 3649.8 mm comprising 21 risers at 173.8 mm high and 300 mm wide treads; located in RG-14, from Ground floor to First floor; in accordance with Drawings P22034 - BA - T- 018	1	nr		
Sundries					
<u>Forming recesses and the like in blockwork for new precast landings</u>					
C	Size L:2,500mm x H:250mm x D:100mm	5	nr		
Fixings					
<u>Dowelling / tying in stair landings and half landings to existing and proposed blockwork stair core, bedding in sand and cement mortar</u>					
D	Size L:2,500mm x H:250mm x D:100mm	6	nr		
<u>Connections between Comflor and Precast Landings</u>					
E	Size L:2,500mm x H:250mm	3	nr		
<u>STRUCTURAL: STEELWORK</u>					
Ref: 2793		PD 6/3		To Collection €:	

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(24) STAIRS, RAMPS (Continued)</u>					
Structural steelwork; Designed and fabricated in strict accordance with the Structural Engineers Specification; all steelwork to be Grade S355JR with EN10025; hot rolled structural steel sections; bolted site connections; protective treatment to all structural steel components in accordance with IS EN ISO 12944 - "Execution of Steel Structures and Aluminium Structures" and also certified for CE Marking; blast clean SA 2.5, primed with 2 pack epoxy zinc rich primer to BS4652 to nominal dry film thickness 25 microns by airless spray to blasted steel; 80 micron high build zinc phosphate epoxy primer, to be compatible with fire-protection coatings, For fully/partially external steel, apply second coat of High Build Epoxy MIO to a dry film; thickness of 100 microns include for all nuts and bolts to be degreased and coated; including all in strict accordance with the Engineers specification.					
<u>Beams; Fabricated Members; Primary Steelwork; exceeding 25kg/m not Exceeding 50kg/m</u>					
A	RHS 200 x 150 x 8	0.12	t		
Bolts					
<u>M20 Bolts</u>					
B	M20 grade 8.8 chemical anchors with Hilti Hit-RE500 V3 Epoxy; (RC Band beams, Columns, U-Blocks, Blockwork, etc.	8	nr		
Sundries					
C	Allow drilling or forming holes in other construction for fixing of steel work	8	nr		
<u>Bolts</u>					
D	M20 grade 8.8 chemical anchors with Hilti Hit-RE500 V3 Epoxy	8	nr		
<u>Sundries</u>					
Ref: 2793		PD 6/4		To Collection €:	



Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(24) STAIRS, RAMPS (Continued)</u>					
A	Allow drilling or forming holes in other construction for fixing of steel work (RC Band beams, Columns, U-Blocks, Blockwork, etc.	8	nr		
<u>MetalWork: Non-Structural</u>					
<u>Composite Items</u>					

Pricing Document

Description	Qty	Unit	Rate	Total
			€	€
<u>(24) STAIRS, RAMPS (Continued)</u>				
Staircase 3; design, supply, fabricate and install internal structural steel access staircase to Plant Room (Building A), comprising stringers fabricated from 275mm × 12mm steel plate, complete with forge-welded open steel grating treads sized 800mm × 250mm × 20mm and matching galvanized grating landings, all in Carbon Steel Grade S275JR. Treads and landings to be bolted to stringers with Grade 8.8 galvanized high-tensile bolts, nuts and washers. Provide highly visible, slip-resistant pyramid-patterned or serrated Lion grip/D-section safety nosing welded or screw-fixed to leading edges of top and bottom steps. Staircase to include balustrades formed with 16mm square steel vertical balusters at 110mm centres welded to CHS handrails, complete with 30 × 30 × 5mm tread shelf angles fixed to stringers. Handrails to comprise 42.4mm diameter × 3mm thick circular hollow section steel tubing, set 900mm above pitch line with radiused bends and matching corner pieces welded and ground smooth. Landing and upper-floor balustrades to be 1100mm high above finished floor level. Landings supported on 120 × 120 × 5mm RHS steel corner legs welded to stringers and provided with 200 × 12mm base plates fixed with 4 No. 10mm chemical anchor bolts per leg, Top flight connection to first floor to comprise 75 × 100 × 6mm steel angle cleats welded to stringers and fixed to concrete slab with 5 No. 8mm countersunk chemical anchors. Complete with all brackets, cleats, supports, fixings and accessories, hot-dip galvanized after fabrication to IS EN ISO 1461 with minimum average coating thickness of 85 microns, Paint finish to handrails; Shotblast to Sa 2½ in accordance with ISO 8501-1; Primer type: 2-pack epoxy zinc phosphate primer, DFT: 60–80 microns; intermediate Coat 2-pack high-build epoxy DFT: 80–120 microns; finish Coat: 2-pack polyurethane (PU) or epoxy finish DFT: 40–60 microns; Finish: semi-gloss to selected shade; all in accordance with architectural specification, all in accordance with Architectural Specification and Drawing				
Ref: 2793 No. P22034-BA-T-019.			PD 6/6 To Collection €:	

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(24) STAIRS, RAMPS (Continued)</u>					
A	Steel staircase 3, complete, comprising 3nr flights with 2nr landings (landings measuring 1nr x 800 x 1670 mm and 1nr x 800 x 775 mm); 3nr flights are 800mm wide and consist of 5 treads, 9 treads, and 6 treads, each 800 x 250 x 20 mm; 200 x 75 mm parallel flange channel stringer; The staircase is located in the Plant room; from Ground floor to First floor; in accordance with Drawings P22034 - BA - T- 019.	1	nr		
<u>ANY OTHER ITEMS</u>					
Quantity Adjustments					
<u>The Contractor to include here for any quantity adjustments necessary on any of the above items</u>					
A	.....		noid		
B	.....		noid		
C	.....		noid		
Any works deemed necessary to complete the work as indicated on the Architect's / Engineers drawings but not specifically identified and scheduled above					
<u>The Contractor shall describe and include here for any additional items in Qty Unit Rate format</u>					
A	.....		noid		
B	.....		noid		
C	.....		noid		
Total					
Ref: 2793		PD 6/7		To Collection €:	

**Brennan
Associates**

PD 6/8

Pricing Document

Description	Qty	Unit	Rate	Total
			€	€
<u>(27) ROOFS</u>				
<u>GENERALLY</u>				
The contractor should note the following				
<u>Notes</u>				
Refer to Architect's / Civil & Structural / Building Service Engineer's Drawings & Specifications for full details		Note		
Concrete topping to precast concrete is required to finish to depths specified on Engineer's drawings; the measured volume to in-situ concrete has been measured without regard to any cambers in the precast units; Contractor's are to include in appropriate rates for all costs arising with achieving min 75mm screed		Note		
The Contractor shall be entirely responsible for ensuring that the surface of floor screed and slabs to receive all floor finishings will be sufficiently level to obviate the necessity for levelling compounds. Should it arise that it becomes necessary to spread levelling compound as a preliminary to laying the flooring, the cost of this work will be deemed to be included in the rates against the various items of floor screeds and powerfloating of floor slabs		Note		
Costs arising from the propping and continuity reinforcement details to the concrete flooring and roofs are deemed to be included in the Contractors rates.		Note		
Propping and continuity reinforcement details to the precast concrete flooring supplier's design. All costs arising are deemed to be included in the Contractor's rates.		Note		
The Contractor is to provide samples of all concrete type, finishes to concrete and reinforcement for approval by the Engineer prior to commencement of work and the provision of these samples are deemed to be included in his rates. All approved samples are to remain on-site for the duration of the contract.		Note		
Ref: 2793 PD 7/1 To Collection €:				

Pricing Document

Description	Qty	Unit	Rate	Total
			€	€
<u>(27) ROOFS (Continued)</u>				
The tenderer is advised that the measurement and descriptions are to be read in conjunction with the Architect's and Engineer's Drawings and Specification		note		
The structural steel quantities set out below are based on the nett mass of the steel sections as indicated on the Structural Engineer's drawings (nett length measured), plus an allowance of 10% for fittings (end plates, etc..). If the Tenderer believes that the 10% included for fittings is not adequate, he should make the necessary adjustment to reflect the appropriate additional / reduced allowance for fittings. In accordance with ARM Fittings are deemed to include Caps, Bases, Haunches, Gussets, end plates, Splice Plates, Cleats, Brackets, Stiffeners, Distance Pieces, and the like.		note		
All Bolts nuts and washers including forming holes for fixings are deemed to be included.		note		
Responsibility for all structural steel to steel connection details and adequacy and compliance with current regulations and the specification shall lie with the Contractor; the Contractor is deemed to have included for all steel to steel connections in his pricing of the measurement items; final proposals for all structural steel to steel connections and fabrication drawings shall be forwarded to the structural engineer prior to the execution of the works; the Contractor is deemed to have included in his rates for all steel to steel connections		note		
<u>CONCRETE WORK: In-situ concrete</u>				
Reinforced In-situ concrete; comprising compressive strength class C30/37; maximum aggregate size 20mm; slump class S3; exposure condition XC2; vibrated; all in accordance with Engineers specification				
<u>Beds</u>				
Ref: 2793 PD 7/2 To Collection €:				

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(27) ROOFS (Continued)</u>					
A	thickness not exceeding 150 mm; structural topping screed laid on 250mm thick precast concrete slab (measured elsewhere); as per Engineer's specification	1	m3		
<u>Beams</u>					
B	cross-sectional area not exceeding 0.10m2; Reinforced concrete band beam; RCBB.6; grade C30/37	5	m3		
C	cross-sectional area exceeding 0.10m2; Reinforced concrete band beam; RCBB.5; grade C30/37	13	m3		
<u>Columns</u>					
D	cross-sectional area not exceeding 0.10m2; rectangular reinforced concrete columns; C1; grade C30/37	1	m3		
E	cross-sectional area not exceeding 0.10m2; rectangular reinforced concrete column; C3; grade C30/37	1	m3		
<u>Sundries</u>					
F	Filling; beam to edges of precast slab	1	m3		
Surface Finishes					
<u>Power floating</u>					
G	powerfloating; structural suspended roof slab	6	m2		
<u>CONCRETE WORK: Reinforcement</u>					
Bar; straight or bent; Grade B500B; complying with BS4449 standard; required overlap; as per the Engineers specification.					
<u>Bars</u>					
H	straight or bent including stirrups; not exceeding 12mm diameter; to RCBB.5 beams	0.91	t		
J	straight or bent including stirrups; exceeding 12mm dia. not exceeding 25mm; to RCBB.5 beams	0.91	t		
K	straight or bent including stirrups; not exceeding 12mm diameter; to RCBB.6 beams	0.38	t		

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(27) ROOFS (Continued)</u>					
A	straight or bent including stirrups; exceeding 12mm dia. not exceeding 25mm; to RCBB.6 beams	0.38	t		
B	straight or bent including stirrups; not exceeding 12mm diameter; various diameter; columns	0.05	t		
C	straight or bent including stirrups; exceeding 12mm dia. not exceeding 25mm various diameter; columns	0.05	t		
Reinforcement fabric mesh; A393 with 500mm side and end laps; minimum 30mm cover; all in accordance with the Engineers Specification's; no allowance in measurement for laps					
<u>Fabric Mesh Reinforcement</u>					
D	horizontal	6	m2		
<u>CONCRETE WORK: Formwork</u>					
Grade C16 timber; as per the Engineers specification.					
<u>Beams</u>					
E	rectangular; to RC beams	158	m2		
<u>Columns</u>					
F	isolated; rectangular; to RC columns	7	m2		
<u>PRECAST CONCRETE / COMPOSITE CONSTRUCTION / STONE FACED CONCRETE PANELS</u>					
Allow for provision of a Design Certificate for the pre-cast concrete installations, in accordance with Engineers Drawings					
G	design certificate	1	Item		
Ref: 2793		PD 7/4		To Collection €:	

Description	Qty	Unit	Rate	Total
			€	€
<u>(27) ROOFS (Continued)</u>				
Precast concrete roof units; dead and live loadings to Engineer's details; hollowcore to manufacturer's details, including hoisting and placing in position, levelling, scrimming, etc.; joints to be fully grouted; cutting and raking as required to suit unit layout; including filling to ends of units in concrete; Temporary Propping and Shuttered as required all in accordance with the Engineer's Precast Specifications				
<u>Precast concrete slabs</u>				
maximum span not exceeding 5.00 m; 150mm thick	6	m2		
Sundries				
<u>Forming holes, recesses and the like</u>				
250mm diameter opening in 200mm thick precast	1	nr		
<u>Breaking out ends of Precast Units; B12 Tie bars at 600mm c/c; infill with C30/37 concrete (2 no Cores per 1,200 wide slab)</u>				
700mm embedment	10	m		
<u>STRUCTURAL: STEELWORK</u>				

Ref: 2793

PD 7/5

To Collection €:

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(27) ROOFS (Continued)</u>					
Structural steelwork; Designed and fabricated in strict accordance with the Structural Engineers Specification; all steelwork to be Grade S355JR with EN10025; hot rolled structural steel sections; bolted site connections; protective treatment to all structural steel components in accordance with IS EN ISO 12944 - "Execution of Steel Structures and Aluminium Structures" and also certified for CE Marking; blast clean SA 2.5, primed with 2 pack epoxy zinc rich primer to BS4652 to nominal dry film thickness 25 microns by airless spray to blasted steel; 80 micron high build zinc phosphate epoxy primer, to be compatible with fire-protection coatings, For fully/partially external steel, apply second coat of High Build Epoxy MIO to a dry film; thickness of 100 microns include for all nuts and bolts to be degreased and coated; including all in strict accordance with the Engineers specification. <u>Beams; Fabricated Members; Primary Steelwork; Not Exceeding 25kg/m</u>					
A	UB178x102x19	0.21	t		
<u>Beams; Fabricated Members; Exceeding 50kg/m not Exceeding 100kg/m</u>					
B	B.10: UB305x165x54	11.03	t		
C	B.9: UB356x171x57, Castellated beam	0.38	t		
D	B.8: UB406x178x74	1.42	t		
<u>Bracings; Fabricated Members; Primary Steelwork; Not Exceeding 25kg/m</u>					
E	B11: CHS 88.9x3.2	0.79	t		
Bolts <u>M20 Bolts</u>					
Ref: 2793		PD 7/6		To Collection €:	

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(27) ROOFS (Continued)</u>					
A	M20 grade 8.8 chemical anchors with Hilti Hit-RE500 V3 Epoxy; (RC Band beams, Columns, U-Blocks, Blockwork, etc. minimum embedment 150mm)	240	nr		
Sundries					
B	Allow drilling or forming holes in other construction for fixing of steel work	28	nr		
Cold rolled members					
<u>Purlins: IFC beam; light gauge Kingspan multibeam rails; zinc coating finish; refer 3D drawing and 2D drawing for more details: 23009-S-DR-5103 Structural Roof Layout, 23009 Building A Office Building Rev A</u>					
C	175065150 purlins; < 25 kg/m	2.31	t		
<u>Proprietary cleats, drilled and fixed to reinforced concrete band beams, u-blocks, blockwork with appropriate fixings</u>					
D	Multibeam - concrete cleats	59	nr		
<u>ANY OTHER ITEMS</u>					
Quantity Adjustments					
<u>The Contractor to include here for any quantity adjustments necessary on any of the above items</u>			item		
A			noid		
B			noid		
C			noid		
Any works deemed necessary to complete the work as indicated on the Architect's / Engineers drawings but not specifically identified and scheduled above					
<u>The Contractor shall describe and include here for any additional items in Qty Unit Rate format</u>					
A			noid		
B			noid		
Ref: 2793		PD 7/7		To Collection €:	



Pricing Document

Description	Qty	Unit	Rate	Total
			€	€
<u>(27) ROOFS (Continued)</u>				
C		noid		
Total				

[illegible]

Pricing Document

Description	Qty	Unit	Rate	Total
			€	€
<u>(28) FRAMES</u> <u>GENERALLY</u> The Contractor should note the following <u>Notes:</u> Refer to Architect's / Civil & Structural / Building Service Engineer's Drawings & Specifications for full details The tenderer is advised that the measurement and descriptions are to be read in conjunction with the Architect's and Engineer's Drawings and Specification The structural steel quantities set out below are based on the nett mass of the steel sections as indicated on the Structural Engineer's drawings (nett length measured), plus an allowance of 10% for fittings (end plates, etc..). If the Tenderer believes that the 10% included for fittings is not adequate, he should make the necessary adjustment to reflect the appropriate additional / reduced allowance for fittings. In accordance with ARM Fittings are deemed to include Caps, Bases, Haunches, Gussets, end plates, Splice Plates, Cleats, Brackets, Stiffeners, Distance Pieces, and the like. All Bolts nuts and washers including forming holes for fixings are deemed to be included. Responsibility for all structural steel to steel connection details and adequacy and compliance with current regulations and the specification shall lie with the Contractor; the Contractor is deemed to have included for all steel to steel connections in his pricing of the measurement items; final proposals for all structural steel to steel connections and fabrication drawings shall be forwarded to the structural engineer prior to the execution of the works; the Contractor is deemed to have included in his rates for all steel to steel connections <u>CONCRETE WORK: In-Situ Concrete</u>		note note note note note		
Ref: 2793			PD 8/1	
			To Collection €:	

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(28) FRAMES (Continued)</u>					
Reinforced In-situ concrete; comprising compressive strength class C30/37; maximum aggregate size 20mm; slump class S3; exposure condition XC2; vibrated; all in accordance with Engineers specification					
<u>Beams</u>					
A	cross-sectional area not exceeding 0.10m ² ; reinforced; band beams	6	m ³		
B	cross-sectional area exceeding 0.10m ² ; reinforced; band beams	11	m ³		
<u>Columns</u>					
C	cross-sectional area exceeding 0.10m ² ; reinforced; circular	5	m ³		
D	cross-sectional area exceeding 0.10m ² ; reinforced; rectangular	2	m ³		
<u>Beam Encasement</u>					
E	cross-sectional area not exceeding 0.10m ² ; to steel beam	1	m ³		
<u>CONCRETE WORK: Reinforcement</u>					
Bar; straight or bent; Grade B500B; complying with BS4449 standard; required overlap; as per the Engineers specification.					
<u>Bars</u>					
F	straight or bent including stirrups; not exceeding 12mm diameter; to beams	0.73	t		
G	straight or bent including stirrups; exceeding 12mm but not exceeding 25mm diameter; to beams	2.00	t		
H	straight or bent stirrups; not exceeding 12mm diameter; to columns	0.45	t		
J	straight or bent; exceeding 12mm but not exceeding 25mm diameter; to columns	1.15	t		
<u>CONCRETE WORK: Formwork</u>					
Ref: 2793		PD 8/2		To Collection €:	

Description	Qty	Unit	Rate	Total
			€	€
<u>(28) FRAMES (Continued)</u>				
Formwork, Grade C16 timber; as per the Engineers specification				
<u>Beams</u>				
rectangular; to RC beams	186	m2		
<u>Columns</u>				
isolated; rectangular; to RC columns	71	m2		
isolated; circular; to RC columns	70	m2		
<u>Beam Encasement</u>				
isolated; rectangular; to steel beam encasement	6	m2		
<u>CONCRETE WORK: Precast Concrete / Composite Construction / Stone Faced Concrete Panels</u>				
Precast pad stone; by Killeshal OEA; including all necessary fixing; complete as per Engineer's Drawings 23009-S-DR-5102_TA1.				
<u>Pad Stone</u>				
215mm x 100mm x 440mm precast pad stone	3	nr		
215mm x 100mm x 440mm precast corner pad stone	1	nr		
<u>STEELWORK: Structural</u>				

Ref: 2793

PD 8/3

To Collection €:

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(28) FRAMES (Continued)</u>					
Structural steelwork; Designed and fabricated in strict accordance with the Structural Engineers Specification; all steelwork to be Grade S355JR with EN10025; hot rolled structural steel sections; bolted site connections; protective treatment to all structural steel components in accordance with IS EN ISO 12944 - "Execution of Steel Structures and Aluminium Structures" and also certified for CE Marking; blast clean SA 2.5, primed with 2 pack epoxy zinc rich primer to BS4652 to nominal dry film thickness 25 microns by airless spray to blasted steel; 80 micron high build zinc phosphate epoxy primer, to be compatible with fire-protection coatings, For fully/partially external steel, apply second coat of High Build Epoxy MIO to a dry film; thickness of 100 microns include for all nuts and bolts to be degreased and coated; including all in strict accordance with the Engineers specification.					
<u>Beams; Fabricated Members; Primary Steelwork</u>					
A	SHS 80X80X6.3; not exceeding 25kg/m	0.05	t		
B	SHS 150X150X8.0; exceeding 25kg/m not exceeding 50kg/m	0.04	t		
C	UB 203x133x30; exceeding 25kg/m not exceeding 50kg/m (Lifting beam)	0.08	t		
D	UB 254X146X37; exceeding 25kg/m not exceeding 50kg/m	0.22	t		
E	UB 365X171X67; ; exceeding 50kg/m not exceeding 100kg/m	0.42	t		
<u>Extra over for</u>					
F	Stiffened Penetration; 225mm diameter stiffened penetration through UB 365X171X67 steel beam	4	nr		
<u>Stanchions; Fabricated Members; Primary Steelwork</u>					
G	C4 - UC 152X152X37; exceeding 25kg/m not exceeding 50kg/m	0.16	t		

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(28) FRAMES (Continued)</u>					
<u>Stanchions; exceeding 25kg/m not exceeding 50kg/m</u>					
A	stud columns; C.4; UC 152x152x37	0.33	t		
<u>Fittings</u>					
B	Allow a provision of 10% of the total weight	0.09	t		
Bolts					
<u>M20 Bolts</u>					
C	M20 grade 8.8 chemical anchors with Hilti Hit-RE500 V3 Epoxy; (RC Band beams, Columns, U-Blocks, Blockwork, etc. 150mm embedment	32	nr		
Holding Down Assembly					
<u>Holding down</u>					
D	400x240X12mm baseplate	1	nr		
E	M20 grade 8.8 chemical anchors with Hilti Hit-RE500 V3 Epoxy; 150mm embedment	4	nr		
Grouting					
<u>Non-shrink grout</u>					
F	Holding Down Bolts	4	nr		
G	Base Plate	1	nr		
Sundries					
H	Allow drilling or forming holes in other construction for fixing of steel work	28	nr		
<u>TESTING</u>					
Lift beam testing					
<u>Provide testing to 2 nr 13 person passenger lifts; lifts must have a lifting beam installed in the of the lift shaft rated at 1,000kg safe load (SWL); Main Contractor shall employ an independent and certified test company to test the lift beam once installed and to stamp and certify the beam</u>					
Ref: 2793		PD 8/5		To Collection €:	

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(28) FRAMES (Continued)</u>					
A	Lift beam testing	1	Item		
<u>ANY OTHER ITEMS</u>					
Quantity Adjustments					
<u>The Contractor to include here for any quantity adjustments necessary on any of the above items</u>					
A	.....		noid		
B	.....		noid		
C	.....		noid		
Any works deemed necessary to complete the work as indicated on the Architect's / Engineers drawings but not specifically identified and scheduled above					
<u>The Contractor shall describe and include here for any additional items in Qty Unit Rate format</u>					
A	.....		noid		
B	.....		noid		
C	.....		noid		
Total					

**Brennan
Associates**

Description	Qty	Unit	Rate	Total
(28) FRAMES (Continued)			€	€
COLLECTION				
PD 8/1:				
PD 8/2:				
PD 8/3:				
PD 8/4:				
PD 8/5:				
PD 8/6:				
(28) FRAMES				
Carried to Summary:				
Ref: 2793	PD 8/7			

Pricing Document

Description	Qty	Unit	Rate	Total
			€	€
<u>(31) EXTERNAL WALLS: COMPLETIONS</u> <u>GENERALLY</u> The Contractor should note the following <u>Notes</u> Refer to Architect's / Civil & Structural / Building Service Engineer's Drawings & Specifications for full details All door and window measurements are based on the latest revised door and window schedules. <u>Woodwork: Boarding and Second Fixings</u> Window Board; 20mm medite window boards with bullnose edging; 280mm wide x 10mm thick medite continuous packer strips to underside of the windowboard to finish flush with plaster finish to wall; Medite Packer to be cut to profile of 10mm steel window supports and fixed to concrete / masonry substrate; front face of Mediite packer prepared to receive paint finish; provide vertical 50mm x 10mm medite cover slips screw face fixed to plastered walls below window boards with gripfill and screws; complete with all fixings, accessories, and ancillary works in accordance with the drawings and specifications. <u>Second fixings</u> A 330mm x 20mm thick <u>Woodwork: Insulation, Ironmongery, Accessories and Sundries</u> Sundries <u>Compriband Flexible Foil Strip Air Seal to External Openings; Compriband flexible foil strip air seals shall be supplied and installed to the internal perimeter of external wall openings to provide a continuous airtight barrier; Selected mastic sealant to perimeter joints and all fixings, sealing, and ancillary works shall be included in accordance with the manufacturer's instructions and project specifications.</u>	125	m		
Ref: 2793	PD 9/1		To Collection €:	

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(31) EXTERNAL WALLS: COMPLETIONS (Continued)</u>					
A	girth exceeding 150mm not exceeding 300mm	372	m		
B	extra over on above; for bends	91	nr		
<u>Metalwork: Non-Structural</u>					
Composite Items; External door units comprising thermally broken Aluminum frames finished in RAL 9005 (approved by the Architect) including all ironmongery, mechanical fixings, brackets, straps, silicone and insulated sealants, ancillary components and associated works required for a complete installation, with all ironmongery and door assemblies complying with the manufacturer's recommendations, relevant certificates and Declarations of Performance (DoPs), BS EN 14351-1, and achieving minimum performance classifications of Air Permeability Class 4 (UNE-EN 12207), Water Tightness Class E1800 (UNE-EN 12208) and Wind Resistance Class C5 (UNE-EN 12210); all in accordance with the Scope of Works and Architectural Specification.					
<u>Door and frame set; Non fire -rated</u>					
C	DG-04; overall size 1120mm x 2100mm high; single door	1	nr		
D	DR-02; overall size 1,000mm x 2,100mm high; Single door	1	nr		
E	DG-05; overall size 2305mm x 3750mm high; double door	1	nr		
Ref: 2793		PD 9/2		To Collection €:	

**Brennan
Associates**

Description	Qty	Unit	Rate	Total
			€	€
<u>(31) EXTERNAL WALLS: COMPLETIONS (Continued)</u>				
Composite Items; External door units comprising thermally broken Aluminum frames finished in RAL 9005 (approved by the Architect) with double-glazed units consisting of 2 No. 6mm glass panes per door leaf, 12–18mm argon/krypton gas-filled cavity, low-emissivity coatings and warm-edge spacers to achieve a maximum elemental U-value of 1.6 W/m²K, including all ironmongery, mechanical fixings, brackets, straps, silicone and insulated sealants, ancillary components and associated works required for a complete installation, with all ironmongery and door assemblies complying with the manufacturer's recommendations, relevant certificates and Declarations of Performance (DoPs), BS EN 14351-1, and achieving minimum performance classifications of Air Permeability Class 4 (UNE-EN 12207), Water Tightness Class E1800 (UNE-EN 12208) and Wind Resistance Class C5 (UNE-EN 12210); all in accordance with the Scope of Works and Architectural Specification.				
<u>Door and frame set; Non fire -rated; Glazed</u>				
DG-02; overall size 2,000mm x 2,100mm high; double door	1	nr		
DG-03; overall size 2,000mm x 2,100mm high; double door	1	nr		
Ref: 2793 PD 9/3 To Collection €:				

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(31) EXTERNAL WALLS: COMPLETIONS (Continued)</u>					
Composite Items; External plant room door units comprising of 55mm thick flush cold welded pressed steel doorset; 1mm galvanised sheet; with PIR core insulation; internal channel steel sheet braced with 2mm PVC sheet thermal break sheets on either side of bracing inboard of sheeting; Semi recessed fibrous brush seal to sides and top; Extruded aluminium door threshold (14mm wide) with heavy duty rubber seal bottom of door edge weather seal; frames finished in RAL 9005 (approved by the Architect) with toughened double-glazed units consisting of 2 No. 6mm glass panes per door leaf, 12–18mm argon/krypton gas-filled cavity, low-emissivity coatings and warm-edge spacers to achieve a maximum elemental U-value of 1.6 W/m²K, including all ironmongery, mechanical fixings, brackets, straps, silicone and insulated sealants, ancillary components and associated works required for a complete installation, with all ironmongery and door assemblies complying with the manufacturer's recommendations, relevant certificates and Declarations of Performance (DoPs), BS EN 14351-1, and achieving minimum performance classifications of Air Permeability Class 4 (UNE-EN 12207), Water Tightness Class E1800 (UNE-EN 12208) and Wind Resistance Class C5 (UNE-EN 12210); all in accordance with the Scope of Works and Architectural Specification. <u>Doors; Fire Rated (60 minutes)</u>					
A	DG-01; overall size 2,000mm x 2,100mm high; double door; 60 min fire rated	1	nr		
Ref: 2793		PD 9/4		To Collection €:	

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(31) EXTERNAL WALLS: COMPLETIONS (Continued)</u>					
Composite items; Doors; Automatic Sliding Door and screens with Double glazing, Aluminum frames finished in RAL 9005 (approved by the Architect) with double-glazed units consisting of 2 No. 6mm glass panes per door leaf, 12–18mm argon/krypton gas-filled cavity, low-emissivity coatings and warm-edge spacers to achieve a maximum elemental U-value of 1.6 W/m²K, including activation sensors, emergency breakout facility and restrictors; door automation equipment complete with all ironmongery, mechanical fixings, brackets, straps, silicone and insulated sealants, ancillary components and associated works required for a complete installation, with all ironmongery and door assemblies complying with the manufacturer's recommendations, relevant certificates and Declarations of Performance (DoPs), BS EN 14351-1, and achieving minimum performance classifications of Air Permeability Class 4 (UNE-EN 12207), Water Tightness Class E1800 (UNE-EN 12208) and Wind Resistance Class C5 (UNE-EN 12210) <u>Automatic Sliding Door and screen</u>					
A	Overall size 2,775mm x 2,950mm high; Including 2,200mm x 2,475mm high door (DG-06)	1	nr		
Ref: 2793		PD 9/5		To Collection €:	

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(31) EXTERNAL WALLS: COMPLETIONS (Continued)</u>					
Composite Item; Proprietary glazing system; thermally broken Aluminum framed window units, Powder coated to RAL 9005 externally and RAL colour white internally(approved by the Architect), incorporating double-glazed insulated glass units comprising 2 no. 6mm panes with 12–18mm argon/krypton-filled cavity, Low-E coatings and warm-edge spacers achieving a maximum elemental U-value of 1.2 W/m²K; expanding foam to fill gaps and non-migrating silicone sealant; 600mm high single top hung sashes with fixed pane above as indicated including all ironmongery, fixings, brackets, sealants, insulation, ancillary components, testing, certification and all associated works necessary for a complete installation in accordance with BS EN 14351-1, and achieving minimum performance classifications of Air Permeability Class 4 (UNE-EN 12207), Water Tightness Class E1800 (UNE-EN 12208) and Wind Resistance Class C5 (UNE-EN 12210); all in accordance with the Scope of Works and Architectural Specification. <u>Windows</u>					
A	WF-04; Structural Ope Size Approx 1,450mm x 1,700mm high	1	nr		
B	WF-06; Structural Ope Size Approx 1,450mm x 1,700mm high	1	nr		
C	WF-09; Structural Ope Size Approx 1,450mm x 2,050mm high	1	nr		
D	WG-06; Structural Ope Size Approx 2,970mm x 2,350mm high	1	nr		
E	WG-05; Structural Ope Size Approx Approx 3,000mm x 2,750mm high	1	nr		
Ref: 2793		PD 9/6		To Collection €:	

Pricing Document

Description	Qty	Unit	Rate	Total
			€	€
<u>(31) EXTERNAL WALLS: COMPLETIONS (Continued)</u> Composite Item; Proprietary glazing system; thermally broken Aluminum framed window units, Powder coated to RAL 9005 externally and RAL colour white internally(approved by the Architect), incorporating double-glazed insulated glass units comprising 2 no. 6mm panes with 12–18mm argon/krypton-filled cavity, Low-E coatings and warm-edge spacers achieving a maximum elemental U-value of 1.2 W/m²K, complete with elsewhere measured integrated louver systems above window heads as detailed on the Architect's window schedule, expanding foam to fill gaps and non-migrating silicone sealant; opening sections as indicated including all ironmongery, fixings, brackets, sealants, insulation, ancillary components, testing, certification and all associated works necessary for a complete installation in accordance with BS EN 14351-1, and achieving minimum performance classifications of Air Permeability Class 4 (UNE-EN 12207), Water Tightness Class E1800 (UNE-EN 12208) and Wind Resistance Class C5 (UNE-EN 12210); all in accordance with the Scope of Works and Architectural Specification. <u>Windows</u>				
A WF-01; Structural Ope Size Approx 3,000mm x 2,050mm high; Fixed window	1	nr		
Ref: 2793	PD 9/7		To Collection €:	

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(31) EXTERNAL WALLS: COMPLETIONS (Continued)</u>					
Composite Item; Proprietary glazing system; thermally broken Aluminum framed window units, Powder coated to RAL 9005 externally and RAL colour white internally (approved by the Architect), incorporating double-glazed insulated glass units comprising 2 no. 6mm panes with 12–18mm argon/krypton-filled cavity, Low-E coatings and warm-edge spacers achieving a maximum elemental U-value of 1.2 W/m²K, complete with top 350mm high spandrel panel to accommodate ventilation inlets and air exhaust systems above window panes as detailed on the Architect's window schedule, expanding foam to fill gaps and non-migrating silicone sealant; 600mm high single top hung sashes with fixed pane above to one side of window; opening sections as indicated including all ironmongery, fixings, brackets, sealants, insulation, ancillary components, testing, certification and all associated works necessary for a complete installation in accordance with BS EN 14351-1, and achieving minimum performance classifications of Air Permeability Class 4 (UNE-EN 12207), Water Tightness Class E1800 (UNE-EN 12208) and Wind Resistance Class C5 (UNE-EN 12210); all in accordance with the Scope of Works and Architectural Specification. <u>Windows</u>					
A	WG-07; Structural Ope Size Approx 3,000mm x 2,050mm high	1	nr		
B	WF-05; Structural Ope Size Approx 3,000mm x 2,050mm high	1	nr		
C	WG-03; Structural Ope Size Approx 4,500mm x 2,050mm high	1	nr		
D	WF-03; Structural Ope Size Approx 4,500mm x 2,050mm high	1	nr		
E	WF-07; Structural Ope Size Approx 4,500mm x 2,050mm high	1	nr		
Ref: 2793		PD 9/8		To Collection €:	

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(31) EXTERNAL WALLS: COMPLETIONS (Continued)</u>					
A	WF-11; Structural Ope Size Approx 4,500mm x 2,050mm high	1	nr		
B	WF-02; Structural Ope Size Approx 21,000mm x 2,050mm high	1	nr		
C	WG-02; Structural Ope Size Approx 21,000mm x 2,050mm high	1	nr		
D	WF-08; Structural Ope Size Approx 25,450mm x 2,050mm high	1	nr		
E	WG-04; Structural Ope Size Approx 25,450mm x 2,050mm high	1	nr		
Composite Item; Proprietary glazed door and screen system; thermally broken Aluminum framed window units, Powder coated to RAL 9005 externally and RAL colour white internally(approved by the Architect), incorporating double-glazed insulated glass units comprising 2 no. 6mm panes with 12–18mm argon/krypton-filled cavity, Low-E coatings and warm-edge spacers achieving a maximum elemental U-value of 1.2 W/m²K; expanding foam to fill gaps and non-migrating silicone sealant; including all ironmongery, fixings, brackets, sealants, insulation, ancillary components, testing, certification and all associated works necessary for a complete installation in accordance with BS EN 14351-1, and achieving minimum performance classifications of Air Permeability Class 4 (UNE-EN 12207), Water Tightness Class E1800 (UNE-EN 12208) and Wind Resistance Class C5 (UNE-EN 12210); all in accordance with the Scope of Works and Architectural Specification.					
<u>Glazed Screen and door</u>					
F	WG-06; Overall size 5,390mm x 2,950mm high; Including 2,325mm x 2,250mm high double door (DG-07)	1	nr		
Ref: 2793		PD 9/9		To Collection €:	

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(31) EXTERNAL WALLS: COMPLETIONS (Continued)</u>					
Composite Item; Spandrel Panels - Insulated aluminium sandwich panel with integrated louver systems as detailed on the Architect's details; alloy to be in accordance with BS EN 485-2, AW-3005/H22; outer and inner skin to be 2.0mm powder coated aluminium to match the main frames and a PIR insulated core; same manufacturer to supply aluminium windows and doors for consistent profiles/style throughout; system to deliver improved thermal performance; overall thickness to manufacturer's design; manufacturer to contractors choice, RAL to be selected by Architect; achieving a minimum U-Value of 1.2W/m2k or better; RAL colour to be selected by Architect; Fire and smoke-rated to BS EN 14351-1, BS EN 16034 and BS 4873; expanding foam to fill gaps and non-migrating silicone sealant on select backing rod; all thermal performance to be proved via accredited thermal analysis to be in accordance with BS EN ISO 12567-1 to include for screw influence; Air permeability - 600Pa to BS EN 1026 & BS EN 12207, Water Penetration - 600Pa to BS EN 1027, Wind Resistance - to engineers specifications; all necessary secondary steel, drips, flashings, cappings, mastic, pointing, insulation / weatherproofing around windows and doors etc.; include for all testing, certification etc. two coats of bitumen solution or mastic-impregnated tape to components in contact with preservative treated timber or concrete; all in accordance with the Architects drawings and specifications <u>Spandrel Panels</u>					
A	Infill Panel Type 1 - Structural Ope Size Approx 350mm x 3,000mm	1	nr		
B	Infill Panel Type 2 - Structural Ope Size Approx 350mm x 4,500mm	5	nr		
C	Infill Panel Type 3 - Structural Ope Size Approx 350mm x 21,000mm	2	nr		
Ref: 2793		PD 9/10		To Collection €:	

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(31) EXTERNAL WALLS: COMPLETIONS (Continued)</u>					
A	Infill Panel Type 4 - Structural Ope Size Approx 350mm x 25,450mm	2	nr		
<u>Painting and Decorating: Painting</u>					
Sand, fill and prime 20mm thick Medite window board with bull nose edging; Including 50mm x 10mm cover facing slip; finished with 3no. coats of Matte oil paint to architects later selected shade; all in accordance with the Architetcs drawings and specifications					
<u>Second fixings</u>					
B	Girth exceeding 300mm	42	m2		
<u>ANY OTHER ITEMS</u>					
Quantity Adjustments					
<u>The Contractor to include here for any quantity adjustments necessary on any of the above items</u>					
A	.....		noid		
B	.....		noid		
C	.....		noid		
Any works deemed necessary to complete the work as indicated on the Architect's / Engineers drawings but not specifically identified and scheduled above					
<u>The Contractor shall describe and include here for any additional items in Qty Unit Rate format</u>					
A	.....		noid		
B	.....		noid		
C	.....		noid		
Total					
Ref: 2793		PD 9/11		To Collection €:	

[illegible]

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(32) INTERNAL WALL, PARTITIONS COMPLETION</u>					
<u>GENERALLY</u>					
The Contractor should note the following					
<u>Notes</u>					
A	Refer to Architect's Drawings & Specifications for full details	1	Note		
B	Expanding foam packing between the frame and structure of all fire rated door sets is deemed to be included	1	Note		
C	All fire doors to be identified by permanently fixed small plate indicating the period of resistance, manufacturer and year of manufacture. Plate to be neatly inset to jamb of door at hinge side. Sample to be provided and approved prior to commencement of manufacture	1	Note		
<u>WOODWORK: Structural and First Fixings</u>					
First Fixing: 100 mm x 44 mm softwood members constructed in ladder framework for support of the WC IPS panels (e.m), framework plugged and screwed to block work wall and concrete floors.					
<u>First Fixing</u>					
D	framed areas, exceeding 300 mm (front panel)	10	m2		
<u>WOODWORK: Composite Items</u>					
Composite items; Door and associated frame set; complete; 44mm thick single leaf flush solid core door; hardwood veneered finish; softwood door frame 100mm x 44mm thick; 18mm rebates; fixing frame to blockwork / studwork by plugging, countersinking, pelleting with concealed fixings; including intumescent strips; complete with ironmongery (measured separately), packers, trims, beads, slips, sealants, fixings and all necessary accessories; Paint finish measured elsewhere; all in accordance with the Architect's drawings,schedules and specifications.all reference Architects Drawings and schedules;					
Ref: 2793		PD 10/1		To Collection €:	

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(32) INTERNAL WALL, PARTITIONS COMPLETION</u>					
<u>(Continued)</u>					
<u>Door and frame set complete; Non Fire Rated; Single leaf; to include softwood glazed beads</u>					
A	Type 1; overall size 1,000 x 2,100 mm	6	nr		
B	Type 3; overall size 1,000 x 2,100 mm	18	nr		
C	Type 2; overall size 1,000mm x 2,100mm including 200mm x 1,500mm Pyro 30 insulated central glass vision panel	32	nr		
<u>Door and frame set complete; 30-minute Fire Rated; Single leaf; to include softwood glazed beads</u>					
D	Type 1; overall size 1000 x 2100 mm	8	nr		
E	Type 2; overall size 1,000mm x 2,100mm including 200mm x 1,500mm Pyro 30 insulated central glass vision panel	12	nr		
<u>WOODWORK: Ironmongery, Accessories And Sundries</u>					
Ironmongery; supply and fix the following ironmongery including all necessary fixings; complete; all in strict accordance with the manufacturers instructions and the Architect's Specifications					
<u>Ironmongery; Non Fire Rated Doors and Fire Rated Doors (please refer to door schedule)</u>					
F	Frisco Stainless Steel Maintenance Free Self Lubricating Thrust Bearing Hinge to hEN1935 Grade 4/7/6/1/1/4/0/14 and Certifire CF336; Ref: KH-14931R/SSS, or equal and approved	231	nr		
G	KCC Architectural Slimline Cam Action Slide Channel Door Closer to hEN1154 grade 3/8(4/2)1/1/3; Ref: KD-9200N/SSS, or equal and approved	78	nr		
H	Tigris Premium Patented Single Cylinder 45 to BS EN1303:2015 grade 1/6/0/B/0/C/6/C. Masterkeyed 2 Keys; Ref: KC-9501/MK2K/SNP, or equal and approved	68	nr		
J	KCC Floor Mounted Door Stop; Ref: KA-9501/SSS, or equal and approved	77	nr		
Ref: 2793		PD 10/2		To Collection €:	

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(32) INTERNAL WALL, PARTITIONS COMPLETION</u>					
<u>(Continued)</u>					
A	KCC Stainless Steel 304 Square Corner Kicking Plate. H150 x W900; Ref: KA-9710S/304/150X900/SSS, or equal and approved	142	nr		
B	KCC Grade 304 Stainless Steel 'Fire Door Keep Shut' Sign - White Text; Ref: KA-9200W/304/SSS, or equal and approved	134	nr		
C	Flexfire Fire Rated Graphite Based Intumescent Hingeplate Protector, 2mm, Black, Self Adhesive; Ref: KA-FS1900GR/2/BLK, or equal and approved	378	nr		
D	Flexfire Fire Rated Graphite Based Intumescent Hingeplate Protector, 2mm, Black, Self Adhesive; Ref: KA-FS502R/BLK, or equal and approved	84	nr		
E	Fire Rated Graphite Based Intumescent Alloy 560 & 561 Lock Protector, 2mm, Black, Self Adhesive; Ref: KA-INT/GR560/65/2, or equal and approved	73	nr		
F	KCC Heavy Duty Modular Mortice Sashlock c/w Anti-Rattle Adjustable Strike Plate to hEN12209 grade 3 X 5 1 0 F 3 B C 2 0 and Certifire CF5234; Ref: KL-1901RAR/SSS, or equal and approved	63	nr		
G	Tigris Premium Patented Single & Turn Cylinder 3535 to BS EN1303:2015 grade 1/6/0/B/0/C/6/C. Masterkeyed 2 Keys; Ref: KC-9511/MK2K/SNP, or equal and approved	65	nr		
H	KCC Tubular Stainless Steel 304 19mm Unsprung Rose Lever Handle on Rose to BS EN1906:2012 grade 4/7-B/0/4/0/U; Ref: KF-2001/SSS, or equal and approved	69	sets		
J	KCC Stainless Steel 304 Euro Profile Escutcheon. 5mm; Ref: KF-2101/SSS, or equal and approved	132	nr		
K	Two-part rebate strike plate set complete to align precisely with latch/lock case: Rebate Strike Plate Set	18	nr		
L	Concealed recessed top flush bolt to inactive leaf, 300mm long, finish to match other ironmongery, engaging into metal head socket recessed into overhead door frame: Top Flush Bolt	9	nr		
Ref: 2793		PD 10/3		To Collection €:	

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(32) INTERNAL WALL, PARTITIONS COMPLETION</u> <u>(Continued)</u>					
A	Concealed recessed bottom flush bolt to inactive leaf, 200mm long, finish to match other ironmongery, engaging into floor socket or threshold plate: Bottom Flush Bolt	9	nr		
B	KCC Heavy Duty Modular Bathroom Lock c/w Anti-Rattle Adjustable Strike Plate to hEN12209 grade 3 X 5 1 0 F-B G 2 0 and Certifire CF5234; Ref: KL-1904RAR/SSS, or equal and approved	6	nr		
C	KCC Stainless Steel 304 Standard Thumbturn & Indicator Release 6mm; Ref: KF-2110/SSS, or equal and approved	4	nr		
D	KCC Hat & Coat Hook; Ref: KA-9400/SSS, or equal and approved	6	nr		
E	KCC Grade 304 Stainless Steel Unisex Symbol; Ref: KA-9103/304/SSS, or equal and approved	6	nr		
F	KCC Stainless Steel 304 Accessible Thumbturn & Release 6mm; Ref: KF-2111/SSS, or equal and approved	2	nr		
G	KCC Stainless Steel 304 Square Corner Kicking Plate. H400 x W1000; Ref: KA-9710S/304/400X1000/SSS, or equal and approved	4	nr		
H	KCC Grade 304 Stainless Steel Accessible Symbol; Ref: KA-9102/304/SSS, or equal and approved	2	nr		
J	KCC Round Bar Pull Handle. Grade 304 Stainless Steel. A25 x B600 x C575 x D75. BT Fixing; Ref: KF-1378/12/304/SSS, or equal and approved	4	nr		
K	KCC Round Bar Pull Handle. Grade 304 Stainless Steel. A25 x B600 x C575 x D75. BT Fixing; Ref: KF-1378/12/304/SSS, or equal and approved	4	nr		
L	KCC Stainless Steel 304 Square Corner Finger Plate. W75 x L650; Ref: KA-9700S/304/75X650/SSS, or equal and approved	12	nr		
M	KCC Stainless Steel 304 radius Corner Kicking Plate. H150 x W900** (** note sized adjusted to suit leaf see door schedule); Ref: KA-9710R/304/150X900/SSS, or equal and approved	4	nr		
Ref: 2793		PD 10/4		To Collection €:	

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(32) INTERNAL WALL, PARTITIONS COMPLETION</u> <u>(Continued)</u>					
A	KCC Grade 304 Stainless Steel 'automatic fire door keep clear' Sign - White Text; Ref: KA-9202W/304/SSS, or equal and approved	8	nr		
B	Electromagnetic hold open device wall mounted at high level with Mild steel 70X70x5 with 150X150 plate at wall and c80X80 plate at magnet pad end to support when door does not reach wall. Device also to have release switch at standard height (between 900&1100mm) see also M&E package: Electromagnet hold open device	4	nr		
C	A drop seal to relevant door fire rating certified by door manufacturer and to also give acoustic performance is to be supplied and fitted with all door assemblies, this is to be factory fitted before delivery: Drop seal to door leaf	4	nr		
D	19mm diameter solid SS cranked round bar pull handle KF-8304B - BB/700; Ref: KF-8304B-BB/700, or equal and approved	1	nr		
E	KCC PVC 'Push Bar To Open' Sign To BS5499 300mm x 40mm; Ref: KA-9220SA/WHTGRN, or equal and approved	2	nr		
F	KCC PVC 'Fire Exit Keep Clear' Sign To BS5499; Ref: KA-9221/BLU, or equal and approved	2	nr		
G	Dormakaba 9000 Series Touch Bar Panic Latch c/w Hex Key Dogging. Fits 1220mm wide door, can be cut to door 838mm wide on site; Ref: KE-9700AA/SSS, or equal and approved	1	nr		
H	Dormakaba 9000 Series Touch Bar Panic Bolt c/w Hex Key Dogging. Fits 1220mm wide door, can be cut to door 838mm wide on site; Ref: KE-9800AA/SSS, or equal and approved	1	nr		
J	Dormakaba 9000 Series Lever Operated Outside Access Device Key Removable Locked or Unlocked, Suits Euro Profile Cylinder; Ref: KE-ZT08630EP/SSS, or equal and approved	1	nr		
K	KCC Vinyl Auto Door Sign SA. Double Sided. No Contact Details; Ref: KAD-SIGN/AUT/D/WHT, or equal and approved	2	nr		
Ref: 2793		PD 10/5		To Collection €:	

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(32) INTERNAL WALL, PARTITIONS COMPLETION</u>					
<u>(Continued)</u>					
A	Pair of flush bolts and receivers by steel door supplier; Ref: Flush bolts and receivers, or equal and approved	3	pair		
B	1No. Rim mounted night latch with receiver and escutcheon Master keyed 2 Keys; Ref: Rim mounted night latch, or equal and approved	3	nr		
C	1No. external grade Heavy Duty Modular Mortice dead lock with rebate kit receiver; Ref: External mortice dead lock, or equal and approved	3	nr		
D	1No. Finger pull; Ref: Finger pull, or equal and approved	1	nr		
E	Bespoke 180 degree Parliament hinges of galvanised steel or stainless steel construction, 5 No ballrace hinges per door leaf, three towards the top, one near the bottom and one on centre; Ref: Bespoke 180 degree Parliament hinges, or equal and approved	10	nr		
F	Bespoke heavy duty cabin hook and receiver at 1000mm above floor level to retain door leaves in the open position when open; Ref: Heavy duty cabin hook and receiver, or equal and approved	2	nr		
G	Industrial grade internal face fix 14mm diam top and bottom bolts (top bolt to be a long reach bolt, 1.2M down from top) of black powder coated galv steel -or- SS. All to SS receiver plates top and bottom; Ref: Industrial grade top and bottom bolts, or equal and approved	2	sets		
H	14mm diam 450mm long powder coated mild steel cross bolt: Cross bolt	1	nr		
J	1 No. 'Assembly point' aluminium c 600X450 printed type suitable for external use and galvanised steel pole height above ground 2.2 metres set in concrete base minimum depth 600 X 600 X 800 complete position to be agreed on site: Assembly point sign	1	nr		
Electromagnetic door access system as per the specification					
<u>Ironmongery</u>					
Ref: 2793		PD 10/6		To Collection €:	

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(32) INTERNAL WALL, PARTITIONS COMPLETION</u> <u>(Continued)</u>					
A	Electromagnetic door access system Combination Push Button cross bolt device <u>Ironmongery</u>	7	nr		
B	for common room <u>WOODWORK: Boarding and second fixings</u> 80 × 20mm splayed MDF architraves to both sides of internal fire rated door surrounds; mechanically fixed complete with all necessary fixings, preparation and making good; paint finish measured elsewhere; all in accordance with the Architect's drawings and specification <u>Architraves</u>	1	nr		
C	for door type 1	146	m		
D	for door type 2	458	m		
E	for door type 3	188	m		
<u>FLOOR, WALL AND CEILING FINISHING: System partitions</u> IPS Back panelling system; Cubicles or equivalent; Access Module; 18mm thick moisture resistant MDF core with high pressure laminate; 18mm compact grade laminate, polished to all edges to access panels; to selected colour; full aluminium framed system extruded satin anodised; including access panels, secretly fixed to carcassing measured elsewhere; zinc alloy die cast panel hinges and security catch to access panels; all fitted in accordance with the manufacturer's instructions and Architect's specification <u>IPS Panelling; to Male and Female WCs</u>					
F	approx 1,785mm wide x 2,800mm high (nominal), IPS to rear of WC;	2	nr		
G	extra over; forming ope for flush panel	4	nr		
Ref: 2793		PD 10/7		To Collection €:	

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(32) INTERNAL WALL, PARTITIONS COMPLETION</u>					
<u>(Continued)</u>					
WC cubicles; Non-visible full aluminium frame, pilasters, adjustable legs, friction fit clamps to panels, stainless steel fixings; xxxx high x 18 thick with 150mm floor clearance; 13mm solid Grade laminate with decorative surfaces both sides; Front, sides, skirting & head panels 13mm compact laminate; including all fascias, doors, pilasters, support fins, shelf; nylon and stainless steel polished/powder coat fittings and ironmongery, ss coat hook and door buffer; all in accordance with the manufacturer's instructions and Architects specifications					
<u>Cubicles</u>					
A	2nr cubicles; 2Nr doors; 1nr division; overall 2,270 long x 1,600 deep x 2,700mm high; Male WC	1	nr		
B	2nr cubicles; 2Nr doors; 1nr division; overall 2,270 long x 1,600 deep x 2,700mm high; Female WC	1	nr		
<u>PAINTING AND DECORATING: Painting</u>					
Prepare surfaces; one coat primer, two finish coats; finish coat applied in strict accordance with the manufacturers instructions; RAL colour to be confirmed by the Architect.					
<u>To timber surfaces</u>					
C	Doors; exceeding 300mm wide; painted both sides	324	m2		
<u>Second fixing</u>					
D	frames; not exceeding 300mm wide	396	m		
E	architraves; not exceeding 300mm wide	791	m		
<u>ANY OTHER ITEMS</u>					
Quantity Adjustments					
<u>The Contractor to include here for any quantity adjustments necessary on any of the above items</u>					
A	.....		noid		



Pricing Document

Description	Qty	Unit	Rate	Total
			€	€
<u>(32) INTERNAL WALL, PARTITIONS COMPLETION</u> <u>(Continued)</u>				
B		noid		
C		noid		
Any works deemed necessary to complete the work as indicated on the Architect's / Engineers drawings but not specifically identified and scheduled above				
<u>The Contractor shall describe and include here for any additional items in Qty Unit Rate format</u>				
A		noid		
B		noid		
C		noid		
Total				

Description	Qty	Unit	Rate	Total
			€	€
<u>(32) INTERNAL WALL, PARTITIONS COMPLETION</u> <u>(Continued)</u>				
COLLECTION				
PD 10/1:				
PD 10/2:				
PD 10/3:				
PD 10/4:				
PD 10/5:				
PD 10/6:				
PD 10/7:				
PD 10/8:				
PD 10/9:				
(32) INTERNAL WALL, PARTITIONS COMPLETION				
Carried to Summary:				

Ref: 2793

PD 10/10

Pricing Document

Description	Qty	Unit	Rate	Total
			€	€
<u>(33) FLOORS, GALLERIES COMPLETION</u>				
<u>GENERALLY</u>				
The Contractor should note the following				
Refer to Architect's / Civil & Structural / Building Service Engineer's Drawings & Specifications for full details		note		
<u>Drainage: Disposal above Ground</u>				
Pipework ancillaries: scuppers; supply and fix floor drain Scuppers to comprise 1mm stainless steel folded and seam welded rectangular tube 150mm X 80mm; Grade 316 stainless steel; Stainless Steel flanges to be formed internally and externally; External hinged flap to be provided on the exterior; Scuppers to be installed during the masonry laying stage and grouted in position; Back flap trim screw fixed to wall cladding panel to the exterior; silicone sealed, all in accordance with Architectural Specification and Drawings				
<u>Pipework ancillaries</u>				
225 x 150 x 80 mm	2	nr		
<u>Builders' Work in Connection with Mechanical and Electrical Installations and Movement Systems</u>				
Cuttting holes in walls; 91mm PIR Insulated External Wall Cladding Panel System for 150mm x 80mm rectangular tube				
<u>Forming or cutting opening in Walls</u>				
Girth less than 0.50m	2	nr		
<u>ANY OTHER ITEMS</u>				
Quantity Adjustments				
<u>The Contractor to include here for any quantity adjustments necessary on any of the above items</u>				
A		noid		
B		noid		
Ref: 2793 PD 11/1 To Collection €:				



Pricing Document

Description	Qty	Unit	Rate	Total
			€	€
<u>(33) FLOORS, GALLERIES COMPLETION (Continued)</u>				
C		noid		
Any works deemed necessary to complete the work as indicated on the Architect's / Engineers drawings but not specifically identified and scheduled above				
The Contractor shall describe and include here for any additional items in Qty Unit Rate format				
A		noid		
B		noid		
C		noid		
Total				

Description	Qty	Unit	Rate	Total
(33) FLOORS, GALLERIES COMPLETION (Continued) COLLECTION PD 11/1: PD 11/2: (33) FLOORS, GALLERIES COMPLETION Carried to Summary:			€	€

Ref: 2793 PD 11/3

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(34) STAIRS, RAMPS: COMPLETION</u>					
<u>GENERALLY</u>					
The Contractor should note the following					
Refer to Architect's / Civil & Structural / Building Service Engineer's Drawings & Specifications for full details			note		
<u>WOODWORK: Boarding & Second Fixings</u>					
Timber handrail; wall mounted; 40mm diameter oval shaped ash handrail (65mm vertically, 40mm horizontally); 21mm x 5mm routed groove at bottom for fixings; Mitre jointed at corners; painting measured elsewhere; Ash Handrail to be supported on 20mm x 5mm mild steel flat rail screw fixed into routed groove at 150mm centres with 4mm x 40mm counter sunk screws; handrail to be appropriately fixed on 12mm diameter spuds to 10mm steel brackets mechanically fixed to blockwork wall; all metal to be powder coated to a selected ral colour; finishes measured separately; handrail to extend 300mm beyond stairs; all in accordance with architectural drawings and specification.					
<u>Handrails, wall mounted</u>					
A	925mm high; raking; stairs	23	m		
B	925mm high; horizontal; landings	19	m		
<u>extra over handrails for</u>					
C	ends	14	nr		
D	extra over; change in direction bends	22	nr		
Ref: 2793		PD 12/1		To Collection €:	

**Brennan
Associates**

Description	Qty	Unit	Rate	Total
			€	€
<u>(34) STAIRS, RAMPS: COMPLETION (Continued)</u>				
Timber handrail; fixed to balustrade (measured elsewhere); 40mm diameter oval shaped ash handrail (65mm vertically, 40mm horizontally); 21mm x 5mm routed groove at bottom for fixings; Mitre jointed at corners; Ash Handrail to be supported on 20mm x 5mm mild steel flat rail screw fixed into routed groove at 150mm centres with 4mm x 40mm counter sunk screws; flat rail supported on 100mm x 12mm diameter mild steel vertical rod spuds at maximum 600mm X 600mm centres; Vertical spuds welded to top flat rail of balustrade frames; All burrs, sharp edges, and weld spatter must be ground smooth and sanded prior to coating application; all metal to be powder coated to a selected ral colour; finishes measured separately; handrail to extend 300mm beyond stairs; all in accordance with architectural drawings and specification.				
<u>Handrails, fixed to balustrade</u>				
925mm high; raking; stairs	36	m		
925mm high; horizontal; landings	18	m		
1,100mm high; horizontal; guarding to intermediate landing	3	m		
<u>extra over handrails for</u>				
ends	16	nr		
extra over; change in direction bends	14	nr		
<u>Metal work: Non-Structural</u>				

Ref: 2793

PD 12/2

To Collection €:

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(34) STAIRS, RAMPS: COMPLETION (Continued)</u>					
Balustrade; 16mm diameter round mild steel bar balustrade at 105mm c/c max; frame of 50mm x 6 mm folded steel flats. (Radius c.20mm); Main vertical support uprights of 75X 16mm mid steel flats with vertical welded fixing plates 150mm x 150mm x 12mm at bases for fixing to sides of PC stairs and landing edges; 4 No. fixings per baseplate, countersunk hex 8mm x 60mm Chemfix bolts. Uprights located consistently at not greater than every fourth tread; All burrs, sharp edges, and weld spatter must be ground smooth and sanded prior to coating application; paint finish measured separately; Balustrade to be fixed at 925mm above F.F.L throughout all flights & landings, all in accordance with architectural specification.					
<u>Composite Items</u>					
A	925mm high; raking; stairs	23	m		
B	925mm high; horizontal; landings	19	m		
Balustrade; 16mm diameter round mild steel bar balustrade at 105mm c/c max; frame of 50 X 6 mm folded steel flats. (Radius c.20mm); All burrs, sharp edges, and weld spatter must be ground smooth and sanded prior to coating application; paint finish measured separately; Balustrade to be fixed at 1100mm above F.F.L throughout all flights & landings, all in accordance with architectural specification.					
<u>Composite Items</u>					
C	1,100mm high; horizontal; landings	3	m		
<u>Painting and Decorating: Painting</u>					
Paint finish to handrails; Four coat matte polyurethane finish, sanded between coats with 400 grit paper; all in accordance with architectural specification.					
<u>Handrail</u>					
D	raking; stairs	46	m		
Ref: 2793				PD 12/3	
				To Collection €:	

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(34) STAIRS, RAMPS: COMPLETION (Continued)</u>					
A	horizontal; landings Paint finish to guarding rails and balustrades; Shotblast to Sa 2½ in accordance with ISO 8501-1; Primer type: 2-pack epoxy zinc phosphate primer, DFT: 60–80 microns; intermediate Coat 2-pack high-build epoxy DFT: 80–120 microns; finish Coat: 2-pack polyurethane (PU) or epoxy finish DFT: 40–60 microns; Finish: semi-gloss to selected shade; all in accordance with architectural specification. <u>Railing</u>	37	m		
B	horizontal; landings Paint finish to balustrades; Shotblast to Sa 2½ in accordance with ISO 8501-1; Primer type: 2-pack epoxy zinc phosphate primer, DFT: 60–80 microns; intermediate Coat 2-pack high-build epoxy DFT: 80–120 microns; finish Coat: 2-pack polyurethane (PU) or epoxy finish DFT: 40–60 microns; Finish: semi-gloss to selected shade; all in accordance with architectural specification. <u>Balustrades</u>	1	m2		
C	raking; stairs	42	m2		
D	horizontal; landings	40	m2		
<u>ANY OTHER ITEMS</u>					
Quantity Adjustments					
<u>The Contractor to include here for any quantity adjustments necessary on any of the above items</u>					
A			noid		
B			noid		
C			noid		
Ref: 2793		PD 12/4		To Collection €:	

Pricing Document

Description	Qty	Unit	Rate	Total
			€	€
<u>(34) STAIRS, RAMPS: COMPLETION (Continued)</u>				
Any works deemed necessary to complete the work as indicated on the Architect's / Engineers drawings but not specifically identified and scheduled above				
<u>The Contractor shall describe and include here for any additional items in Qty Unit Rate format</u>				
A		noid		
B		noid		
C		noid		
Total				

[illegible]

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(35) SUSPENDED CEILING</u>					
<u>GENERALLY</u>					
The contractor should note the following					
<u>Notes</u>					
Refer to Architect's / Civil & Structural / Building Service Engineer's Drawings & Specifications for full details			note		
<u>Floor, Wall and Ceiling Finishings: Suspended Ceilings</u>					
Suspended ceiling system to standard EN 13964 consisting of suspended click system; 595mm x 595mm x 24mm thick ceiling tiles with rebated edges to perimeter; white colour; to fit 600mm x 600mm grid geometry; suspension hangers 25mm x 25mm angle at 1200mm centres; 24mm wide T-profile ceiling grid with A24 edge detail; complete with 38mm high main runners / cross tees and all necessary accessories; All grid components made of galvanised steel with a smooth, white surface as per Architects Drawings and specification					
<u>Ceilings</u>					
A	depth of suspension exceeding 500mm and not exceeding 1,000mm	549	m2		
B	depth of suspension exceeding 1,000mm and not exceeding 1,500mm	652	m2		
<u>Accessories</u>					
C	Edge trim; Horizontal inverted 30mm x 80mm sized 'U' shaped white painted light gauge metal channel at ceiling perimeter abutting Aluminum transom; mechanically fixed to ceiling edge angle and transom; complete with all necessary fixings; as per Architects drawings and specification	126	m		
Ref: 2793		PD 13/1		To Collection €:	

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(35) SUSPENDED CEILING (Continued)</u>					
Suspended ceiling on metal framing to solid plasterboard system; Gypsum MF system or equal approved; one layer of 15mm fire liner plasterboard; taped and jointed; All screw heads and jointing in Fire liner board to be taped and sealed as per manufacturer's recommendations; plasterboard fixed to galvanized steel top hat sections; system suspended from multi-beams using 1mm galvanised sheet folded 40mm x 40mm with 40mm flaps to be screwed to underside of multibeams; complete including all metal channels, angles, straps, hangers, cleats, clips, timber frame supporting bulkhead/ceilings to contractors design; complete with all necessary fixings and accessories; as per Architects drawings and specificatrion document					
<u>Ceilings</u>					
A	depth of suspension exceeding 150mm and not exceeding 500mm	48	m2		
<u>Accessories</u>					
B	edge trims	46	m		
Light tunnels for roof lights; Gypsum MF system or equal approved; one layer of 15mm fire liner plasterboard; taped and jointed; 30mm x 30mm x 1mm top hat framing, suspended from multi-beams with 30mm x 1mm angle straps and diagonal bracing; complete with all necessary supports, jointing, fixings; as per Architects drawings and specificatrion document					
<u>Bulkhead</u>					
C	depth of suspension exceeding 1,000mm and not exceeding 1,500mm	31	m2		
<u>ANY OTHER ITEMS</u>					
Quantity Adjustments					
<u>The Contractor to include here for any quantity adjustments necessary on any of the above items</u>					

Pricing Document

Description	Qty	Unit	Rate	Total
			€	€
<u>(35) SUSPENDED CEILING (Continued)</u>				
A		noid		
B		noid		
C		noid		
Any works deemed necessary to complete the work as indicated on the Architect's / Engineers drawings but not specifically identified and scheduled above				
<u>The Contractor shall describe and include here for any additional items in Qty Unit Rate format</u>				
A		noid		
B		noid		
C		noid		
Total				

Description	Qty	Unit	Rate	Total
(35) SUSPENDED CEILING (Continued) COLLECTION PD 13/1: PD 13/2: PD 13/3: (35) SUSPENDED CEILING Carried to Summary:			€	€

Ref: 2793

PD 13/4

Pricing Document

Description	Qty	Unit	Rate	Total
<u>(37) ROOF COMPLETIONS</u> <u>GENERALLY</u> The Contractor should note the following <u>Notes</u> Refer to Architect's / Civil & Structural / Building Service Engineer's Drawings & Specifications for full details <u>METALWORK: Non Structural</u> <u>Composite Items</u> <u>Framed rooflight AOV; by VELUX or similar electronically operated smoke vent; complete with aluminum soaker; integral metal flashings and finishing trim, 300mm PVC upstand; extruded sections with integral wrap-over edge filled with insulation, Fill between frame and reveal with Polyurethane (PUR) expanding foam fillers and Intumescent foam fillers; 300mm high frame with thermal breaks; U-value (maximum): 1.2 W/m²·K; Unbroken EPDM to prevent water ingress; installations must be wind and watertight under all conditions with full allowance made for deflections and other movements; all associated ironmongery; to be fully tested and compliant with EN 12101-2; to include all necessary accessories e.g. control panels, detectors, manual control points etc; motor operated 24v - activated on a smoke detection; manual override linked back to the reception; all installed as per manufactures instructionsall as per Architects drawing and specification for more details</u> size: 1,030mm x 1,050mm; automatic open roof light		note	€	€
	2	nr		

Ref: 2793

PD 14/1

To Collection €:

Pricing Document

	Description	Qty	Unit	Rate	Total
				€	€
	<u>(37) ROOF COMPLETIONS (Continued)</u> <u>Framed rooflight by VELUX or similar; complete with aluminum soaker; Double glazed flat window (following roof profile) with laminated inner pane and toughened outer pane for additional safety; composite twin skin aluminium insulated frame with proprietary insulated metal kerb and upstand with internal rigid insulation designed for trapezoidal deck; thermally broken aluminium; extruded sections with integral wrap-over edge filled with insulation, Fill between frame and reveal with Polyurethane (PUR) expanding foam fillers and Intumescent foam fillers; U-value (maximum): 1.2 W/m²·K(including kerb and upstand), Air permeability: ≤ 3 m³/hr/m² @ 50 Pa; Upstand minimum 300mm high above roof profile; all fixed to Roof Multibeam and trimmers (measured elsewhere) ; Unbroken EPDM to prevent water ingress; integrated drainage channels; installations must be wind and watertight under all conditions with full allowance made for deflections and other movements; all associated ironmongery; Internal visible surfaces factory painted white; all installed as per manufactures instructions; all as per Architects drawing and specification for more details</u>				
A	size: 1,030mm x1,050mm; roof light <u>Guided type fall arrest systems Premium Guided Anchor Line; 8mm Stainless steel cable, Anti-Pendulum Anchors to prevent swing-fall; Galvanised tensioner assembly posts fitted to new trapezoidal roof with chemical type anchors mechanically fixed, Mild steel hot dip galvanized to BS 7371-6; minimum anchor fixings load of 12kn; continuous at all intermediate and corner brackets; System to be installed and tested in accordance with the BS 7883 and EN 795 by the system manufacturer or a contractor approved by the system manufacturer; Severe wind loading; including the supply of 4nr Proprietary Full Body Harnesses, 4nr Proprietary Standard 2m shock absorbing lanyards, 4nr Proprietary 10m Rope & Grabs, 4nr Proprietary Cable Shuttles; all in accordance with Architect's specification</u>	6	nr head4		
B	Main Roof; overall perimeter length: 160m	1	Item		

Pricing Document

Description	Qty	Unit	Rate	Total
			€	€
<u>(37) ROOF COMPLETIONS (Continued)</u>				
<u>ANY OTHER ITEMS</u>				
Quantity Adjustments				
<u>The Contractor to include here for any quantity adjustments necessary on any of the above items</u>		item		
A		noid		
B		noid		
C		noid		
Any works deemed necessary to complete the work as indicated on the Architect's / Engineers drawings but not specifically identified and scheduled above				
<u>The Contractor shall describe and include here for any additional items in Qty Unit Rate format</u>				
A		noid		
B		noid		
C		noid		
Total				
Ref: 2793 PD 14/3 To Collection €:				

[illegible]

**Brennan
Associates**

Description	Qty	Unit	Rate	Total
			€	€
<u>(41) WALL FINISHES EXTERNALLY</u> <u>GENERALLY</u> The Contractor should note the following <u>Notes</u> 1. Refer to Architect's / Civil & Structural / Building Service Engineer's Drawings & Specifications for full details 2. Metal angle beads, stop beads and lathing at junctions of differing backgrounds are deemed to be included <u>Floor, Wall and Ceiling Finishings: Finishings</u> Plaster Finish to External Cavity Wall Outer Leaf; Cement sand plaster/render finish shall be applied to the external cavity wall outer leaf; 3nr coats; Coat 1: 3-5mm thickness; 1: 4 of Cement: Sharp Sand, include for a waterproof agent Sika or similar, Coat 2: 10-14mm thickness - Scratch Coat the mix ratio is 1: 5 of Cement: Plastering Sand with plasticiser Coat 3: 10-14mm thickness - Knapp Finish Coat - 1: 6 of Cement to Plastering Sand. All surface preparation, backing and finishing coats, beads, jointing, curing, and ancillary works shall be included in accordance with the drawings, Specifications, and manufacturer's recommendations. <u>Walls</u> Exceeding 300mm wide <u>ANY OTHER ITEMS</u> Quantity Adjustments <u>The Contractor to include here for any quantity adjustments necessary on any of the above items</u> A B C	66	m2		

Ref: 2793

PD 15/1

To Collection €:

Pricing Document

Description	Qty	Unit	Rate	Total
			€	€
<u>(41) WALL FINISHES EXTERNALLY (Continued)</u>				
Any works deemed necessary to complete the work as indicated on the Architect's / Engineers drawings but not specifically identified and scheduled above				
<u>The Contractor shall describe and include here for any additional items in Qty Unit Rate format</u>				
A		noid		
B		noid		
C		noid		
Total				

[illegible]

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(42) WALL FINISHES INTERNALLY</u>					
<u>GENERALLY</u>					
The Contractor should note the following					
<u>Notes</u>					
1. Refer to Architect's / Civil & Structural / Building Service Engineer's Drawings & Specifications for full details			note		
Metal angle beads, stop beads and lathing at junctions of differing backgrounds are deemed to be included			note		
<u>Floor, Wall and Ceiling Finishings: Finishings</u>					
Skim coat/plastering; Prepare and apply approximately 2-3 mm thick gypsum type or equally approved skimmed plaster finish on both sides; to all walls as per specification.					
<u>Walls</u>					
A	Skim coat; exceeding 300mm wide	3,950	m2		
<u>Reveals</u>					
B	Skim coat; not exceeding 300mm wide	459	m		
<u>Floor, Wall and Ceiling Finishings: Tile, Slab and Mosaic Finishes</u>					
Ceramic wall tiles, Metro tile finish, size and colour to be confirmed, fixed with approved adhesive and grouted in accordance with the manufacturer's recommendations, complete, in accordance with drawing P22-034-BA-T-028/029/030.					
<u>Walls</u>					
C	Width exceeding 300mm	18	m2		
<u>Sundries</u>					
D	Edge trim; girth not exceeding 150mm	19	m		
<u>Glazing</u>					
Ref: 2793		PD 16/1		To Collection €:	

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(42) WALL FINISHES INTERNALLY (Continued)</u>					
Splash back; 6mm toughened glass; comply with EN 12600 with factory applied heat resistant paint; moisture and UV resistant, non-fading; machine polished edges, 90-degree finish, making the glass visually appealing and safe to touch; Arrised (to remove sharpness): The perimeter edges of glass are to feature a tiny 45-degree chamfer; corners are to be curved or rounded as per the specification.					
<u>Glazing</u>					
A	Exceeding 4 m2; up to 600mm high	5	m2		
B	Exceeding 4 m2; up to 950mm high	7	m2		
C	Exceeding 4 m2; up to 1450mm high	13	m2		
<u>Painting and Decorating: Painting</u>					
Prepare surfaces; Matte vinyl Paint; one coat primer, two finish coats; finish coat applied in strict accordance with the manufacturers instructions; RAL colour to be confirmed by the Architect.					
<u>Walls</u>					
D	Girth exceeding 300 mm; up to 2100mm high	14	m2		
E	Girth exceeding 300 mm; up to 2600mm high	1,206	m2		
F	Girth exceeding 300 mm; up to 2700mm high	1,261	m2		
G	Girth exceeding 300 mm; up to 3375mm high	107	m2		
<u>Reveals</u>					
H	Girth not exceeding 300mm wide	459	m		
<u>ANY OTHER ITEMS</u>					
Quantity Adjustments					
<u>The Contractor to include here for any quantity adjustments necessary on any of the above items</u>					
A			noid		

Pricing Document

Description	Qty	Unit	Rate	Total
			€	€
<u>(42) WALL FINISHES INTERNALLY (Continued)</u>				
B		noid		
C		noid		
Any works deemed necessary to complete the work as indicated on the Architect's / Engineers drawings but not specifically identified and scheduled above				
<u>The Contractor shall describe and include here for any additional items in Qty Unit Rate format</u>				
A		noid		
B		noid		
C		noid		
Total				

Description	Qty	Unit	Rate	Total
			€	€
(42) WALL FINISHES INTERNALLY (Continued)				
COLLECTION				
PD 16/1:				
PD 16/2:				
PD 16/3:				
(42) WALL FINISHES INTERNALLY				
Carried to Summary:				
Ref: 2793				
PD 16/4				

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(43) FLOOR FINISHES</u>					
<u>GENERALLY</u>					
The Contractor should note the following					
<u>Notes</u>					
1. Refer to Architect's / Civil & Structural / Building Service Engineer's Drawings & Specifications for full details			note		
<u>Woodwork, Boarding and second fixings</u>					
MDF skirting; 20mm thick; paint finish (measured separately); all as per Catalyst BO'D scope specification details.					
<u>Second fixings</u>					
A	skirting; 150mm high	656	m		
<u>FLOOR, WALL AND CEILING FINISHINGS: Finishings</u>					
<u>IN SITU FINISHES</u>					
Achieving required moisture content in new concrete floors prior to laying floor finish; in preparation for new floor finishes; compatible with respective floor finish; Moisture suppressing DPM to be poured on concrete floor in preparation for new floor finishes; all in accordance with the Manufacturers Instructions and Architects Specifications					
<u>Moisture suppressing DPM</u>					
B	under marmoleum	428	m2		
C	under carpet tiles	942	m2		
D	under anti-slip mattwell	2	m2		
Levelling compound or equal approved; in preparation for new floor finishes; compatible with respective floor finish; to be poured on concrete floor in preparation for new floor finishes; primed with primer, poured in accordance with the Manufacturers Instructions and Architects Specifications					
Ref: 2793		PD 17/1		To Collection €:	

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(43) FLOOR FINISHES (Continued)</u>					
<u>Concrete Floors</u>					
A	At contractors discretion; under marmoleum	1	Item		
B	At contractors discretion; under carpet tiles	1	Item		
C	At contractors discretion; under anti-slip mattwell	1	Item		
<u>Floor, wall and ceiling finishes: Finishings</u>					
Supply and install approved 2mm thick heavy-duty industrial-grade R10 slip-resistant (marmoleum 01-single colour) flooring with 0.7mm wear layer, pure plasticised PVC wear layer with PUR pearl textured surface, quartz/carborundum particles for sustainable slip resistance, Class 34/43 - with 2mm thick sheet (2000mm width); Group T wear rating, complying with EN 16165 Annex B (R10) and HSE recommendations. Flooring to be low maintenance, durable, suitable for wet and high-traffic areas; with backing containing minimum 50% recycled content and manufactured under ISO 14001 environmental standards. Prepare substrate as required, including leveling compound; reno 2 coat epoxy primer and moisture barrier where necessary; Install using Eurocol 540 adhesive or equal and approved; complete with welded joints and all accessories; with 150mm self-coved skirting allow for cove former 38mm radius tapered to architraves(180mm H for the stairs). Colour to be approved by architect and fitted as per drawings & spec. in accordance with manufacturer's recommendations refer spec: Catalyst BO'D scope					
<u>Floors</u>					
D	exceeding 300mm wide	84	m2		
Ref: 2793		PD 17/2		To Collection €:	

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(43) FLOOR FINISHES (Continued)</u>					
Supply and install approved 2mm thick heavy-duty industrial-grade R10 slip-resistant (marmoleum 01-colour pattern) flooring with 0.7mm wear layer, pure plasticised PVC wear layer with PUR pearl textured surface, quartz/carborundum particles for sustainable slip resistance, Class 34/43 - with 2mm thick sheet (2000mm width); Group T wear rating, complying with EN 16165 Annex B (R10) and HSE recommendations. Flooring to be low maintenance, durable, suitable for wet and high-traffic areas; with backing containing minimum 50% recycled content and manufactured under ISO 14001 environmental standards. Prepare substrate as required, including leveling compound; reno 2 coat epoxy primer and moisture barrier where necessary; Install using Eurocol 540 adhesive or equal and approved; complete with welded joints and all accessories; with 150mm self-coved skirting allow for cove former 38mm radius tapered to architraves(180mm H for the stairs). Colour pattern to be approved by architect and fitted as per drawings & spec. in accordance with manufacturer's recommendations refer spec: Catalyst BO'D scope <u>Floors</u> A exceeding 300mm wide <u>Skirtings</u> B girth not exceeding 150mm		210	m2		
		201	m		
Ref: 2793		PD 17/3		To Collection €:	

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(43) FLOOR FINISHES (Continued)</u>					
Supply and install approved 2mm thick heavy-duty industrial-grade R10 slip-resistant (marmoleum 02) flooring with 0.7mm wear layer, pure plasticised PVC wear layer with PUR pearl textured surface, quartz/carborundum particles for sustainable slip resistance, Class 34/43 - with 2mm thick sheet (2000mm width); Group T wear rating, complying with EN 16165 Annex B (R10) and HSE recommendations. Flooring to be low maintenance, durable, suitable for wet and high-traffic areas; with backing containing minimum 50% recycled content and manufactured under ISO 14001 environmental standards. Prepare substrate as required, including leveling compound; reno 2 coat epoxy primer and moisture barrier where necessary; Install using Eurocol 540 adhesive or equal and approved; complete with welded joints and all accessories; with 150mm self-coved skirting allow for cove former 38mm radius tapered to architraves; Colour / Pattern to be approved by architect and fitted as per drawings & spec. in accordance with manufacturer's recommendations refer spec: Catalyst BO'D scope <u>Floors</u>					
A	exceeding 300mm wide	49	m2		
<u>Skirtings</u>					
B	girth not exceeding 150mm	37	m		
Ref: 2793		PD 17/4		To Collection €:	

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(43) FLOOR FINISHES (Continued)</u>					
Supply and install approved 2.0mm thick R12 slip-resistant heterogeneous PVC sheet (marmoleum 03) flooring complying with BS EN ISO 10582, BS EN 13845, EN 16165 Annex B (R12) and BS EN 685 / ISO 10874 Class 34/43. Flooring shall provide durable slip resistance with Wet Pendulum Test Value ≥ 36 and surface roughness ≥ 20 microns, suitable for heavy-duty commercial and industrial applications. Install using Euracol 540 Eurosafe special, Eurocol 640 Eurostar Special, Eurocol 140 Euromix PU, Eurocol 233 Eurosol Contact; manufacturer-approved adhesive systems and complete with grooved, heat-welded joints using matching weld rods; as clause 820 omitting polish finish; with 150mm self coved skirting. Colour and pattern shall be selected and approved by the Architect. Including accessories and all associated works in accordance with manufacturer's recommendations refer spec: Catalyst BO'D scope <u>Floors</u>					
A	exceeding 300mm wide	87	m2		
<u>Skirtings</u>					
B	girth not exceeding 150mm	123	m		
Supply and install Anti-slip approved heavy-duty recessed entrance matting system complete with scraper bars and ECONYL® (or equal approved) inserts with rigid PVC scrapers, designed to effectively remove dirt and moisture from foot traffic. Matting shall be minimum 22mm thick, UV resistant, and suitable for recessed installation within finished concrete floor recesses. System shall comply with EN 13501-1 and EN 1307 requirements. including all accessories and fittings in accordance with manufacturer's recommendations refer spec: Catalyst BO'D scope <u>Floors</u>					

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(43) FLOOR FINISHES (Continued)</u>					
A	exceeding 300mm wide Supply and install approved Class 33 heavy commercial-use carpet tiles, 500mm x 500mm, solution-dyed and suitable for high-traffic areas, complete with approved tackifier adhesive in accordance with the manufacturer's recommendations refer spec: Catalyst BO'D scope <u>Floors</u>	2	m2		
B	exceeding 300mm wide	942	m2		
C	Extra over setting of finishes into floor box covers as necessary Supply and install extruded aluminium (anodised), stainless steel transition strip suitable for heavy-duty office use; 55mm wide; satin finish; at all internal door openings between Marmoleum (or equivalent) sheet flooring and carpet finishes; Z profile, cover strip or reducer as required; Transition strips to be positioned centrally under door leaf; Fixed securely using concealed mechanical fixings or proprietary clip system; Cut and fit accurately to achieve tight, straight junctions; including all necessary sealing and accessories; as per Architects drawings and specifications <u>Sundries</u>	26	nr		
D	Transition strip between marmoleum floor and carpet tile floor Supply and install External door threshold; including all accessories and fittings; as per engineer's specifications <u>Sundries</u>	27	m		
E	100mm wide door threshold	14	m		

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(43) FLOOR FINISHES (Continued)</u>					
Supply and install edge trim, securely bonded with approved adhesive and finished with hot-welded joints. Colour to match flooring and installation as per engineer's specifications					
<u>Sundries</u>					
A	Top edge trim	342	m		
Supply and install captile strip, securely bonded with approved adhesive and finished with hot-welded joints. Colour to match flooring and installation as per engineer's specifications					
<u>Sundries</u>					
B	TC48 captile strip	8	m		
Supply and install PVC capping, securely bonded with approved adhesive and finished with hot-welded joints. Colour to match flooring and installation as per engineer's specifications					
<u>Sundries</u>					
C	HCS48 PVC capping	115	m		
<u>Painting and decorating: Painting</u>					
Supply and apply approved two-pack epoxy resin anti-slip Matt floor coating; comprising a heavy-duty industrial-grade coarse textured finish providing enhanced slip resistance and durability. Coating shall be CE marked and tested for slip resistance, abrasion, scratch, impact resistance, adhesion and hardness; with good chemical resistance and A+ VOC emissions rating. Apply by medium-pile roller with brush application at perimeters and edges as required. Colour to be confirmed by architect; including all accessories and fittings in accordance with manufacturer's recommendations refer spec: Catalyst BO'D scope					
<u>Floors</u>					

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(43) FLOOR FINISHES (Continued)</u>					
A	exceeding 300mm wide 150mm MDF skirting; 3 coats of paint finish; in accordance with manufacturer's recommendations refer spec: Catalyst BO'D scope <u>Second fixings</u>	37	m2		
B	skirting; girth not exceeding 300mm	656	m		
<u>ANY OTHER ITEMS</u>					
Quantity Adjustments					
<u>The Contractor to include here for any quantity adjustments necessary on any of the above items</u>					
A	.....		noid		
B	.....		noid		
C	.....		noid		
Any works deemed necessary to complete the work as indicated on the Architect's / Engineers drawings but not specifically identified and scheduled above					
<u>The Contractor shall describe and include here for any additional items in Qty Unit Rate format</u>					
A	.....		noid		
B	.....		noid		
C	.....		noid		
Total					
Ref: 2793		PD 17/8		To Collection €:	

Description	Qty	Unit	Rate	Total
(43) FLOOR FINISHES (Continued) COLLECTION PD 17/1: PD 17/2: PD 17/3: PD 17/4: PD 17/5: PD 17/6: PD 17/7: PD 17/8: (43) FLOOR FINISHES Carried to Summary:			€	€

Ref: 2793

PD 17/9

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(44) STAIRS, RAMPS : FINISHES</u>					
<u>GENERALLY</u>					
The Contractor should note the following					
1. Refer to Architect's / Civil & Structural / Building Service Engineer's Drawings & Specifications for full details			note		
<u>Woodwork, Boarding and second fixings</u>					
MDF skirting; 20mm thick; paint finish (measured separately); all as per Catalyst BO'D scope specification details.					
<u>Skirtings</u>					
A	girth not exceeding 150mm	105	m		
B	girth is exceeding 150mm not exceeding 300mm	51	m		
<u>FLOOR, WALL AND CEILING FINISHINGS: Finishings</u>					
<u>IN SITU FINISHES</u>					
Achieving required moisture content in new concrete floors prior to laying floor finish; in preparation for new floor finishes; compatible with respective floor finish; Moisture suppressing DPM to be poured on concrete floor in preparation for new floor finishes; all in accordance with the Manufacturers Instructions and Architects Specifications					
<u>Moisture suppressing DPM</u>					
C	under marmoleum	47	m2		
Levelling compound or equal approved; in preparation for new floor finishes; compatible with respective floor finish; to be poured on concrete floor in preparation for new floor finishes; primed with primer, poured in accordance with the Manufacturers Instructions and Architects Specifications					
<u>Concrete Floors</u>					
D	At contractors discretion; under marmoleum	1	Item		
Ref: 2793		PD 18/1		To Collection €:	

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(44) STAIRS, RAMPS : FINISHES (Continued)</u>					
<u>Floor, wall and ceiling finishes: Finishings</u>					
Supply and install approved 2mm thick heavy-duty industrial-grade R10 slip-resistant (marmoleum 01-single colour) flooring with 0.7mm wear layer, pure plasticised PVC wear layer with PUR pearl textured surface, quartz/carborundum particles for sustainable slip resistance, Class 34/43 - with 2mm thick sheet (2000mm width); Group T wear rating, complying with EN 16165 Annex B (R10) and HSE recommendations. Flooring to be low maintenance, durable, suitable for wet and high-traffic areas; with backing containing minimum 50% recycled content and manufactured under ISO 14001 environmental standards. Prepare substrate as required, including leveling compound; reno 2 coat epoxy primer and moisture barrier where necessary; Install using Eurocol 540 adhesive or equal and approved; complete with welded joints and all accessories; with 150mm self-coved skirting allow for cove former 38mm radius tapered to architraves(180mm H for the stairs). Colour to be approved by architect and fitted in accordance with manufacturer's recommendations and Architects drawings and specification					
<u>Landings</u>					
A	exceeding 300mm wide	26	m2		
<u>Treads</u>					
B	300mm width stair treads	70	m		
<u>Risers</u>					
C	170mm height stair risers	82	m		
Stair nosing;including all fixings and accessories;as per the engineer's specification; colours to be confirmed with architect					
<u>Sundries</u>					
Ref: 2793		PD 18/2		To Collection €:	

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
A	<u>(44) STAIRS, RAMPS : FINISHES (Continued)</u>	74	m		
	1250mm width				
	<u>ANY OTHER ITEMS</u>				
	Quantity Adjustments				
	<u>The Contractor to include here for any quantity adjustments necessary on any of the above items</u>				
	A			noid	
	B			noid	
	C			noid	
	Any works deemed necessary to complete the work as indicated on the Architect's / Engineers drawings but not specifically identified and scheduled above				
	<u>The Contractor shall describe and include here for any additional items in Qty Unit Rate format</u>				
	A		noid		
	B		noid		
	C		noid		
	Total				
Ref: 2793		PD 18/3		To Collection €:	

Description	Qty	Unit	Rate	Total
			€	€
<u>(44) STAIRS, RAMPS : FINISHES (Continued)</u> COLLECTION PD 18/1: PD 18/2: PD 18/3: (44) STAIRS, RAMPS : FINISHES Carried to Summary:				

Ref: 2793

PD 18/4

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(45) CEILING FINISHES</u>					
<u>GENERALLY</u>					
The contractor should note the following					
<u>Notes</u>					
Refer to Architect's / Civil & Structural / Building Service Engineer's Drawings & Specifications for full details					
<u>Floor, Wall and Ceiling Finishings: Board Finishes</u>					
Fire-rated plasterboard ceiling system; comprising 15mm fire-liner board to achieve a minimum 30-minute fire rating; standard I.S. EN 520(Type F); fire reaction class A2-s1, d0; testing under I.S. EN 1365-2 or BS 476; Board mechanically fixed to 1mm galvanised steel top hat sections of screwfixed to underside of multibeams; taped and sealed; board fixed to RC edge band beams using .07mm thick x 40x40mm galvanized steel angles at 600 c/c's; dress scrim 80mm down the face of the beam; seal all gaps formed between purlins and ceiling board with fire-resistant Rockwool insulation and intumescent acrylic fire sealant; including all necessary fixing, support systems, sealing, and accessories; all as per Architects Drawings and Specifications.					
<u>Ceilings</u>					
A	width exceeding 300mm	674	m2		
<u>extra over</u>					
B	packing rockwool between top of plasterboard and underside of the web of the Structural Steel beams, 20mm high x approximately 50mm to 100mm wide, sealing the outer 20mm with a deep bead of intumescent acrylic fire sealant system.	422	m		
Ref: 2793		PD 19/1		To Collection €:	

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(45) CEILING FINISHES (Continued)</u>					
Plasterboard ceiling system; comprising 15mm plasterboard fixed to underside of concrete slab; taped and jointed; complete with all necessary fixings and accessories; as per drawing no. P22-034-T-090-BA-Reflected Ceiling Plans-Rev-A					
<u>Ceilings</u>					
A	width exceeding 300mm	86	m2		
Angle strap; above the 15mm to the wall; details tic.					
<u>Sundries</u>					
B	edge trims	38	m		
<u>Floor, Wall and Ceiling Finishings: In-situ Finishes</u>					
Cementitious filler for all cavities, joints and surface defects in precast concrete stair soffits and edges; as per drawing no. P22-034 - T-017 - BA - Stairs No.1, P22-034 - T-018 - BA - Stairs No.2 and Catalyst BO'D Scope Spec-8 June 2026 P-034 (specification)					
<u>Ceilings</u>					
C	width exceeding 300mm; staircase areas	130	m2		
<u>Painting and Decorating: Painting</u>					
Matt emulsion white paint finish; finish to comprise four coats; as per Architects Drawings and specifications					
<u>Ceilings</u>					
D	girth exceeding 300mm; staircase areas	130	m2		
Paint finish for fire-rated plasterboard areas; as per Architects Drawings and specifications					
<u>Ceilings</u>					
E	girth exceeding 300mm; general areas	21	m2		
Paint finish for non fire-rated plasterboard areas; as per Architects Drawings and specifications					
Ref: 2793		PD 19/2		To Collection €:	

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(45) CEILING FINISHES (Continued)</u>					
<u>Ceilings</u>					
A	girth exceeding 300mm; general areas	133	m2		
<u>ANY OTHER ITEMS</u>					
Quantity Adjustments					
<u>The Contractor to include here for any quantity adjustments necessary on any of the above items</u>					
A	.....		noid		
B	.....		noid		
C	.....		noid		
Any works deemed necessary to complete the work as indicated on the Architect's / Engineers drawings but not specifically identified and scheduled above					
<u>The Contractor shall describe and include here for any additional items in Qty Unit Rate format</u>					
A	.....		noid		
B	.....		noid		
C	.....		noid		
Total					
Ref: 2793		PD 19/3		To Collection €:	

**Brennan
Associates**

[illegible]

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(47) ROOF FINISHES</u>					
<u>GENERALLY</u>					
The contractor should note the following					
<u>Notes</u>					
Refer to Architect's / Building Service Engineer's Drawings & Specifications for full details			note		
<u>ROOFING, CLADDING & WATERPROOFING: Rigid Sheet Coverings and Decking</u>					
118mm thick PIR insulated roof panel system to Class O BS 476 Part 6:2009 and compliant with the requirements of LPS 1181:2005: Part 1: Issue1.1 ceiling ling tests by the LPCB certified to LPS 1181 Grade EXT -B: mechanically fixed to elsewhere measured 175 x 65mm galvanized steel purlins at 1,500mm centers and mechanically fixed to elsewhere measured steel rafter beams fixed to concrete band beams; allow for full supply and fit to fully complete roof; allow for forming of parapets, internal gutters, gutters; allow for all associated linings and flashings; allow some elements of roof structure to be cut on site; including fishtail lugs tacked onto steel; to be installed in accordance with engineers detailed drawings and specification; Roof decking systems to achieve BROOF(t4) classification in accordance with EN 13501-5. Roof panelling to have a Thermal Conductivity (λ) of 0.019 W/m.K; including all fixing, fittings and accessories; to be installed in accordance with Engineers and Architects detailed drawings and specification					
<u>Roof Coverings, sloping</u>					
A	Sloping exceeding 5 degrees not exceeding 15 degrees; width exceeding 300mm	724	m2		
B	Extra over for; forming opes for rooflights; overall size 1,030mm x 1,050mm; flashings, counter flashings and rooflight measured elsewhere	6	nr		
Ref: 2793		PD 20/1		To Collection €:	

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(47) ROOF FINISHES (Continued)</u>					
A	Extra over for; forming opes for AOV; overall size 1,030mm x 1,050mm; flashings, counter flashings and rooflight measured elsewhere Coated / galvanised steel soaker liner; specialist supply and install 1.0 mm coated / galvanised steel sheet with single-ply PVC bonded lining to top surface; Soaker sheets to be mechanically fixed with 5mm self tapping low profile sheradised (or galvanised with rubber seals) to the upper corrugations in the trapezoidal deck (maximum than 800 centres in both directions); soaker to be dressed under the ridge flashing and sealed; Mechanical fixings through the soaker to be taped over with cicra 100mm X 100mm PVC patches at each screw fixing; complete with mechanical fixings, PVC patches; refer to Architects / Engineers drawings and specifications <u>Roof Coverings, sloping</u>	2	nr		
B	<u>Roof Coverings, sloping</u> width exceeding 300mm	27	m2		
Ref: 2793		PD 20/2		To Collection €:	

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(47) ROOF FINISHES (Continued)</u>					
60mm thick PIR insulated upstand; 2mm Sheet aluminium alloy 1050A to profile powder coated to colour match with wall panel system. Mounting system: 2mm stainless steel (grade 316) strap mounting system comprising 80mm X width at top plus 35mm edge fold downs for face fixings to top of panels externally at max 600X600mm centres; allow for full supply and fit to fully complete roof; to include site applied insulation between joint of roof and upstand; allow for forming of parapets allow for all associated linings and flashings; allow some elements of roof structure to be cut on site; including fishtail lugs tacked onto steel; to be installed in accordance with engineers detailed drawings and specification; systems to achieve BROOF(t4) classification in accordance with EN 13501-5.; including all fixing, fittings and accessories; to be compatible with selected roof covering system; to be installed in accordance with Engineers and Architects detailed drawings and specification <u>Upstands</u>					
A	Upstand; stepped; girth exceeding 150mm not exceeding 300mm	40	m		
Ref: 2793		PD 20/3		To Collection €:	

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(47) ROOF FINISHES (Continued)</u>					
60mm thick PIR insulated upstand; 2mm Sheet aluminium alloy 1050A to profile powder coated to colour match with wall panel system. Mounting system: 2mm stainless steel (grade 316) strap mounting system comprising 80mm X width at top plus 35mm edge fold downs for face fixings to top of panels externally at max 600X600mm centres; allow for full supply and fit to fully complete roof; allow for forming of parapets allow for all associated linings and flashings; allow some elements of roof structure to be cut on site; including fishtail lugs tacked onto steel; to be installed in accordance with engineers detailed drawings and specification; systems to achieve BROOF(t4) classification in accordance with EN 13501-5.; including all fixing, fittings and accessories; to be compatible with selected roof covering system; to be installed in accordance with Engineers and Architects detailed drawings and specification <u>Upstands</u>					
A	Upstand; stepped; girth exceeding 300mm not exceeding 450mm Insulated Soaker sheet Upstand: 40mm rigid rockwool insulation face fixed to monitor roof structure; provide for folding the soaker sheet up 200mm at the junction with the northern, eastern, and western elevations of the roof access monitor; the soaker sheet to be folded up 200mm outboard of the 40mm rigid rockwool board (for fire stopping and thermal break) soaker sheet and then mechanically fixed through the soaker and rockwool to the wall; northern, eastern, and western elevations of the roof access monitor; refer to Architects / Engineers drawings and specifications <u>Upstands</u>	80	m		
B	Soaker sheet Upstand; stepped; girth exceeding 150mm not exceeding 300mm	20	m		
Ref: 2793		PD 20/4		To Collection €:	

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(47) ROOF FINISHES (Continued)</u>					
Membrane Lined Insulated Gutter; Kingspan Insulated Panels, 60 mm Core Thickness); Size (nominal): 400 mm wide x 150mm deep min; Upper skin Steel to BS EN 10346; Inner Liner Steel to BS EN 10346; Polyester powder coated finish; 50mm thick Polyisocyanurate foam (PIR); Factory applied Reinforced Polyvinyl Chloride (PVC) membrane; including all underlays, vapour barriers, frames and connection fittings as necessary to complete installations etc.; all installations in accordance with the manufacturers instructions; as per Architects specification associated with the cladding					
<u>Gutter</u>					
A	girth exceeding 300mm not exceeding 450mm	4	m		
<u>Extra over for</u>					
B	gutter ends	2	nr		
Membrane Lined Insulated Gutter; Kingspan Insulated Panels, 60 mm Core Thickness); Size (nominal): 500 mm wide x 150mm deep min; Upper skin Steel to BS EN 10346; Inner Liner Steel to BS EN 10346; Polyester powder coated finish; 50mm thick Polyisocyanurate foam (PIR); Factory applied Reinforced Polyvinyl Chloride (PVC) membrane; including all underlays, vapour barriers, frames and connection fittings as necessary to complete installations etc.; all installations in accordance with the manufacturers instructions; as per Architects specification associated with the cladding					
<u>Gutter</u>					
C	girth exceeding 450mm not exceeding 600mm	80	m		
<u>Extra over for</u>					
D	Stop ends	6	nr		
E	90 degree corners	4	nr		
Ref: 2793				PD 20/5	
				To Collection €:	

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(47) ROOF FINISHES (Continued)</u>					
A	sealing and weathering gutter with roof parapet including 50mm vertical Polyisocyanurate foam (PIR) insulation as necessary; extend Reinforced Polyvinyl Chloride (PVC) membrane to inner face of parapet from top of gutter to underside of Parapet; girth 450 to 600mm	80	m		
B	Connection of gutter outlets to rainwater pipe as per Architects details and specifications Gutters; 3mm thick; Kingspan Highline Gutter or equivalent and approved; pre-finished aluminium folded gutter system; polyester powder coated to selected RAL colour; fixed to and including gutter support arms at 666mm ctrs and 20mm x 3mm butyl rubber located to underside of gutter support arm; stitching screws with min 14mm dia. non-ferrous EPDM backed washer fitted 6 number per arm; including all aluminium tie straps, brackets, leaf guards, clips, gun applied sealants; all associated angles and flashings	7	nr		
	<u>Gutters</u>				
C	200 x 175mm section size	4	m		
	<u>Extra over for</u>				
D	forming holes in gutter for downpipes	1	nr		
E	Stop ends	2	nr		
	<u>Lining to outlets</u>				
F	Dressing to working around rainwater 100mm diameter outlets; Membrane Disk fixed each side with Self-drilling self-tapping counter sunk raised head high thread fasten	7	nr		
Ref: 2793		PD 20/6		To Collection €:	

Description	Qty	Unit	Rate	Total
			€	€
<u>(47) ROOF FINISHES (Continued)</u> Rainwater outlets and gratings; forming recess and weather outlet with PVC membrane finish as necessary; proprietary Roofing Manufacturers Insulated Vertical Outlet; connection flange; Product size/ reference: 100 mm to fit 110 mm pipework; uPVC "O" ring socketed soil grade pipe; provide grate/ fittings supplied with a tough polyamide leaf guard; Insulation Extension: Roofing Manufacturer approved extension pieces to be used where required. Extension units to be mechanically fixed; to be compatible with roofing system including all accessories and sealing; with pre attached flange and dome gratings; including flashing and lining to outlet through the gutter; all in accordance with the manufacturer's instructions and Architects specifications; refer to Architects drawings for further details and requirements <u>Rainwater outlets and gratings</u> outlets; 100mm diameter Holes; forming holes in roof panel system for services passing through; air ducts / soil and vent pipes/ electrical services to AC, solar panels etc; to include flashing kits; making good on completion; Refer to Architects and Building Services Engineers Details and specifications <u>Service Openings</u> girth not exceeding 0.50m <u>ROOFING, CLADDING & WATERPROOFING: Flexible Sheet Metal Coverings</u>	7	nr		
	10	nr		

Ref: 2793

PD 20/7

To Collection €:

**Brennan
Associates**

Description	Qty	Unit	Rate	Total
			€	€
<u>(47) ROOF FINISHES (Continued)</u>				
Parapet to stairs 1 roof / wall interface; bends - 5; 3mm reinforced aluminium flashing, polyester powder coated to selected RAL colour; fixed with 150mm sealed butt straps, bedded on 20mm x 3mm butyl rubber sealant; provide continuous bead of gun grade sealant or compressible foam tape along flashing/ wall junction; fixing to roof covering with low profile stitching screws at every crown; including shroud over profiled ridge filler stitched to each panel with stitching screws; all screws to have min 14mm dia. non ferrous EPDM backed washer; including side joint filler bedded on gun grade sealant; including site applied LPCB certified PIR insulation board to top of blockwork wall; including internal ridge flashing with 150mm overlap sealed with film backed butyl tape or gun grade sealant; including all associated stiffening angles, insect mesh, sprocket piece, fixings, taping, bonding, sealing and the like to complete				
<u>Parapet Flashing</u>				
girth 150mm - 300mm; Horizontal	16	m		
girth less than 150mm; raking	16	m		
Verge Flashing; Mechanically fixed and sealed to roof and extended to underside of wall capping; to wall abutment including 60mm thick x 150mm high insulation - gable wall; Z flashing to provide support and seal to flashing; aluminium flashing to upstand includng 1 nr. bends				
<u>Verge Flashing</u>				
girth 450mm to 600mm; raking	44	m		

Ref: 2793

PD 20/8

To Collection €:

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(47) ROOF FINISHES (Continued)</u>					
Mono-ridge flashing; bends - 3; 3mm reinforced aluminium flashing, polyester powder coated to selected RAL colour; fixed with 150mm sealed butt straps, bedded on 20mm x 3mm butyl rubber sealant; provide continuous bead of gun grade sealant or compressible foam tape along flashing/ wall junction; fixing to roof covering with low profile stitching screws at every crown; including shroud over profiled ridge filler stitched to each panel with stitching screws; all screws to have min 14mm dia. non ferrous EPDM backed washer; including side joint filler bedded on gun grade sealant; including site applied LPCB certified PIR insulation board to top of blockwork wall; including internal ridge flashing with 150mm overlap sealed with film backed butyl tape or gun grade sealant; including all associated stiffening angles, insect mesh, sprocket piece, fixings, taping, bonding, sealing and the like to complete <u>Mono-ridge flashing</u>					
A	girth 300mm - 450mm; Horizontal	4	m		
B	girth 300mm - 450mm; raking	4	m		
Insulated parapet capping; inward sloping to top edge; Capping's; 2mm thick aluminium alloy 1050A; folded to match profile; powder coated to colour match with external wall panel system; all in accordance with the Architect's Details and Specifications; mounted using 2mm stainless steel (Grade 316) strap mounting system comprising of 80mm x 370mm at top plus 53mm edge fold downs for face fixing; 600mm x 600mm centres using stainless steel fixings; capping clipped into strap system; low profile stitching screws with minimum 14mm diameter non-ferrous EPDM washer at 450mm centers; sloping 75mm to 50mm PIR Insulation to parapet capping; including all fixing, fittings and accessories; refer to Architects drawings and specifications					
Ref: 2793		PD 20/9		To Collection €:	

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(47) ROOF FINISHES (Continued)</u>					
<u>Cappings</u>					
A	Horizontal; girth: exceeding 300mm not exceeding 450mm	89	m		
B	Raking; girth exceeding 150mm not exceeding 300mm	44	m		
Insulated panel roof ridge capping: girth 500mm; ridge flashing; bends - 1; 3mm aluminium flashing polyester powder coated to selected RAL colour; ridge flashing fixed at 400mm ctrs with 150mm sealed butt straps, bedded on 20 x3mm butyl rubber sealant; stitching screws with min 14mm dia. non-ferrous EPDM backed washer fitted at max 400mm ctrs; including side joint filler bedded on gun grade sealant; gun grade seal at panel joint inline with internal air seal; including site applied LPCB certified PIR insulation board to gap at ridge; including internal ridge flashing with 150mm overlap sealed with film backed butyl tape or gun grade sealant; including all associated stiffening angles, insect mesh, sprocket piece, fixings, taping, bonding, sealing and the like to complete; all as per manufacturer's instructions "					
<u>Ridge Capping</u>					
C	ridge capping; girth exceeding 450mm not exceeding 600mm	38	m		
Allow item for movement joint; 2mm Aluminum movement joint profiled sleeves in top capping sheets; at centers not exceeding 4m including all fixing, fittings and accessories; refer drawing no: P22034 - BA - T- 014; specification: Catalyst BO'D Scope Spec					
<u>Design Joint</u>					
D	movement joint	1	item		
Sundries					
E	Allow item for service penetration	1	item		
F	Allow item for Testing & Commissioning for new roof	1	item		
Lining to outlets					
Ref: 2793		PD 20/10		To Collection €:	

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(47) ROOF FINISHES (Continued)</u>					
A	Dressing to working around rainwater 100mm diameter outlets; Membrane Disk fixed each side with Self-drilling self-tapping counter sunk raised head high thread fasten.	8	nr		
<u>ANY OTHER ITEMS</u>					
Quantity Adjustments					
<u>The Contractor to include here for any quantity adjustments necessary on any of the above items</u>			item		
A	.....		noid		
B	.....		noid		
C	.....		noid		
Any works deemed necessary to complete the work as indicated on the Architect's / Engineers drawings but not specifically identified and scheduled above					
<u>The Contractor shall describe and include here for any additional items in Qty Unit Rate format</u>					
A	.....		noid		
B	.....		noid		
C	.....		noid		
Total					
Ref: 2793		PD 20/11		To Collection €:	

[illegible]

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(52) DRAINAGE</u>					
<u>GENERALLY</u>					
The contractor should note the following					
<u>Notes</u>					
1. Refer to Architect's & Structural Engineer's Drawings & Specifications for full details					
<u>DRAINAGE: Above Ground</u>					
Rainwater downpipes; to comprise 3mm powder coated Aluminum; cross sectional area 250x120mm; complete with saddle strap mechanical connections of the same 2mm material; strap width 50mm; complete with brackets, offsets, shoes, and all necessary fittings and fixings, installed to external walls in accordance with Architects drawings and Specification					
<u>Pipes</u>					
A	rectangular; 250 x 120mm; vertical; 7.62m height	56	m		
<u>Extra over pipes on which they occur for</u>					
B	diameter to be confirm; Swan neck bends	16	nr		
C	Aluminium Shoe	8	nr		
<u>Pipework ancillaries</u>					
<u>Aluminium Hopper; Bespoke pressed metal conductor head to selected RAL colour; to fit 110mm diameter pipe; including all fixings; all in accordance with the Architects drawings and Specifications</u>					
D	To suit roof outlet; Complete	8	nr		
<u>ANY OTHER ITEMS</u>					
<u>Quantity Adjustments</u>					
<u>The Contractor to include here for any quantity adjustments necessary on any of the above items</u>					
A			noid		
Ref: 2793		PD 21/1		To Collection €:	

Description	Qty	Unit	Rate	Total
			€	€
<u>(52) DRAINAGE (Continued)</u>				
B		noid		
C		noid		
Any works deemed necessary to complete the work as indicated on the Architect's / Engineers drawings but not specifically identified and scheduled above				
<u>The Contractor shall describe and include here for any additional items in Qty Unit Rate format</u>				
A		noid		
B		noid		
C		noid		
Total				

Ref: 2793

PD 21/2

To Collection €:

Description	Qty	Unit	Rate	Total
			€	€
<u>(52) DRAINAGE (Continued)</u> COLLECTION PD 21/1: PD 21/2: (52) DRAINAGE Carried to Summary:				

Ref: 2793

PD 21/3

Pricing Document

Description	Qty	Unit	Rate	Total
			€	€
<u>(59) BUILDING SERVICES (MAINLY PIPED AND DUCTED)</u> <u>GENERALLY</u> The Contractor should note the following <u>Notes</u> 1. Refer to Architect's / Civil & Structural / Building Service Engineer's Drawings & Specifications for full details. 2. Notwithstanding that this Pricing Document is measured in accordance with the Agreed Rules of Measurement 5, the following element is not measured in accordance with ARM5. Tenderers shall refer to agreed Rules of Measurement 4 supplement 2 for guidance on the below measurements; The Mechanical design packages are to be priced in accordance with the Contract Specifications and drawings as prepared by the Building Services Engineer (RMCE). All relevant services co-ordination should be included. <u>MECHANICAL INSTALLATIONS: Generally</u> Mechanical Services Installations; all as detailed & described in the Building Services Engineer's Drawings & Specifications; total brought forward from the Mechanical Services Installations Tender Breakdown as included within the Building Services Engineer's Tender Documents and appended to this schedule of Rates (Appendix A); complete <u>Mechanical Installations</u> total for Mechanical Installations; Brought Forward from Appendix A <u>BUILDERS WORK</u> <u>MECHANICAL INSTALLATIONS: Sundries and Builders Work</u> <u>Notes</u>		note note		
Ref: 2793 PD 22/1 To Collection €:				

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(59) BUILDING SERVICES (MAINLY PIPED AND DUCTED) (Continued)</u>					
Filling and sealing voids around pipework, ductwork etc. shall achieve a decibel rating equivalent to the structure in which the ope is formed. The filling and sealing shall finish neatly flush with the structure and finishes on both face.					
Fire seal opes shall include for all works included in Architect's Specification; intumescent compound for sealing around service members on both faces to provide a 1 hour period of fire resistance. The Fire seal is to finish neatly flush with the structure and finishes on both faces. This specification applies to all sections of the Bill of Quantities.					
Rates are to allow for making good in all trades complete.					
Holes, mortices, chases and the like; Forming or cutting holes; making good structure and finishes, sealing around ope including fire-stopping, flashings, temporary protection works, weathering, disposal of segregated material off site, etc. as required; complete					
<u>Forming Opes; blockwork structure complete including flashings airtight seals; firestopping etc</u>					
A	For Pipe not exceeding 55mm girth (50mm); circular	60	nr		
B	For duct - 350mm x 250mm WH	80	nr		
	For Pipe exceeding 110mm girth (150mm); circular		nr		
<u>Foring opes in Architectural finishes - Tile and Grid ceiling</u>					
C	openings in tiles for ventilation grilles 450mm x 450mm	60	nr		
D	openings in tiles for ventilation grilles 120mm diameter	20	nr		
	<u>120mm diameter</u>				
E	110mm diameter	4	nr		
F	250mm diameter	2	nr		
<u>Plinths</u>					
G	Form Concrete plinth for Plant room Equipment; including concrete formwork all surface finishes; complete 2,650mm x 1,150mm x 100mm	1	nr		
Ref: 2793		PD 22/2		To Collection €:	

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(59) BUILDING SERVICES (MAINLY PIPED AND DUCTED) (Continued)</u>					
<u>Fireproofing</u>					
<u>Fireproofing; intumescent pipe wrap, Fire batt and mastic to cable containment; to same standard and integrity as fire rating of respective fire compartment / structure; all as detailed on Architects drawing;</u>					
A	For Pipe not exceeding 55mm girth (50mm); circular	60	nr		
B	For Pipe exceeding 110mm girth (150mm); circular	10	nr		
C	For Pipe exceeding 110mm girth (150mm); circular	30	nr		
D	openings in tiles for ventilation grilles 450mm x 450mm	60	nr		
E	openings in tiles for ventilation grilles 120mm diameter	20	nr		
<u>Attendances</u>					
<u>Special Attendances to Mechanical Contractor</u>					
F	Use of crain for installation of mechanical equipment at high level externally. Use of Scaffolding; these shall be provided by the Main Contractor.	1	item		
<u>Lifting and Hoisting</u>					
G	VRF Condensing units, (350kg each 1,240mm x 740mm x 1,858mm LWH each)	2	nr		
H	Condensing units (50kg) 600x400x300 LWH	1	nr		
J	Pipes 16mm - 32mm	260	m		
K	CWST - 5,000L 2650mm x 1,150mm x 2,000mm - Water tank panels (25kg) 1,150mm x 1,150	14	nr		
<u>ANY OTHER ITEMS</u>					
<u>Quantity Adjustments</u>					
<u>The Contractor to include here for any quantity adjustments necessary on any of the above items</u>					
A					
B					



Pricing Document

Description	Qty	Unit	Rate	Total
			€	€
<u>(59) BUILDING SERVICES (MAINLY PIPED AND DUCTED) (Continued)</u>				
C				
Any works deemed necessary to complete the work as indicated on the Architect's / Engineers drawings but not specifically identified and scheduled above				
<u>The Contractor shall describe and include here for any additional items in Qty Unit Rate format</u>				
A				
B				
C				

Description	Qty	Unit	Rate	Total
			€	€
<u>(59) BUILDING SERVICES (MAINLY PIPED AND DUCTED) (Continued)</u> COLLECTION PD 22/1: PD 22/2: PD 22/3: PD 22/4: (59) BUILDING SERVICES (MAINLY PIPED AND DUCTED) Carried to Summary:				
Ref: 2793 PD 22/5				

Pricing Document

Description	Qty	Unit	Rate	Total
			€	€
<u>(66) TRANSPORT SERVICES</u> <u>GENERALLY</u> The Contractor should note the following <u>Notes</u> Refer to Architect's / Civil & Structural / Building Service Engineer's Drawings & Specifications for full details. The Contractor is deemed to have visited the site and familiarise themselves with all existing site conditions / features to ascertain the nature and extent of the work required for pricing purposes The Contractor shall include for Preliminaries associated with the Project under the relevant Preliminaries Section included within Volume C. Unless provided for elsewhere, Sub-contractors & Suppliers Preliminaries / On-Costs are deemed to be included within the rates for the relevant item of work. Where an "Any Other Items" section is included within an element, Contractors may include for such costs under this item if they consider it is more appropriate. A full breakdown of any costs included under "Any Other Items" will be required in Quantity-Unit-Rate format Notwithstanding that this Pricing Document is measured in accordance with the Agreed Rules of Measurement 5, the following element is not measured in accordance with ARM5. Tenderers shall refer to agreed Rules of Measurement 4 supplement 2 for guidance on the below measurements; The Mechanical design packages are to be priced in accordance with the Contract Specifications and drawings as prepared by the Building Services Engineer (RMCE). All relevant services co-ordination should be included. <u>ELECTRICAL INSTALLATIONS</u>		Note Note Note Note head1		
Ref: 2793			PD 23/1	
			To Collection €:	

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(66) TRANSPORT SERVICES (Continued)</u>					
Lift Installations; all as detailed & described in the Building Services Engineer's Drawings & Specifications; total brought forward from the Lift Services Installations Tender Breakdown as included within the Building Services Engineer's Tender Documents and appended to this schedule of Rates (Appendix C); complete					
<u>Mechanical Installations</u>					
A	total for Lift Installations; Brought Forward from Appendix C	1	item		
<u>SUNDRIES & BUILDERS WORK</u>					
General					
B	Testing and commissioning	1	item		
C	Operating and maintenance manuals	1	item		
D	Drawings including working drawings, co-ordinated drawings, as built drawings	1	item		
E	Marking the positions of holes, mortices and chases	1	item		
F	Identification plates and labels	1	item		
Lifting and Hoisting					
<u>Lifting, hoisting and moving into position</u>					
G	Structural supports and Accessories	1	item		
H	Lift	1	item		
<u>Fireproofing</u>					
<u>Fireproofing services; same standard and integrity as fire rating of structure</u>					
J	generally	1	item		
Supporting Structures					
<u>Grounds & Supports</u>					
K	Call System	1	item		
L	Name plates	1	item		

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(66) TRANSPORT SERVICES (Continued)</u>					
Attendances					
<u>Special Attendances to Lift Contractor</u>					
A	use of scaffolding full height of the shaft, taking into account all instructions given by the lift supervisor. Scaffold platforms to be fully boarded and located 910mm above and below each floor level. On the top floor an additional platform is require at 700mm above FFL, additional platforms to be fitted if required by the lift supervisor on site. Scaffold bracing must be independent of the platforms and positioned to allow installation of all equipment. Lower section of scaffolding to be removable for replacing with staging for assembly of lift car.	1	item		
B	Provide and fix guarding and close fencing to the lift shaft openings. Builder also to provide protection for equipment during erection	1	item		
C	Temporary 110V electricity and lighting	1	item		
D	Fix guarding and close fencing to the lift shaft openings. Builder also to provide protection for equipment during erection.	1	item		
<u>STEELWORK: Structural</u>					
Installation of a lifting beam to facilitate the lift. Builder to provide and fix lifting beam under shaft ceiling to support a maximum live load of 1000kg. Lifting beam to be proof tested in line with BS 2853 before the start of lift installation. Safe working load to be clearly marked on the beam. 30mm clearance is required between the lifting beam and the ceiling.					
<u>Lift beam</u>					
E	Lifting beam	1.00	nr		
<u>LIFT BEAM TESTING</u>					
Ref: 2793				PD 23/3	
				To Collection €:	

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(66) TRANSPORT SERVICES (Continued)</u>					
Provide testing to 1nr passenger lift; lifts must have a lifting beam installed rated a safe load (SWL) as identified by the Engineer; Main Contractor shall employ an independent and certified test company to test, stamp and certify the lift beam once installed					
<u>Lift beam testing</u>					
A	generally	1	item		
<u>PAINTING AND DECORATING: Painting</u>					
Prepare surfaces; PVA Dust sealer paint system; application method in strict accordance with the manufacturer's recommendation; colour to later selection					
<u>Blockwork</u>					
B	exceeding 300mm wide	82	m2		
<u>To concrete surfaces</u>					
C	exceeding 300mm wide	20	m2		
<u>ANY OTHER ITEMS</u>					
Quantity Adjustments					
<u>The Contractor to include here for any quantity adjustments necessary on any of the above items</u>					
A					
B					
C					
Any works deemed necessary to complete the work as indicated on the Architect's / Engineers drawings but not specifically identified and scheduled above					
<u>The Contractor shall describe and include here for any additional items in Qty Unit Rate format</u>					
A					
Ref: 2793		PD 23/4		To Collection €:	

**Brennan
Associates**

Ref: 2793	PD 23/5	To Collection €:	
-----------	---------	------------------	--

[illegible]

Pricing Document

Description	Qty	Unit	Rate	Total
<u>(69) BUILDING SERVICES (MAINLY ELECTRICAL)</u> <u>GENERALLY</u> The Contractor should note the following <u>Notes</u> 1. Refer to Architect's / Civil & Structural / Building Service Engineer's Drawings & Specifications for full details. 2. Notwithstanding that this Pricing Document is measured in accordance with the Agreed Rules of Measurement 5, the following element is not measured in accordance with ARM5. Tenderers shall refer to agreed Rules of Measurement 4 supplement 2 for guidance on the below measurements; The Electrical design packages are to be priced in accordance with the Contract Specifications and drawings as prepared by the Building Services Engineer (RMCE). All relevant services co-ordination should be included. <u>ELECTRICAL INSTALLATIONS: Generally</u> Electrical Services Installations; all as detailed & described in the Building Services Engineer's Drawings & Specifications; total brought forward from the Electrical Services Installations Tender Breakdown as included within the Building Services Engineer's Tender Documents and appended to this Pricing Document (Appendix B); complete <u>Electrical Installations</u> A total for Electrical Installations; Brought Forward from Appendix B <u>BUILDERS WORK</u> <u>ELECTRICAL INSTALLATIONS: Sundries and Builders Work</u> <u>Notes</u>	1		€	€

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(69) BUILDING SERVICES (MAINLY ELECTRICAL)</u> <u>(Continued)</u>					
Filling and sealing voids around pipework, ductwork etc. shall achieve a decibel rating equivalent to the structure in which the ope is formed. The filling and sealing shall finish neatly flush with the structure and finishes on both face.			Note		
Fire seal opes shall include for all works included in Architect's Specification; intumescent compound for sealing around service members on both faces to provide a 1 hour period of fire resistance. The fire seal is to finish neatly flush with the structure and finishes on both faces. This specification applies to all sections of the Bill of Quantities.			Note		
Rates are to allow for making good in all trades complete.			Note		
Holes, mortices, chases and the like; Forming or cutting holes; making good structure and finishes, sealing around ope including fire-stopping, flashings, temporary protection works, weathering, disposal of segregated material off site, etc. as required; complete			head3		
<u>Forming Opes; blockwork structure complete including flashings airtight seals; firestopping etc</u>			head4		
A	25mm diameter	100	nr		
B	100mm Diameter	20	nr		
C	150mm Diameter	10	nr		
D	150mm x 150mm	20	nr		
E	150mm x 75mm	20	nr		
<u>Forming Opes; Precast floor complete including flashings airtight seals; firestopping etc</u>					
F	100mm Diameter	6	nr		
<u>Forming Opes; metal and insulation roof complete including flashings airtight seals; firestopping etc</u>					
G	100mm diameter	6	nr		
Ref: 2793		PD 24/2		To Collection €:	

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(69) BUILDING SERVICES (MAINLY ELECTRICAL)</u>					
<u>(Continued)</u>					
<u>Forming Ope; Architectural finishes internal plasterboard wall 12.5mm; complete including forming ope; fire sealing; Making good as per Engineers drawings</u>					
A	Lights	120	nr		
<u>Chases; Blockwork Walls; marking and cutting</u>					
B	25mm x 25mm chase	200	m		
Fireproofing					
<u>Fireproofing; intumescent pillow and Fire batt and mastic to cable containment; to same standard and integrity as fire rating of respective fire compartment / structure; all as detailed on Architects drawing;</u>					
C	25mm diameter	100	nr		
D	100mm Diameter	20	nr		
E	150mm Diameter	10	nr		
F	150mm x 150mm	20	nr		
G	150mm x 75mm	20	nr		
<u>Supporting Structures</u>					
<u>Grounds & Supports</u>					
H	Main Distribution Board	1	nr		
J	Fire alarm	1	nr		
K	Intruder alarm	1	nr		
L	Lights 200mm x 200mm m	100	nr		
Attendances					
<u>Special Attendances to Mechanical Contractor</u>					
M	Offloading and moving heavy electrical equipment	1	item		
N	safe, permanent, or temporary stairs/ladders to roof	1			
<u>distribution boards and solar panels</u>					

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(69) BUILDING SERVICES (MAINLY ELECTRICAL)</u> <u>(Continued)</u>					
<u>Fireproofing services; same standard and integrity as fire rating of structure</u>					
A	generally	1	item		
<u>Supporting Structures</u>					
<u>Grounds & Supports</u>					
B	Electrical Distribution board 200kg	1	nr		
C	Lights	120	mr		
D	Fire Panel	1	nr		
E	Alar panel	1	nr		
F	Radiators	15	nr		
G	PV panels (25KG each 2,00mm x 1,000mm)	132	nr		
<u>Painting</u>					
<u>One coat primer; two coats undercoat; one coat enamel high gloss paint</u>					
H	not exceeding 300mm girth; surface mounted conduit including wire brushing priming and paint	20	m		
<u>ANY OTHER ITEMS</u>					
<u>Appendix to Bill of Quantities</u>					
The contractor should include for the total cost including all on-costs required within the Electrical Consultants Pricing Document			note		
<u>ANY OTHER ITEMS</u>					
Quantity Adjustments					
<u>The Contractor to include here for any quantity adjustments necessary on any of the above items</u>					
A					
B					
C					
Ref: 2793				PD 24/4	
				To Collection €:	

Pricing Document

Description	Qty	Unit	Rate	Total
			€	€
<u>(69) BUILDING SERVICES (MAINLY ELECTRICAL)</u> <u>(Continued)</u> Any works deemed necessary to complete the work as indicated on the Architect's / Engineers drawings but not specifically identified and scheduled above <u>The Contractor shall describe and include here for any additional items in Qty Unit Rate format</u> A B C				

Description	Qty	Unit	Rate	Total
(69) BUILDING SERVICES (MAINLY ELECTRICAL) (Continued) COLLECTION PD 24/1: PD 24/2: PD 24/3: PD 24/4: PD 24/5: (69) BUILDING SERVICES (MAINLY ELECTRICAL) Carried to Summary:			€	€

Ref: 2793

PD 24/6

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(71) DISPLAY, CIRCULATION FITTINGS</u>					
<u>GENERALLY</u>					
The Contractor should note the following					
<u>Notes</u>					
Refer to Architect's & Structural Engineer's Drawings & Specifications for full details					
<u>FITTINGS: Fittings, Equipment and Furniture</u>					
SIGNAGE					
Internal Signage; Wall Mounted Curved Aluminium Name Plate Signage System; curved polycarbonate inserts and ABS side caps; including all fixings, fittings and accessories.					
<u>Fixed to blockwork / studwork surfaces</u>					
A	Internal Room signage - Sign A4 30.2cm (W) x 2.2cm (D) x 21.4cm (H)	86	nr		
Internal Signage; Wall mounted Aluminium Projecting Sign 250mm X 100mm double sided; including all fixings, fittings and accessories.					
<u>Fixed to blockwork / studwork surfaces</u>					
B	Wall mounted sign 205mm x 100mm	76	nr		
Internal Signage; Aluminium Main Director sign (brushed stainless steel finish); 130mm top section with Logo and Name'; 65mm x 600mm name plate section;;English text to be black; Text to be Helvetica or Arial Smaller text 15mm high; Larger text size 30mm high; Concealed fixings; all reference Architects Drawing					
<u>Fixed to blockwork / studwork surfaces</u>					
C	Main Directory	2	nr		
<u>External</u>					
Ref: 2793		PD 25/1		To Collection €:	

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(71) DISPLAY, CIRCULATION FITTINGS (Continued)</u>					
Signage; 600mm high CNC-routed PVC raised lettering of "Fusion House", formed from 25mm thick PVC composite board with a pencil-edge finish; Shop-Sprayed Matte Paint Finish to PVC Raised Lettering; Shop-sprayed matte paint finish shall be applied to All surface preparation, priming, coating, touch-up works, and ancillary materials shall be included in accordance with the Architect's requirements and manufacturer's recommendations.					
<u>Signage Fixed to Existing Metal Cladding Surface</u>					
A	East elevation - Fusion House - (fixed approximately 4m - 6m high); (Upper Case)	2	nr		
B	East elevation - Fusion House - (fixed approximately 4m - 6m high); (Lower Case)	9	nr		
<u>ANY OTHER ITEMS</u>					
Quantity Adjustments					
<u>The Contractor to include here for any quantity adjustments necessary on any of the above items</u>					
A	.....		noid		
B	.....		noid		
C	.....		noid		
Any works deemed necessary to complete the work as indicated on the Architect's / Engineers drawings but not specifically identified and scheduled above					
<u>The Contractor shall describe and include here for any additional items in Qty Unit Rate format</u>					
A	.....		noid		
B	.....		noid		
C	.....		noid		
Total					

[illegible]

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(73) CULINARY FITTINGS</u>					
<u>GENERALLY</u>					
The Contractor should note the following					
<u>Notes</u>					
Refer to Architect's & Structural Engineer's Drawings & Specifications for full details			note		
<u>FITTINGS, EQUIPMENT AND FURNITURE</u>					
Kitchen base unit; with 18mm moisture resistant MDF cabinetry, doors and end panels; Shaker style or flat-slab style doors, prefinished; heavy duty soft close hinges throughout all units; heavy-duty, soft-close drawer runners; fixings and accessories					
<u>Fixed to blockwork / studwork surfaces</u>					
A	3,590mm total length (on plan) floor unit 600mm wide; counter top in 40mm Ash Woodblock Narrow Stave Lumber work-tops including plinths, cornices, and light pelmets throughout all units to fully complete install and cut out for sink (Room RG25)	1	nr		
B	3,590mm total length (on Plan) wall unit 300mm wide; ncluding plinths, cornices, and light pelmets throughout all units to fully complete; (Room RG25)	1	nr		
C	^^extra over for 550 x 600 x 2100mm high cupboard at one end; (Room RG25)	1	nr		
D	3,750mm total length (on plan) floor unit 600mm wide; counter top in 40mm Ash Woodblock Narrow Stave Lumber work-tops including plinths, cornices, and light pelmets throughout all units to fully complete install and cut out for sink (Room RF27)	1	nr		
E	3,750mm total length (on Plan) wall unit 300mm wide; ncluding plinths, cornices, and light pelmets throughout all units to fully complete; (Room RF27)	1	nr		
Ref: 2793		PD 26/1		To Collection €:	

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(73) CULINARY FITTINGS (Continued)</u>					
Kitchen sink; brushed standard stainless steel sink and drainer unit, fist operated taps and blender spout, outlet sieve and PVC bottle trap and connections for hot, cold and waste; 860 x 500mm single bowl sink, Pyramis amaltia or equivalent; solid brass U spout with polished chrome finish, Lever type 'swivel neck' quarter turn mixer tap; including all fittings, fixings and accessories					
<u>Fittings</u>					
A	kitchen sink and tap	2	nr		
Kitchen island unit; with 36mm veneered MDF in selected wood with matching hardwood edging to outer cabinet and 18mm veneered MDF in selected wood with matching hardwood edging to inside of cabinet; 36 x 15mm hardwood ribs fixed to selected 19mm veneered MDF; Shaker style or flat-slab style doors, prefinished; heavy duty soft close hinges throughout all units; removable back panel on pull out KeKu clips for service void; including all plumbing and electrical requirements, fittings, fixings and accessories; refer drawing P22-034 - T-082 - BA - Coffee Dock - Island Unit Details					
<u>Fittings</u>					
B	1300 x 800 x 900mm high; ounter top in 40mm Ash Woodblock Narrow Stave Lumber work-tops including Ø210mm Cut Out in Countertop for MVI Stainless Steel Worktop Bin Surround; Access to Bin via Door	1	nr		
Supply and fit under counter fridge freezer; including all fittings, fixings and accessories					
<u>Equipment</u>					
C	fridge freezer	3	nr		
Fit under counter dishwasher; allow for all plumbing requirement; including all fittings, fixings and accessories					
<u>Equipment</u>					



Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(73) CULINARY FITTINGS (Continued)</u>					
A	dishwasher	2	nr		
<u>ANY OTHER ITEMS</u>					
Quantity Adjustments					
<u>The Contractor to include here for any quantity adjustments necessary on any of the above items</u>					
A	.....		noid		
B	.....		noid		
C	.....		noid		
Any works deemed necessary to complete the work as indicated on the Architect's / Engineers drawings but not specifically identified and scheduled above					
<u>The Contractor shall describe and include here for any additional items in Qty Unit Rate format</u>					
A	.....		noid		
B	.....		noid		
C	.....		noid		
Total					

Description	Qty	Unit	Rate	Total
(73) CULINARY FITTINGS (Continued) COLLECTION PD 26/1: PD 26/2: PD 26/3: (73) CULINARY FITTINGS Carried to Summary:			€	€

Ref: 2793

PD 26/4

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(74) SANITARY, HYGIENE FITTINGS</u>					
<u>GENERALLY</u>					
The Contractor should note the following					
<u>Notes</u>					
Refer to Architect's & Structural Engineer's Drawings & Specifications for full details			note		
<u>FITTINGS: Fittings, Equipment and Furniture</u>					
Sanitaryware; Supply, assemble and fit in position the following Sanitary Fittings and accessories; including connecting to service infrastructures, sealing joints, anti-fungicidal mastic between fitting and other surfaces; complete including grounds, paneling, etc.; all in accordance with the Architects & Engineers Drawings & Specification's					
<u>Sanitaryware; including anti-scald valves where required</u>					
A	WC; 19.6kg WC pan and 3.0kg cistern; cistern colour: white (01); seat colour: white (01)/ blue (36)/ Grey (LJ)/ charcoal (RN); Vitreous china to BS 3402; WC pan to BS EN 997 and BS EN 33; S3056 Contour 21 back to wall rimless standard height WC pan with horizontal outlet; S3643 Conceala 2 cistern 4.5/3 liter dual flush valve side supply and internal overflow, alternative height plastic flushbends; S4066 Contour 21 seat no cover, top fixing hinges and retaining buffers; S4504 Contemporary flush plate dual flush, Armitage Shanks logo, stainless steel for Conceala 2 cisterns	8	nr		
B	S0683 Doc M Contour 21+ close coupled left/right hand corner pack including WC pan, water saving delay fill cistern with spatula lever, basin, grab rails, hinged support rail with toilet roll holder, seat no cover with retaining buffers, copper tails on TMV3; Vitreous china to BS 3402 BS8300 compliant; handrail colour to be selected by architect prior to order	2	nr		
C	mirror (safety glass); with light oak trim to full perimeter and waterproof ply backing; securely fixed to wall with concealed fixings; 400 x 555mm sized	2	nr		
Ref: 2793		PD 27/1		To Collection €:	

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(74) SANITARY, HYGIENE FITTINGS (Continued)</u>					
A	mirror (safety glass); with light oak trim to full perimeter and waterproof ply backing; securely fixed to wall with concealed fixings; 450 x 900mm sized	10	nr		
B	long mirror (safety glass); with light oak trim to full perimeter and waterproof ply backing; securely fixed to wall with concealed fixings; 600 x 1200mm sized	2	nr		
C	colostomy shelf; as per TGDM requirements; panel: 17mm thick, V313 moisture resistant, 680kg/m ³ grade chipboard; 19mm over all panel thickness with HPL facing; 1mm PVC lipping to horizontal edges; 150mm deep and 400mm wide (alternative in brushed SS also acceptable)	6	nr		
D	S6556 Janitorial unit; stainless steel; 50cm wide x 57cm projection x 90cm high; complete with wastes, mixer tap with restricted swivel, tamper proof concealing panel for washbasin trap, hinged bucket grating to sink, stainless steel legs with adjustable feet and earthing tag; S8920 (TRR1/P) Trap 1¼" plastic resealing bottle, 75mm seal, multi-purpose outlet; S8925 (TRR2/P) Trap 1½" plastic resealing bottle with 75mm seal, multi-purpose outlet; stainless steel 1.4301 (304) x 1.2mm thick; 50x57cm 16.9kg.	2	nr		
E	vanity unit; work top including cut outs for semi recessed inset surface mounted basins units; vanity unit to be compact grade laminate, colour to be selected from standard range; end panels where relevant in same material also to be provided; 100mm upstand at back; 1900 x 300 x 622mm sized	2	nr		
F	vanity unit; work top including cut outs for semi recessed inset surface mounted basins units; vanity unit to be compact grade laminate, colour to be selected from standard range; end panels where relevant in same material also to be provided; 100mm upstand at back; 2400 x 300 x 620mm sized	2	nr		
Ref: 2793		PD 27/2		To Collection €:	

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(74) SANITARY, HYGIENE FITTINGS (Continued)</u>					
A	water tap; A4798 Sensor flow 21 washbasin mounted spout; weight 3.0kg; chromium plated (AA) finish, A5900AA TMV 3 valve suited to pipe size; thermostatic mixing valves; TMV3 approved	10	nr		
B	wash basin; to BS EN 14688 & BS EN 31; S2494 Profile 21 semi-countertop washbasin; 50cm 1 taphole with overflow no chain stay hole; S8910 Trap 1¼" plastic bottle, 75mm seal; S8722 Waste 1 1/4in brass strainer waste, 80mm slotted tail; chromium plated (AA); weight S8722, 0.188KG	10	nr		
C	grab rail; S6454 Contour 21 grab rail straight 60cm long x 35mm diameter; colour: White (AC)/ Blue (36)/ Grey (LJ)/ Stainless Steel Finish (MY)/ Charcoal (RN)	32	nr		
D	coat hooks; TGDM compliant stainless steel coat hooks with cylindrical buffer and brushed stainless steel finish	12	nr		
E	electric shower unit with detachable shower head; Omnicare SR Pumped Electric Shower or equivalent; adjustable range: 1050 - 1850mm above floor level	2	nr		
F	floor drain; Kent KHV225/50 or equivalent; SS gully; 100mm diameter	2	nr		
G	urinal; S6105 Sanura 40cm wall urinal including S8811 Waste 1¼" plastic strainer, 50mm unslotted tail, S8910 Trap 1¼" plastic bottle, 75mm seal, multi-purpose outlet, S9275 Urinal concealed hangers, S6286 Spreader and back inlet for vitreous china bowl urinal; S6215 Conceala auto cistern 4.5 liter with cover and auto syphon and petcock; A7059 Sensorflow 21 urinal flush, low pressure valve, panel mounted, link ensures full coverage without exceeding 1.5 liters per activation	2	nr		
H	ditto but ambulant urinal	2	nr		
J	urinal divider; S6120 Urinal division; Vitreous China; with hanger and screw; 820mm long	2	nr		
K	shower curtain; 2400mm high	2	nr		
Ref: 2793		PD 27/3		To Collection €:	

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(74) SANITARY, HYGIENE FITTINGS (Continued)</u>					
A	toiletries shelf	2	nr		
Installation of Toilet Roll Dispenser; free issue supply by the Client					
Paper Towel Dispensers					
B	towel rail; 630mm long	2	nr		
C	800mm long drop down rail	4	nr		
D	hand dryers	10	nr		
E	IPS panel; material must be waterproof and easy to clean; including service access panels for cistern; 2800mm high	8	m		
<u>ANY OTHER ITEMS</u>					
Quantity Adjustments					
<u>The Contractor to include here for any quantity adjustments necessary on any of the above items</u>					
A	.....		noid		
B	.....		noid		
C	.....		noid		
Any works deemed necessary to complete the work as indicated on the Architect's / Engineers drawings but not specifically identified and scheduled above					
<u>The Contractor shall describe and include here for any additional items in Qty Unit Rate format</u>					
A	.....		noid		
B	.....		noid		
C	.....		noid		
Total					
Ref: 2793		PD 27/4		To Collection €:	

[illegible]

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(79) GENERAL FITTINGS</u>					
<u>GENERALLY</u>					
The Contractor should note the following					
<u>Notes</u>					
1. Refer to Architect's / Civil & Structural / Building Service Engineer's Drawings & Specifications for full details			note		
<u>FITTINGS, EQUIPMENT AND FURNITURE</u>					
Reception joinery; comprising fixed glass reception window, a standing height counter, wheelchair height counter and storage drawers; reception window with 6mm laminated glass with chrome fixings, Aluminum extruded sliders with ballrace glide action and internal locking; 1100 x 670mm standing height counter at 1100mm high, 1100 x 900mm wheelchair height counter at 760mm height, with 40mm ash woodblock lumber, narrow stave shelves and vertical members; desktop in 30mm ash woodblock lumber, narrow stave, 780mm height to worktop off floor; bulkhead with timber surround finish to glazed section; finish: four coats matte polyurethane Bartop lacquer; including battens, edge trims, legs, all fittings, fixings and accessories; refer drawing nr: P22-034 - T-026 - RG-03 - Reception Plan & Wall Elevations					
<u>Fittings</u>					
A	reception joinery 2,500mm high x 900mm deep x 2,300mm long	1	nr		
<u>ANY OTHER ITEMS</u>					
Quantity Adjustments					
<u>The Contractor to include here for any quantity adjustments necessary on any of the above items</u>					
A	.....		noid		
B	.....		noid		
Ref: 2793		PD 28/1		To Collection €:	



Pricing Document

Description	Qty	Unit	Rate	Total
			€	€
<u>(79) GENERAL FITTINGS (Continued)</u>				
C		noid		
Any works deemed necessary to complete the work as indicated on the Architect's / Engineers drawings but not specifically identified and scheduled above				
The Contractor shall describe and include here for any additional items in Qty Unit Rate format				
A		noid		
B		noid		
C		noid		
Total				

**Brennan
Associates**

Description	Qty	Unit	Rate	Total
(79) GENERAL FITTINGS (Continued) COLLECTION PD 28/1: PD 28/2: (79) GENERAL FITTINGS Carried to Summary:			€	€

Ref: 2793

PD 28/3

C: Building B

Pricing Document

Description	Qty	Unit	Rate	Total
			€	€
<u>(19) SUBSTRUCTURES</u>				
<u>GENERALLY</u>				
The Contractor should note the following				
<u>Notes</u>				
Refer to Architect's, Civil / Structural Engineer's and Building Service Engineer's Drawings, Reports & Specifications for full details, including Site Investigation Reports, Topographic surveys, Preliminary Trial Hole Logs, Preliminary Borehole Logs, Preliminary Rotary Core Logs		note		
All excavation is taken from formation level (+57.20m)		note		
All excavation to reduce levels is included elsewhere in Item (10) – Prepared Site.		note		
Vibro stone columns shall be designed, installed, tested and certified by a specialist contractor in accordance with BS EN 14731: Execution of Special Geotechnical Works – Ground Treatment by Deep Vibration, BS EN 1997 (Eurocode 7), the project geotechnical report and the Engineer's Specification		note		
Vibro Stone Columns Contractor to note proximity of proposed VSCs to adjacent buildings; vibration limit to be agreed with Engineer prior to commencement		note		
Ref: 2793 PD 29/1 To Collection €:				

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(19) SUBSTRUCTURES (Continued)</u>					
A	Noise and vibration monitoring will be required during the undertaking of these works and when requested to do so the Contractor must cease any works that are causing disruption to operations and either alternative times for undertaking such works agreed or an alternative methodology of undertaking these works agreed with the required parties. Method Statements are to be provided for such works and these are to be forwarded to the Architect and Engineers for comment, prior to the works being carried out. Approval or comments provided in respect of these Method Statement do not limit the Contractor's Liability in respect of health and safety and/or damage, personal or physical, or consequential damage arising from undertaking such works. In addition, claims for delay or disruption arising from any requirement to cease or stand down from such noisy or similar works will not be entertained by the Architect or Employer.		note		
	The Contractor shall note the Water level is as per Site Investigation Report 17/04/2023 to 19/04/2023		note		
<u>EXCAVATION AND EARTHWORK</u>					
Excavation					
<u>Foundation Trenches</u>					
A	depth not exceeding 2.00m	59	m3		
Earth work support; all accordance with engineers specifications					
<u>Earthwork support</u>					
B	Foundations, maximum depth not exceeding 2.00m, distance between opposing faces not exceeding 2.00m	106	m2		
Working Space; backfilling with granular material, in 200mm compacted layers, platform to be of CBR 10% for ground improvement rig access; all in accordance with Engineers Specification					
<u>Working space</u>					
Ref: 2793		PD 29/2		To Collection €:	

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(19) SUBSTRUCTURES (Continued)</u>					
A	Foundations, maximum depth not exceeding 2,000mm	106	m2		
	Disposal				
	<u>Water</u>				
B	surface water; keeping the site free of surface water	1	Item		
C	ground water; keeping the excavations free of ground water	1	Item		
	<u>Excavated material</u>				
D	off site	59	m3		
	Filling; crushed stone				
	<u>Filling hardcore; T0 fill material to facilitate the free movement of gas (radon) within the hardcore layer; fill material to SR21 Annex & 2014 + A1 2016; depositing and compacting in layers; all in accordance with the Engineers Specification's</u>				
E	to make up levels; average thickness not exceeding 250mm thick	181	m3		
	<u>Filling hardcore; T1 fill material to facilitate the free movement of gas (radon) within the hardcore layer; fill material to SR21 Annex & 2014 + A1 2016; depositing and compacting in layers; all in accordance with the Engineers Specification's</u>				
F	to make up levels; average thickness not exceeding 250mm thick	145	m3		
	<u>Filling hardcore; T2 fill material to facilitate the free movement of gas (radon) within the hardcore layer; fill material to SR21 Annex & 2014 + A1 2016; depositing and compacting in layers; all in accordance with the Engineers Specification's</u>				
G	to make up levels; average thickness not exceeding 250mm thick	145	m3		
	Surface Treatments				
	<u>Blinding filling</u>				
Ref: 2793		PD 29/3		To Collection €:	

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(19) SUBSTRUCTURES (Continued)</u>					
A	leveling with sharp sand to Engineers approval; horizontal; 50mm thick; compacted	723	m2		
<u>Ground improvement works</u>					
<u>PILING: Ground improvement works to strip foundations and pad foundations</u>					
<u>Notes generally</u>					
B	Vibro stone columns, or similar approved, to be designed, installed and certified by a specialist contractor to the satisfaction of the Structural Engineer; refer to Engineer's drawings, ground / site investigation report and nature of the site in terms of restrictions and requirements in terms of noise and vibration monitoring, etc. are noted	1	Note		
C	All Vibro Stone Columns are to Specialist Design and Detailed by an approved Designer	1	Note		
D	The Contractor shall note the proximity of proposed Vibro Stone Columns to neighbouring structures. Vibration monitoring to be included for the duration of the piling works.	1	Note		
E	The final Vibro stone column solution will be to specialist design of the specified working loads	1	Note		
F	Vibro stone column designer to refer to SI reports. Design will ultimately be determined by vibro stone column designer.	1	Note		
G	Vibro stone columns shall be designed, installed, tested and certified by a specialist contractor in accordance with BS EN 14731: Execution of Special Geotechnical Works – Ground Treatment by Deep Vibration, BS EN 1997 (Eurocode 7), the project geotechnical report and the Engineer's Specification	1	Note		
Mobilise & Demobilise; All costs associated with transport, mobilisation, demobilisation, of VSC equipment to and from site including rig, personnel, resources, etc.					
<u>On Site</u>					
H	Generally	1	Item		

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(19) SUBSTRUCTURES (Continued)</u>					
<u>Set-up for each Vibro Stone Column</u>					
A	Including setting up vibro stone column rig at each vibro stone column location	1	Item		
<u>Design to be submitted</u>					
B	Vibro stone column design report	1	Item		
C	Site specific statement	1	Item		
D	Installation layout drawings	1	Item		
<u>Handover documentation</u>					
E	Production reports, HSE records, Upon works completion	1	Item		
<u>Ancillary Certification</u>					
F	Ancillary Certification for vibro stone column works, including Ancillary certificate of Design completion (Sc), inspection completion (Si) and specialist sub-contractor compliance (CS)	1	Item		
Vibro Stone Columns or similar approved; designed to allowable ground bearing capacity of 200kPa under all pad foundations and strip foundations following completion of ground improvement works; Safe bearing capacity 200kN/m2 at a factor of safety of 1.5 (per vibro stone column) by a specialist piling Sub Contractor					
<u>Vibro stone columns - Ground Improvement (foundations only)</u>					
G	Penetrating ground to designed depth with vibroflot, or similar, filling with graded crushed stone or similar approved, compacted into surrounding soils	1	Item		
Obstructions					
<u>Standing</u>					
H	Standing Time due to delays beyond the control of the VSC contractor	40	Hrs		
Pile Tests; complete					

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(19) SUBSTRUCTURES (Continued)</u>					
<u>Vertical Load Testing</u>					
A	Vertical load testing on heads of VSCs; including mobilisation	1	Item		
<u>Other Testing</u>					
B	The contractor shall include for all other testing required as part of their quality assurance and controls	1	Item		
<u>Vibration monitoring</u>					
C	Vibration Monitoring for the duration of the VSC works; reports to be provided to the ER daily, (minimum of 2 No.) vibration monitors to be installed; Max PPV 5.0mm/s; Locations To be confirmed on site	1	Item		
Piling mat					
<u>Contractor to allow for temporary working platform 400mm thick. Platform to be granular material of CBR 10% for Ground improvement access, including removal on completion</u>					
D	Installation of suitably sized piling mat, and removal on completion	1	Item		
<u>CONCRETE WORK: In-Situ Concrete</u>					
Plain in-situ concrete; C15/20; vibrated; all in accordance with the Engineers Specification's					
<u>Blinding</u>					
E	beneath foundations; poured on or against earth or unblinded hardcore	9	m3		
Plain in-situ concrete; C30/37; vibrated; all in accordance with the Engineers Specification's					
<u>Foundations</u>					
F	foundations generally; poured on or against blinding	54	m3		
Reinforced in-situ concrete; Grade C30/37-D20-S2-XC2); vibrated; all in accordance with the Engineers Specification's					
Ref: 2793		PD 29/6		To Collection €:	

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(19) SUBSTRUCTURES (Continued)</u>					
<u>Beds</u>					
A	exceeding 150mm thick; (Ground floor)	145	m3		
<u>Extra over for:</u>					
B	Special requirements to finishes; circa 20mm recess to be formed in in Concrete Bed for matwell (measured elsewhere); Overall Size: L: 1,100mm x W: 1,100mm	2	nr		
<u>Column</u>					
C	Cross Sectional area not exceeding 0.10m2	1	m3		
<u>Column casings</u>					
D	RC Stub Columns for steel columns, cross sectional area exceeding 0.10m2	2	m3		
<u>CONCRETE WORK: Sundries</u>					
Design Joints; control joints; 6 x 40mm deep; filled with Thioflex 600 Sealeant by Fosroc-Expandite or equally approved; all in accordance with the Engineers Specification's					
<u>Control Joints</u>					
E	6 x 40mm deep; (All areas)	130	m		
Saw-cut Joints; saw joints; 3 x 66mm deep; withing 25 hours of placing concrete; saw-cut joint filled with colpor 200PF joint sealer by fosroc or equal approved. all in accordance with the Engineers Specification's					
<u>saw-cut Joints</u>					
F	3 x 66mm deep; (All areas)	130	m		
Joints between RC columns and blockwork; wall tie back to rectangular columns; between masonry wall and concrete column to be lined with 10mm polyethylene joint fill or similar joint; all in accordance with the Engineers Specification's					
<u>wall tie joints</u>					

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(19) SUBSTRUCTURES (Continued)</u>					
A	10mm thick Design Joints; isolation joint (I.S.); 20mm wide non biodegradable compressible filler with joint sealant; all in accordance with the Engineers Specification's <u>Isolation Joint</u>	56	nr		
B	20mm wide; (All areas) Special connections, Wall tie back; wall tie back with Halfen hl 28/15 vertical channel (oea) fixed back to steel column using 5.5 x 50mm heavy Duty tek screws @ 225mm vertical c/c to allow for 225mm long ancon sd21 tie (oea) @ 450mm Vertical c/c. Allow for end of each wall panel to be debonded with sleeve; all in accordance with the Engineers Specification's <u>wall tie joints</u>	236	m		
C	5.5 x 50mm size; to RC column Surface Finishes <u>Power-floating slabs</u>	56	nr		
D	not exceeding 150mm thick <u>CONCRETE WORK: Reinforcement</u> Reinforcement bars; high yield bars & links; straight or bent; all in accordance with the Engineers Specifications <u>Bars</u>	723	m2		
E	straight or bent; various diameter; nominal sizes 12mm to 25mm dia.; pad foundations	1.40	t		
F	straight or bent; various diameter; nominal sizes not exceeding 12mm dia.; columns Reinforcement fabric mesh; 450mm side and end laps; minimum 50mm cover; all in accordance with the Engineers Specification's; no allowance in measurement for laps	0.20	t		

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(19) SUBSTRUCTURES (Continued)</u>					
<u>Fabric Mesh Reinforcement</u>					
A	A393 anti crack mesh Fabric Reinforcement; exceeding 300mm wide; horizontal; floor slab	723	m2		
B	A393 Fabric Reinforcement; exceeding 300mm wide; horizontal; foundations	139	m2		
<u>CONCRETE WORK: Formwork</u>					
Formwork generally; finish as per Engineers specification					
<u>Sides of Foundations</u>					
C	height exceeding 250mm not exceeding 500mm	300	m2		
<u>Edges of beds</u>					
D	height not exceeding 250mm	235	m		
<u>Kickers</u>					
E	Columns, isolated, rectangular; 215mm x 440mm x 150mm high	6	nr		
F	Column Casings, isolated, rectangular; 450mm x 450mm	2	nr		
G	Column Casings, isolated, rectangular; 550mm x 440mm	9	nr		
H	Column Casings, isolated, rectangular; 550mm x 1,600mm	1	nr		
<u>Column</u>					
J	isolated; rectangular; soffit height not exceeding 4000mm	14	m2		
<u>Column casings</u>					
K	isolated; rectangular; for steel columns; soffit height not exceeding 4,000mm	9	m2		
<u>BRICKWORK AND BLOCKWORK: Brickwork/Blockwork</u>					
Solid concrete blockwork; compressive strength 13N/mm2; bedded in sand and cement mortar (1:3); stretcher bond; forming vent opes in blockwork as work proceeds; all in accordance with the Engineers Specification's					
Ref: 2793		PD 29/9		To Collection €:	

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(19) SUBSTRUCTURES (Continued)</u>					
<u>Walls in trenches</u>					
A	100mm thick	78	m2		
B	215mm thick	54	m2		
C	550mm thick	53	m2		
Thermal concrete block; 18N/mm2 thermal concrete block on flat to I.S. EN 771- 3:2011+A1:2015 standards ; all in accordance with the Engineers Specifications					
<u>Walls in trenches</u>					
D	215mm thick	41	m2		
Forming or cutting holes for drainage and services through walls; including for inserting precast lintels; backfilling ope after pipework installation with cement mix; making good to surrounds on completion; all in accordance with the Engineers Specification's					
<u>Like items</u>					
E	opes for drainage & services; 550mm thick external rising walls	1	Item		
Bonding to other work					
<u>Bonding blockwork to RC Walls</u>					
F	Bonding using dove tail ties min 150mm long at 450mm centres; including cast in Abbey Slot style proprietary channel	9	m		
<u>BRICKWORK AND BLOCKWORK: Ancillaries to Brickwork / Blockwork</u>					
Closing cavities at doors and curtain wall; 125mm thick cavities; including additional wall ties; all in accordance with the manufacturers instructions, Architects Drawing's and Engineers specifications & details					
<u>Closing Cavities</u>					
G	550mm wide	33	m		
Ref: 2793		PD 29/10		To Collection €:	

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(19) SUBSTRUCTURES (Continued)</u>					
Damp proof courses; 100mm laps; jointing with jointing tape; bedded in gauge mortar; no allowance in measure for laps; Damp-proof course to conform with I.S. 57:1987, BS 743, BS 6398, BS 6515, BS 8215 or CP 102 and must comply with Technical Guidance Document C (TGD-C) of the Irish Building Regulations; Gauge / thickness to be a minimum 0.5mm – 0.8mm for polyethylene or co-polymer thermoplastic (CPT) rolls and must have an NSAI Agrément certificate or a third-party accreditation like the British Board of Agrément (BBA). all in accordance with the Architect's Specifications					
A	Horizontal; not exceeding 300mm wide	63	m		
B	Horizontal; exceeding 300mm wide	63	m ²		
<u>Forming or cutting holes for drainage and services through walls; including for inserting precast lintels; backfilling ope after pipework installation with cement mix; making good to surrounds on completion; all in accordance with the Engineer's Specifications</u>					
C	Radon sump	4	nr		
Designed Joints <u>Control Joint to blockwork walls; 10 wide joint sealed with 13mm wide compressible polyethylene foam with a bond breaker, and 2 part polysulphide sealant; 300mm long stainless steel ties (Ancon PPS O.E.A.) with plastic de-bonding sleeve; all in accordance with Engineer's Drawings and Specifications</u>					
D	Movement Joint; 215mm blockwork	6	m		
<u>ROOFING, CLADDING AND WATERPROOFING: Mastic Asphalt and Gas Proof Non-Metal Flexible Sheet Coverings</u> Gas proofing / Damp proofing					
Ref: 2793		PD 29/11		To Collection €:	

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(19) SUBSTRUCTURES (Continued)</u>					
<u>Loose laid 1200 gauge certified radon membrane barrier; laid strictly in accordance with the manufacturers instructions on 50mm sand blinding (measured elsewhere); no allowance for laps; including Butyl rubber adhesive tapes; all in accordance with the Architects Drawings and Specification</u>					
A	horizontal; exceeding 300mm wide; wrapping up and around rising walls	723	m2		
B	Vertical; not exceeding 300mm wide; wrapping up and around rising walls	71	m2		
<u>Extra over</u>					
C	sealing around pipe penetrations or the like; 100mm diameter pipes; top hat collars	4	nr		
<u>WOODWORK; Ironmongery, Accessories & Sundries</u>					
Rigid P.I.R underfloor insulation with thermal conductivity of 0.022w/mk or better with and floor elemental U-value of 0.21W/m2K or better ; laid in accordance with manufacturer's instructions; no gaps; Premiter insulation to have minimum R value of 1.1m2K/W; all in accordance with the Engineer's Specification					
<u>Thermal Insulation</u>					
D	horizontal; 150mm thick	723	m2		
E	vertical; 25mm thick	71	m2		
Sundries					
<u>Air seal ; to be provided between floor and masonry with a flexible sealer or suitable air seal tape " isover' Vario bond or equal approved with steel angel to perimeter; all in accordance with the Engineer's Specification</u>					
F	horizontal; not exceeding 300mm wide	235	m		
<u>FOUL DRAINAGE BENEATH FLOOR SLAB</u>					
<u>BRICKWORK AND BLOCKWORK: Brickwork/Blockwork</u>					

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(19) SUBSTRUCTURES (Continued)</u>					
Forming or cutting holes for drainage and services through walls; including for inserting precast lintels; backfilling ope after pipework installation with cement mix; making good to surrounds on completion; all in accordance with the Engineer's Specifications					
<u>Like items</u>					
A	opens for drainage & services; 215mm thick internal rising blockwork walls	13	nr		
B	opens for drainage & services; 550mm thick external rising blockwork walls	5	nr		
<u>DRAINAGE: Below Ground</u>					
Excavating trenches; starting from finished ground level; grading bottoms; earthwork support; disposing of surplus excavated material off site; filling in over bed and surround with clause 808 hardcore, compacted in 200mm maximum layers; all in accordance with Engineer's Specifications					
<u>Pipes not exceeding 250mm nominal size</u>					
C	Average depth 500mm - 1,000mm	37	m		
Disposal					
<u>Ground Water</u>					
D	Generally	1	Item		
<u>Surface Water</u>					
E	Generally	1	Item		
Beds and surrounds					
<u>Selected granular material in accordance with Engineer's specification</u>					
F	400mm wide x 400mm thick bed and surround; to 100mm pipe;	37	m		
Pipes					

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(19) SUBSTRUCTURES (Continued)</u>					
<u>uPVC pipes to I.S. 424; spigot and socket flexible joints in the running length; at 1:50 fall; all in accordance with the Engineers Specification's</u>					
A	200mm diameter. pipework; laid in hardcore bed	37	m		
B	Pipework pop-up connections	12	nr		
Extra over pipes on which they occur for					
<u>Bends</u>					
C	200mm pipe; long radius	5	nr		
Pipe accessories					
<u>Access junctions; uPVC A.j.'s; all in accordance with the Engineers Specification's</u>					
D	Access Junctions	6	nr		
<u>Back inlet gully trap; uPVC BIGT's; all in accordance with the Engineers Specification's</u>					
E	Back inlet gully traps	7	nr		
Testing and commissioning					
<u>Testing</u>					
F	Testing the foul water drainage system to the Architects satisfaction as the work proceeds and on completion	1	Item		
<u>RADON DRAINAGE BENEATH FLOOR SLAB</u>					
<u>BRICKWORK AND BLOCKWORK: Brickwork/Blockwork</u>					
Forming or cutting holes for drainage and services through walls; including for inserting precast lintels; backfilling ope after pipework installation with cement mix; making good to surrounds on completion; all in accordance with the Engineer's Specifications					
<u>Like items</u>					
G	opens for drainage & services; 215mm thick internal rising blockwork walls	4	nr		

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(19) SUBSTRUCTURES (Continued)</u>					
A	opens for drainage & services; 550mm thick external rising blockwork walls	4	nr		
uPVC pipes; I.S. 424; joints in the running length					
<u>110mm pipework; in trenches</u>					
B	laid in position horizontal	45	m		
<u>Extra over pipes on which they occur for</u>					
C	90 degree bends, 110mm pipework	4	nr		
D	Radon sump	4	nr		
E	easi-sump identifiable ground cap for subfloor radon pipe network	4	nr		
Testing and commissioning					
<u>Testing</u>					
F	Testing the Radon Drainage system to the Architects satisfaction as the work proceeds and on completion	1	Item		
<u>ANY OTHER ITEMS</u>					
Quantity Adjustments					
<u>The Contractor to include here for any quantity adjustments necessary on any of the above items</u>					
A			noid		
B			noid		
C			noid		
Any works deemed necessary to complete the work as indicated on the Architect's / Engineers drawings but not specifically identified and scheduled above					
<u>The Contractor shall describe and include here for any additional items in Qty Unit Rate format</u>					
A			noid		
B			noid		
Ref: 2793		PD 29/15		To Collection €:	



Pricing Document

Description	Qty	Unit	Rate	Total
			€	€
<u>(19) SUBSTRUCTURES (Continued)</u>				
C		noid		
Total				

Description	Qty	Unit	Rate	Total
(19) SUBSTRUCTURES (Continued)			€	€
COLLECTION				
PD 29/1:				
PD 29/2:				
PD 29/3:				
PD 29/4:				
PD 29/5:				
PD 29/6:				
PD 29/7:				
PD 29/8:				
PD 29/9:				
PD 29/10:				
PD 29/11:				
PD 29/12:				
PD 29/13:				
PD 29/14:				
PD 29/15:				
PD 29/16:				
(19) SUBSTRUCTURES Carried to Summary:				
Ref: 2793 PD 29/17				

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(21) EXTERNAL WALLS</u>					
<u>GENERALLY</u>					
The Contractor should note the following					
<u>Notes</u>					
Refer to Architect's / Civil & Structural / Building Service Engineer's Drawings & Specifications for full details			note		
Unless otherwise described, making good to the structure and remaining finishes are deemed included within the description of the items included in this element.			note		
The Contractor is deemed to have visited the site and to have familiarised himself with the full scope and intent of the Works as described in the Tender Documents, including any restrictions or constraints placed on carrying out the various operations.			note		
<u>Concrete Work: Precast Concrete/Composite Construction/Stone Faced Concrete Panels</u>					
Pre-stressed precast concrete lintels; shall be supplied and installed with a minimum 150mm bearing at each end and a smooth fair-faced finish; All fixings and ancillary works shall be included in accordance with the Engineer's drawings and specifications.					
<u>Lintels</u>					
A	100mm wide x 65mm high x 900mm long	2	nr		
B	100mm wide x 65mm high x 1300mm long	1	nr		
C	100mm wide x 65mm high x 1420mm long	2	nr		
D	100mm wide x 65mm high x 1500mm long	1	nr		
E	100mm wide x 65mm high x 1700mm long	3	nr		
F	100mm wide x 65mm high x 1800mm long	2	nr		
G	100mm wide x 150mm high x 2300mm long	2	nr		
H	100mm wide x 150mm high x 2500mm long	2	nr		
J	215mm wide x 65mm high x 900mm long	2	nr		
Ref: 2793		PD 30/1		To Collection €:	

**Brennan
Associates**

Description	Qty	Unit	Rate	Total
			€	€
<u>(21) EXTERNAL WALLS (Continued)</u>				
215mm wide x 65mm high x 1300mm long	1	nr		
215mm wide x 65mm high x 1420mm long	2	nr		
215mm wide x 65mm high x 1500mm long	1	nr		
215mm wide x 65mm high x 1700mm long	3	nr		
215mm wide x 65mm high x 1800mm long	2	nr		
215mm wide x 215mm high x 2300mm long	2	nr		
215mm wide x 215mm high x 2500mm long	2	nr		
Precast Concrete Window Sill; Precast concrete window sills, 350mm deep with a 100mm deep facing, shall be supplied and installed complete with finished sides and soffit; All bedding mortar, jointing, sealants, fixings, weathering details, and ancillary works shall be included in accordance with the drawings, specifications, and manufacturer's recommendations.				
<u>Sills</u>				
600mm long	2	nr		
1000mm long	1	nr		
1200mm long	1	nr		
1400mm long	1	nr		
1500mm long	4	nr		
2200mm long	2	nr		
4350mm long	1	nr		
<u>Brickwork and Blockwork: Brickwork/Blockwork</u>				

Ref: 2793

PD 30/2

To Collection €:

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(21) EXTERNAL WALLS (Continued)</u>					
100mm Facing Brick External Leaf Wall to selected shade approved by the Architect; External facing brickwork shall be supplied and constructed using 100 × 65 × 215mm wire-cut facing bricks complying with BS EN 771-1 and S.R. 325:2013+A2:2018/AC:2019 and have a Declaration of Performance (DoP); Dimensional tolerance class: T1, Dimensional range: R1. Active Soluble Salts Classification: S2 (low risk of efflorescence); and having a minimum compressive strength of 45N/mm²; Bricks shall be laid in stretcher bond with 10mm coloured mortar joints and 5mm recessed pointing to I.S. EN 998 2 (masonry mortar) to shade selected by the Architect; All mortar, wall ties, scaffolding, and ancillary works shall be included in accordance with the drawings and specifications."					
<u>Walls; Brickwork</u>					
A	100mm thick	79	m2		
B	Extra over; reveals of openings; return brick to close cavity	69	m		
<u>Labours</u>					
C	On brickwork	1	Item		
Blockwork; 100mm Thick Solid Concrete Blockwork Outer Leaf; minimum 13N/mm² solid concrete blockwork outer leaf shall be provided and constructed using blocks complying with I.S. EN 771-3:2011+A1:2015, laid on edge / flat in approved mortar and in half-lap stretcher bond; flush pointing blockwork to both sides as works progress, Minimum 325mm long stainless steel anti-drip cavity wall ties shall be installed at a minimum density of 2.5 ties/m², including additional ties at openings, movement joints, and wall junctions; All fixings and ancillary works shall be included in accordance with the drawings and specifications.					
<u>Walls; Concrete blockwork</u>					
D	100mm thick	333	m2		

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(21) EXTERNAL WALLS (Continued)</u>					
<u>Labours</u>					
A	On blockwork	1	Item		
215mm Thick Solid Concrete Blockwork Inner Leaf; minimum 13N/mm² solid concrete blockwork inner leaf shall be provided and constructed using blocks complying with I.S. EN 771-3:2011+A1:2015, laid flat in approved mortar and in half-lap stretcher bond; flush pointing blockwork to both sides as works progress, Minimum 325mm long stainless steel anti-drip cavity wall ties shall be installed at a minimum density of 2.5 ties/m², including additional ties at openings, movement joints, and wall junctions. All fixings and ancillary works shall be included in accordance with the drawings and specifications.					
<u>Walls; Concrete blockwork</u>					
B	Inner leaf; 215mm thick	604	m2		
C	Outer leaf; 215mm thick	22	m2		
<u>Labours</u>					
D	On blockwork	1	Item		
<u>Brickwork and Blockwork: Ancillaries to</u> <u>Brickwork/Blockwork</u>					
Forming Cavities Between New Walls and structure; 150mm wide cavities shall be formed to accommodate 150mm expanded polystyrene (EPS) insulation bead (measured elsewhere), complete with minimum 325mm long stainless steel wall ties complying with EN 845-1:2013, embedded 62.5mm minimum into masonry joints and installed at 450mm horizontal and 450mm vertical centres, to increase to 225 vertical centres and within 150mm of openings, window and door reveals; All wall ties, fixings, and ancillary works shall be included in accordance with the drawings, specifications, and manufacturer's recommendations.					
Ref: 2793		PD 30/4		To Collection €:	

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(21) EXTERNAL WALLS (Continued)</u>					
<u>Forming cavities; Between walls</u>					
A	150mm thick	372	m2		
Insulated Cavity Closers to Door and Window Openings; Approved insulated cavity closers shall be supplied and installed around all door and window openings, with insulation complying with the relevant IS EN 1316x series and tested to IS EN 1366-4:2021; Cavity closers shall achieve ψ-values in accordance with BRE IP1/06 and hold current BBA/IAB Agrément certification; All insulation, fixings, fire-stopping, sealing, and ancillary works shall be included in accordance with the drawings, specifications, and manufacturer's recommendations.					
<u>Closing cavities</u>					
B	horizontal; 150mm cavity	54	m		
C	vertical; 150mm cavity	107	m		
Damp Proof Course (DPC) Membrane; Damp-proof course to conform with I.S. 57:1987, BS 743, BS 6398, BS 6515, BS 8215 or CP 102 and must comply with Technical Guidance Document C (TGD-C) of the Irish Building Regulations; Gauge / thickness to be a minimum 0.5mm – 0.8mm for polyethylene or co-polymer thermoplastic (CPT) rolls and must have an NSAI Agrément certificate or a third-party accreditation like the British Board of Agrément (BBA); Approved DPC membrane shall be supplied and installed beneath window sills to prevent the passage of moisture; All laps, joints, sealing, flashings, fixings, and ancillary works shall be included in accordance with the drawings, specifications, and manufacturer's recommendations.					
<u>Vertical</u>					
D	not exceeding 225mm wide; window & door jambs	90	m		
Ref: 2793		PD 30/5		To Collection €:	

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(21) EXTERNAL WALLS (Continued)</u>					
<u>Horizontal</u>					
A	Width not exceeding 225mm	40	m		
Stepped Damp Proof Course (DPC) to Window Heads in Cavity Walls; Stepped DPC shall be supplied and installed at window heads within cavity walls to prevent moisture penetration and direct water to the external face; All DPC materials, cavity trays, stop ends, laps, joints, integration with flashings and Weep-holes, and ancillary works shall be included in accordance with the drawings, specifications, and manufacturer's recommendations.					
<u>Damp proof courses</u>					
B	exceeding 225mm wide; stepped across window & door heads/cills	32	m2		
12.5mm wide expansion joints shall be formed with 12.5mm Flexcell or approved equivalent compressible filler and Ancon PPS 300 debonded ties or approved equivalent at 225mm vertical centres; All fillers, ties, fixings, sealants, and ancillary works shall be included in accordance with the drawings, specifications, Engineer's details, and manufacturer's recommendations.					
<u>Designed joints</u>					
C	Expansion Joint; 100mm brickwork	16	m		
D	Expansion Joint; 215mm blockwork	40	m		
12.5mm wide expansion joints shall be formed with 12.5mm Flexcell or approved equivalent compressible filler and Ancon PPB 225 debonded L-ties or approved equivalent at 225mm vertical centres, fixed to steel columns using Tapcon Hex Head 4H057 (6mm × 57mm) fixings or approved equivalent; All fillers, ties, fixings, and ancillary works shall be included in accordance with the drawings, specifications, and Engineer's details.					

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(21) EXTERNAL WALLS (Continued)</u>					
<u>Designed joint</u>					
A	Expansion Joint; 215mm blockwork Masonry fixed to steel beam using Ancon SAH-UO with extended head or equal approved <u>Designed joint</u>	72	m		
B	Bonding walls to structural steel beams; 215mm thick walls Internal Head Restraint to Infill Masonry Panels; Ancon IHR-V Internal Head Restraint System or approved equivalent shall be supplied and installed to connect infill masonry panels to the surrounding structure at head level; Restraints shall be installed at 450mm horizontal centres in accordance with the Engineer's details and manufacturer's recommendations; All fixings, brackets, anchors, stainless steel components, and ancillary works shall be included <u>Bonding to other work</u>	150	m		
C	Bonding walls to head beams; 100mm thick	83	m		
D	Bonding walls to head beams; 215mm thick Blockwork Connection to Steel Columns; Ancon PPB 225 debonded L-ties or approved equivalent shall be supplied and installed to connect blockwork to steel columns at 225mm vertical centres and shall be fixed using E-XBOHR 5 16 5.5 × 50 self-tapping fixings or approved equivalent; All ties, fixings, debonding sleeves, and ancillary works shall be included in accordance with the drawings, specifications, Engineer's details, and manufacturer's recommendations. <u>Bonding to other work</u>	83	m		
E	Bonding walls to steel columns; 100mm thick	68	m		
F	Bonding walls to steel columns; 215mm thick	68	m		

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(21) EXTERNAL WALLS (Continued)</u>					
Weep-holes to External Brickwork; Polypropylene Euroweep Vents 49 × 87 × 9mm or approved equivalent shall be supplied and installed at the base of brickwork and above lintels/windows, providing a free airflow area of approximately 300mm² per unit and installed at 900mm to 1000mm maximum centres; All weep-hole vents, fixings, and ancillary works shall be included in accordance with the drawings, specifications, and Architect's instructions. <u>Sundries</u>					
A	Weep-holes	32	nr		
<u>Roofing, Cladding and Waterproofing: Flexible Sheet Metal Coverings</u>					
Aluminum Window Head Flashing; 3mm thick folded polyester powder-coated Aluminum window head flashings shall be supplied and installed to match the adjacent sill profile and finish, complete with incorporated insulation; All insulation, fixings, sealants, jointing materials, weatherproofing, and ancillary works shall be included in accordance with the drawings and specifications. <u>Flashings</u>					
B	Girth 150mm - 300mm; fixed to cladding panels, brickwork and blockwork	20	m		
Aluminum Window Jamb Reveal Flashing; 3mm thick folded polyester powder-coated Aluminum window jamb reveal flashings shall be supplied and installed to match the window sill profile and finish; All fixings, sealants, jointing materials, weatherproofing, and ancillary works shall be included in accordance with the drawings, specifications, and manufacturer's recommendations. <u>Flashings</u>					

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(21) EXTERNAL WALLS (Continued)</u>					
A	Girth 150mm - 300mm; fixed to cladding panels, brickwork and blockwork Pressed Metal Cover Flashing at DPC Level; Pressed metal cover flashings shall be supplied and installed at DPC level to external walls to direct rainwater clear of the wall face and prevent water ingress; All fixings, supports, sealants, jointing materials, weatherproofing, and ancillary works shall be included in accordance with the drawings and specifications. <u>Flashings</u>	90	m		
B	Girth 300mm - 450mm; fixed to cladding panels, brickwork and blockwork Integrated Aluminum flashing at abutment of brickwork / blockwork; 3mm thick folded polyester powder-coated Aluminum integrated flashings shall be supplied and installed, complete with cavity insulation and 2mm thick Aluminum backing sleeves to butt joints; All insulation, fixings, sealants, jointing materials, weatherproofing, and ancillary works shall be included in accordance with the drawings and specifications. <u>Flashings</u>	102	m		
C	Girth 300mm - 450mm; fixed to cladding panels, brickwork and blockwork Insulated Parapet Capping to External Walls; Insulated parapet cappings complete with pressed metal flashings shall be supplied and installed to external walls; All insulation, flashings, cappings, fixings, support brackets, sealants, weatherproofing, and ancillary works shall be included in accordance with the drawings, specifications, and manufacturer's recommendations. <u>Capping</u>	41	m		
D	Girth 600mm - 750mm	116	m		

**Brennan
Associates**

Description	Qty	Unit	Rate	Total
			€	€
<u>(21) EXTERNAL WALLS (Continued)</u> Insulated Pressed Metal Flashing; 140 × 50mm horizontal insulated pressed metal galvanised flashings shall be supplied and installed at the junction between the brick / rendered block wall and insulated cladding panels; girth:140mm; bends: 1nr mechanically fixed to cill drip; All insulation, fixings, sealants, jointing materials, weatherproofing, and ancillary works shall be included in accordance with the Architect's details, drawings, and specifications. <u>Flashings</u> girth 150mm to 300mm <u>Woodwork: Insulation, Ironmongery, Accessories and Sundries</u> 150mm Thick Cavity Wall Thermal Insulation System; 150mm loose fill expanded polystyrene (EPS) bead insulation supplied and injected with a binding agent to a 150mm cavity; KOREFILL Diamond Cavity Blown or equal approved Insulation Bead having a maximum thermal conductivity of 0.033 W/mK to achieve a maximum wall elemental U-value of 0.21 W/m²K; to be in accordance with BS EN ISO 6946 calculations agreement certified (NSAI Cert 07/0293); All insulation materials, cavity filling, wall ties, fixings, sealing, and ancillary works shall be included in accordance with the manufacturer's recommendations and project specifications." <u>Insulation; thermal</u> 150mm thick <u>Structural: Steelwork</u>	49	m		
	372	m2		

Ref: 2793

PD 30/10

To Collection €:

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(21) EXTERNAL WALLS (Continued)</u>					
Insulated Double Leaf Steel Lintel in Brick Facades; Keystone S/K-150 (215 WIL) or approved equivalent insulated double leaf steel lintels shall be supplied and installed to brick facades; All bearings, fixings, supports, insulation, and ancillary works shall be included in accordance with the drawings, specifications, and manufacturer's recommendations.					
<u>Lintels</u>					
A	1,420mm long	2	nr		
B	1,770mm long	1	nr		
C	1,800mm long	2	nr		
Insulated Double Leaf Steel Lintel in Brick Facades; Heavy Duty, Keystone X/K-150 (215 WIL) or approved equivalent insulated double leaf steel lintels shall be supplied and installed to brick facades; All bearings, fixings, supports, insulation, and ancillary works shall be included in accordance with the drawings, specifications, and manufacturer's recommendations.					
<u>Lintels</u>					
D	6,300mm long (Heavy duty Lintel X/K-150 WIL by Keystone)	1	nr		
Cold rolled members					
<u>Kingspan Purlins / cladding rails, hot dipped galvanised steel; including all fixings, flashings, trims, closures and trimming around openings, anti-sag measures, rafter restraints, support brackets, etc. as recommended by the manufacturer; all to the full satisfaction of the Structural Engineer</u>					
E	Multibeam, mechanically fixed to band beam	1.93	t		
<u>Proprietary cleats, drilled and fixed to reinforced concrete band beams with appropriate fixings</u>					
F	Multibeam - concrete cleats	82	nr		
<u>Metalwork: Non-Structural</u>					
Ref: 2793		PD 30/11		To Collection €:	

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(21) EXTERNAL WALLS (Continued)</u>					
Steel support plates, brackets and ties for external window systems: Galvanised steel flats 150mm X 8mm X c. 350mm length plates, with 4nr 10mm dia. countersunk holes; 2mm dense PVC sheet thermal break layer at 750 centre to centre, 10mm cadmium plated hex head bolts fixed chemfix adhesive system ;to the soffit of the band beams at the head and at the RC cill cantilevering outwards with slot holes (2no. per plate), 15mm X 50mm long.					
<u>Galvanised steel flats 150mm X 8mm X c. 350mm length plates</u>					
A	at window head level	34	nr		
RSA Window Frame Support; 150 × 150 × 10mm Rolled Steel Angle (RSA) supports shall be supplied and installed to window frames and shall be fixed to blockwork using 8mm diameter stainless steel concrete screws at 450mm centres; All steel sections, fixings, corrosion protection, and ancillary works shall be included in accordance with the drawings, specifications, and Engineer's details.					
<u>Bars, rods and the like; support angles</u>					
B	Window frame support at cill level	20	m		
Weatherproof Silicone Sealant Bead at DPC Level; A 10mm external weatherproof silicone sealant bead shall be applied to the top of flashing at DPC level to provide a continuous watertight seal; All surface preparation, primers, backing materials, sealants, and ancillary works shall be included in accordance with the manufacturer's recommendations and project specifications.					
<u>Bars, rods and the like; beading</u>					
C	10mm thick	102	m		
Ref: 2793		PD 30/12		To Collection €:	

**Brennan
Associates**

Description	Qty	Unit	Rate	Total
			€	€
<u>(21) EXTERNAL WALLS (Continued)</u>				
Weather-Resistant Silicone Sealant; Durable weather-resistant silicone sealant shall be applied to all window perimeter joints and interfaces requiring weatherproof sealing in accordance with the window manufacturer's specification; All surface preparation, primers, backing materials, sealants, and ancillary works shall be included to provide a complete weather-tight seal.				
<u>Bars, rods and the like; beading</u> Window beading	160	m		
PVC Angle Beads to External Wall Openings; PVC angle beads shall be supplied and installed around openings in the external cavity wall outer leaf to provide straight and durable plaster/render arrises; All fixings, embedding, making good, and ancillary works shall be included in accordance with the drawings, specifications, and manufacturer's recommendations.				
<u>Bars, rods and the like; beading</u> External wall beading	160	m		
<u>Façade Systems and Curtain Walling</u>				

Ref: 2793

PD 30/13

To Collection €:

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(21) EXTERNAL WALLS (Continued)</u>					
91mm PIR Insulated External Wall Cladding Panel System; 91mm thick PIR insulated external wall panels, to have a Thermal Conductivity (λ) of 0.020 W/m.K. or better, comprising 0.7mm external grade coated steel facing with fine micro-ribbed profile in the Architect's selected colour, 90mm PIR insulation core, and 0.7mm white coated internal steel facing, complete with factory-applied side joint seals; Panels shall be horizontally laid and fixed to approved cladding rails and vertical multi-beams; The system shall comply with BS EN 14509, achieve Class O to BS 476 Part 6:2009 and compliant with the requirements of LPS 1181 Grade EXT-B, BROOF(t4) classification in accordance with EN 13501-5, and hold NSAI Agrément Certification; All panels, fixings, flashings, sealants, insulation, certification, and ancillary works shall be included in accordance with the drawings and specifications.					
<u>Façade and curtain walling systems</u>					
A	Exceeding 300mm wide	215	m2		
<u>Firestopping</u>					
PWCB Cavity Barrier; Rockwool or approved equivalent PWCB cavity barriers, size 1200 × 200 × 160mm, shall be supplied and installed, manufactured from non-combustible stone wool encapsulated within a resilient polythene sleeve; Cavity barriers shall be tested to BS 476 and/or BS EN 1366 and shall provide 60 minutes fire integrity and 60 minutes fire insulation; All brackets, fixings, fire-stopping materials, certification, and ancillary works shall be included in accordance with the drawings, specifications, Engineer's details, and manufacturer's recommendations.					
<u>Fire barriers; walls</u>					
B	150mm wide overall; horizontal; cavity walls	88	m		
C	150mm wide overall; vertical; cavity walls	28	m		

Pricing Document

Description	Qty	Unit	Rate	Total
			€	€
<u>(21) EXTERNAL WALLS (Continued)</u>				
<u>ANY OTHER ITEMS</u>				
Quantity Adjustments				
<u>The Contractor to include here for any quantity adjustments necessary on any of the above items</u>				
A		noid		
B		noid		
C		noid		
Any works deemed necessary to complete the work as indicated on the Architect's / Engineers drawings but not specifically identified and scheduled above				
<u>The Contractor shall describe and include here for any additional items in Qty Unit Rate format</u>				
A		noid		
B		noid		
C		noid		
Total				
Ref: 2793 PD 30/15 To Collection €:				

[illegible]

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(22) INTERNAL WALL, PARTITIONS</u>					
<u>GENERALLY</u>					
The Contractor should note the following					
<u>Notes</u>					
The Contractor is deemed to have visited the site and to have familiarised himself with the full scope and intent of the Works as described in the Tender Documents, including any restrictions or constraints placed on carrying out the various operations.			note		
<u>CONCRETE WORK: Precast Concrete / Composite Construction / Stone Faced Concrete Panels</u>					
Pre-stressed precast concrete lintels; minimum bearing 250mm each side; smooth finish, all in accordance with the Architectural and Engineer's Drawings					
<u>Lintels</u>					
A	215mm wide x 65mm high x 1300mm long; L1	2	nr		
B	100mm wide x 65mm high x 1300mm long; L2	15	nr		
<u>BRICKWORK AND BLOCKWORK: Brickwork / Blockwork</u>					
Solid concrete block wall, minimum compressive strength 13N/mm², laid flat and manufactured in accordance with I.S. EN 771-3:2011+A1:2015; bedded in cement mortar in accordance with the project specifications; wall finished with 20mm plaster to both sides comprising a scud coat, scratch coat and skimmed plaster finish; plastered surfaces to be left ready to receive final decoration (measured elsewhere); all in accordance with the Architect's and Engineer's drawings and specifications					
<u>Walls; Concrete Blockwork</u>					
C	100mm thick	72	m2		
D	215mm thick	293	m2		
Ref: 2793		PD 31/1		To Collection €:	

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(22) INTERNAL WALL, PARTITIONS (Continued)</u>					
<u>Labours</u>					
A	On blockwork	1	Item		
<u>Brickwork and Blockwork: Ancillaries to Brickwork/Blockwork</u>					
Designed Joint					
<u>Connection of Blockwork walls to reinforced concrete columns and walls; using PPB 225 / 300 debonded I-ties by ANCON OEA @ 225mm vertical centres; sealed with 13mm wide compressible polyethylene foam with a bond breaker, and 2 part polysulphide sealant; including all ties, fixings, restraints, anchors, sleeves, and ancillary works in accordance with manufacturer's recommendations, bonding blockwork to reinforced concrete; refer Drawing No.23009-S-DR-5151</u>					
B	Bonding to concrete columns; 215mm thick walls	53	m		
<u>Masonry fixed to steel beam using Ancon SAH-UO with extended head or equal approved</u>					
C	Bonding to B1; 215mm thick walls	118	m		
<u>FIRESTOPPING</u>					
Linear firestop seal between top of blockwork and underside of slab/beam comprising compressed stone mineral wool infill and 20mm intumescent mastic edge seal, providing fire resistance to match the wall fire rating, complete with all necessary accessories and installation.					
<u>Fire Barriers; walls</u>					
D	not exceeding 300 wide; horizontal	90	m		
Firestopping to pipes, cable ducts, flues and other service penetrations where applicable; complete with all necessary fire-rated materials and accessories.					
<u>Identification</u>					

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(22) INTERNAL WALL, PARTITIONS (Continued)</u>					
A	Firestopping for services	1	Item		
<u>FLOOR,WALL AND CEILING FINISHING: Stud partitions</u>					
Metal stud partition wall to achieve a Stud Partition Wall Fire Resistance (BS 476): of 30 minutes minimum, GypWall Product Substantiation Report (PSR) reference A206233, overall width 124mm; 92 x 50mm(92S50) metal stud framework at 600mm centres, with Gypframe channel 94C50 Floor & Ceiling Channel, Gypframe 94DC60 Deep Floor & Ceiling Channel on partitions; 90mm acoustic insulation fitted between studs (APR1200) to be fitted between metal studs & achieve a Sound Insulation 47 RwdB or better; Acoustic insulation to be non-combustible mineral wool insulation (glass wool or stone wool). Reaction to fire classification: Euroclass A1Form: Semi-rigid slabs or flexible rolls packed full fill; 1nr layer of 15mm Gyproc SoundBloc or equal approved plasterboard fixed to both sides; to receive skim coat with paint finish (measured elsewhere); 52 Rw dB sound resistance; partition duty rating heavy; including all fixings and sealants (fire, acoustic, etc.); Acoustical Sealant: To be applied around perimeter to both sides partition framework; all in accordance with the Architect's and Structural Engineer's drawings and specifications.					
<u>Metal and stud partitions, 30 minute fire-rated</u>					
B	3,370mm high; GF	25	m		
C	3,420mm high; GF	17	m		
D	3,500mm high; GF	15	m		
<u>Extra over for;</u>					
E	deflection heads; 119mm wide; Head track fixed to floor / roof above; Studs cut 15mm short of underside of roof panel and not fixed to head track to allow movement; Install fire-rated compressible deflection head seal (e.g. mineral wool with intumescent sealant fire stopping)	56	m		
Ref: 2793		PD 31/3		To Collection €:	

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(22) INTERNAL WALL, PARTITIONS (Continued)</u>					
A	angles to partitions; 3370mm high	3	nr		
B	angles to partitions; 3500mm high	2	nr		
C	three-way intersection; 3370mm high	4	nr		
D	three-way intersection; 3420mm high	4	nr		
E	abutments to other finishes; 3370mm high	6	nr		
F	abutments to other finishes; 3420mm high	2	nr		
G	abutments to other finishes; 3500mm high	3	nr		
H	movement joints; (if required)	1	Item		
J	Forming Openings; size 1000x2100mm	10	nr		
K	Forming Openings; size 1430x1120mm	1	nr		
L	Forming Openings; size 1900x1490mm	1	nr		
<u>Grounds</u>					
M	600mm wide x 2,400mm high x 18mm Plywood grounds fixed between metal studs to partitions of varying heights to provide grounds for items fixed to partitions; Plywood to be fitted within partition structure zone	41	nr		
N	600mm wide x 1,200mm high x 18mm Plywood grounds fixed between metal studs to partitions of varying heights to provide grounds for items fixed to partitions; Plywood to be fitted within partition structure zone	20	nr		
<u>Labours</u>					
P	Making good and cutting around obstructions; girth 300mm to 1,000mm	16	nr		
<u>ANY OTHER ITEMS</u>					
Quantity Adjustments					
<u>The Contractor to include here for any quantity adjustments necessary on any of the above items</u>					
A			noid		

Pricing Document

Description	Qty	Unit	Rate	Total
			€	€
<u>(22) INTERNAL WALL, PARTITIONS (Continued)</u>				
B		noid		
C		noid		
Any works deemed necessary to complete the work as indicated on the Architect's / Engineers drawings but not specifically identified and scheduled above				
<u>The Contractor shall describe and include here for any additional items in Qty Unit Rate format</u>				
A		noid		
B		noid		
C		noid		
Total				

[illegible]

**Brennan
Associates**

Description	Qty	Unit	Rate	Total
			€	€
<u>(27) ROOFS</u> <u>GENERALLY</u> The Contractor should note the following <u>Notes</u> Refer to Architect's / Civil & Structural / Building Service Engineer's Drawings & Specifications for full details The tenderer is advised that the measurement and descriptions are to be read in conjunction with the Architect's and Engineer's Drawings and Specification The structural steel quantities set out below are based on the nett mass of the steel sections as indicated on the Structural Engineer's drawings (nett length measured), plus an allowance of 10% for fittings (end plates, etc..). If the Tenderer believes that the 10% included for fittings is not adequate, he should make the necessary adjustment to reflect the appropriate additional / reduced allowance for fittings. In accordance with ARM Fittings are deemed to include Caps, Bases, Haunches, Gussets, end plates, Splice Plates, Cleats, Brackets, Stiffeners, Distance Pieces, and the like. All Bolts nuts and washers including forming holes for fixings are deemed to be included. Responsibility for all structural steel to steel connection details and adequacy and compliance with current regulations and the specification shall lie with the Contractor; the Contractor is deemed to have included for all steel to steel connections in his pricing of the measurement items; final proposals for all structural steel to steel connections and fabrication drawings shall be forwarded to the structural engineer prior to the execution of the works; the Contractor is deemed to have included in his rates for all steel to steel connections <u>STRUCTURAL: Steel work</u>		note note note note note		

Ref: 2793

PD 32/1

To Collection €:

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(27) ROOFS (Continued)</u>					
Structural steelwork; Designed and fabricated in strict accordance with the Structural Engineers Specification; all steelwork to be Grade S355JR with EN10025; hot rolled structural steel sections; bolted site connections; protective treatment to all structural steel components in accordance with IS EN ISO 12944 - "Execution of Steel Structures and Aluminium Structures" and also certified for CE Marking; blast clean SA 2.5, primed with 2 pack epoxy zinc rich primer to BS4652 to nominal dry film thickness 25 microns by airless spray to blasted steel; 80 micron high build zinc phosphate epoxy primer, to be compatible with fire-protection coatings, For fully/partially external steel, apply second coat of High Build Epoxy MIO to a dry film; thickness of 100 microns include for all nuts and bolts to be degreased and coated; including all in strict accordance with the Engineers specification.					
<u>Beams; Fabricated Members; Primary Steelwork; 25kg/m to 50kg/m</u>					
A	B.5: UB203x133x25	1.27	t		
<u>Extra over</u>					
B	Fishtail lugs welded onto B.5 steel at 225mm centres along the full length of steel member into blockwork wall edge	46	m		
<u>Beams; Fabricated Members; Primary Steelwork; 25kg/m to 50kg/m</u>					
C	B.1: UB 305x165x40	1.87	t		
D	B.3: UB254x146x37	2.32	t		
<u>Extra over</u>					
E	Fishtail lugs welded onto B.3 steel at 225mm centres along the full length of steel member into blockwork wall edge	23	m		
F	B.4: PFC200x90x30	0.25	t		

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(27) ROOFS (Continued)</u>					
<u>Bracings; Fabricated Members; Primary Steelwork; Not Exceeding 25kg/m</u>					
A	BR.2: CHS88.9x6.3	2.92	t		
<u>Hangers; Fabricated Members; Primary Steelwork; Not Exceeding 25kg/m</u>					
B	C.4: SHS:60x60x5	0.01	t		
Bolts					
<u>M20 Bolts</u>					
C	M20 grade 8.8 chemical anchors with Hilti Hit-RE500 V3 Epoxy, minimum embedment 150mm, chemical anchors to be installed in accordance with manufacturers specification and details	222	nr		
Sundries					
D	Allow drilling or forming holes in other construction for fixing of steel work (RC Band beams, Columns, U-Blocks, Blockwork, etc.	222	nr		
Cold rolled members					
<u>Purlins: IFC beam; light guage Kingspan multibeam rails; zinc coating finish; refer 3D drawing and 2D drawing for more details: 23009-S-DR-5152 Structural Roof Layout Building B</u>					
E	M145065200 purlins; < 25kg/m	2.97	t		
<u>Proprietary cleats, drilled and fixed to reinforced concrete band beams, blockwork with appropriate fixings</u>					
F	Multibeam - concrete cleats	106	nr		
<u>ANY OTHER ITEMS</u>					
Quantity Adjustments					
<u>The Contractor to include here for any quantity adjustments necessary on any of the above items</u>					
A			noid		
Ref: 2793		PD 32/3		To Collection €:	

Pricing Document

Description	Qty	Unit	Rate	Total
			€	€
<u>(27) ROOFS (Continued)</u>				
B		noid		
C		noid		
Any works deemed necessary to complete the work as indicated on the Architect's / Engineers drawings but not specifically identified and scheduled above				
<u>The Contractor shall describe and include here for any additional items in Qty Unit Rate format</u>				
A		noid		
B		noid		
C		noid		
Total				

Description	Qty	Unit	Rate	Total
<u>(27) ROOFS (Continued)</u> COLLECTION PD 32/1: PD 32/2: PD 32/3: PD 32/4: (27) ROOFS Carried to Summary:			€	€

Ref: 2793PD 32/5

Pricing Document

Description	Qty	Unit	Rate	Total
			€	€
<u>(28) FRAMES</u> <u>GENERALLY</u> The Contractor should note the following <u>Notes</u> Refer to Architect's / Civil & Structural / Building Service Engineer's Drawings & Specifications for full details The structural steel quantities set out below are based on the nett mass of the steel sections as indicated on the Structural Engineer's drawings (nett length measured), plus an allowance of 10% for fittings (end plates, etc..). If the Tenderer believes that the 10% included for fittings is not adequate, he should make the necessary adjustment to reflect the appropriate additional / reduced allowance for fittings. In accordance with ARM Fittings are deemed to include Caps, Bases, Haunches, Gussets, end plates, Splice Plates, Cleats, Brackets, Stiffeners, Distance Pieces, and the like. All Bolts nuts and washers including forming holes for fixings are deemed to be included. Responsibility for all structural steel to steel connection details and adequacy and compliance with current regulations and the specification shall lie with the Contractor; the Contractor is deemed to have included for all steel to steel connections in his pricing of the measurement items; final proposals for all structural steel to steel connections and fabrication drawings shall be forwarded to the structural engineer prior to the execution of the works; the Contractor is deemed to have included in his rates for all steel to steel connections <u>CONCRETE WORK: In-Situ Concrete</u> Reinforced In-situ concrete; comprising compressive strength class C30/37; maximum aggregate size 20mm; slump class S3; exposure condition XC2; vibrated; all in accordance with Engineers specification		note note note note		
Ref: 2793			PD 33/1	
			To Collection €:	

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(28) FRAMES (Continued)</u>					
<u>Beams</u>					
A	Cross sectional area not exceeding 0.10m2; reinforced concrete band beam; BB.1 215mm x 215mm	6	m3		
<u>Columns</u>					
B	cross-sectional area not exceeding 0.10m2; rectangular reinforced concrete columns; S3; grade C30/37	4	m3		
<u>CONCRETE WORK: Reinforcement</u>					
Bar; straight or bent; Grade B500B; complying with BS4449 standard; required overlap; as per the Engineers specification.					
<u>Bars</u>					
C	straight or bent including stirrups; not exceeding 12mm diameter; to beams	1.21	t		
D	straight or bent stirrups; not exceeding 12mm diameter; to columns	0.01	t		
E	straight or bent; exceeding 12mm but not exceeding 25mm diameter; to columns	0.54	t		
<u>CONCRETE WORK: Formwork</u>					
Grade C16 timber; as per the Engineers specification.					
<u>Beams</u>					
F	rectangular; to RC beams	82	m2		
<u>Columns</u>					
G	isolated; rectangular; to RC columns	60	m2		
<u>STEELWORK: Structural</u>					
Ref: 2793		PD 33/2		To Collection €:	

Description	Qty	Unit	Rate	Total
			€	€
<u>(28) FRAMES (Continued)</u>				
Structural steelwork; Designed and fabricated in strict accordance with the Structural Engineers Specification; all steelwork to be Grade S355JR with EN10025; hot rolled structural steel sections; bolted site connections; protective treatment to all structural steel components in accordance with IS EN ISO 12944 - "Execution of Steel Structures and Aluminium Structures" and also certified for CE Marking; blast clean SA 2.5, primed with 2 pack epoxy zinc rich primer to BS4652 to nominal dry film thickness 25 microns by airless spray to blasted steel; 80 micron high build zinc phosphate epoxy primer, to be compatible with fire-protection coatings, For fully/partially external steel, apply second coat of High Build Epoxy MIO to a dry film; thickness of 100 microns include for all nuts and bolts to be degreased and coated; including all in strict accordance with the Engineers specification.				
<u>Beams; Fabricated Members; Primary Steelwork; 25kg/m to 50kg/m</u>				
B.5 UB 203X133X25	1.08	t		
C.2 - PFC 200X90X30	0.83	t		
<u>Columns; Fabricated Members; Exceeding 50kg/m not Exceeding 100kg/m</u>				
C.1 - UB 305X165X54	3.83	t		
<u>Bracings; Fabricated Members; Primary Steelwork; Not Exceeding 25kg/m</u>				
BR2-CHS 88.9X6.3	0.69	t		
BR3-CHS 101.6X6.3	0.21	t		
Bolts				
<u>M20 Bolts</u>				

Ref: 2793

PD 33/3

To Collection €:

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(28) FRAMES (Continued)</u>					
A	M20 grade 8.8 chemical anchors with Hilti Hit-RE500 V3 Epoxy; connection between steel structures and RC beams, columns, blockwork, etc.	16	nr		
Holding Down Assembly					
<u>Holding Down</u>					
B	120mm x 220mm x 12mm thick base plate	4	nr		
C	250mm x 350mm x 20mm thick base plate	10	nr		
D	M20 grade 8.8 chemical anchors with Hilti Hit-RE500 V3 Epoxy	48	nr		
Grouting					
<u>Non-shrink grout</u>					
E	Holding Down Bolts	48	nr		
F	Base Plate	14	nr		
Sundries					
G	Allow drilling or forming holes in other construction for fixing of steel work	14	nr		
H	Allow for 300mm long SPS ANCON wall ties and hammer on ties by ANCON OEA at 225mm centers to masonry; as per the drawing 23009-S-DR-5550_TA2.	10	nr		
<u>ANY OTHER ITEMS</u>					
Quantity Adjustments					
<u>The Contractor to include here for any quantity adjustments necessary on any of the above items</u>					
A			noid		
B			noid		
C			noid		
Any works deemed necessary to complete the work as indicated on the Architect's / Engineers drawings but not specifically identified and scheduled above					
Ref: 2793		PD 33/4		To Collection €:	

Description	Qty	Unit	Rate €	Total €
(28) FRAMES (Continued)				
The Contractor shall describe and include here for any additional items in Qty Unit Rate format				
A		noid		
B		noid		
C		noid		
Total				
			To Collection €:	

Ref: 2793 PD 33/5 To Collection €:

**Brennan
Associates**

PD 33/6

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(31) EXTERNAL WALLS: COMPLETIONS</u>					
<u>GENERALLY</u>					
The Contractor should note the following					
<u>Notes</u>					
Refer to Architect's / Civil & Structural / Building Service Engineer's Drawings & Specifications for full details					
All door and window measurements are based on the latest revised door and window schedules.					
<u>Woodwork: Boarding and Second Fixings</u>					
Window Board; 20mm medite window boards with bullnose edging; 280mm wide x 10mm thick medite continuous packer strips to underside of the windowboard to finish flush with plaster finish to wall; Medite Packer to be cut to profile of 10mm steel window supports and fixed to concrete / masonry substrate; front face of Mediite packer prepared to receive paint finish; provide vertical 50mm x 10mm medite cover slips screw face fixed to plastered walls below window boards with gripfill and screws; complete with all fixings, accessories, and ancillary works in accordance with the drawings and specifications.					
<u>Second fixings</u>					
A	330mm x 20mm thick	20	m		
<u>Metalwork: Non-Structural</u>					
External plant room door units comprising composite steel frames and flush insulated side panle and steel door with integrated vented louvers; overhead lourved panel as detailed on the Architect's door schedules, finished in RAL 9005 (Black), including all ironmongery, fixings, sealants, ancillary components and associated works required for a complete installation, with the complete door assembly complying with BS EN 14351-1; all in accordance with the Scope of Works and Architectural Specification.					
Ref: 2793		PD 34/1		To Collection €:	

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(31) EXTERNAL WALLS: COMPLETIONS (Continued)</u>					
<u>Door and frame set</u>					
A	DG-06; structural opening 1,400mm x 2,700mm high; single door	1	nr		
B	DG-12; structural opening 1,400mm x 2,700mm high; single door	1	nr		
Composite Items; External door units comprising thermally broken uPVC frames finished in RAL 9005 (approved by the Architect) with double-glazed units consisting of 2 No. 6mm glass panes, 12–18mm argon/krypton gas-filled cavity, low-emissivity coatings and warm-edge spacers to achieve a maximum elemental U-value of 1.6 W/m²K, including all ironmongery, mechanical fixings, brackets, straps, silicone and insulated sealants, ancillary components and associated works required for a complete installation, with all ironmongery and door assemblies complying with the manufacturer's recommendations, relevant certificates and Declarations of Performance (DoPs), and BS EN 14351-1; all in accordance with the Scope of Works and Architectural Specification.					
<u>Door and Frame; Glazed</u>					
C	DG-01; Structural opening 1,635mm x 2,700mm high; single door with overhead & side glazed panel	1	nr		
D	DG-02; Structural opening 1,120mm x 2,700mm high; single door & overhead glazed panel	1	nr		
E	DG-05; Structural opening 1,120mm x 2,700mm high; single door & overhead glazed panel	1	nr		
F	DG-07; Structural opening 1,120mm x 2,700mm high; single door & overhead glazed panel	1	nr		
G	DG-08; Structural opening 1,120mm x 2,700mm high; single door & overhead glazed panel	1	nr		
H	DG-11; Structural opening 1,120mm x 2,700mm high; single door & overhead glazed panel	1	nr		
Ref: 2793		PD 34/2		To Collection €:	

**Brennan
Associates**

Description	Qty	Unit	Rate	Total
			€	€
<u>(31) EXTERNAL WALLS: COMPLETIONS (Continued)</u>				
Composite Items; External door units comprising thermally broken uPVC frames finished in RAL 9005 (approved by the Architect) with with double glazed vision panel consisting of 2 No. 6mm glass panes, 12–18mm argon/krypton gas-filled cavity, low-emissivity coatings and warm-edge spacers to achieve a maximum elemental U-value of 1.6 W/m²K, including all ironmongery, mechanical fixings, brackets, straps, silicone and insulated sealants, ancillary components and associated works required for a complete installation, with all ironmongery and door assemblies complying with the manufacturer's recommendations, relevant certificates and Declarations of Performance (DoPs), and BS EN 14351-1; all in accordance with the Scope of Works and Architectural Specification. <u>Door and Frame; Glazed vision panel</u> DG-09; overall size 1,800mm x 2,700mm high; double door DG-10; overall size 1,800mm x 2,700mm high; double door				
	1	nr		
	1	nr		

Ref: 2793

PD 34/3

To Collection €:

Description	Qty	Unit	Rate	Total
			€	€
<u>(31) EXTERNAL WALLS: COMPLETIONS (Continued)</u>				
External sectional roller shutter door units comprising zinc-coated steel sandwich-type panels with thermally broken cores filled with dense HCFC-free polyurethane foam, complete with double rubber sealing profiles to the underside and sides incorporating inward-curved sealing lips for optimum weather sealing, finished in RAL 9005 (approved by the Architect), and including all tracks, guides, operating mechanisms, ironmongery, fixings, sealants, ancillary components and M&E interfaces required for a complete installation in accordance with the Architect's door schedules; doors shall achieve a panel thickness of 80mm, panel insulation U-value of 0.25 W/m²K, overall door U-value of approximately 0.49 W/m²K, PU foam density of 40kg/m³, 0.5mm steel sheet thickness and 275g/m² zinc coating, and shall comply with the manufacturer's recommendations, EN 13241, EN 16034, and all relevant certification and Declaration of Performance (DoP) requirements; all in accordance with the Scope of Works and Architectural Specification.				
<u>Roller shutter</u>				
DG-03; overall size 3,800mm x 4,900mm high; roller shutter door	1	nr		
DG-04; overall size 3,800mm x 4,900mm high; roller shutter door	1	nr		

Ref: 2793

PD 34/4

To Collection €:

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(31) EXTERNAL WALLS: COMPLETIONS (Continued)</u>					
Composite Item; Proprietary glazing system; thermally broken uPVC framed window units to RAL 9005 externally and RAL colour white internally (approved by the Architect), incorporating double-glazed insulated glass units comprising 2 no. 6mm panes with 12–18mm argon/krypton-filled cavity, Low-E coatings and warm-edge spacers achieving a maximum elemental U-value of 1.6 W/m²K; expanding foam to fill gaps and non-migrating silicone sealant; opening sections as indicated including all ironmongery, fixings, brackets, sealants, insulation, ancillary components and associated works necessary for a complete installation, with the entire window assembly complying with BS EN 14351-1 and the manufacturer's recommendations, specifications, certificates and Declarations of Performance (DoPs); all in accordance with the Scope of Works and Architectural Specification					
<u>Windows; including 2no. 710mm high top hung opening sections</u>					
A	WG-01; structural opening size 1,500mm x 1,670mm high	1	nr		
B	WG-02; structural opening size 1,500mm x 1,670mm high	1	nr		
C	WG-03; structural opening size 1,500mm x 1,670mm high	1	nr		
D	WG-10; structural opening size 1,500mm x 1,670mm high	1	nr		
<u>Windows; Openable side hung</u>					
E	WG-14; overall size 1,000mm x 1,000mm high	1	nr		
F	WG-15; overall size 600mm x 1,250mm high	1	nr		
<u>Windows; Fixed pane</u>					
G	WG-04; structural opening size 2,200mm x 1,425mm high	1	nr		
H	WG-05; structural opening size 2,200mm x 1,425mm high	1	nr		
J	WG-06; structural opening 1,400mm x 9,70mm high	1	nr		
K	WG-07; structural opening size 1,200mm x 9,70mm high	1	nr		
Ref: 2793		PD 34/5		To Collection €:	

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(31) EXTERNAL WALLS: COMPLETIONS (Continued)</u>					
A	WG-08; structural opening size 600mm x 1,200mm high	1	nr		
B	WG-11; structural opening size 4,340mm x 1,420mm high	1	nr		
<u>Painting and Decorating: Painting</u>					
Sand, fill and prime 20mm thick Medite window board with bull nose edging; Including 50mm x 10mm cover facing slip; finished with 3no. coats of Matte oil paint to architects later selected shade; all in accordance with the Architects drawings and specifications					
<u>Second fixings</u>					
C	Girth exceeding 300mm	7	m2		
<u>ANY OTHER ITEMS</u>					
Quantity Adjustments					
<u>The Contractor to include here for any quantity adjustments necessary on any of the above items</u>					
A	.....		noid		
B	.....		noid		
C	.....		noid		
Any works deemed necessary to complete the work as indicated on the Architect's / Engineers drawings but not specifically identified and scheduled above					
<u>The Contractor shall describe and include here for any additional items in Qty Unit Rate format</u>					
A	.....		noid		
B	.....		noid		
C	.....		noid		
Total					
Ref: 2793		PD 34/6		To Collection €:	

[illegible]

**Brennan
Associates**

Description	Qty	Unit	Rate	Total
			€	€
<u>(32) INTERNAL WALL, PARTITIONS COMPLETION</u>				
GENERALLY				
The Contractor should note the following				
<u>Notes</u>				
Refer to Architect's / Civil & Structural / Building Service Engineer's Drawings & Specifications for full details				
<u>WOODWORK: Composite Items</u>				
Composite items; Door and associated frame set; complete; 44mm thick single leaf flush solid core door; hardwood veneered finish; softwood door frame 100mm x 44mm thick; 18mm rebates; fixing frame to blockwork / studwork by plugging, countersinking, pelleting with concealed fixings; including intumescent strips; complete with ironmongery (measured separately), packers, trims, beads, slips, sealants, fixings and all necessary accessories; Paint finish measured elsewhere; all in accordance with the Architect's drawings,schedules and specifications.all reference Architects Drawings and schedules;				
<u>Door and frame set complete; Non Fire Rated; Single leaf; to include softwood glazed beads</u>				
Type 1; overall size 1,000mm x 2,100mm	5	nr		
Type 2; overall size 1,000mm x 2,100mm; FD30S; Pyro 30 insulated glass vision panel	10	nr		
<u>Door and frame set complete; 30-minute Fire Rated; Single leaf; to include softwood glazed beads</u>				
Type 2; overall size 1000 x 2100 mm;FD30S; Pyro 30 insulated glass vision panel	2	nr		
<u>WOODWORK: Boarding and second fixings</u>				

Ref: 2793

PD 35/1

To Collection €:

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(32) INTERNAL WALL, PARTITIONS COMPLETION</u>					
<u>(Continued)</u>					
80mm × 20mm splayed MDF architraves to both sides of internal door surrounds; mechanically fixed complete with all necessary fixings, preparation and making good; paint finish measured elsewhere; all in accordance with the Architect's drawings and specification					
<u>Architraves</u>					
A	for door type 1	52	m		
B	for door type 2	125	m		
<u>WOODWORK: Ironmongery, Accessories And Sundries</u>					
Ironmongery; supply and fix the following ironmongery including all necessary fixings; complete; all in strict accordance with the manufacturers instructions and the Architect's Specifications					
<u>Ironmongery; Non Fire Rated Doors and Fire Rated Doors</u> (please refer to door schedule)					
C	Frisco Stainless Steel Maintenance Free Self Lubricating Thrust Bearing Hinge to hEN1935 grade 4/7/6/1/1/4/0/14 and Certifire CF336; Ref: KH-14931R/SSS, or equal and approved	54	nr		
D	KCC Architectural Slimline Cam Action Slide Channel Door Closer to hEN1154 grade 3/8(4/2)1/1/3; Ref: KD-9200N/SSS, or equal and approved	20	nr		
E	Tigris Premium Patented Single Cylinder 45 to BS EN1303:2015 grade 1/6/0/B/0/C/6/C. Masterkeyed 2 Keys; Ref: KC-9501/MK2K/SNP, or equal and approved	18	nr		
F	KCC Floor Mounted Door Stop; Ref: KA-9501/SSS, or equal and approved	18	nr		
G	KCC Stainless Steel 304 Square Corner Kicking Plate. H150 x W900; Ref: KA-9710S/304/150X900/SSS, or equal and approved	32	nr		
Ref: 2793		PD 35/2		To Collection €:	

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(32) INTERNAL WALL, PARTITIONS COMPLETION</u>					
<u>(Continued)</u>					
A	KCC Grade 304 Stainless Steel 'Fire Door Keep Shut' Sign - White Text; Ref: KA-9200W/304/SSS, or equal and approved	24	nr		
B	Flexfire Fire Rated Graphite Based Intumescent Hingeplate Protector, 2mm, Black, Self Adhesive; Ref: KA-FS502R/BLK, or equal and approved	108	nr		
C	Fire Rated Graphite Based Intumescent Alloy 560 & 561 Lock Protector, 2mm, Black, Self Adhesive; Ref: KA-INT/GR560/65/2, or equal and approved	18	nr		
D	KCC Heavy Duty Modular Mortice Sashlock c/w Anti-Rattle Adjustable Strike Plate to hEN12209 grade 3 X 5 1 0 F 3 B C 2 0 and Certifire CF5234; Ref: KL-1901RAR/SSS, or equal and approved	10	nr		
E	Tigris Premium Patented Single & Turn Cylinder 3535 to BS EN1303:2015 grade 1/6/0/B/0/C/6/C. Masterkeyed 2 Keys; Ref: KC-9511/MK2K/SNP, or equal and approved	14	nr		
F	KCC Tubular Stainless Steel 304 19mm Unsprung Rose Lever Handle on Rose to BS EN1906:2012 grade 4/7-B/0/4/0/U; Ref: KF-2001/SSS, or equal and approved	15	sets		
G	KCC Stainless Steel 304 Euro Profile Escutcheon. 5mm; Ref: KF-2101/SSS, or equal and approved	20	nr		
H	KCC Heavy Duty Modular Bathroom Lock c/w Anti-Rattle Adjustable Strike Plate to hEN12209 grade 3 X 5 1 0 F-B G 2 0 and Certifire CF5234; Ref: KL-1904RAR/SSS, or equal and approved	4	nr		
J	KCC Stainless Steel 304 Standard Thumbturn & Indicator Release 6mm; Ref: KF-2110/SSS, or equal and approved	2	nr		
K	KCC Stainless Steel 304 Accessible Thumbturn & Release 60mm; Ref: KF-2111/SSS, or equal and approved	2	nr		
L	KCC Hat & Coat Hook; Ref: KA-9400/SSS, or equal and approved	4	nr		
M	KCC Grade 304 Stainless Steel Unisex Symbol; Ref: KA-9103/304/SSS, or equal and approved	4	nr		
Ref: 2793		PD 35/3		To Collection €:	

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(32) INTERNAL WALL, PARTITIONS COMPLETION</u>					
<u>(Continued)</u>					
A	KCC Stainless Steel 304 Square Corner Kicking Plate. H400 x W1000; Ref: KA-9710S/304/400X1000/SSS, or equal and approved	4	nr		
B	KCC Grade 304 Stainless Steel Accessible Symbol; Ref: KA-9102/304/SSS, or equal and approved	2	nr		
C	KCC Round Bar Pull Handle. Grade 304 Stainless Steel. A25 x B600 x C575 x D75. BT Fixing; Ref: KF-1378/12/304/SSS, or equal and approved	2	nr		
D	KCC Stainless Steel 304 Square Corner Finger Plate. W75 x L650; Ref: KA-9700S/304/75X650/SSS, or equal and approved	2	nr		
E	Solenoid Sash Lock, Euro Pierced; Ref: KEL-560-65/SSS, or equal and approved	2	nr		
F	Lever on Round Rose & Escutcheon set, for use with KEL-560, KEL-561. Set contains lever handles, 2 euro profile escutcheons and a blind rose; Ref: KEL-60-0319/SSS, or equal and approved	2	sets		
G	6M Connector Cable for use with electric locks; Ref: KEL-EA218/GRY, or equal and approved	2	nr		
H	KCC Boxed Power Supply Unit, 12VDC 1amp; Ref: KAC-PS1A-12VS/WHT, or equal and approved	2	nr		
J	KCC Concealed Mortice Fixing Armoured Door Loop; Ref: KEA-DL400/BCP, or equal and approved	2	nr		
K	19mm diameter solid SS cranked round bar KF-8304B - BB/700; Ref: KF-8304B-BB/700, or equal and approved	4	nr		
L	KCC PVC 'Push Bar To Open' Sign To BS5499 300mm x 40mm; Ref: KA-9220SA/WHTGRN, or equal and approved	4	nr		
M	KCC PVC 'Fire Exit Keep Clear' Sign To BS5499; Ref: KA-9221/BLU, or equal and approved	4	nr		
N	Dormakaba 9000 Series Touch Bar Panic Latch c/w Hex Key Dogging. Fits 1220mm wide door, can be cut to door 838mm wide on site; Ref: KE-9700AA/SSS, or equal and approved	2	nr		
Ref: 2793		PD 35/4		To Collection €:	

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(32) INTERNAL WALL, PARTITIONS COMPLETION</u>					
<u>(Continued)</u>					
A	Dormakaba 9000 Series Touch Bar Panic Bolt c/w Hex Key Dogging. Fits 1220mm wide door, can be cut to door 838mm wide on site; Ref: KE-9800AA/SSS, or equal and approved	2	nr		
B	Dormakaba 9000 Series Lever Operated Outside Access Device Key Removable Locked or Unlocked. Suits Euro Profile Cylinder; Ref: KE-ZT08630EP/SSS, or equal and approved	2	nr		
C	Rim mounted night latch with receiver and escutcheon Masterkeyed 2 Keys: Rim mounted night latch	4	nr		
D	External grade Heavy Duty Modular Mortice dead lock with rebate kit receiver: External grade heavy duty modular mortice deadlock	4	nr		
E	Finger pull: Finger pull	4	nr		
F	Assembly point aluminium c 600X450 printed type suitable for external use and galvanised steel pole height above ground 2.2 metres set in concrete base minimum depth 600 x 600 x 800 complete position to be agreed on site: Assembly point sign	1	nr		
<u>PAINTING AND DECORATING: Painting</u>					
Prepare surfaces; one coat primer, two finish coats; finish coat applied in strict accordance with the manufacturers instructions; RAL colour to be confirmed by the Architect.					
<u>To timber surfaces</u>					
G	Doors; exceeding 300mm wide; painted both sides	72	m2		
<u>Second fixing</u>					
H	frames; not exceeding 300mm wide	89	m		
J	architraves; not exceeding 300mm wide	177	m		
<u>ANY OTHER ITEMS</u>					
Quantity Adjustments					
Ref: 2793				PD 35/5	
				To Collection €:	

Pricing Document

Description	Qty	Unit	Rate	Total
			€	€
<u>(32) INTERNAL WALL, PARTITIONS COMPLETION</u> <u>(Continued)</u> <u>The Contractor to include here for any quantity adjustments necessary on any of the above items</u> A noid B noid C noid Any works deemed necessary to complete the work as indicated on the Architect's / Engineers drawings but not specifically identified and scheduled above <u>The Contractor shall describe and include here for any additional items in Qty Unit Rate format</u> A noid B noid C noid Total				
Ref: 2793 PD 35/6			To Collection €:	

[illegible]

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(35) SUSPENDED CEILING</u>					
<u>GENERALLY</u>					
The contractor should note the following					
<u>Notes</u>					
1. Refer to Architect's & Structural Engineer's Drawings & Specifications for full details			note		
<u>Floor, Wall and Ceiling Finishings: Suspended Ceilings</u>					
Suspended ceiling system to standard EN 13964 consisting of suspended click system; 595mm x 595mm x 24mm thick ceiling tiles with rebated edges to perimeter; white colour; to fit 600mm x 600mm grid geometry; suspension hangers 25mm x 25mm angle at 1200mm centres; 24mm wide T-profile ceiling grid with A24 edge detail; complete with 38mm high main runners / cross tees and all necessary accessories; All grid components made of galvanised steel with a smooth, white surface as per Architects Drawings and specification					
<u>Ceilings</u>					
A	depth of suspension height exceeding 500mm and not exceeding 1000mm	220	m2		
<u>ANY OTHER ITEMS</u>					
Quantity Adjustments					
<u>The Contractor to include here for any quantity adjustments necessary on any of the above items</u>					
A	.....		noid		
B	.....		noid		
C	.....		noid		
Any works deemed necessary to complete the work as indicated on the Architect's / Engineers drawings but not specifically identified and scheduled above					
Ref: 2793		PD 36/1		To Collection €:	

[illegible]

**Brennan
Associates**

Description	Qty	Unit	Rate	Total
(35) SUSPENDED CEILING (Continued) COLLECTION PD 36/1: PD 36/2: (35) SUSPENDED CEILING Carried to Summary:			€	€

**Brennan
Associates**

Description	Qty	Unit	Rate	Total
			€	€
<u>(37) ROOF COMPLETIONS</u>				
<u>GENERALLY</u>				
The Contractor should note the following				
<u>Notes</u>				
<u>METALWORK: Non Structural</u>				
<u>Framed rooflight by VELUX or similar; complete with</u> <u>aluminum soaker; Double glazed flat window (following roof</u> <u>profile) with laminated inner pane and toughened outer pane</u> <u>for additional safety; composite twin skin aluminium insulated</u> <u>frame with proprietary insulated metal kerb and upstand with</u> <u>internal rigid insulation designed for trapezoidal deck;</u> <u>thermally broken aluminium; extruded sections with integral</u> <u>wrap-over edge filled with insulation, Fill between frame and</u> <u>reveal with Polyurethane (PUR) expanding foam fillers and</u> <u>Intumescent foam fillers; U-value (maximum): 1.2</u> <u>W/m²·K(including kerb and upstand), Air permeability: ≤ 3</u> <u>m³/hr/m² @ 50 Pa; Upstand minimum 300mm high above</u> <u>roof profile; all fixed to Roof Multibeam and trimmers</u> <u>(measured elsewhere) ; Unbroken EPDM to prevent water</u> <u>ingress; integrated drainage channels; installations must be</u> <u>wind and watertight under all conditions with full allowance</u> <u>made for deflections and other movements; all associated</u> <u>ironmongery; Internal visible surfaces factory painted white;</u> <u>all installed as per manufactures instructions; all as per</u> <u>Architects drawing and specification for more details</u>				
size: 1,200mm x1,200mm; roof light	2	nr		
size: 600mm x 600mm; roof light	1	nr		

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(37) ROOF COMPLETIONS (Continued)</u>					
<u>Guided type fall arrest systems Premium Guided Anchor Line; 8mm Stainless steel cable, Anti-Pendulum Anchors to prevent swing-fall; Galvanised tensioner assembly posts fitted to new trapezoidal roof with chemical type anchors mechanically fixed, Mild steel hot dip galvanized to BS 7371-6; minimum anchor fixings load of 12kn; continuous at all intermediate and corner brackets; System to be installed and tested in accordance with the BS 7883 and EN 795 by the system manufacturer or a contractor approved by the system manufacturer; Severe wind loading; including the supply of 4nr Proprietary Full Body Harnesses, 4nr Proprietary Standard 2m shock absorbing lanyards, 4nr Proprietary 10m Rope & Grabs, 4nr Proprietary Cable Shuttles; all in accordance with Architect's specification</u>			head4		
A	Main Roof; overall perimeter length: 156m	1	Item		
<u>ANY OTHER ITEMS</u>					
Quantity Adjustments					
<u>The Contractor to include here for any quantity adjustments necessary on any of the above items</u>			item		
A	.....		noid		
B	.....		noid		
C	.....		noid		
Any works deemed necessary to complete the work as indicated on the Architect's / Engineers drawings but not specifically identified and scheduled above					
<u>The Contractor shall describe and include here for any additional items in Qty Unit Rate format</u>					
A	.....		noid		
B	.....		noid		
C	.....		noid		
Total					
Ref: 2793		PD 37/2		To Collection €:	

[illegible]

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(41) WALL FINISHES EXTERNALLY</u>					
<u>GENERALLY</u>					
The Contractor should note the following					
<u>Notes</u>					
Refer to Architect's / Civil & Structural / Building Service Engineer's Drawings & Specifications for full details			note		
Metal angle beads, stop beads and lathing at junctions of differing backgrounds are deemed to be included			note		
<u>Floor, Wall and Ceiling Finishings: Finishings</u>					
Plaster Finish to External Cavity Wall Outer Leaf; Cement sand plaster/render finish shall be applied to the external cavity wall outer leaf; 3nr coats; Coat 1: 3-5mm thickness. - 1: 4 of Cement: Sharp Sand, include for a waterproof agent Sika or similar, Coat 2: 10-14mm thickness - Scratch Coat the mix ratio is 1: 5 of Cement: Plastering Sand with plasticiser Coat 3: 10-14mm thickness - Knapp Finish Coat - 1: 6 of Cement to Plastering Sand. All surface preparation, backing and finishing coats, beads, jointing, curing, and ancillary works shall be included in accordance with the drawings, specifications, and manufacturer's recommendations.					
<u>Walls</u>					
A	Exceeding 300mm wide	333	m2		
<u>ANY OTHER ITEMS</u>					
Quantity Adjustments					
<u>The Contractor to include here for any quantity adjustments necessary on any of the above items</u>					
	A		noid		
	B		noid		
	C		noid		
Ref: 2793		PD 38/1		To Collection €:	

Pricing Document

Description	Qty	Unit	Rate	Total
			€	€
<u>(41) WALL FINISHES EXTERNALLY (Continued)</u>				
Any works deemed necessary to complete the work as indicated on the Architect's / Engineers drawings but not specifically identified and scheduled above				
<u>The Contractor shall describe and include here for any additional items in Qty Unit Rate format</u>				
A		noid		
B		noid		
C		noid		
Total				

[illegible]

Description	Qty	Unit	Rate	Total
			€	€
<u>(42) WALL FINISHES INTERNALLY</u>				
<u>GENERALLY</u>				
The Contractor should note the following				
<u>Notes</u>				
Refer to Architect's & Structural Engineer's Drawings & Specifications for full details		note		
<u>Floor, Wall and Ceiling Finishings: Finishings</u>				
Skim coat/plastering; Prepare and apply approximately 2-3 mm thick gypsum type skimmed plaster finish on both sides; to all walls as per specification.				
<u>Walls</u>				
Skim coat; exceeding 300mm wide	829	m2		
<u>Reveals</u>				
Skim coat; not exceeding 300mm wide	83	m		
<u>Floor, Wall and Ceiling Finishings: Tile, Slab and Mosaic Finishes</u>				
Ceramic wall tiles, Metro tile finish, size and colour to be confirmed, fixed with approved adhesive and grouted in accordance with the manufacturer's recommendations, complete, in accordance with drawing P22-034-BA-T-028/029/030.				
<u>Walls</u>				
Width exceeding 300mm; up to 2100mm high	9	m2		
<u>Sundries</u>				
Edge trim; girth not exceeding 150mm	9	m		
<u>Glazing</u>				

Ref: 2793

PD 39/1

To Collection €:

Description	Qty	Unit	Rate	Total
			€	€
<u>(42) WALL FINISHES INTERNALLY (Continued)</u>				
Splash back; 6mm toughened glass; comply with EN 12600 with factory applied heat resistant paint; moisture and UV resistant, non-fading; machine polished edges, 90-degree finish, making the glass visually appealing and safe to touch; Arrised (to remove sharpness): The perimeter edges of glass are to feature a tiny 45-degree chamfer; corners are to be curved or rounded as per the specification.				
<u>Glazing</u>				
Exceeding 4 m2; up to 600mm high	5	m2		
Not exceeding 4 m2; up to 790mm high	1	m2		
Not exceeding 4 m2; up to 950mm high	3	m2		
Not exceeding 4 m2; up to 1000mm high	2	m2		
<u>Painting and Decorating: Painting</u>				
Prepare and apply of paint ; Matte vinyl emulsion paint; allow 3 no of coats: colours to be confirmed with architect on site: as per specification.				
<u>Walls</u>				
Girth exceeding 300 mm; up to 2800mm high	638	m2		
<u>Reveals</u>				
Girth not exceeding 300mm wide	83	m		
<u>ANY OTHER ITEMS</u>				
Quantity Adjustments				
<u>The Contractor to include here for any quantity adjustments necessary on any of the above items</u>				
A		noid		
B		noid		
C		noid		

Pricing Document

Description	Qty	Unit	Rate	Total
			€	€
<u>(42) WALL FINISHES INTERNALLY (Continued)</u>				
Any works deemed necessary to complete the work as indicated on the Architect's / Engineers drawings but not specifically identified and scheduled above				
<u>The Contractor shall describe and include here for any additional items in Qty Unit Rate format</u>				
A		noid		
B		noid		
C		noid		
Total				

Description	Qty	Unit	Rate	Total
(42) WALL FINISHES INTERNALLY (Continued)			€	€
COLLECTION				
PD 39/1:				
PD 39/2:				
PD 39/3:				
(42) WALL FINISHES INTERNALLY				
Carried to Summary:				
Ref: 2793 PD 39/4				

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(43) FLOOR FINISHES</u>					
<u>GENERALLY</u>					
The Contractor should note the following					
<u>Notes</u>					
Refer to Architect's & Structural Engineer's Drawings & Specifications for full details					
<u>Woodwork, Boarding and second fixings</u>					
MDF skirting; 20mm thick; paint finish (measured separately); all as per Catalyst BO'D scope specification details.					
<u>Second fixings</u>					
A	skirting; 150mm high	204	m		
<u>FLOOR, WALL AND CEILING FINISHINGS: Finishings</u>					
<u>IN SITU FINISHES</u>					
Achieving required moisture content in new concrete floors prior to laying floor finish; in preparation for new floor finishes; compatible with respective floor finish; Moisture suppressing DPM to be poured on concrete floor in preparation for new floor finishes; all in accordance with the Manufacturers Instructions and Architects Specifications					
<u>Moisture suppressing DPM</u>					
B	under marmoleum	129	m2		
C	under carpet tiles	90	m2		
D	under anti-slip mattwell	3	m2		
Levelling compound or equal approved; in preparation for new floor finishes; compatible with respective floor finish; to be poured on concrete floor in preparation for new floor finishes; primed with primer, poured in accordance with the Manufacturers Instructions and Architects Specifications					
Ref: 2793		PD 40/1		To Collection €:	

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(43) FLOOR FINISHES (Continued)</u>					
<u>Concrete Floors</u>					
A	At contractors discretion; under marmoleum	1	Item		
B	At contractors discretion; under carpet tiles	1	Item		
C	At contractors discretion; under anti-slip mattwell	1	Item		
<u>Floor, wall and ceiling finishes: Finishings</u>					
Supply and install approved 2mm thick heavy-duty industrial-grade R10 slip-resistant (marmoleum 01) flooring with 0.7mm wear layer, pure plasticised PVC wear layer with PUR pearl textured surface, quartz/carborundum particles for sustainable slip resistance, Class 34/43 - with 2mm thick sheet (2000mm width); Group T wear rating, complying with EN 16165 Annex B (R10) and HSE recommendations. Flooring to be low maintenance, durable, suitable for wet and high-traffic areas; with backing containing minimum 50% recycled content and manufactured under ISO 14001 environmental standards. Prepare substrate as required, including leveling compound; reno 2 coat epoxy primer and moisture barrier where necessary; Install using Eurocol 540 adhesive or equal and approved; complete with welded joints and all accessories; with 150mm self-coved skirting allow for cove former 38mm radius tapered to architraves(180mm H for the stairs). Colour / Pattern to be approved by architect and fitted as per drawings & spec. in accordance with manufacturer's recommendations refer spec: Catalyst BO'D scope					
<u>Floors</u>					
D	exceeding 300mm wide	84	m2		
<u>Skirtings</u>					
E	girth not exceeding 150mm	92	m		
Ref: 2793				PD 40/2	
				To Collection €:	

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(43) FLOOR FINISHES (Continued)</u>					
Supply and install approved 2mm thick heavy-duty industrial-grade R10 slip-resistant (marmoleum 02) flooring with 0.7mm wear layer, pure plasticised PVC wear layer with PUR pearl textured surface, quartz/carborundum particles for sustainable slip resistance, Class 34/43 - with 2mm thick sheet (2000mm width); Group T wear rating, complying with EN 16165 Annex B (R10) and HSE recommendations. Flooring to be low maintenance, durable, suitable for wet and high-traffic areas; with backing containing minimum 50% recycled content and manufactured under ISO 14001 environmental standards. Prepare substrate as required, including leveling compound; reno 2 coat epoxy primer and moisture barrier where necessary; Install using Eurocol 540 adhesive or equal and approved; complete with welded joints and all accessories; with 150mm self-coved skirting allow for cove former 38mm radius tapered to architraves; Colour / Pattern to be approved by architect and fitted as per drawings & spec. in accordance with manufacturer's recommendations refer spec: Catalyst BO'D scope <u>Floors</u>					
A	exceeding 300mm wide	25	m2		
<u>Skirtings</u>					
B	girth not exceeding 150mm	28	m		
Ref: 2793		PD 40/3		To Collection €:	

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(43) FLOOR FINISHES (Continued)</u>					
Supply and install approved 2.0mm thick R12 slip-resistant heterogeneous PVC sheet (marmoleum 03) flooring complying with BS EN ISO 10582, BS EN 13845, EN 16165 Annex B (R12) and BS EN 685 / ISO 10874 Class 34/43. Flooring shall provide durable slip resistance with Wet Pendulum Test Value ≥ 36 and surface roughness ≥ 20 microns, suitable for heavy-duty commercial and industrial applications. Install using Euracol 540 Eurosafe special, Eurocol 640 Eurostar Special, Eurocol 140 Euromix PU, Eurocol 233 Eurosol Contact; manufacturer-approved adhesive systems and complete with grooved, heat-welded joints using matching weld rods; as clause 820 omitting polish finish; with 150mm self coved skirting. Colour and pattern shall be selected and approved by the Architect. Including accessories and all associated works in accordance with manufacturer's recommendations refer spec: Catalyst BO'D scope <u>Floors</u>					
A	exceeding 300mm wide	21	m2		
<u>Skirtings</u>					
B	girth not exceeding 150mm	32	m		
Supply and install approved heavy-duty recessed entrance matting system complete with scraper bars and ECONYL® (or equal approved) inserts with rigid PVC scrapers, designed to effectively remove dirt and moisture from foot traffic. Matting shall be minimum 22mm thick, UV resistant, and suitable for recessed installation within finished concrete floor recesses. System shall comply with EN 13501-1 and EN 1307 requirements. including all accessories and fittings in accordance with manufacturer's recommendations refer spec: Catalyst BO'D scope <u>Floors</u>					
Ref: 2793		PD 40/4		To Collection €:	

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(43) FLOOR FINISHES (Continued)</u>					
A	exceeding 300mm wide (2nr) Supply and install approved Class 33 heavy commercial-use carpet tiles, 500mm x 500mm, solution-dyed and suitable for high-traffic areas, complete with approved tackifier adhesive in accordance with the manufacturer's recommendations refer spec: Catalyst BO'D scope <u>Floors</u>	3	m2		
B	exceeding 300mm wide Supply and install extruded aluminium (anodised), stainless steel transition strip suitable for heavy-duty office use; 55mm wide; satin finish; at all internal door openings between Marmoleum (or equivalent) sheet flooring and carpet finishes; Z profile, cover strip or reducer as required; Transition strips to be positioned centrally under door leaf; Fixed securely using concealed mechanical fixings or proprietary clip system; Cut and fit accurately to achieve tight, straight junctions; including all necessary sealing and accessories; as per Architects specifications; refer spec: Catalyst BO'D scope <u>Sundries</u>	90	m2		
C	Transition strip between marmoleum floor and carpet tile floor Supply and install External door threshold; including all accessories and fittings; as per engineer's specifications <u>Sundries</u>	4	m		
D	100mm wide door threshold Supply and install edge trim, securely bonded with approved adhesive and finished with hot-welded joints. Colour to match flooring and installation as per engineer's specifications	12	m		

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(43) FLOOR FINISHES (Continued)</u>					
<u>Sundries</u>					
A	Top edge trim	39	m		
Supply and install captile strip, securely bonded with approved adhesive and finished with hot-welded joints. Colour to match flooring and installation as per engineer's specifications					
<u>Sundries</u>					
B	TC48 captile strip	4	m		
Supply and install PVC capping, securely bonded with approved adhesive and finished with hot-welded joints. Colour to match flooring and installation as per engineer's specifications					
<u>Sundries</u>					
C	HCS48 PVC capping	28	m		
<u>Painting and decorating: Painting</u>					
Supply and apply approved two-pack epoxy resin anti-slip Matt floor coating; comprising a heavy-duty industrial-grade coarse textured finish providing enhanced slip resistance and durability. Coating shall be CE marked and tested for slip resistance, abrasion, scratch, impact resistance, adhesion and hardness; with good chemical resistance and A+ VOC emissions rating. Apply by medium-pile roller with brush application at perimeters and edges as required. Colour to be confirmed by architect; including all accessories and fittings in accordance with manufacturer's recommendations refer spec: Catalyst BO'D scope					
<u>Floors</u>					
D	exceeding 300mm wide	501	m2		
MDF skirting; 3 coats of paint finish; in accordance with manufacturer's recommendations refer spec: Catalyst BO'D scope					



Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(43) FLOOR FINISHES (Continued)</u>					
A	<u>Second fixings</u>				
	skirting; girth not exceeding 300mm	204	m		
	<u>ANY OTHER ITEMS</u>				
	Quantity Adjustments				
<u>The Contractor to include here for any quantity adjustments necessary on any of the above items</u>					
	A		noid		
	B		noid		
	C		noid		
Any works deemed necessary to complete the work as indicated on the Architect's / Engineers drawings but not specifically identified and scheduled above					
<u>The Contractor shall describe and include here for any additional items in Qty Unit Rate format</u>					
	A		noid		
	B		noid		
	C		noid		
Total					

--

**Brennan
Associates**

[illegible]

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(47) ROOF FINISHES</u>					
<u>GENERALLY</u>					
The Contractor should note the following					
<u>Notes</u>					
Refer to Architect's / Building Service Engineer's Drawings & Specifications for full details			note		
<u>ROOFING, CLADDING & WATERPROOFING: Mastic Asphalt, Viscous Liquid Coatings, Waterproof and Gas Proof Non-Metal Flexible Sheet Coverings</u>					
Composite cladding system ; "Kingspan QuadCore Topdek Roof Panel," or equal approved pre finished PVC single ply membrane; cladding with trapezoidal steel bottom layer; panel system to have a Thermal Conductivity (λ) of 0.019 W/m.K; Colour to later selection ; pattern and width as per Architects drawings; cladding panel system fixed to proprietary purlins (measured separately); 118mm PIR composite insulation; complete with all associated top hats to indicated colours, fillers, vapour control waterproof membranes, sealants, fasteners, etc. as required; Installation to be suitable for near flat and pitched roofs above 1:80 (0.72°) after deflection. Certified to Broof(t4) to BS EN 13501-5: 2016, 0.14. U-value (W/m2K) Airtightness: 3 m3/hr/m2 at 50Pa or less. Air tightness tests and certs will be required; fitted around openings in strict accordance with supplier's detail's and specifications; all as per the Architects Specification and Performance Specification					
<u>Horizontal</u>					
A	Sloping exceeding 5 degrees not exceeding 15 degrees; width exceeding 300mm	253	m2		
B	Extra over for; forming opes for rooflights; overall size 1,030mm x 1,050mm; flashings, counter flashings and rooflight measured elsewhere	3	nr		
<u>Lining to outlets</u>					
Ref: 2793		PD 41/1		To Collection €:	

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(47) ROOF FINISHES (Continued)</u>					
A	Dressing to working around rainwater 100mm diameter outlets; Membrane Disk fixed each side with Self-drilling self-tapping counter sunk raised head high thread fasten	10	nr		
Holes; forming holes in roof panel system for services passing through; air ducts / soil and vent pipes/ electrical services to AC, solar panels etc; to include flashing kits; making good on completion; Refer to Architects and Building Services Engineers Details and specifications					
<u>Sundries</u>					
B	girth not exceeding 0.50m	10	nr		
<u>ROOFING, CLADDING & WATERPROOFING: Rigid Sheet Coverings and Decking</u>					
118mm thick PIR insulated roof panel system to Class O BS 476 Part 6:2009 and compliant with the requirements of LPS 1181:2005: Part 1: Issue1.1 ceiling ling tests by the LPCB certified to LPS 1181 Grade EXT -B: mechanically fixed to elsewhere measured 175 x 65mm galvanized steel purlins at 1,500mm centers and mechanically fixed to elsewhere measured steel rafter beams fixed to concrete band beams; allow for full supply and fit to fully complete roof; allow for forming of parapets, internal gutters, gutters; allow for all associated linings and flashings; allow some elements of roof structure to be cut on site; including fishtail lugs tacked onto steel; to be installed in accordance with engineers detailed drawings and specification; Roof decking systems to achieve BROOF(t4) classification in accordance with EN 13501-5. Roof panelling to have a Thermal Conductivity (λ) of 0.019 W/m.K; including all fixing, fittings and accessories; to be installed in accordance with Engineers and Architects detailed drawings and specification					
<u>Roof Coverings, sloping</u>					

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(47) ROOF FINISHES (Continued)</u>					
A	Sloping exceeding 5 degrees not exceeding 15 degrees; width exceeding 300mm Membrane Lined Insulated Gutter; Kingspan Insulated Panels, 50 mm Core Thickness); Size (nominal): 500 mm wide x 150mm deep min; Upper skin Steel to BS EN 10346; Inner Liner Steel to BS EN 10346; Polyester powder coated finish; 50mm thick Polyisocyanurate foam (PIR); Factory applied Reinforced Polyvinyl Chloride (PVC) membrane; including all underlays, vapour barriers, frames and connection fittings as necessary to complete installations etc.; all installations in accordance with the manufacturers instructions; as per Architects specification associated with the cladding <u>Gutter</u>	530	m2		
B	girth exceeding 450mm not exceeding 600mm <u>Extra over for</u>	25	m		
C	Stop ends	2	nr		
D	sealing and weathering gutter with roof parapet including 50mm vertical Polyisocyanurate foam (PIR) insulation as necessary; extend Reinforced Polyvinyl Chloride (PVC) membrane to inner face of parapet from top of gutter to underside of Parapet; girth 450 to 600mm	25	m		
E	Connection of gutter outlets to rainwater pipe as per Architects details and specifications	2	nr		
Ref: 2793		PD 41/3		To Collection €:	

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(47) ROOF FINISHES (Continued)</u>					
Rainwater outlets and gratings; forming recess and weather outlet with PVC membrane finish as necessary; proprietary Roofing Manufacturers Insulated Vertical Outlet; connection flange; Product size/ reference: 100 mm to fit 110 mm pipework; uPVC "O" ring socketed soil grade pipe; provide grate/ fittings supplied with a tough polyamide leaf guard; Insulation Extension: Roofing Manufacturer approved extension pieces to be used where required. Extension units to be mechanically fixed; to be compatible with roofing system including all accessories and sealing; with pre attached flange and dome gratings; including flashing and lining to outlet through the gutter; all in accordance with the manufacturer's instructions and Architects specifications; refer to Architects drawings for further details and requirements <u>Rainwater outlets and gratings</u>					
A	outlets; 100mm diameter	4	nr		
Holes; forming holes in roof panel system for services passing through; air ducts / soil and vent pipes/ electrical services to AC, solar panels etc; to include flashing kits; making good on completion; Refer to Architects and Building Services Engineers Details and specifications <u>Service Openings</u>					
B	girth not exceeding 0.50m	10	nr		
<u>ROOFING, CLADDING & WATERPROOFING: Flexible Sheet Metal Coverings</u> Vergé Flashing; Mechanically fixed and sealed to roof and extended to underside of wall capping; to wall abutment including 60mm thick x 150mm high insulation - gable wall; Z flashing to provide support and seal to flashing; aluminium flashing to upstand including 1 nr. bends					
Ref: 2793		PD 41/4		To Collection €:	

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(47) ROOF FINISHES (Continued)</u>					
A	<u>Verge Flashing</u>				
	girth 450mm to 600mm; raking	50	m		
	Insulated panel roof Apron flashing: bends - 3; 3mm aluminium flashing polyester powder coated to selected RAL colour; apron flashing fixed at 400mm ctrs with 150mm sealed butt straps, bedded on 20 x3mm butyl rubber sealant; stitching screws with min 14mm dia. non-ferrous EPDM backed washer fitted at max 400mm ctrs; including side joint filler bedded on gun grade sealant; gun grade seal at panel joint inline with internal air seal; including site applied LPCB certified PIR insulation board to gap at ridge; including internal ridge flashing with 150mm overlap sealed with film backed butyl tape or gun grade sealant; including all associated stiffening angles, insect mesh, sprocket piece, fixings, taping, bonding, sealing and the like to complete; all as per manufacturer's instructions "				
	<u>Apron Flashing</u>				
B	girth 450mm to 600mm; raking	67	m		
C	girth 450mm to 600mm; raking	44	m		
D	girth 450mm to 600mm; horizontal	42	m		
Ref: 2793		PD 41/5		To Collection €:	

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(47) ROOF FINISHES (Continued)</u>					
Insulated panel roof eaves capping: bends - 3; 3mm aluminium flashing polyester powder coated to selected RAL colour; eaves flashing fixed at 400mm ctrs with 150mm sealed butt straps, bedded on 20 x3mm butyl rubber sealant; stitching screws with min 14mm dia. non-ferrous EPDM backed washer fitted at max 400mm ctrs; including side joint filler bedded on gun grade sealant; gun grade seal at panel joint inline with internal air seal; including site applied LPCB certified PIR insulation board to gap at ridge; including internal ridge flashing with 150mm overlap sealed with film backed butyl tape or gun grade sealant; including all associated stiffening angles, insect mesh, sprocket piece, fixings, taping, bonding, sealing and the like to complete; all as per manufacturer's instructions " <u>Eaves Capping</u>					
A	girth 300mm - 450mm; Raking	50	m		
Insulated parapet capping; inward sloping to top edge; Capping's; 2mm thick pressed metal capping folded to match profile colour to later selection; all in accordance with the Architect's Details and Specifications; profile powder coated to colour match with wall panel system; low profile stitching screws with minimum 14mm diameter non-ferrous EPDM washer at 450mm centers; sloping 75mm to 50mm PIR Insulation to parapet capping; including all fixing, fittings and accessories; refer to Architects drawings and specifications <u>Cappings</u>					
B	Horizontal; girth: exceeding 300mm not exceeding 450mm	23	m		
Ref: 2793		PD 41/6		To Collection €:	

**Brennan
Associates**

Description	Qty	Unit	Rate	Total
			€	€
<u>(47) ROOF FINISHES (Continued)</u>				
Insulated panel roof ridge capping: girth 500mm; ridge flashing; bends - 1; 3mm aluminium flashing polyester powder coated to selected RAL colour; ridge flashing fixed at 400mm ctrs with 150mm sealed butt straps, bedded on 20 x3mm butyl rubber sealant; stitching screws with min 14mm dia. non-ferrous EPDM backed washer fitted at max 400mm ctrs; including side joint filler bedded on gun grade sealant; gun grade seal at panel joint inline with internal air seal; including site applied LPCB certified PIR insulation board to gap at ridge; including internal ridge flashing with 150mm overlap sealed with film backed butyl tape or gun grade sealant; including all associated stiffening angles, insect mesh, sprocket piece, fixings, taping, bonding, sealing and the like to complete; all as per manufacturer's instructions " <u>Ridge Capping</u> ridge capping; girth exceeding 450mm not exceeding 600mm Sundries Allow item for Testing & Commissioning for new roof Lining to outlets Dressing to working around rainwater 100mm diameter outlets; Membrane Disk fixed each side with Self-drilling self-tapping counter sunk raised head high thread fasten. <u>DRAINAGE: Disposal above Ground</u>	25	m		
	1	item		
	10	nr		
Ref: 2793 PD 41/7 To Collection €:				

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(47) ROOF FINISHES (Continued)</u>					
Gutters; 3mm thick; Kingspan Highline Gutter or equivalent and approved; pre-finished aluminium folded gutter system; polyester powder coated to selected RAL colour; fixed to and including gutter support arms at 666mm ctrs and 20mm x 3mm butyl rubber located to underside of gutter support arm; stitching screws with min 14mm dia. non-ferrous EPDM backed washer fitted 6 number per arm; including all aluminium tie straps, brackets, leaf guards, clips, gun applied sealants; all associated angles and flashings					
<u>Gutters</u>					
A	200 x 175mm section size; main roof	25	m		
<u>Extra over for</u>					
B	forming holes in gutter for downpipes	3	nr		
C	Stop ends	2	nr		
<u>Gutters</u>					
D	200 x 175mm section size; lower roofs	44	m		
<u>Extra over for</u>					
E	forming holes in gutter for downpipes	3	nr		
F	Stop ends	2	nr		
<u>ANY OTHER ITEMS</u>					
Quantity Adjustments					
<u>The Contractor to include here for any quantity adjustments necessary on any of the above items</u>			item		
A					
B					
C					
Any works deemed necessary to complete the work as indicated on the Architect's / Engineers drawings but not specifically identified and scheduled above					
Ref: 2793		PD 41/8		To Collection €:	

[illegible]

Description	Qty	Unit	Rate	Total
(47) ROOF FINISHES (Continued)			€	€
COLLECTION				
PD 41/1:				
PD 41/2:				
PD 41/3:				
PD 41/4:				
PD 41/5:				
PD 41/6:				
PD 41/7:				
PD 41/8:				
PD 41/9:				
(47) ROOF FINISHES				
Carried to Summary:				
Ref: 2793 PD 41/10				

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(52) DRAINAGE</u>					
<u>GENERALLY</u>					
The Contractor should note the following					
<u>Notes</u>					
1. Refer to Architect's & Structural Engineer's Drawings & Specifications for full details					
<u>DRAINAGE: Above Ground</u>					
Diameter (size to be confirm); at base to connect to 300x300 cast Aluminum or stainless steel grill to entrapped gully; refer drawing no: P22-034/T-012; specification: Catalyst BO'D Scope Spec					
<u>Disposal Above Ground</u>					
Rainwater outlets					
A	generally	10	nr		
Rainwater downpipes; to comprise 3mm powder coated Aluminum; cross sectional area 250x120mm; complete with saddle strap mechanical connections of the same 2mm material; strap width 50mm; complete with brackets, offsets, shoes, and all necessary fittings and fixings, installed to external walls in accordance with Architects drawings and Specification					
<u>Pipes</u>					
B	rectangular; 250 x 120mm; vertical	47	m		
<u>Extra over pipes on which they occur for</u>					
C	2 bends	20	nr		
<u>Pipework Ancillaries</u>					
D	downpipes shoes	10	nr		
E	connecting down pipe gutter outlet	8	nr		
Pipework ancillaries					
Ref: 2793		PD 42/1		To Collection €:	

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(52) DRAINAGE (Continued)</u>					
<u>Aluminium Hopper; Bespoke pressed metal conductor head to selected RAL colour; to fit 110mm diameter pipe; including all fixings; all in accordance with the Architects drawings and Specifications</u>					
A	To suit roof outlet; Complete	2	nr		
<u>ANY OTHER ITEMS</u>					
Quantity Adjustments					
<u>The Contractor to include here for any quantity adjustments necessary on any of the above items</u>			item		
A					
B					
C					
Any works deemed necessary to complete the work as indicated on the Architect's / Engineers drawings but not specifically identified and scheduled above					
<u>The Contractor shall describe and include here for any additional items in Qty Unit Rate format</u>					
A					
B					
C					
Total					
Ref: 2793		PD 42/2		To Collection €:	

[illegible]

**Brennan
Associates**

Description	Qty	Unit	Rate	Total
			€	€
<u>(59) BUILDING SERVICES (MAINLY PIPED AND DUCTED)</u> <u>GENERALLY</u> The Contractor should note the following <u>Notes</u> 1. Refer to Architect's / Civil & Structural / Building Service Engineer's Drawings & Specifications for full details. 2. Notwithstanding that this Pricing Document is measured in accordance with the Agreed Rules of Measurement 5, the following element is not measured in accordance with ARM5. Tenderers shall refer to agreed Rules of Measurement 4 supplement 2 for guidance on the below measurements; The Mechanical design packages are to be priced in accordance with the Contract Specifications and drawings as prepared by the Building Services Engineer (RMCE). All relevant services co-ordination should be included. <u>MECHANICAL INSTALLATIONS: Generally</u> Mechanical Services Installations; all as detailed & described in the Building Services Engineer's Drawings & Specifications; total brought forward from the Mechanical Services Installations Tender Breakdown as included within the Building Services Engineer's Tender Documents and appended to this schedule of Rates (Appendix A); complete <u>Mechanical Installations</u> total for Mechanical Installations; Brought Forward from Appendix A <u>BUILDERS WORK</u> <u>MECHANICAL INSTALLATIONS: Sundries and Builders Work</u> <u>Notes</u>		note note		

Ref: 2793

PD 43/1

To Collection €:

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(59) BUILDING SERVICES (MAINLY PIPED AND DUCTED) (Continued)</u>					
Filling and sealing voids around pipework, ductwork etc. shall achieve a decibel rating equivalent to the structure in which the ope is formed. The filling and sealing shall finish neatly flush with the structure and finishes on both face.					
Fire seal opes shall include for all works included in Architect's Specification; intumescent compound for sealing around service members on both faces to provide a 1 hour period of fire resistance. The Fire seal is to finish neatly flush with the structure and finishes on both faces. This specification applies to all sections of the Bill of Quantities.					
Rates are to allow for making good in all trades complete.					
Holes, mortices, chases and the like; Forming or cutting holes; making good structure and finishes, sealing around ope including fire-stopping, flashings, temporary protection works, weathering, disposal of segregated material off site, etc. as required; complete					
<u>Forming Opes; blockwork structure complete including flashings airtight seals; firestopping etc</u>					
A	For Pipe not exceeding 55mm girth (50mm); circular	55	nr		
B	For Pipe exceeding 110mm girth (150mm); circular	8	nr		
C	For Pipe exceeding 110mm girth (150mm); circular	25	nr		
<u>Fireproofing</u>					
<u>Fireproofing; intumescent pipe wrap, Fire batt and mastic to cable containment; to same standard and integrity as fire rating of respective fire compartment / structure; all as detailed on Architects drawing;</u>					
D	For Pipe not exceeding 55mm girth (50mm); circular	55	nr		
E	For Pipe exceeding 110mm girth (150mm); circular	8	nr		
F	For Pipe exceeding 110mm girth (150mm); circular	25	nr		
Attendances			head3		
<u>Special Attendances to Mechanical Contractor</u>			head4		

**Brennan
Associates**

Description	Qty	Unit	Rate	Total
			€	€
<u>(59) BUILDING SERVICES (MAINLY PIPED AND DUCTED) (Continued)</u> Use of crain for installation of mechanical equipment at high level externally. Use of Scaffolding; these shall be provided by the Main Contractor. <u>Lifting and Hoisting</u> Condensing units (50kg) 600mm x 400mm x 300mm LWH Pipes 16mm - 32mm	1	item		
	3	nr		
	200	m		
<u>ANY OTHER ITEMS</u>		head2		
Quantity Adjustments		head3		
<u>The Contractor to include here for any quantity adjustments necessary on any of the above items</u>		head4		
A		noid		
B		noid		
C		noid		
Any works deemed necessary to complete the work as indicated on the Architect's / Engineers drawings but not specifically identified and scheduled above		head3		
<u>The Contractor shall describe and include here for any additional items in Qty Unit Rate format</u>		head4		
A		noid		
B		noid		
C		noid		

Description	Qty	Unit	Rate	Total
			€	€
<u>(59) BUILDING SERVICES (MAINLY PIPED AND DUCTED) (Continued)</u> COLLECTION PD 43/1: PD 43/2: PD 43/3: (59) BUILDING SERVICES (MAINLY PIPED AND DUCTED) Carried to Summary:				

Ref: 2793

PD 43/4

Pricing Document

Description	Qty	Unit	Rate	Total
			€	€
<u>(69) BUILDING SERVICES (MAINLY ELECTRICAL)</u> <u>GENERALLY</u> The Contractor should note the following <u>Notes</u> 1. Refer to Architect's / Civil & Structural / Building Service Engineer's Drawings & Specifications for full details. 2. Notwithstanding that this Pricing Document is measured in accordance with the Agreed Rules of Measurement 5, the following element is not measured in accordance with ARM5. Tenderers shall refer to agreed Rules of Measurement 4 supplement 2 for guidance on the below measurements; The Electrical design packages are to be priced in accordance with the Contract Specifications and drawings as prepared by the Building Services Engineer (RMCE). All relevant services co-ordination should be included. <u>ELECTRICAL INSTALLATIONS: Generally</u> Electrical Services Installations; all as detailed & described in the Building Services Engineer's Drawings & Specifications; total brought forward from the Electrical Services Installations Tender Breakdown as included within the Building Services Engineer's Tender Documents and appended to this Pricing Document (Appendix B); complete <u>Electrical Installations</u> A total for Electrical Installations; Brought Forward from Appendix B <u>BUILDERS WORK</u> <u>ELECTRICAL INSTALLATIONS: Sundries and Builders Work</u> <u>Notes</u>	1	item		
Ref: 2793	PD 44/1		To Collection €:	

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(69) BUILDING SERVICES (MAINLY ELECTRICAL)</u> <u>(Continued)</u>					
Filling and sealing voids around pipework, ductwork etc. shall achieve a decibel rating equivalent to the structure in which the ope is formed. The filling and sealing shall finish neatly flush with the structure and finishes on both face.			Note		
Fire seal opes shall include for all works included in Architect's Specification; intumescent compound for sealing around service members on both faces to provide a 1 hour period of fire resistance. The fire seal is to finish neatly flush with the structure and finishes on both faces. This specification applies to all sections of the Bill of Quantities.			Note		
Rates are to allow for making good in all trades complete.			Note		
Holes, mortices, chases and the like; Forming or cutting holes; making good structure and finishes, sealing around ope including fire-stopping, flashings, temporary protection works, weathering, disposal of segregated material off site, etc. as required; complete					
<u>Forming Opes; blockwork structure complete including flashings airtight seals; firestopping etc</u>					
A	25mm diameter	90	nr		
B	100mm Diameter	8	nr		
C	150mm Diameter	18	nr		
D	150mm x 75mm	15	nr		
<u>Forming Opes; Precast floor complete including flashings airtight seals; firestopping etc</u>					
E	100mm Diameter	6	nr		
<u>Forming Opes; metal and insulation roof complete including flashings airtight seals; firestopping etc</u>					
F	100mm diameter	5	nr		
<u>Forming Opes; Architectural finishes internal plasterboard wall 12.5mm; complete including forming ope; fire sealing; Making good as per Engineers drawings</u>					
Ref: 2793		PD 44/2		To Collection €:	

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(69) BUILDING SERVICES (MAINLY ELECTRICAL)</u> <u>(Continued)</u>					
A	80mm Diameter <u>Chases; Blockwork Walls; marking and cutting</u>	90	nr		
B	25mm x 25mm chase Fireproofing <u>Fireproofing; intumescent pillow and Fire batt and mastic to cable containment; to same standard and integrity as fire rating of respective fire compartment / structure; all as detailed on Architects drawing;</u>	150	m		
C	300mm x 150mm Cable tray	20	nr		
D	25mm Diameter	90	nr		
E	100mm Diameter	8	nr		
F	150mm Diameter	18	nr		
G	150mm x 75mm Attendances <u>Special Attendances to Mechanical Contractor</u>	15	nr		
H	Offloading and moving heavy electrical equipment	1	item		
J	safe, permanent, or temporary stairs/ladders to roof <u>distribution boards and solar panels</u> <u>Fireproofing services; same standard and integrity as fire rating of structure</u>	1	item		
K	generally <u>Supporting Structures</u> <u>Grounds & Supports</u>	1	item		
L	Electrical Distribution board 200kg	3	nr		
M	Fire Panel	1	nr		
N	Alar panel	1	nr		
P	PV panels (25KG each 2,00mm x 1,000mm)	55	nr		
Ref: 2793		PD 44/3		To Collection €:	

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(69) BUILDING SERVICES (MAINLY ELECTRICAL)</u> <u>(Continued)</u>					
A	Lights 200mm x 200mm	100	nr		
<u>Painting</u> <u>One coat primer; two coats undercoat; one coat enamel high gloss paint</u>					
B	not exceeding 300mm girth; surface mounted conduit including wire brushing priming and paint	190	m		
<u>ANY OTHER ITEMS</u> <u>Appendix to Bill of Quantities</u> The contractor should include for the total cost including all on-costs required within the Electrical Consultants Pricing Document			note		
<u>ANY OTHER ITEMS</u> Quantity Adjustments <u>The Contractor to include here for any quantity adjustments necessary on any of the above items</u> A B C					
Any works deemed necessary to complete the work as indicated on the Architect's / Engineers drawings but not specifically identified and scheduled above <u>The Contractor shall describe and include here for any additional items in Qty Unit Rate format</u> A B C					
Ref: 2793		PD 44/4		To Collection €:	

**Brennan
Associates**

Description	Qty	Unit	Rate	Total
			€	€
<u>(69) BUILDING SERVICES (MAINLY ELECTRICAL)</u> <u>(Continued)</u>				
COLLECTION PD 44/1: PD 44/2: PD 44/3: PD 44/4: (69) BUILDING SERVICES (MAINLY ELECTRICAL) Carried to Summary:				

Ref: 2793

PD 44/5

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(71) DISPLAY, CIRCULATION FITTINGS</u>					
<u>GENERALLY</u>					
The Contractor should note the following					
<u>FITTINGS: Fittings, Equipment and Furniture</u>					
SIGNAGE					
Internal Signage; Wall Mounted Curved Aluminium Name Plate Signage System; curved polycarbonate inserts and ABS side caps; including all fixings, fittings and accessories.					
<u>Fixed to blockwork / studwork surfaces</u>					
A	Internal Room signage - Sign A4 30.2cm (W) x 2.2cm (D) x 21.4cm (H)	22	nr		
Internal Signage; Wall mounted Aluminium Projecting Sign 250mm X 100mm double sided; including all fixings, fittings and accessories.					
<u>Fixed to blockwork / studwork surfaces</u>					
B	Wall mounted sign 205mm x 100mm	17	nr		
Internal Signage; Aluminium Main Director sign (brushed stainless steel finish); 130mm top section with Logo and Name'; 65mm x 600mm name plate section;;English text to be black; Text to be Helvetica or Arial Smaller text 15mm high; Larger text size 30mm high; Concealed fixings; all reference Architects Drawing					
<u>Fixed to blockwork / studwork surfaces</u>					
C	Main Directory	2	nr		
<u>ANY OTHER ITEMS</u>					
Quantity Adjustments					
<u>The Contractor to include here for any quantity adjustments necessary on any of the above items</u>					
A			noid		
Ref: 2793		PD 45/1		To Collection €:	

Pricing Document

Description	Qty	Unit	Rate	Total
			€	€
<u>(71) DISPLAY, CIRCULATION FITTINGS (Continued)</u>				
B		noid		
C		noid		
Any works deemed necessary to complete the work as indicated on the Architect's / Engineers drawings but not specifically identified and scheduled above				
<u>The Contractor shall describe and include here for any additional items in Qty Unit Rate format</u>				
A		noid		
B		noid		
C		noid		
Total				

[illegible]

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(73) CULINARY FITTINGS</u>					
<u>GENERALLY</u>					
The Contractor should note the following					
<u>Notes</u>					
Items mentioned as 'by others' have not been measured in the BoQ. (eg. kitchen equipment)			note		
Kitchen equipment (microwave oven) which are supplied by Employer has not been measured in the BoQ.			note		
<u>FITTINGS, EQUIPMENT AND FURNITURE</u>					
Kitchen base unit; with 18mm moisture resistant MDF cabinetry, doors and end panels; Shaker style or flat-slab style doors, prefinished; heavy duty soft close hinges throughout all units; heavy-duty, soft-close drawer runners; fixings and accessories					
<u>Fixed to blockwork / studwork surfaces</u>					
A	2,590mm total length (on plan) floor unit 600mm wide; counter top in 40mm Ash Woodblock Narrow Stave Lumber work-tops including plinths, cornices, and light pelmets throughout all units to fully complete install and cut out for sink (Room RG26)	1	nr		
B	665mm total length (on Plan) wall unit 300mm wide; ncluding plinths, cornices, and light pelmets throughout all units to fully complete; (Room RG26)	2	nr		
C	5,650mm total length L Shaped (on plan) L1;3,050, L2; 2,600mm floor unit 600mm wide; counter top in 40mm Ash Woodblock Narrow Stave Lumber work-tops including plinths, cornices, and light pelmets throughout all units to fully complete install and cut out for sink (Room RF27)	1	nr		
D	2,450mm total length (on Plan) wall unit 300mm wide; ncluding plinths, cornices, and light pelmets throughout all units to fully complete; (Room RF27)	1	nr		
Ref: 2793		PD 46/1		To Collection €:	

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(73) CULINARY FITTINGS (Continued)</u>					
A	1,080mm total length (on Plan) wall unit 300mm wide; including plinths, cornices, and light pelmets throughout all units to fully complete; (Room RF27) Kitchen sink; brushed standard stainless steel sink and drainer unit, fist operated taps and blender spout, outlet sieve and PVC bottle trap and connections for hot, cold and waste; 860 x 500mm single bowl sink, Pyramis amaltia or equivalent; solid brass U spout with polished chrome finish, Lever type 'swivel neck' quarter turn mixer tap; including all fittings, fixings and accessories <u>Fittings</u>	1	nr		
B	kitchen sink and tap Supply and fit under counter fridge freezer; including all fittings, fixings and accessories <u>Equipment</u>	2	nr		
C	fridge freezer Fit under counter dishwasher; allow for all plumbing requirement; including all fittings, fixings and accessories <u>Equipment</u>	2	nr		
D	dishwasher <u>ANY OTHER ITEMS</u> Quantity Adjustments <u>The Contractor to include here for any quantity adjustments necessary on any of the above items</u> A B C	2	nr		
			noid		
			noid		
			noid		
Ref: 2793		PD 46/2		To Collection €:	

Pricing Document

Description	Qty	Unit	Rate	Total
			€	€
<u>(73) CULINARY FITTINGS (Continued)</u>				
Any works deemed necessary to complete the work as indicated on the Architect's / Engineers drawings but not specifically identified and scheduled above				
<u>The Contractor shall describe and include here for any additional items in Qty Unit Rate format</u>				
A		noid		
B		noid		
C		noid		
Total				
Ref: 2793 PD 46/3			To Collection €:	

[illegible]

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(74) SANITARY, HYGIENE FITTINGS</u>					
<u>GENERALLY</u>					
The Contractor should note the following					
<u>Notes</u>					
Baby changing unit, sanitary dispenser, toilet paper dispenser and disposal bin are not measured in the BoQ as they are listed as Employer supplied items in the sanitary schedule.			note		
<u>FITTINGS, EQUIPMENT AND FURNITURE</u>					
Supply and fit the following sanitary fittings; connect to service pipework; seal joints between individual units and floor/wall; including all fittings, fixings and accessories					
<u>Fittings; sanitary</u>					
A	WC; S3054 Contour 21 close coupled raised height WC pan; S3654 Contour 21 close coupled delay fill, syphon cistern, 4.5 liter single flush; secure cover fastener, no lever; S4066 Contour 21 seat no cover, top fixing hinges and retaining buffers; colours: white (01)/ blue (36)/ Grey (LJ)/ charcoal (RN); S4420 Spatula cistern lever close coupled	2	nr		
B	S0683 Doc M Contour 21+ close coupled left/right hand corner pack including WC pan, water saving delay fill cistern with spatula lever, basin, grab rails, hinged support rail with toilet roll holder, seat no cover with retaining buffers, copper tails on TMV3; Vitreous china to BS 3402 BS8300 compliant; handrail colour to be selected by architect prior to order	2	nr		
C	mirror (safety glass); with light oak trim to full perimeter and waterproof ply backing; securely fixed to wall with concealed fixings; 400 x 555mm sized	2	nr		
D	mirror (safety glass); with light oak trim to full perimeter and waterproof ply backing; securely fixed to wall with concealed fixings; 450 x 900mm sized	2	nr		
Ref: 2793		PD 47/1		To Collection €:	

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(74) SANITARY, HYGIENE FITTINGS (Continued)</u>					
A	long mirror (safety glass); with light oak trim to full perimeter and waterproof ply backing; securely fixed to wall with concealed fixings; 600 x 1200mm sized	2	nr		
B	colostomy shelf; as per TGDM requirements; panel: 17mm thick, V313 moisture resistant, 680kg/m ³ grade chipboard; 19mm over all panel thickness with HPL facing; 1mm PVC lipping to horizontal edges; 150mm deep and 400mm wide (alternative in brushed SS also acceptable)	2	nr		
C	vanity unit; work top including cut outs for semi recessed inset surface mounted basins units; vanity unit to be compact grade laminate, colour to be selected from standard range; end panels where relevant in same material also to be provided; 100mm upstand at back; 800 x 300 x 770mm sized	2	nr		
D	water tap; A4798 Sensor flow 21 washbasin mounted spout; weight 3.0kg; chromium plated (AA) finish, A5900AA TMV 3 valve suited to pipe size; thermostatic mixing valves; TMV3 approved	2	nr		
E	wash basin; to BS EN 14688 & BS EN 31; S2494 Profile 21 semi-countertop washbasin; 50cm 1 taphole with overflow no chain stay hole; S8910 Trap 1 1/4" plastic bottle, 75mm seal; S8722 Waste 1 1/4in brass strainer waste, 80mm slotted tail; chromium plated (AA); weight S8722, 0.188KG	2	nr		
F	grab rail; S6454 Contour 21 grab rail straight 60cm long x 35mm diameter; colour: White (AC)/ Blue (36)/ Grey (LJ)/ Stainless Steel Finish (MY)/ Charcoal (RN)	4	nr		
G	coat hooks; TGDM compliant stainless steel coat hooks with cylindrical buffer and brushed stainless steel finish	4	nr		
H	emergency alarm reset button	2	nr		
J	emergency alarm pull cord; with two red bangles, one at 100mm and other at 800 - 1000mm above floor level	4	nr		
Ref: 2793		PD 47/2		To Collection €:	

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(74) SANITARY, HYGIENE FITTINGS (Continued)</u>					
A	electric shower unit with detachable shower head; Omnicare SR Pumped Electric Shower or equivalent; adjustable range: 1050 - 1850mm above floor level	2	nr		
B	floor drain; Kent KHV225/50 or equivalent; SS gully; 225mm diameter	2	nr		
C	tie up seat	2	nr		
D	back rest	2	nr		
E	shower curtain; 2400mm high	2	nr		
F	toiletries shelf	2	nr		
G	towel rail; 630mm long	2	nr		
H	800mm long drop down rail	4	nr		
J	hand dryers	4	nr		
<u>ANY OTHER ITEMS</u>					
Quantity Adjustments					
<u>The Contractor to include here for any quantity adjustments necessary on any of the above items</u>					
A	.....		noid		
B	.....		noid		
C	.....		noid		
Any works deemed necessary to complete the work as indicated on the Architect's / Engineers drawings but not specifically identified and scheduled above					
<u>The Contractor shall describe and include here for any additional items in Qty Unit Rate format</u>					
A	.....		noid		
B	.....		noid		
C	.....		noid		
Total					
Ref: 2793		PD 47/3		To Collection €:	

[illegible]

Pricing Document

Description	Qty	Unit	Rate	Total
			€	€
<u>(79) GENERAL FITTINGS</u> <u>GENERALLY</u> The Contractor should note the following <u>Notes</u> <u>FITTINGS, EQUIPMENT AND FURNITURE</u> Reception joinery; comprising fixed glass reception window, a standing height counter, wheelchair height counter and storage drawers; reception window with 6mm laminated glass with chrome fixings, Aluminum extruded sliders with ballrace glide action and internal locking; 1200 x 670mm standing height counter at 1100mm high, 3154 x 900mm wheelchair height counter at 760mm height, with 40mm ash woodblock lumber, narrow stave shelves and vertical members; desktop in 30mm ash woodblock lumber, narrow stave, 780mm height to worktop off floor; bulkhead with timber surround finish to glazed section; finish: four coats matte polyurethane Bartop lacquer; including battens, edge trims, legs, all fittings, fixings and accessories; refer drawing nr: P22-034 - T-048 - RG-05 - Reception Plan & Wall Elevations <u>Fittings</u> A reception joinery; 2,250mm high x 3,170mm long x 900mm wide (L shaped) <u>ANY OTHER ITEMS</u> Quantity Adjustments <u>The Contractor to include here for any quantity adjustments necessary on any of the above items</u> A B C	1	nr		
Ref: 2793	PD 48/1		To Collection €:	

Pricing Document

Description	Qty	Unit	Rate	Total
			€	€
<u>(79) GENERAL FITTINGS (Continued)</u>				
Any works deemed necessary to complete the work as indicated on the Architect's / Engineers drawings but not specifically identified and scheduled above				
<u>The Contractor shall describe and include here for any additional items in Qty Unit Rate format</u>				
A		noid		
B		noid		
C		noid		
Total				

[illegible]

D: Building C

Pricing Document

Description	Qty	Unit	Rate	Total
			€	€
<u>(19) SUBSTRUCTURES</u>				
<u>GENERALLY</u>				
<u>Notes</u>				
Refer to Architect's, Civil / Structural Engineer's and Building Service Engineer's Drawings, Reports & Specifications for full details, including Site Investigation Reports, Topographic surveys, Preliminary Trial Hole Logs, Preliminary Borehole Logs, Preliminary Rotary Core Logs		note		
All excavation is measured from formation level (+57.30m).		note		
All excavation required to reduce levels is included elsewhere under Item (10) – Prepared Site.		note		
Vibro stone columns shall be designed, installed, tested and certified by a specialist contractor in accordance with BS EN 14731: Execution of Special Geotechnical Works – Ground Treatment by Deep Vibration, BS EN 1997 (Eurocode 7), the project geotechnical report and the Engineer's Specification		note		
Vibro Stone Columns Contractor to note proximity of proposed VSCs to adjacent buildings; vibration limit to be agreed with Engineer prior to commencement		note		
Noise and vibration monitoring will be required during the undertaking of these works and when requested to do so the Contractor must cease any works that are causing disruption to operations and either alternative times for undertaking such works agreed or an alternative methodology of undertaking these works agreed with the required parties. Method Statements are to be provided for such works and these are to be forwarded to the Architect and Engineers for comment, prior to the works being carried out. Approval or comments provided in respect of these Method Statement do not limit the Contractor's Liability in respect of health and safety and/or damage, personal or physical, or consequential damage arising from undertaking such works. In addition, claims for delay or disruption arising from any requirement to cease or stand down from such noisy or similar works will not be entertained by the Architect or Employer.		note		
Ref: 2793	PD 49/1	To Collection €:		

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(19) SUBSTRUCTURES (Continued)</u>					
The Contractor shall note the Water level is as per Site Investigation Report 17/04/2023 to 19/04/2023			note		
<u>EXCAVATION AND EARTHWORK: Excavation</u>					
<u>Foundation Trenches</u>					
A	depth not exceeding 2.00m	21	m3		
Earth work support; all accordance with engineers specifications					
<u>Earthwork support</u>					
B	Foundations, maximum depth not exceeding 2.00m, distance between opposing faces not exceeding 2.00m	37	m2		
Working Space; backfilling with granular material, in 200mm compacted layers, platform to be of CBR 10% for ground improvement rig access; all in accordance with Engineers Specification					
<u>Working space</u>					
C	Foundations, maximum depth not exceeding 2,000mm	37	m2		
Disposal					
<u>Water</u>					
D	surface water; keeping the site free of surface water	1	Item		
E	ground water; keeping the excavations free of ground water	1	Item		
<u>Excavated material</u>					
F	off site	21	m3		
Filling; crushed stone					
<u>Filling hardcore; T0 fill material to facilitate the free movement of gas (radon) within the hardcore layer; fill material to SR21 Annex & 2014 + A1 2016; depositing and compacting in layers; all in accordance with the Engineers Specification's</u>					

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(19) SUBSTRUCTURES (Continued)</u>					
A	to make up levels; average thickness not exceeding 250mm thick <u>Filling hardcore; T1 fill material to facilitate the free movement of gas (radon) within the hardcore layer; fill material to SR21 Annex & 2014 + A1 2016; depositing and compacting in layers; all in accordance with the Engineers Specification's</u>	45	m3		
B	to make up levels; average thickness not exceeding 250mm thick <u>Filling hardcore; T2 fill material to facilitate the free movement of gas (radon) within the hardcore layer; fill material to SR21 Annex & 2014 + A1 2016; depositing and compacting in layers; all in accordance with the Engineers Specification's</u>	36	m3		
C	to make up levels; average thickness not exceeding 250mm thick Surface Treatments <u>Blinding filling</u>	36	m3		
D	leveling with sharp sand to Engineers approval; horizontal; 50mm thick; compacted; all in accordance with engineer's specifications. <u>Ground improvement works</u> <u>Ground improvement with vibro columns; all in accordance with the Engineers Specification's</u>	159	m2		
E	vibro columns <u>Ground improvement works</u> <u>PILING: Ground improvement works to strip foundations and pad foundations</u> <u>Notes generally</u>	1	Item		

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(19) SUBSTRUCTURES (Continued)</u>					
A	Vibro stone columns, or similar approved, to be designed, installed and certified by a specialist contractor to the satisfaction of the Structural Engineer; refer to Engineer's drawings, ground / site investigation report and nature of the site in terms of restrictions and requirements in terms of noise and vibration monitoring, etc. are noted	1	Note		
B	All Vibro Stone Columns are to Specialist Design and Detailed by an approved Designer	1	Note		
C	The Contractor shall note the proximity of proposed Vibro Stone Columns to neighbouring structures. Vibration monitoring to be included for the duration of the piling works.	1	Note		
D	The final Vibro stone column solution will be to specialist design of the specified working loads	1	Note		
E	Vibro stone column designer to refer to SI reports. Design will ultimately be determined by vibro stone column designer.	1	Note		
F	Vibro stone columns shall be designed, installed, tested and certified by a specialist contractor in accordance with BS EN 14731: Execution of Special Geotechnical Works – Ground Treatment by Deep Vibration, BS EN 1997 (Eurocode 7), the project geotechnical report and the Engineer's Specification	1	Note		
Mobilise & Demobilise; All costs associated with transport, mobilisation, demobilisation, of VSC equipment to and from site including rig, personnel, resources, etc.					
<u>On Site</u>					
G	Generally	1	Item		
<u>Set-up for each Vibro Stone Column</u>					
H	Including setting up vibro stone column rig at each vibro stone column location	1	Item		
<u>Design to be submitted</u>					
J	Vibro stone column design report	1	Item		

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(19) SUBSTRUCTURES (Continued)</u>					
A	Site specific statement	1	Item		
B	Installation layout drawings	1	Item		
	<u>Handover documentation</u>				
C	Production reports, HSE records, Upon works completion	1	Item		
	<u>Ancillary Certification</u>				
D	Ancillary Certification for vibro stone column works, including Ancillary certificate of Design completion (Sc), inspection completion (Si) and specialist sub-contractor compliance (CS)	1	Item		
	Vibro Stone Columns or similar approved; designed to allowable ground bearing capacity of 200kPa under all pad foundations and strip foundations following completion of ground improvement works; Safe bearing capacity 200kN/m2 at a factor of safety of 1.5 (per vibro stone column) by a specialist piling Sub Contractor				
	<u>Vibro stone columns - Ground Improvement (foundations only)</u>				
E	Penetrating ground to designed depth with vibroflot, or similar, filling with graded crushed stone or similar approved, compacted into surrounding soils	1	Item		
	Obstructions				
	<u>Standing</u>				
F	Standing Time due to delays beyond the control of the VSC contractor	40	Hrs		
	Pile Tests; complete				
	<u>Vertical Load Testing</u>				
G	Vertical load testing on heads of VSCs; including mobilisation	1	Item		
	<u>Other Testing</u>				
H	The contractor shall include for all other testing required as part of their quality assurance and controls	1	Item		
Ref: 2793		PD 49/5		To Collection €:	

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(19) SUBSTRUCTURES (Continued)</u>					
<u>Vibration monitoring</u>					
A	Vibration Monitoring for the duration of the VSC works; reports to be provided to the ER daily, (minimum of 2 No.) vibration monitors to be installed; Max PPV 5.0mm/s; Locations To be confirmed on site	1	Item		
Piling mat					
<u>Contractor to allow for temporary working platform 400mm thick. Platform to be granular material of CBR 10% for Ground improvement access, including removal on completion</u>					
B	Installation of suitably sized piling mat, and removal on completion	1	Item		
<u>CONCRETE WORK: In-Situ Concrete</u>					
Plain in-situ concrete; C15/20; vibrated; all in accordance with the Engineers Specification's					
<u>Blinding</u>					
C	beneath foundations; poured on or against earth or unblinded hardcore	4	m3		
Reinforced in-situ concrete; Grade C30/37-D20-S2-XC1); vibrated; all in accordance with the Engineers Specification's					
<u>Foundations</u>					
D	foundations generally; poured on or against earth or unblinded hardcore	21	m3		
<u>Beds</u>					
E	exceeding 150mm thick	36	m3		
<u>Extra over for:</u>					
F	Special requirements to finishes; circa 20mm recess to be formed in in Concrete Bed for matwell (measured elsewhere); Overall Size: L: 1,100mm x W: 1,100mm	1	nr		

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(19) SUBSTRUCTURES (Continued)</u>					
<u>Column</u>					
A	Cross Sectional area not exceeding 0.10m ²	1	m ³		
<u>Column casings</u>					
B	RC Stub Columns for steel columns, cross sectional area exceeding 0.10m ²	1	m ³		
<u>CONCRETE WORK: Sundries</u>					
Design Joints; control joints; 6 x 40mm deep; filled with Thioflex 600 Seleant by Fosroc-Expandite or equally approved; all in accordance with the Engineers Specification's					
<u>Control Joints</u>					
C	6 x 40mm deep	40	m		
Saw-cut Joints; saw joints; 3 x 66mm deep; withing 25 hours of placing concrete; saw-cut joint filled with colpor 200PF joint sealer by fosroc or equal approved. all in accordance with the Engineers Specification's					
<u>saw-cut Joints</u>					
D	3 x 66mm deep	40	m		
Joints between RC columns and blockwork; wall tie back to rectangular columns; between masonry wall and concrete column to be lined with 10mm polyethylene joint fill or similar joint; all in accordance with the Engineers Specification's					
<u>wall tie joints</u>					
E	10mm thick	22	nr		
Design Joints; isolation joint (I.S.); 20mm wide non biodegradable compressible filler with joint sealant; all in accordance with the Engineer's Specifications					
<u>Isolation Joint</u>					
F	20mm wide	76	m		

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(19) SUBSTRUCTURES (Continued)</u>					
Special connections, Wall tie back; wall tie back with Halfen hl 28/15 vertical channel (oea) fixed back to steel column using 5.5 x 50mm heavy Duty tek screws @ 225mm vertical c/c to allow for 225mm long ancon sd21 tie (oea) @ 450mm Vertical c/c. Allow for end of each wall panel to be debonded with sleeve; all in accordance with the Engineers Specification's					
<u>wall tie joints</u>					
A	5.5 x 50mm size; to RC column	22	nr		
Surface Finishes					
<u>Power-floating slabs</u>					
B	not exceeding 150mm thick	177	m2		
<u>CONCRETE WORK: Reinforcement</u>					
Reinforcement bars; high yield bars & links; straight or bent; all in accordance with the Engineers Specifications					
<u>Bars</u>					
C	straight or bent; various diameter; nominal sizes 12mm to 25mm dia.; pad foundations	0.60	t		
D	straight or bent; various diameter; nominal sizes not exceeding 12mm dia.; columns	0.10	t		
Reinforcement fabric mesh; 450mm side and end laps; minimum 50mm cover; all in accordance with the Engineers Specification's; no allowance in measurement for laps					
<u>Fabric Mesh Reinforcement</u>					
E	A393 anti crack mesh Fabric Reinforcement; exceeding 300mm wide; horizontal; floor slab	177	m2		
F	A393 Fabric Reinforcement; exceeding 300mm wide; horizontal; foundations	54	m2		
<u>CONCRETE WORK: Formwork</u>					
Ref: 2793		PD 49/8		To Collection €:	

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(19) SUBSTRUCTURES (Continued)</u>					
Formwork generally; finish as per Engineers specification					
<u>Sides of Foundations</u>					
A	rectangular; height exceeding 250mm not exceeding 500mm ;	49	m		
<u>Edges of beds</u>					
B	height not exceeding 250mm; (Extension)	76	m		
<u>Kickers</u>					
C	Columns, isolated, rectangular; 215mm x 440mm x 150mm high	2	nr		
D	Column Casings, isolated, rectangular; 550mm x 450mm	5	nr		
E	Column Casings, isolated, rectangular; 450mm x 450mm	2	nr		
<u>Columns</u>					
F	isolated; rectangular; soffit height not exceeding 4000mm	2	m2		
<u>Column casings</u>					
G	isolated; rectangular; for steel columns; soffit height not exceeding 4,000mm	6	m2		
<u>BRICKWORK AND BLOCKWORK: Brickwork/Blockwork</u>					
Solid concrete blockwork; compressive strength 13N/mm2; bedded in sand and cement mortar (1:3); stretcher bond; forming vent opes in blockwork as work proceeds; all in accordance with the Engineer's Specifications					
<u>Walls in trenches</u>					
H	100mm thick	28	m2		
J	215mm thick	4	m2		
K	550mm thick	29	m2		
Ref: 2793		PD 49/9		To Collection €:	

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(19) SUBSTRUCTURES (Continued)</u>					
Thermal concrete block; 18N/mm² thermal concrete block on flat to I.S. EN 771- 3:2011+A1:2015 standards ; all in accordance with the Engineers Specifications					
<u>Walls in trenches</u>					
A	215mm thick	16	m ²		
Forming or cutting holes for drainage and services through walls; including for inserting precast lintels; backfilling ope after pipework installation with cement mix; making good to surrounds on completion; all in accordance with the Engineers Specification's					
<u>Like items</u>					
B	opes for drainage & services; 550mm thick external rising walls	1	Item		
Bonding to other work					
<u>Bonding blockwork to RC Walls</u>					
C	Bonding using dove tail ties min 150mm long at 450mm centres; including cast in Abbey Slot style proprietary channel	5	m		
<u>BRICKWORK AND BLOCKWORK: Ancillaries to Brickwork / Blockwork</u>					
Closing cavities at doors and curtain wall; 125mm thick cavities; including additional wall ties; all in accordance with the manufacturers instructions, Architects Drawing's and Engineers specifications & details					
<u>Closing Cavities</u>					
D	550mm wide	20	m		
Ref: 2793		PD 49/10		To Collection €:	

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(19) SUBSTRUCTURES (Continued)</u>					
Damp proof courses; 100mm laps; jointing with jointing tape; bedded in gauge mortar; no allowance in measure for laps; Damp-proof course to conform with I.S. 57:1987, BS 743, BS 6398, BS 6515, BS 8215 or CP 102 and must comply with Technical Guidance Document C (TGD-C) of the Irish Building Regulations; Gauge / thickness to be a minimum 0.5mm – 0.8mm for polyethylene or co-polymer thermoplastic (CPT) rolls and must have an NSAI Agrément certificate or a third-party accreditation like the British Board of Agrément (BBA). all in accordance with the Architect's Specifications					
A	Horizontal; not exceeding 300mm wide	70	m		
B	Horizontal; exceeding 300mm wide	34	m2		
Designed Joints					
<u>Control Joint to blockwork walls; 10 wide joint sealed with 13mm wide compressible polyethylene foam with a bond breaker, and 2 part polysulphide sealant; 300mm long stainless steel ties (Ancon PPS O.E.A.) with plastic de-bonding sleeve; all in accordance with Engineer's Drawings and Specifications</u>					
C	Movement Joint; 215mm blockwork	3	m		
<u>ROOFING, CLADDING AND WATERPROOFING: Mastic Asphalt and Gas Proof Non-Metal Flexible Sheet Coverings</u>					
Gas proofing / Damp proofing					
<u>Loose laid 1200 gauge certified radon membrane barrier; laid strictly in accordance with the manufacturers instructions on 50mm sand blinding (measured elsewhere); no allowance for laps; including Butyl rubber adhesive tapes; all in accordance with the Architects Drawings and Specification</u>					
D	horizontal; exceeding 300mm wide; wrapping up and around rising walls	177	m2		
Ref: 2793		PD 49/11		To Collection €:	

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(19) SUBSTRUCTURES (Continued)</u>					
A	Vertical; not exceeding 300mm wide; wrapping up and around rising walls <u>Extra over</u>	38	m2		
B	sealing around pipe penetrations or the like; 100mm diameter pipes; top hat collars <u>WOODWORK; Ironmongery, Accessories & Sundries</u> Rigid P.I.R underfloor insulation with thermal conductivity of 0.022w/mk or better with and floor elemental U-value of 0.21W/m2K or better ; laid in accordance with manufacturer's instructions; no gaps; Premiter insulation to have minimum R value of 1.1m2K/W; all in accordance with the Engineer's Specification <u>Thermal Insulation</u>	2	nr		
C	horizontal; 150mm thick	177	m2		
D	vertical; 25mm thick Sundries <u>Air seal ; to be provided between floor and masonry with a flexible sealer or suitable air seal tape " isover' Vario bond or equal approved with steel angel to perimeter; all in accordance with the Engineer's Specification</u>	23	m2		
E	horizontal; not exceeding 300mm wide FOUL DRAINAGE BENEATH FLOOR SLAB <u>BRICKWORK AND BLOCKWORK: Brickwork/Blockwork</u> Forming or cutting holes for drainage and services through walls; including for inserting precast lintels; backfilling ope after pipework installation with cement mix; making good to surrounds on completion; all in accordance with the Engineer's Specifications <u>Like items</u>	76	m		

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(19) SUBSTRUCTURES (Continued)</u>					
A	opens for drainage & services; 215mm thick internal rising blockwork walls	2	nr		
B	opens for drainage & services; 550mm thick external rising blockwork walls	9	nr		
<u>DRAINAGE: Below Ground</u>					
Excavating trenches; starting from finished ground level; grading bottoms; earthwork support; disposing of surplus excavated material off site; filling in over bed and surround with clause 808 hardcore, compacted in 200mm maximum layers; all in accordance with Engineer's Specifications					
<u>Pipes not exceeding 250mm nominal size</u>					
C	Average depth 500mm - 1,000mm	15	m		
Disposal					
<u>Ground Water</u>					
D	Generally	1	Item		
<u>Surface Water</u>					
E	Generally	1	Item		
Beds and surrounds					
<u>Selected granular material in accordance with Engineer's specification</u>					
F	400mm wide x 400mm thick bed and surround; to 100mm pipe;	15	m		
Pipes					
<u>uPVC pipes to I.S. 424; spigot and socket flexible joints in the running length; at 1:50 fall; all in accordance with the Engineers Specification's</u>					
G	200mm diameter. pipework; laid in hardcore bed	18	m		
H	Pipework pop-up connections	6	nr		

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(19) SUBSTRUCTURES (Continued)</u>					
Extra over pipes on which they occur for					
<u>Bends</u>					
A	200mm pipe; long radius	3	nr		
Testing and commissioning					
<u>Testing</u>					
B	Testing the foul water drainage system to the Architects satisfaction as the work proceeds and on completion	1	Item		
<u>RADON DRAINAGE BENEATH FLOOR SLAB</u>					
<u>BRICKWORK AND BLOCKWORK: Brickwork/Blockwork</u>					
Forming or cutting holes for drainage and services through walls; including for inserting precast lintels; backfilling ope after pipework installation with cement mix; making good to surrounds on completion; all in accordance with the Engineer's Specifications					
<u>Like items</u>					
C	opens for drainage & services; 215mm thick internal rising blockwork walls	2	nr		
D	opens for drainage & services; 550mm thick external rising blockwork walls	2	nr		
uPVC pipes; I.S. 424; joints in the running length					
<u>110mm pipework; in trenches</u>					
E	laid in position horizontal	12	m		
<u>Extra over pipes on which they occur for</u>					
F	90 degree bends, 110mm pipework	2	nr		
G	Radon sump	2	nr		
H	easi-sump identifiable ground cap for subfloor radon pipe network	2	nr		
Ref: 2793				PD 49/14	
				To Collection €:	

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(19) SUBSTRUCTURES (Continued)</u>					
<u>Forming or cutting holes for drainage and services through walls; including for inserting precast lintels; backfilling ope after pipework installation with cement mix; making good to surrounds on completion; all in accordance with the Engineer's Specifications</u>					
A	Radon sump	2	nr		
Testing and commissioning					
<u>Testing</u>					
B	Testing the Radon Drainage system to the Architects satisfaction as the work proceeds and on completion	1	Item		
<u>ANY OTHER ITEMS</u>					
Quantity Adjustments					
<u>The Contractor to include here for any quantity adjustments necessary on any of the above items</u>					
A	.....		noid		
B	.....		noid		
C	.....		noid		
Any works deemed necessary to complete the work as indicated on the Architect's / Engineers drawings but not specifically identified and scheduled above					
<u>The Contractor shall describe and include here for any additional items in Qty Unit Rate format</u>					
A	.....		noid		
B	.....		noid		
C	.....		noid		
Ref: 2793		PD 49/15		To Collection €:	

[illegible]

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(21) EXTERNAL WALLS</u>					
<u>GENERALLY</u>					
The Contractor should note the following					
<u>Notes</u>					
Refer to Architect's / Civil & Structural / Building Service Engineer's Drawings & Specifications for full details			note		
Unless otherwise described, making good to the structure and remaining finishes are deemed included within the description of the items included in this element.			note		
The Contractor is deemed to have visited the site and to have familiarised himself with the full scope and intent of the Works as described in the Tender Documents, including any restrictions or constraints placed on carrying out the various operations.			note		
<u>Concrete Work: Precast Concrete/Composite Construction/Stone Faced Concrete Panels</u>					
Pre-stressed precast concrete lintels; shall be supplied and installed with a minimum 150mm bearing at each end and a smooth fair-faced finish; All fixings and ancillary works shall be included in accordance with the Engineer's drawings and specifications.					
<u>Lintels</u>					
A	100mm wide x 65mm high x 900mm long	1	nr		
B	100mm wide x 65mm high x 1200mm long	1	nr		
C	100mm wide x 65mm high x 1420mm long	1	nr		
D	100mm wide x 150mm high x 2500mm long	1	nr		
E	215mm wide x 65mm high x 900mm long	1	nr		
F	215mm wide x 65mm high x 1200mm long	1	nr		
G	215mm wide x 65mm high x 1420mm long	1	nr		
H	215mm wide x 215mm high x 2500mm long	1	nr		
Ref: 2793		PD 50/1		To Collection €:	

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(21) EXTERNAL WALLS (Continued)</u>					
Precast Concrete Window Sill; Precast concrete window sills, 350mm deep with a 100mm deep facing, shall be supplied and installed complete with finished sides and soffit; All bedding mortar, jointing, sealants, fixings, weathering details, and ancillary works shall be included in accordance with the drawings, specifications, and manufacturer's recommendations. <u>Sills</u>					
A	600mm long	1	nr		
B	900mm long	1	nr		
C	2200mm long	3	nr		
D	3500mm long	1	nr		
<u>Brickwork and Blockwork: Brickwork/Blockwork</u>					
100mm Facing Brick External Leaf Wall to selected shade approved by the Architect; External facing brickwork shall be supplied and constructed using 100 × 65 × 215mm wire-cut facing bricks complying with BS EN 771-1 and S.R. 325:2013+A2:2018/AC:2019 and have a Declaration of Performance (DoP); Dimensional tolerance class: T1, Dimensional range: R1. Active Soluble Salts Classification: S2 (low risk of efflorescence); and having a minimum compressive strength of 45N/mm²; Bricks shall be laid in stretcher bond with 10mm coloured mortar joints and 5mm recessed pointing to I.S. EN 998 2 (masonry mortar) to shade selected by the Architect; All mortar, wall ties, scaffolding, and ancillary works shall be included in accordance with the drawings and specifications." <u>Walls; Brickwork</u>					
E	100mm thick	97	m2		
F	Extra over; reveals of openings; return brick to close cavity	41	m		
<u>Labours</u>					
Ref: 2793		PD 50/2		To Collection €:	

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(21) EXTERNAL WALLS (Continued)</u>					
A	On brickwork Blockwork; 100mm Thick Solid Concrete Blockwork Outer Leaf; minimum 13N/mm² solid concrete blockwork outer leaf shall be provided and constructed using blocks complying with I.S. EN 771-3:2011+A1:2015, laid on edge / flat in approved mortar and in half-lap stretcher bond; flush pointing blockwork to both sides as works progress, Minimum 325mm long stainless steel anti-drip cavity wall ties shall be installed at a minimum density of 2.5 ties/m², including additional ties at openings, movement joints, and wall junctions; All fixings and ancillary works shall be included in accordance with the drawings and specifications. <u>Walls; Concrete blockwork</u>	1	Item		
B	100mm thick <u>Labours</u>	117	m2		
C	On blockwork 215mm Thick Solid Concrete Blockwork Inner Leaf; minimum 13N/mm² solid concrete blockwork inner leaf shall be provided and constructed using blocks complying with I.S. EN 771-3:2011+A1:2015, laid flat in approved mortar and in half-lap stretcher bond; flush pointing blockwork to both sides as works progress, Minimum 325mm long stainless steel anti-drip cavity wall ties shall be installed at a minimum density of 2.5 ties/m², including additional ties at openings, movement joints, and wall junctions. All fixings and ancillary works shall be included in accordance with the drawings and specifications. <u>Walls; Concrete blockwork</u>	1	Item		
D	Inner leaf; 215mm thick	237	m2		
E	Outer leaf; 215mm thick <u>Labours</u>	12	m2		

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
A	<u>(21) EXTERNAL WALLS (Continued)</u>				
	On blockwork	1	Item		
	<u>Brickwork and Blockwork: Ancillaries to Brickwork/Blockwork</u> Forming Cavities Between New Walls and structure; 150mm wide cavities shall be formed to accommodate 150mm expanded polystyrene (EPS) insulation bead (measured elsewhere), complete with minimum 325mm long stainless steel wall ties complying with EN 845-1:2013, embedded 62.5mm minimum into masonry joints and installed at 450mm horizontal and 450mm vertical centres, to increase to 225 vertical centres and within 150mm of openings, window and door reveals; All wall ties, fixings, and ancillary works shall be included in accordance with the drawings, specifications, and manufacturer's recommendations. <u>Forming cavities; Between walls</u>				
B	150mm thick	226	m2		
	Insulated Cavity Closers to Door and Window Openings; Approved insulated cavity closers shall be supplied and installed around all door and window openings, with insulation complying with the relevant IS EN 1316x series and tested to IS EN 1366-4:2021; Cavity closers shall achieve ψ-values in accordance with BRE IP1/06 and hold current BBA/IAB Agrément certification; All insulation, fixings, fire-stopping, sealing, and ancillary works shall be included in accordance with the drawings, specifications, and manufacturer's recommendations. <u>Closing cavities</u>				
C	horizontal; 150mm cavity	28	m		
D	vertical; 150mm cavity	45	m		
Ref: 2793		PD 50/4		To Collection €:	

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(21) EXTERNAL WALLS (Continued)</u>					
Damp Proof Course (DPC) Membrane; Damp-proof course to conform with I.S. 57:1987, BS 743, BS 6398, BS 6515, BS 8215 or CP 102 and must comply with Technical Guidance Document C (TGD-C) of the Irish Building Regulations; Gauge / thickness to be a minimum 0.5mm – 0.8mm for polyethylene or co-polymer thermoplastic (CPT) rolls and must have an NSAI Agrément certificate or a third-party accreditation like the British Board of Agrément (BBA); Approved DPC membrane shall be supplied and installed beneath window sills to prevent the passage of moisture; All laps, joints, sealing, flashings, fixings, and ancillary works shall be included in accordance with the drawings, specifications, and manufacturer's recommendations.					
<u>Vertical</u>					
A	not exceeding 225mm wide; window & door jambs	42	m		
<u>Horizontal</u>					
B	Width not exceeding 225mm	22	m		
Stepped Damp Proof Course (DPC) to Window Heads in Cavity Walls; Stepped DPC shall be supplied and installed at window heads within cavity walls to prevent moisture penetration and direct water to the external face; All DPC materials, cavity trays, stop ends, laps, joints, integration with flashings and Weep-holes, and ancillary works shall be included in accordance with the drawings, specifications, and manufacturer's recommendations.					
<u>Damp proof courses</u>					
C	exceeding 225mm wide; stepped across window & door heads/cills	10	m2		

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(21) EXTERNAL WALLS (Continued)</u>					
12.5mm wide expansion joints shall be formed with 12.5mm Flexcell or approved equivalent compressible filler and Ancon PPS 300 debonded ties or approved equivalent at 225mm vertical centres; All fillers, ties, fixings, sealants, and ancillary works shall be included in accordance with the drawings, specifications, Engineer's details, and manufacturer's recommendations.					
<u>Designed joints</u>					
A	Expansion Joint; 100mm brickwork	9	m		
B	Expansion Joint; 100mm blockwork	17	m		
12.5mm wide expansion joints shall be formed with 12.5mm Flexcell or approved equivalent compressible filler and Ancon PPB 225 debonded L-ties or approved equivalent at 225mm vertical centres, fixed to steel columns using Tapcon Hex Head 4H057 (6mm × 57mm) fixings or approved equivalent; All fillers, ties, fixings, and ancillary works shall be included in accordance with the drawings, specifications, and Engineer's details.					
<u>Designed joints</u>					
C	Expansion Joint; 215mm blockwork	26	m		
Masonry fixed to steel beam using Ancon SAH-UO with extended head or equal approved					
<u>Designed joint</u>					
D	Bonding walls to structural steel beams; 215mm thick walls	25	m		
Ref: 2793		PD 50/6		To Collection €:	

**Brennan
Associates**

Description	Qty	Unit	Rate	Total
			€	€
<u>(21) EXTERNAL WALLS (Continued)</u>				
Internal Head Restraint to Infill Masonry Panels; Ancon IHR-V Internal Head Restraint System or approved equivalent shall be supplied and installed to connect infill masonry panels to the surrounding structure at head level; Restraints shall be installed at 450mm horizontal centres in accordance with the Engineer's details and manufacturer's recommendations; All fixings, brackets, anchors, stainless steel components, and ancillary works shall be included				
<u>Bonding to other work</u>				
Bonding walls to head beams; 100mm thick	59	m		
Bonding walls to head beams; 215mm thick	59	m		
Blockwork Connection to Steel Columns; Ancon PPB 225 debonded L-ties or approved equivalent shall be supplied and installed to connect blockwork to steel columns at 225mm vertical centres and shall be fixed using E-XBOHR 5 16 5.5 × 50 self-tapping fixings or approved equivalent; All ties, fixings, debonding sleeves, and ancillary works shall be included in accordance with the drawings, specifications, Engineer's details, and manufacturer's recommendations.				
<u>Bonding to other work</u>				
Bonding walls to steel columns; 100mm thick	33	m		
Bonding walls to steel columns; 215mm thick	33	m		

Ref: 2793

PD 50/7

To Collection €:

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(21) EXTERNAL WALLS (Continued)</u>					
Blockwork Connection to RC Columns/Walls; Ancon PPB 225 debonded L-ties or approved equivalent shall be supplied and installed to connect blockwork to RC columns and walls at 225mm vertical centres and shall be fixed using Tapcon Hex Head 4H057 (6mm × 57mm) fixings or approved equivalent; All ties, fixings, anchors, sleeves, and ancillary works shall be included in accordance with the drawings, specifications, Engineer's details, and manufacturer's recommendations.					
<u>Bonding to other work</u>					
A	Bonding walls to RC columns; 100mm thick	9	m		
B	Bonding walls to RC columns; 215mm thick	9	m		
Weep-holes to External Brickwork; Polypropylene Euroweep Vents 49 × 87 × 9mm or approved equivalent shall be supplied and installed at the base of brickwork and above lintels/windows, providing a free airflow area of approximately 300mm² per unit and installed at 900mm to 1000mm maximum centres; All weep-hole vents, fixings, and ancillary works shall be included in accordance with the drawings, specifications, and Architect's instructions.					
<u>Sundries</u>					
C	Weep-holes	19	nr		
<u>Roofing, Cladding and Waterproofing: Flexible Sheet Metal Coverings</u>					
Aluminum Window Head Flashing; 3mm thick folded polyester powder-coated Aluminum window head flashings shall be supplied and installed to match the adjacent sill profile and finish, complete with incorporated insulation; All insulation, fixings, sealants, jointing materials, weatherproofing, and ancillary works shall be included in accordance with the drawings and specifications.					
Ref: 2793		PD 50/8		To Collection €:	

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(21) EXTERNAL WALLS (Continued)</u>					
<u>Flashings</u>					
A	Girth 150mm - 300mm; fixed to cladding panels, brickwork and blockwork Aluminum Window Jamb Reveal Flashing; 3mm thick folded polyester powder-coated Aluminum window jamb reveal flashings shall be supplied and installed to match the window sill profile and finish; All fixings, sealants, jointing materials, weatherproofing, and ancillary works shall be included in accordance with the drawings, specifications, and manufacturer's recommendations.	12	m		
<u>Flashings</u>					
B	Girth 150mm - 300mm; fixed to cladding panels, brickwork and blockwork Pressed Metal Cover Flashing at DPC Level; Pressed metal cover flashings shall be supplied and installed at DPC level to external walls to direct rainwater clear of the wall face and prevent water ingress; All fixings, supports, sealants, jointing materials, weatherproofing, and ancillary works shall be included in accordance with the drawings and specifications.	42	m		
<u>Flashings</u>					
C	Girth 300mm - 450mm; fixed to cladding panels, brickwork and blockwork Integrated Aluminum flashing at abutment of brickwork / blockwork; 3mm thick folded polyester powder-coated Aluminum integrated flashings shall be supplied and installed, complete with cavity insulation and 2mm thick Aluminum backing sleeves to butt joints; All insulation, fixings, sealants, jointing materials, weatherproofing, and ancillary works shall be included in accordance with the drawings and specifications.	55	m		
<u>Flashings</u>					

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(21) EXTERNAL WALLS (Continued)</u>					
A	Girth 300mm - 450mm; fixed to cladding panels, brickwork and blockwork Insulated Parapet Capping to External Walls; Insulated parapet cappings complete with pressed metal flashings shall be supplied and installed to external walls; All insulation, flashings, cappings, fixings, support brackets, sealants, weatherproofing, and ancillary works shall be included in accordance with the drawings, specifications, and manufacturer's recommendations. <u>Capping</u>	40	m		
B	Girth 600mm - 750mm Insulated Pressed Metal Flashing; 140 × 50mm horizontal insulated pressed metal galvanised flashings shall be supplied and installed at the junction between the brick / rendered block wall and insulated cladding panels; girth:140mm; bends: 1nr mechanically fixed to cill drip; All insulation, fixings, sealants, jointing materials, weatherproofing, and ancillary works shall be included in accordance with the Architect's details, drawings, and specifications. <u>Flashings</u>	7	m		
C	Girth not exceeding 150mm <u>Woodwork: Insulation, Ironmongery, Accessories and Sundries</u>	36	m		
Ref: 2793		PD 50/10		To Collection €:	

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(21) EXTERNAL WALLS (Continued)</u>					
150mm Thick Cavity Wall Thermal Insulation System; 150mm loose fill expanded polystyrene (EPS) bead insulation supplied and injected with a binding agent to a 150mm cavity; KOREFILL Diamond Cavity Blown or equal approved Insulation Bead having a maximum thermal conductivity of 0.033 W/mK to achieve a maximum wall elemental U-value of 0.21 W/m²K; to be in accordance with BS EN ISO 6946 calculations agreement certified (NSAI Cert 07/0293); All insulation materials, cavity filling, wall ties, fixings, sealing, and ancillary works shall be included in accordance with the manufacturer's recommendations and project specifications."					
<u>Insulation; thermal</u>					
A	150mm thick	226	m2		
<u>Structural: Steelwork</u>					
Insulated Double Leaf Steel Lintel in Brick Facades; Keystone S/K-150 (215 WIL) or approved equivalent insulated double leaf steel lintels shall be supplied and installed to brick facades; All bearings, fixings, supports, insulation, and ancillary works shall be included in accordance with the drawings, specifications, and manufacturer's recommendations.					
<u>Lintels</u>					
B	1,300mm long	1	nr		
C	1,420mm long	2	nr		
D	2,500mm long	2	nr		
E	3,800mm long	1	nr		
Cold rolled members					

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(21) EXTERNAL WALLS (Continued)</u>					
<u>Kingspan Purlins / cladding rails, hot dipped galvanised steel; including all fixings, flashings, trims, closures and trimming around openings, anti-sag measures, rafter restraints, support brackets, etc. as recommended by the manufacturer; all to the full satisfaction of the Structural Engineer</u>					
A	Multibeam, mechanically fixed to band beam	1.09	t		
<u>Proprietary cleats, drilled and fixed to reinforced concrete band beams with appropriate fixings</u>					
B	Multibeam - concrete cleats	48	nr		
<u>Metalwork: Non-Structural</u>					
Steel support plates, brackets and ties for external window systems: Galvanised steel flats 150mm X 8mm X c. 350mm length plates, with 4nr 10mm dia. countersunk holes; 2mm dense PVC sheet thermal break layer at 750 centre to centre, 10mm cadmium plated hex head bolts fixed chemfix adhesive system ;to the soffit of the band beams at the head and at the RC cill cantilevering outwards with slot holes (2no. per plate), 15mm X 50mm long.					
<u>Galvanised steel flats 150mm X 8mm X c. 350mm length plates</u>					
C	at window head level	17	nr		
RSA Window Frame Support; 150 × 150 × 10mm Rolled Steel Angle (RSA) supports shall be supplied and installed to window frames and shall be fixed to blockwork using 8mm diameter stainless steel concrete screws at 450mm centres; All steel sections, fixings, corrosion protection, and ancillary works shall be included in accordance with the drawings, specifications, and Engineer's details.					
<u>Bars, rods and the like; support angles</u>					
D	Window frame support	12	m		

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(21) EXTERNAL WALLS (Continued)</u>					
Weatherproof Silicone Sealant Bead at DPC Level; A 10mm external weatherproof silicone sealant bead shall be applied to the top of flashing at DPC level to provide a continuous watertight seal; All surface preparation, primers, backing materials, sealants, and ancillary works shall be included in accordance with the manufacturer's recommendations and project specifications.					
<u>Bars, rods and the like; beading</u>					
A	wall base beading Weather-Resistant Silicone Sealant; Durable weather-resistant silicone sealant shall be applied to all window perimeter joints and interfaces requiring weatherproof sealing in accordance with the window manufacturer's specification; All surface preparation, primers, backing materials, sealants, and ancillary works shall be included to provide a complete weather-tight seal.	55	m		
<u>Bars, rods and the like; beading</u>					
B	Window beading PVC Angle Beads to External Wall Openings; PVC angle beads shall be supplied and installed around openings in the external cavity wall outer leaf to provide straight and durable plaster/render arrises; All fixings, embedding, making good, and ancillary works shall be included in accordance with the drawings, specifications, and manufacturer's recommendations.	40	m		
<u>Bars, rods and the like; beading</u>					
C	External wall beading <u>Façade Systems and Curtain Walling</u>	73	m		
Ref: 2793		PD 50/13		To Collection €:	

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(21) EXTERNAL WALLS (Continued)</u>					
91mm PIR Insulated External Wall Cladding Panel System; 91mm thick PIR insulated external wall panels, to have a Thermal Conductivity (λ) of 0.020 W/m.K. or better, comprising 0.7mm external grade coated steel facing with fine micro-ribbed profile in the Architect's selected colour, 90mm PIR insulation core, and 0.7mm white coated internal steel facing, complete with factory-applied side joint seals; Panels shall be horizontally laid and fixed to approved cladding rails and vertical multi-beams; The system shall comply with BS EN 14509, achieve Class O to BS 476 Part 6:2009 and compliant with the requirements of LPS 1181 Grade EXT-B, BROOF(t4) classification in accordance with EN 13501-5, and hold NSAI Agrément Certification; All panels, fixings, flashings, sealants, insulation, certification, and ancillary works shall be included in accordance with the drawings and specifications.					
<u>Façade and curtain walling systems</u>					
A	Exceeding 300mm wide	121	m2		
<u>Firestopping</u>					
PWCB Cavity Barrier; Rockwool or approved equivalent PWCB cavity barriers, size 1200 × 200 × 160mm, shall be supplied and installed, manufactured from non-combustible stone wool encapsulated within a resilient polythene sleeve; Cavity barriers shall be tested to BS 476 and/or BS EN 1366 and shall provide 60 minutes fire integrity and 60 minutes fire insulation; All brackets, fixings, fire-stopping materials, certification, and ancillary works shall be included in accordance with the drawings, specifications, Engineer's details, and manufacturer's recommendations.					
<u>Fire barriers; walls</u>					
B	150mm wide overall; horizontal; cavity walls	10	m		
C	150mm wide overall; vertical; cavity walls	18	m		

Pricing Document

Description	Qty	Unit	Rate	Total
			€	€
<u>(21) EXTERNAL WALLS (Continued)</u>				
<u>ANY OTHER ITEMS</u>				
Quantity Adjustments				
<u>The Contractor to include here for any quantity adjustments necessary on any of the above items</u>				
A		noid		
B		noid		
C		noid		
Any works deemed necessary to complete the work as indicated on the Architect's / Engineers drawings but not specifically identified and scheduled above				
<u>The Contractor shall describe and include here for any additional items in Qty Unit Rate format</u>				
A		noid		
B		noid		
C		noid		
Total				
Ref: 2793 PD 50/15 To Collection €:				

**Brennan
Associates**

[illegible]

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(22) INTERNAL WALL, PARTITIONS</u>					
<u>GENERALLY</u>					
The Contractor should note the following					
<u>Notes</u>					
Block wall heights are measured to the underside of the slab soffit, and where beams occur, the wall heights are measured to the underside of the beams.			note		
The Contractor is deemed to have visited the site and to have familiarised himself with the full scope and intent of the Works as described in the Tender Documents, including any restrictions or constraints placed on carrying out the various operations.			note		
<u>CONCRETE WORK: Precast Concrete / Composite Construction / Stone Faced Concrete Panels</u>					
Pre-stressed precast concrete lintels; minimum bearing 150mm each side; all in accordance with the Architectural and Engineering Drawings					
<u>Lintels</u>					
A	215mm wide x 65mm high x 1300mm long; L1	1	nr		
<u>BRICKWORK AND BLOCKWORK: Brickwork / Blockwork</u>					
Solid concrete block wall, minimum compressive strength 13N/mm², laid flat and manufactured in accordance with I.S. EN 771-3:2011+A1:2015; bedded in cement mortar in accordance with the project specifications; wall finished with 20mm plaster to both sides comprising a scud coat, scratch coat and skimmed plaster finish; plastered surfaces to be left ready to receive final decoration (measured elsewhere); all in accordance with the Architect's and Engineer's drawings and specifications					
<u>Walls: Concrete Blockwork</u>					
B	100mm thick	31	m2		

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(22) INTERNAL WALL, PARTITIONS (Continued)</u>					
A	215mm thick <u>Labours</u>	29	m2		
B	On blockwork <u>Brickwork and Blockwork: Ancillaries to Brickwork/Blockwork</u> <u>Designed Joint</u> <u>Blockwork Connection to Steel Columns; Ancon PPB 225 debonded L-ties or approved equivalent shall be supplied and installed to connect blockwork to steel columns at 225mm vertical centres and shall be fixed using E-XBOHR 5 16 5.5 × 50 self-tapping fixings or approved equivalent; All ties, fixings, debonding sleeves, and ancillary works shall be included in accordance with the drawings, specifications, Engineer's details, and manufacturer's recommendations.</u>	1	Item		
C	Bonding walls to steel columns; 215mm thick <u>Masonry fixed to steel beam using Ancon SAH-UO with extended head or equal approved</u>	8	m		
D	Bonding to B1; 215mm thick walls <u>FIRESTOPPING</u> Linear firestop seal between top of blockwork and underside of slab/beam comprising compressed stone mineral wool infill and 20mm intumescent mastic edge seal, providing fire resistance to match the wall fire rating, complete with all necessary accessories and installation. <u>Fire Barriers;walls</u>	18	m		
E	not exceeding 300 wide;horizontal Firestopping to pipes, cable ducts, flues and other service penetrations where applicable; complete with all necessary fire-rated materials and accessories. <u>Identification</u>	16	m		

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(22) INTERNAL WALL, PARTITIONS (Continued)</u>					
A	Firestopping for services	1	Item		
<u>FLOOR,WALL AND CEILING FINISHING: Stud partitions</u>					
Metal stud partition wall to achieve a Stud Partition Wall Fire Resistance (BS 476): of 30 minutes minimum, GypWall Product Substantiation Report (PSR) reference A206233, overall width 124mm; 92 x 50mm(92S50) metal stud framework at 600mm centres, with Gypframe channel 94C50 Floor & Ceiling Channel, Gypframe 94DC60 Deep Floor & Ceiling Channel on partitions; 90mm acoustic insulation fitted between studs (APR1200) to be fitted between metal studs & achieve a Sound Insulation 47 RwdB or better; Acoustic insulation to be non-combustible mineral wool insulation (glass wool or stone wool). Reaction to fire classification: Euroclass A1Form: Semi-rigid slabs or flexible rolls packed full fill; 1nr layer of 15mm Gyproc SoundBloc or equal approved plasterboard fixed to both sides; to receive skim coat with paint finish (measured elsewhere); 52 Rw dB sound resistance; partition duty rating heavy; including all fixings and sealants (fire, acoustic, etc.); Acoustical Sealant: To be applied around perimeter to both sides partition framework; all in accordance with the Architect's and Structural Engineer's drawings and specifications.					
<u>Metal and stud partitions, 30 minute fire-rated</u>					
B	3,260mm high; GF	2	m		
C	3,375mm high; GF	2	m		
D	3,440mm high; GF	9	m		
<u>Extra over for;</u>					
E	deflection heads; 119mm wide; Head track fixed to floor / roof above; Studs cut 15mm short of underside of roof panel and not fixed to head track to allow movement; Install fire-rated compressible deflection head seal (e.g. mineral wool with intumescent sealant fire stopping)	13	m		
Ref: 2793		PD 51/3		To Collection €:	

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(22) INTERNAL WALL, PARTITIONS (Continued)</u>					
A	angles to partitions; 3,260mm high	1	nr		
B	angles to partitions; 3,440mm high	2	nr		
C	three-way intersection; 3,440mm high	1	nr		
D	abutments to other finishes; 3,260mm high	1	nr		
E	abutments to other finishes; 3,440mm high	2	nr		
F	movement joints; (if required)	1	Item		
G	Forming Openings; size 1000x2100mm	3	nr		
<u>Grounds</u>					
H	600mm wide x 2,400mm high x 18mm Plywood grounds fixed between metal studs to partitions of varying heights to provide grounds for items fixed to partitions; Plywood to be fitted within partition structure zone	2	nr		
J	600mm wide x 1,200mm high x 18mm Plywood grounds fixed between metal studs to partitions of varying heights to provide grounds for items fixed to partitions; Plywood to be fitted within partition structure zone	2	nr		
<u>Labours</u>					
K	Making good and cutting around obstructions; girth 300mm to 1,000mm	2	nr		
<u>ANY OTHER ITEMS</u>					
Quantity Adjustments					
<u>The Contractor to include here for any quantity adjustments necessary on any of the above items</u>					
A			noid		
B			noid		
C			noid		
Any works deemed necessary to complete the work as indicated on the Architect's / Engineers drawings but not specifically identified and scheduled above					
Ref: 2793		PD 51/4		To Collection €:	

[illegible]

**Brennan
Associates**

[illegible]

**Brennan
Associates**

Description	Qty	Unit	Rate	Total
			€	€
<u>(27) ROOFS</u>				
<u>GENERALLY</u>				
The Contractor should note the following				
<u>Notes</u>				
Refer to Architect's / Civil & Structural / Building Service Engineer's Drawings & Specifications for full details		note		
The tenderer is advised that the measurement and descriptions are to be read in conjunction with the Architect's and Engineer's Drawings and Specification		note		
The structural steel quantities set out below are based on the nett mass of the steel sections as indicated on the Structural Engineer's drawings (nett length measured), plus an allowance of 10% for fittings (end plates, etc..). If the Tenderer believes that the 10% included for fittings is not adequate, he should make the necessary adjustment to reflect the appropriate additional / reduced allowance for fittings. In accordance with ARM Fittings are deemed to include Caps, Bases, Haunches, Gussets, end plates, Splice Plates, Cleats, Brackets, Stiffeners, Distance Pieces, and the like.		note		
All Bolts nuts and washers including forming holes for fixings are deemed to be included.		note		
Responsibility for all structural steel to steel connection details and adequacy and compliance with current regulations and the specification shall lie with the Contractor; the Contractor is deemed to have included for all steel to steel connections in his pricing of the measurement items; final proposals for all structural steel to steel connections and fabrication drawings shall be forwarded to the structural engineer prior to the execution of the works; the Contractor is deemed to have included in his rates for all steel to steel connections		note		
<u>CONCRETE WORK: In-situ concrete</u>				

Ref: 2793

PD 52/1

To Collection €:

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(27) ROOFS (Continued)</u>					
Reinforced In-situ concrete; comprising compressive strength class C30/37; maximum aggregate size 20mm; slump class S3; exposure condition XC2; vibrated; all in accordance with Engineers specification					
<u>Beams</u>					
A	Reinforced concrete RC band beam; Cross sectional area not exceeding 0.10m ² ; BB.1 - 215x215mm	3	m ³		
<u>CONCRETE WORK: Reinforcement</u>					
Bar; straight or bent; Grade B500B; complying with BS4449 standard; required overlap; as per the Engineers specification.					
<u>Bars</u>					
B	straight or bent including stirrups; not exceeding 12mm diameter; to beams	0.55	t		
<u>CONCRETE WORK: Formwork</u>					
Formwork, Grade C16 timber; as per the Engineers specification					
<u>Beams</u>					
C	rectangular; to RC band beams	82	m ²		
<u>STRUCTURAL: STEELWORK</u>					
Ref: 2793		PD 52/2		To Collection €:	

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(27) ROOFS (Continued)</u>					
Structural steelwork; Designed and fabricated in strict accordance with the Structural Engineers Specification; all steelwork to be Grade S355JR with EN10025; hot rolled structural steel sections; bolted site connections; protective treatment to all structural steel components in accordance with IS EN ISO 12944 - "Execution of Steel Structures and Aluminium Structures" and also certified for CE Marking; blast clean SA 2.5, primed with 2 pack epoxy zinc rich primer to BS4652 to nominal dry film thickness 25 microns by airless spray to blasted steel; 80 micron high build zinc phosphate epoxy primer, to be compatible with fire-protection coatings, For fully/partially external steel, apply second coat of High Build Epoxy MIO to a dry film; thickness of 100 microns include for all nuts and bolts to be degreased and coated; including all in strict accordance with the Engineers specification.					
<u>Beams; Fabricated Members; Primary Steelwork; 25kg/m to 50kg/m</u>					
A	B.1; UB305x165x40	1.20	t		
B	B.2; UB356x127x39	0.88	t		
<u>Extra over</u>					
C	Fishtail lugs welded onto B.5 steel at 225mm centres along the full length of steel member into blockwork wall edge	14	m		
D	B.4: PFC200x90x30	0.13	t		
E	B.5; UB203x133x25	0.46	t		
<u>Extra over</u>					
F	Fishtail lugs welded onto B.5 steel at 225mm centres along the full length of steel member into blockwork wall edge	16.48	m		
<u>Stanchions; Fabricated Members; Primary Steelwork; not exceeding 25kg/m</u>					
G	stud columns; C.3; UC152x152x23	0.25	t		

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(27) ROOFS (Continued)</u>					
<u>Bracings; Fabricated Members; Primary Steelwork; not exceeding 25kg/m</u>					
A	BR.1; CHS114.3x8	1.13	t		
B	BR.2; CHS88.9x6.3	0.24	t		
<u>Hangers; Fabricated Members; Primary Steelwork; Not Exceeding 25kg/m</u>					
C	C.4: SHS:60x60x5	0.01	t		
Bolts					
<u>M20 Bolts</u>					
D	M20 grade 8.8 chemical anchors with Hilti Hit-RE500 V3 Epoxy, minimum embedment 150mm, chemical anchors to be installed in accordance with manufacturers specification and details	64	nr		
Sundries					
E	Allow drilling or forming holes in other construction for fixing of steel work (RC Band beams, Columns, U-Blocks, Blockwork, etc.	64	nr		
Cold rolled members					
<u>Purlins: IFC beam; light guage Kingspan multibeam rails; zinc coating finish; refer 3D drawing and 2D drawing for more details: 23009-S-DR-5152 Structural Roof Layout Building C</u>					
F	M145065200 purlins; < 25kg/m	0.74	t		
<u>Proprietary cleats, drilled and fixed to reinforced concrete band beams, blockwork with appropriate fixings</u>					
G	Multibeam - concrete cleats	10	nr		
<u>ANY OTHER ITEMS</u>					
Quantity Adjustments					
<u>The Contractor to include here for any quantity adjustments necessary on any of the above items</u>					
Ref: 2793		PD 52/4		To Collection €:	



Pricing Document

Description	Qty	Unit	Rate	Total
			€	€
<u>(27) ROOFS (Continued)</u>				
A		noid		
B		noid		
C		noid		
Any works deemed necessary to complete the work as indicated on the Architect's / Engineers drawings but not specifically identified and scheduled above				
<u>The Contractor shall describe and include here for any additional items in Qty Unit Rate format</u>				
A		noid		
B		noid		
C		noid		
Total				

[illegible]

**Brennan
Associates**

Description	Qty	Unit	Rate	Total
			€	€
<u>(28) FRAMES</u> <u>GENERALLY</u> The Contractor should note the following <u>Notes</u> Refer to Architect's / Civil & Structural / Building Service Engineer's Drawings & Specifications for full details The structural steel quantities set out below are based on the nett mass of the steel sections as indicated on the Structural Engineer's drawings (nett length measured), plus an allowance of 10% for fittings (end plates, etc..). If the Tenderer believes that the 10% included for fittings is not adequate, he should make the necessary adjustment to reflect the appropriate additional / reduced allowance for fittings. In accordance with ARM Fittings are deemed to include Caps, Bases, Haunches, Gussets, end plates, Splice Plates, Cleats, Brackets, Stiffeners, Distance Pieces, and the like. All Bolts nuts and washers including forming holes for fixings are deemed to be included. Responsibility for all structural steel to steel connection details and adequacy and compliance with current regulations and the specification shall lie with the Contractor; the Contractor is deemed to have included for all steel to steel connections in his pricing of the measurement items; final proposals for all structural steel to steel connections and fabrication drawings shall be forwarded to the structural engineer prior to the execution of the works; the Contractor is deemed to have included in his rates for all steel to steel connections <u>CONCRETE WORK: In-Situ Concrete</u> Reinforced In-situ concrete; comprising compressive strength class C30/37; maximum aggregate size 20mm; slump class S3; exposure condition XC2; vibrated; all in accordance with Engineers specification		note note note note		

Ref: 2793

PD 53/1

To Collection €:

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(28) FRAMES (Continued)</u>					
<u>Columns</u>					
A	cross-sectional area not exceeding 0.10m ² ; reinforced; circular	1	m ³		
<u>CONCRETE WORK: Reinforcement</u>					
Bar; straight or bent; Grade B500B; complying with BS4449 standard; required overlap; as per the Engineers specification.					
<u>Bars</u>					
B	straight or bent stirrups; not exceeding 12mm diameter; to columns	0.05	t		
C	straight or bent; exceeding 12mm but not exceeding 25mm diameter; to columns	0.10	t		
<u>CONCRETE WORK: Formwork</u>					
Grade C16 timber; as per the Engineers specification.					
<u>Columns</u>					
D	isolated; rectangular; to RC columns	12	m ²		
<u>STEELWORK: Structural</u>					
Ref: 2793		PD 53/2		To Collection €:	

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(28) FRAMES (Continued)</u>					
Structural steelwork; Designed and fabricated in strict accordance with the Structural Engineers Specification; all steelwork to be Grade S355JR with EN10025; hot rolled structural steel sections; bolted site connections; protective treatment to all structural steel components in accordance with IS EN ISO 12944 - "Execution of Steel Structures and Aluminium Structures" and also certified for CE Marking; blast clean SA 2.5, primed with 2 pack epoxy zinc rich primer to BS4652 to nominal dry film thickness 25 microns by airless spray to blasted steel; 80 micron high build zinc phosphate epoxy primer, to be compatible with fire-protection coatings, For fully/partially external steel, apply second coat of High Build Epoxy MIO to a dry film; thickness of 100 microns include for all nuts and bolts to be degreased and coated; including all in strict accordance with the Engineers specification.					
<u>Stanchions; Fabricated Members; Primary Steelwork</u>					
A	C1 - UB 305X165X54; 50 - 100 kg/m	1.30	t		
B	C2 - PFC 200X90X30; 25 - 50 kg/m	0.34	t		
C	C3 - UC 152X152X23; < 25 kg/m	0.13	t		
<u>Bracings; Fabricated Members; Primary Steelwork</u>					
D	BR2-CHS 88.9X6.3 ; < 25 kg/m	0.30	t		
<u>Fittings</u>					
E	Allow a provision of 10% of the total weight	0.21	t		
Bolts					
<u>M20 Bolts</u>					
F	M20 grade 8.8 chemical anchors with Hilti Hit-RE500 V3 Epoxy, chemical anchors to be installed in accordance with manufacturers specification and details	24	nr		
Holding Down Assembly					
<u>Holding Down</u>					
Ref: 2793		PD 53/3		To Collection €:	

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(28) FRAMES (Continued)</u>					
A	120x220X12mm baseplate	2	nr		
B	250x350X20mm baseplate	5	nr		
Grouting					
<u>Non-shrink grout</u>					
C	Holding Down Bolts	24	nr		
D	Base Plate	7	nr		
Sundries					
E	Allow drilling or forming holes in other construction for fixing of steel work	7	nr		
F	Allow for 300mm long SPS ANCON wall ties and hammer on ties by ANCON OEA at 225mm centers to masonry; as per the drawing 23009-S-DR-5550_TA2.	4	nr		
<u>ANY OTHER ITEMS</u>					
Quantity Adjustments					
<u>The Contractor to include here for any quantity adjustments necessary on any of the above items</u>					
A	.....		noid		
B	.....		noid		
C	.....		noid		
Any works deemed necessary to complete the work as indicated on the Architect's / Engineers drawings but not specifically identified and scheduled above					
<u>The Contractor shall describe and include here for any additional items in Qty Unit Rate format</u>					
A	.....		noid		
B	.....		noid		
C	.....		noid		
Total					

**Brennan
Associates**

[illegible]

Pricing Document

Description	Qty	Unit	Rate	Total
			€	€
<u>(31) EXTERNAL WALLS: COMPLETIONS</u> <u>GENERALLY</u> The Contractor should note the following <u>Notes</u> Refer to Architect's / Civil & Structural / Building Service Engineer's Drawings & Specifications for full details All door and window measurements are based on the latest revised door and window schedules. <u>Woodwork: Boarding and Second Fixings</u> Window Board; 20mm medite window boards with bullnose edging; 280mm wide x 10mm thick medite continuous packer strips to underside of the windowboard to finish flush with plaster finish to wall; Medite Packer to be cut to profile of 10mm steel window supports and fixed to concrete / masonry substrate; front face of Mediite packer prepared to receive paint finish; provide vertical 50mm x 10mm medite cover slips screw face fixed to plastered walls below window boards with gripfill and screws; complete with all fixings, accessories, and ancillary works in accordance with the drawings and specifications. <u>Second fixings</u> A 330mm x 20mm thick <u>Metalwork: Non-Structural</u> External plant room door units comprising composite steel frames and flush insulated side panle and steel door with integrated vented louvers; overhead lourved panel as detailed on the Architect's door schedules, finished in RAL 9005 (Black), including all ironmongery, fixings, sealants, ancillary components and associated works required for a complete installation, with the complete door assembly complying with BS EN 14351-1; all in accordance with the Scope of Works and Architectural Specification.	12	m		
Ref: 2793	PD 54/1		To Collection €:	

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(31) EXTERNAL WALLS: COMPLETIONS (Continued)</u>					
<u>Door and frame set</u>					
A	DG-32; overall size 1000mm x 2100mm high; single door Composite Items; External door units comprising thermally broken uPVC frames finished in RAL 9005 (approved by the Architect) with double-glazed units consisting of 2 No. 6mm glass panes, 12–18mm argon/krypton gas-filled cavity, low-emissivity coatings and warm-edge spacers to achieve a maximum elemental U-value of 1.6 W/m²K, including all ironmongery, mechanical fixings, brackets, straps, silicone and insulated sealants, ancillary components and associated works required for a complete installation, with all ironmongery and door assemblies complying with the manufacturer's recommendations, relevant certificates and Declarations of Performance (DoPs), and BS EN 14351-1; all in accordance with the Scope of Works and Architectural Specification.	1	nr		
<u>Door and Frame; Glazed</u>					
B	DG-30; overall size 1120mm x 2700mm high; Single door with overhead glazed panel	1	nr		
C	DG-31; overall size 1120mm x 2700mm high; Single door with overhead glazed panel	1	nr		
D	DG-33; overall size 1120mm x 2700mm high; Single door with overhead glazed panel	1	nr		
Ref: 2793		PD 54/2		To Collection €:	

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(31) EXTERNAL WALLS: COMPLETIONS (Continued)</u>					
External sectional roller shutter door units comprising zinc-coated steel sandwich-type panels with thermally broken cores filled with dense HCFC-free polyurethane foam, complete with double rubber sealing profiles to the underside and sides incorporating inward-curved sealing lips for optimum weather sealing, finished in RAL 9005 (approved by the Architect), and including all tracks, guides, operating mechanisms, ironmongery, fixings, sealants, ancillary components and M&E interfaces required for a complete installation in accordance with the Architect's door schedules; doors shall achieve a panel thickness of 80mm, panel insulation U-value of 0.25 W/m²K, overall door U-value of approximately 0.49 W/m²K, PU foam density of 40kg/m³, 0.5mm steel sheet thickness and 275g/m² zinc coating, and shall comply with the manufacturer's recommendations, EN 13241, EN 16034, and all relevant certification and Declaration of Performance (DoP) requirements; all in accordance with the Scope of Works and Architectural Specification. <u>Roller shutter</u>					
A	DG-34; overall size 3800mm x 4900mm high; roller shutter door	1	nr		
Ref: 2793		PD 54/3		To Collection €:	

**Brennan
Associates**

Description	Qty	Unit	Rate	Total
			€	€
<u>(31) EXTERNAL WALLS: COMPLETIONS (Continued)</u>				
Composite Item; Proprietary glazing system; thermally broken uPVC framed window units to RAL 9005 externally and RAL colour white internally (approved by the Architect), incorporating double-glazed insulated glass units comprising 2 no. 6mm panes with 12–18mm argon/krypton-filled cavity, Low-E coatings and warm-edge spacers achieving a maximum elemental U-value of 1.6 W/m²K; expanding foam to fill gaps and non-migrating silicone sealant; opening sections as indicated including all ironmongery, fixings, brackets, sealants, insulation, ancillary components and associated works necessary for a complete installation, with the entire window assembly complying with BS EN 14351-1 and the manufacturer's recommendations, specifications, certificates and Declarations of Performance (DoPs); all in accordance with the Scope of Works and Architectural Specification <u>Windows; including 2no. 710mm high top hung opening sections</u> WG-14; overall size 2200mm x 1425mm high 1 nr WG-15; overall size 2200mm x 1425mm high 1 nr WG-17; overall size 2200mm x 1425mm high 1 nr <u>Windows; including 2no. 710mm high top hung opening sections both sides</u> WG-16; overall size 3500mm x 1425mm high 1 nr <u>Windows; top hung fully openable</u> WG-13; overall size 600mm x 745mm high 1 nr WG-18; overall size 900mm x 970mm high 1 nr <u>Painting and Decorating: Painting</u>				

Ref: 2793

PD 54/4

To Collection €:

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(31) EXTERNAL WALLS: COMPLETIONS (Continued)</u>					
Sand, fill and prime 20mm thick Medite window board with bull nose edging; Including 50mm x 10mm cover facing slip; finished with 3no. coats of Matte oil paint to architects later selected shade; all in accordance with the Architect's drawings and specifications					
<u>Second fixings</u>					
A	Girth exceeding 300mm	4	m2		
<u>ANY OTHER ITEMS</u>					
Quantity Adjustments					
<u>The Contractor to include here for any quantity adjustments necessary on any of the above items</u>					
A	.....		noid		
B	.....		noid		
C	.....		noid		
Any works deemed necessary to complete the work as indicated on the Architect's / Engineers drawings but not specifically identified and scheduled above					
<u>The Contractor shall describe and include here for any additional items in Qty Unit Rate format</u>					
A	.....		noid		
B	.....		noid		
C	.....		noid		
Total					
Ref: 2793		PD 54/5		To Collection €:	

[illegible]

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(32) INTERNAL WALL, PARTITIONS COMPLETION</u>					
<u>GENERALLY</u>					
The Contractor should note the following					
<u>Notes</u>					
Refer to Architect's / Civil & Structural / Building Service Engineer's Drawings & Specifications for full details			note		
<u>WOODWORK: Composite Items</u>					
Composite items; Door and associated frame set; complete; 44mm thick single leaf flush solid core door; hardwood veneered finish; softwood door frame 100mm x 44mm thick; 18mm rebates; fixing frame to blockwork / studwork by plugging, countersinking, pelleting with concealed fixings; including intumescent strips; complete with ironmongery (measured separately), packers, trims, beads, slips, sealants, fixings and all necessary accessories; Paint finish measured elsewhere; all in accordance with the Architect's drawings, schedules and specifications. all reference Architects Drawings and schedules;					
<u>Door and frame set complete; Non Fire Rated; Single leaf; to include softwood glazed beads</u>					
A	Type 1; overall size 1,000mm x 2,100mm	2	nr		
B	Type 2; overall size 1,000mm x 2,100mm; FD30S; Pyro 30 insulated glass vision panel	4	nr		
<u>WOODWORK: Boarding and second fixings</u>					
80mm x 20mm splayed MDF architraves to both sides of internal door surrounds; mechanically fixed complete with all necessary fixings, preparation and making good; paint finish measured elsewhere; all in accordance with the Architect's drawings and specification					
<u>Architraves</u>					
C	for door type 1	21	m		
Ref: 2793		PD 55/1		To Collection €:	

Pricing Document

	Description	Qty	Unit	Rate	Total
				€	€
	<u>(32) INTERNAL WALL, PARTITIONS COMPLETION</u> <u>(Continued)</u>				
A	for door type 2	42	m		
	<u>WOODWORK: Ironmongery, Accessories And Sundries</u>				
	Ironmongery; supply and fix the following ironmongery including all necessary fixings; complete; all in strict accordance with the manufacturers instructions and the Architect's Ironmongery schedule, drawings and Specifications				
	<u>Ironmongery; Non Fire Rated Doors and Fire Rated Doors (please refer to door schedule)</u>				
B	Frisco Stainless Steel Maintenance Free Self Lubricating Thrust Bearing Hinge to hEN1935 grade 4/7/6/1/1/4/0/14 and Certifire CF336; Ref: KH-14931R/SSS, or equal and approved	18	nr		
C	KCC Architectural Slimline Cam Action Slide Channel Door Closer to hEN1154 grade 3/8(4/2)1/1/3; Ref: KD-9200N/SSS, or equal and approved	5	nr		
D	Tigris Premium Patented Single Cylinder 45 to BS EN1303:2015 grade 1/6/0/B/0/C/6/C. Masterkeyed 2 Keys; Ref: KC-9501/MK2K/SNP, or equal and approved	4	nr		
E	KCC Floor Mounted Door Stop; Ref: KA-9501/SSS, or equal and approved	6	nr		
F	KCC Stainless Steel 304 Square Corner Kicking Plate. H150 x W900; Ref: KA-9710S/304/150X900/SSS, or equal and approved	10	nr		
G	KCC Grade 304 Stainless Steel 'Fire Door Keep Shut' Sign - White Text; Ref: KA-9200W/304/SSS, or equal and approved	6	nr		
H	Flexfire Fire Rated Graphite Based Intumescent Hingeplate Protector, 2mm, Black, Self Adhesive; Ref: KA-FS502R/BLK, or equal and approved	36	nr		
J	Fire Rated Graphite Based Intumescent Alloy 560 & 561 Lock Protector, 2mm, Black, Self Adhesive; Ref: KA-INT/GR560/65/2, or equal and approved	6	nr		
Ref: 2793		PD 55/2		To Collection €:	

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(32) INTERNAL WALL, PARTITIONS COMPLETION</u>					
<u>(Continued)</u>					
A	KCC Heavy Duty Modular Mortice Sashlock c/w Anti-Rattle Adjustable Strike Plate to hEN12209 grade 3 X 5 1 0 F 3 B C 2 0 and Certifire CF5234; Ref: KL-1901RAR/SSS, or equal and approved	3	nr		
B	Tigris Premium Patented Single & Turn Cylinder 3535 to BS EN1303:2015 grade 1/6/0/B/0/C/6/C. Masterkeyed 2 Keys; Ref: KC-9511/MK2K/SNP, or equal and approved	7	nr		
C	KCC Tubular Stainless Steel 304 19mm Unsprung Rose Lever Handle on Rose to BS EN1906:2012 grade 4/7-B/0/4/0/U; Ref: KF-2001/SSS, or equal and approved	6	sets		
D	KCC Stainless Steel 304 Euro Profile Escutcheon. 5mm; Ref: KF-2101/SSS, or equal and approved	6	nr		
E	KCC Heavy Duty Modular Bathroom Lock c/w Anti-Rattle Adjustable Strike Plate to hEN12209 grade 3 X 5 1 0 F-B G 2 0 and Certifire CF5234; Ref: KL-1904RAR/SSS, or equal and approved	2	nr		
F	KCC Stainless Steel 304 Standard Thumbturn & Indicator Release 6mm; Ref: KF-2110/SSS, or equal and approved	1	nr		
G	KCC Stainless Steel 304 Accessible Thumbturn & Release 60mm; Ref: KF-2111/SSS, or equal and approved	1	nr		
H	KCC Hat & Coat Hook; Ref: KA-9400/SSS, or equal and approved	2	nr		
J	KCC Grade 304 Stainless Steel Unisex Symbol; Ref: KA-9103/304/SSS, or equal and approved	2	nr		
K	KCC Stainless Steel 304 Square Corner Kicking Plate. H400 x W1000; Ref: KA-9710S/304/400X1000/SSS, or equal and approved	2	nr		
L	KCC Grade 304 Stainless Steel Accessible Symbol; Ref: KA-9102/304/SSS, or equal and approved	1	nr		
M	Solenoid Sash Lock, Euro Pierced; Ref: KEL-560-65/SSS, or equal and approved	1	nr		
Ref: 2793		PD 55/3		To Collection €:	

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(32) INTERNAL WALL, PARTITIONS COMPLETION</u> <u>(Continued)</u>					
A	Lever on Round Rose & Escutcheon set, for use with KEL-560, KEL-561. Set contains lever handles, 2 euro profile escutcheons and a blind rose; Ref: KEL-60-0319/SSS, or equal and approved	1	set		
B	6M Connector Cable for use with electric locks; Ref: KEL-EA218/GRY, or equal and approved	1	nr		
C	KCC Boxed Power Supply Unit, 12VDC 1amp; Ref: KAC-PS1A-12VS/WHT, or equal and approved	1	nr		
D	KCC Concealed Mortice Fixing Armoured Door Loop; Ref: KEA-DL400/BCP, or equal and approved	1	nr		
E	19mm diameter solid SS cranked round bar KF-8304B - BB/700; Ref: KF-8304B-BB/700, or equal and approved	4	nr		
F	Assembly point aluminium c 600X450 printed type suitable for external use and galvanised steel pole height above ground 2.2 metres set in concrete base minimum depth 600 x 600 x 800 complete position to be agreed on site: Assembly point sign	1	nr		
<u>PAINTING AND DECORATING: Painting</u>					
Prepare surfaces; one coat primer, two finish coats; finish coat applied in strict accordance with the manufacturers instructions; RAL colour to be confirmed by the Architect.					
<u>To timber surfaces</u>					
G	Doors; exceeding 300mm wide; painted both sides	26	m2		
<u>Second fixing</u>					
H	frames; not exceeding 300mm wide	32	m		
J	architraves; not exceeding 300mm wide	63	m		
<u>ANY OTHER ITEMS</u>					
Quantity Adjustments					
<u>The Contractor to include here for any quantity adjustments necessary on any of the above items</u>					
Ref: 2793		PD 55/4		To Collection €:	

Pricing Document

Description	Qty	Unit	Rate	Total
			€	€
<u>(32) INTERNAL WALL, PARTITIONS COMPLETION</u> <u>(Continued)</u>				
A		noid		
B		noid		
C		noid		
Any works deemed necessary to complete the work as indicated on the Architect's / Engineers drawings but not specifically identified and scheduled above				
<u>The Contractor shall describe and include here for any additional items in Qty Unit Rate format</u>				
A		noid		
B		noid		
C		noid		
Total				

--

Description	Qty	Unit	Rate	Total
			€	€
<u>(32) INTERNAL WALL, PARTITIONS COMPLETION</u> <u>(Continued)</u>				
COLLECTION				
PD 55/1:				
PD 55/2:				
PD 55/3:				
PD 55/4:				
PD 55/5:				
(32) INTERNAL WALL, PARTITIONS COMPLETION				
Carried to Summary:				

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(35) SUSPENDED CEILING</u>					
<u>GENERALLY</u>					
The contractor should note the following					
<u>Notes</u>					
Refer to Architect's / Civil & Structural / Building Service Engineer's Drawings & Specifications for full details			note		
<u>Floor, Wall and Ceiling Finishings: Suspended Ceilings</u>					
Suspended ceiling system to standard EN 13964 consisting of suspended click system; 595mm x 595mm x 24mm thick ceiling tiles with rebated edges to perimeter; white colour; to fit 600mm x 600mm grid geometry; suspension hangers 25mm x 25mm angle at 1200mm centres; 24mm wide T-profile ceiling grid with A24 edge detail; complete with 38mm high main runners / cross tees and all necessary accessories; All grid components made of galvanised steel with a smooth, white surface as per Architects Drawings and specification					
<u>Ceilings</u>					
A	depth of suspension hight exceeding 500mm and not exceeding 1000mm	54	m2		
<u>ANY OTHER ITEMS</u>					
Quantity Adjustments					
<u>The Contractor to include here for any quantity adjustments necessary on any of the above items</u>					
A	.....		noid		
B	.....		noid		
C	.....		noid		
Any works deemed necessary to complete the work as indicated on the Architect's / Engineers drawings but not specifically identified and scheduled above					
Ref: 2793		PD 56/1		To Collection €:	



Pricing Document

Description	Qty	Unit	Rate	Total
			€	€
<u>(35) SUSPENDED CEILING (Continued)</u>				
<u>The Contractor shall describe and include here for any additional items in Qty Unit Rate format</u>				
A		noid		
B		noid		
C		noid		
Total				
Ref: 2793 PD 56/2			To Collection €:	

[illegible]

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(41) WALL FINISHES EXTERNALLY</u>					
<u>GENERALLY</u>					
The Contractor should note the following					
<u>Notes</u>					
Refer to Architect's / Civil & Structural / Building Service Engineer's Drawings & Specifications for full details			note		
Metal angle beads, stop beads and lathing at junctions of differing backgrounds are deemed to be included			note		
<u>Floor, Wall and Ceiling Finishings: Finishings</u>					
Plaster Finish to External Cavity Wall Outer Leaf; Cement sand plaster/render finish shall be applied to the external cavity wall outer leaf; 3nr coats; Coat 1: 3-5mm thickness. - 1: 4 of Cement: Sharp Sand, include for a waterproof agent Sika or similar, Coat 2: 10-14mm thickness - Scratch Coat the mix ratio is 1: 5 of Cement: Plastering Sand with plasticiser Coat 3: 10-14mm thickness - Knapp Finish Coat - 1: 6 of Cement to Plastering Sand. All surface preparation, backing and finishing coats, beads, jointing, curing, and ancillary works shall be included in accordance with the drawings, specifications, and manufacturer's recommendations.					
<u>Walls</u>					
A	Exceeding 300mm wide	117	m2		
<u>ANY OTHER ITEMS</u>					
Quantity Adjustments					
<u>The Contractor to include here for any quantity adjustments necessary on any of the above items</u>					
A	.....		noid		
B	.....		noid		
C	.....		noid		
Ref: 2793		PD 57/1		To Collection €:	

Pricing Document

Description	Qty	Unit	Rate	Total
			€	€
<u>(41) WALL FINISHES EXTERNALLY (Continued)</u>				
Any works deemed necessary to complete the work as indicated on the Architect's / Engineers drawings but not specifically identified and scheduled above				
<u>The Contractor shall describe and include here for any additional items in Qty Unit Rate format</u>				
A		noid		
B		noid		
C		noid		
Total				

[illegible]

Description	Qty	Unit	Rate	Total
			€	€
<u>(42) WALL FINISHES INTERNALLY</u>				
<u>GENERALLY</u>				
The Contractor should note the following				
<u>Notes</u>				
Refer to Architect's / Civil & Structural / Building Service Engineer's Drawings & Specifications for full details		note		
<u>Floor, Wall and Ceiling Finishings: Finishings</u>				
Skim coat/plastering; Prepare and apply approximately 2-3 mm thick gypsum type skimmed plaster finish on both sides; to all walls as per specification.				
<u>Walls</u>				
Skim coat; exceeding 300mm wide	209	m2		
<u>Reveals</u>				
Skim coat; not exceeding 300mm wide	29	m		
<u>Floor, Wall and Ceiling Finishings: Tile, Slab and Mosaic Finishes</u>				
Ceramic wall tiles, Metro tile finish, size and colour to be confirmed, fixed with approved adhesive and grouted in accordance with the manufacturer's recommendations, complete, in accordance with drawing P22-034-BA-T-028/029/030.				
<u>Walls</u>				
Width exceeding 300mm; up to 2100mm high	5	m2		
<u>Sundries</u>				
Edge trim; girth not exceeding 150mm	7	m		
<u>Glazing</u>				

Ref: 2793

PD 58/1

To Collection €:

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(42) WALL FINISHES INTERNALLY (Continued)</u>					
Splash back; 6mm toughened glass; comply with EN 12600 with factory applied heat resistant paint; moisture and UV resistant, non-fading; machine polished edges, 90-degree finish, making the glass visually appealing and safe to touch; Arrised (to remove sharpness): The perimeter edges of glass are to feature a tiny 45-degree chamfer; corners are to be curved or rounded as per the specification.					
<u>Glazing</u>					
A	Not exceeding 4 m2; up to 100mm high	1	m2		
B	Not exceeding 4 m2; up to 790mm high	1	m2		
C	Not exceeding 4 m2; up to 950mm high	1	m2		
<u>Painting and Decorating: Painting</u>					
Prepare and apply of paint ; Matte vinyl emulsion paint; allow 3 no of coats: colours to be confirmed with architect on site: as per specification.					
<u>Walls</u>					
D	Girth exceeding 300 mm; up to 2800mm high	131	m2		
<u>Reveals</u>					
E	Girth not exceeding 300mm wide	29	m		
<u>ANY OTHER ITEMS</u>					
Quantity Adjustments					
<u>The Contractor to include here for any quantity adjustments necessary on any of the above items</u>					
A			noid		
B			noid		
C			noid		
Any works deemed necessary to complete the work as indicated on the Architect's / Engineers drawings but not specifically identified and scheduled above					
Ref: 2793		PD 58/2		To Collection €:	

[illegible]

Description	Qty	Unit	Rate	Total
			€	€
<u>(42) WALL FINISHES INTERNALLY (Continued)</u> COLLECTION PD 58/1: PD 58/2: PD 58/3: (42) WALL FINISHES INTERNALLY Carried to Summary:				
Ref: 2793			PD 58/4	

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(43) FLOOR FINISHES</u>					
<u>GENERALLY</u>					
The Contractor should note the following					
<u>Notes</u>					
Refer to Architect's / Building Service Engineer's Drawings & Specifications for full details			Note		
The Contractor is deemed to have visited the site and familiarise themselves with all existing site conditions / features to ascertain the nature and extent of the work required for pricing purposes			Note		
<u>Woodwork: Boarding and second fixings</u>					
MDF skirting; 20mm thick; paint finish (measured separately); all as per Catalyst BO'D scope specification details.					
<u>Second fixings</u>					
A	skirting; 150mm high	61	m		
<u>FLOOR, WALL AND CEILING FINISHINGS: Finishings</u>					
<u>IN SITU FINISHES</u>					
Achieving required moisture content in new concrete floors prior to laying floor finish; in preparation for new floor finishes; compatible with respective floor finish; Moisture suppressing DPM to be poured on concrete floor in preparation for new floor finishes; all in accordance with the Manufacturers Instructions and Architects Specifications					
<u>Moisture suppressing DPM</u>					
B	under marmoleum	34	m2		
C	under carpet tiles	19	m2		
D	under anti-slip mattwell	2	m2		
Ref: 2793		PD 59/1		To Collection €:	

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(43) FLOOR FINISHES (Continued)</u>					
Levelling compound or equal approved; in preparation for new floor finishes; compatible with respective floor finish; to be poured on concrete floor in preparation for new floor finishes; primed with primer, poured in accordance with the Manufacturers Instructions and Architects Specifications <u>Concrete Floors</u>					
A	At contractors discretion; under marmoleum	1	Item		
B	At contractors discretion; under carpet tiles	1	Item		
C	At contractors discretion; under anti-slip mattwell	1	Item		
<u>Floor, wall and ceiling finishes: Finishings</u>					
Supply and install approved 2mm thick heavy-duty industrial-grade R10 slip-resistant (marmoleum 01) flooring with 0.7mm wear layer, pure plasticised PVC wear layer with PUR pearl textured surface, quartz/carborundum particles for sustainable slip resistance, Class 34/43 - with 2mm thick sheet (2000mm width); Group T wear rating, complying with EN 16165 Annex B (R10) and HSE recommendations. Flooring to be low maintenance, durable, suitable for wet and high-traffic areas; with backing containing minimum 50% recycled content and manufactured under ISO 14001 environmental standards. Prepare substrate as required, including leveling compound; reno 2 coat epoxy primer and moisture barrier where necessary; Install using Eurocol 540 adhesive or equal and approved; complete with welded joints and all accessories; with 150mm self-coved skirting allow for cove former 38mm radius tapered to architraves(180mm H for the stairs). Colour / Pattern to be approved by architect and fitted as per drawings & spec. in accordance with manufacturer's recommendations refer spec: Catalyst BO'D scope <u>Floors</u>					
Ref: 2793		PD 59/2		To Collection €:	

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(43) FLOOR FINISHES (Continued)</u>					
A	exceeding 300mm wide <u>Skirtings</u>	25	m2		
B	girth not exceeding 150mm Supply and install approved 2.0mm thick R12 slip-resistant heterogeneous PVC sheet (marmoleum 03) flooring complying with BS EN ISO 10582, BS EN 13845, EN 16165 Annex B (R12) and BS EN 685 / ISO 10874 Class 34/43. Flooring shall provide durable slip resistance with Wet Pendulum Test Value ≥36 and surface roughness ≥20 microns, suitable for heavy-duty commercial and industrial applications. Install using Euracol 540 Eurosafe special, Eurocol 640 Eurostar Special, Eurocol 140 Euromix PU, Eurocol 233 Eurosol Contact; manufacturer-approved adhesive systems and complete with grooved, heat-welded joints using matching weld rods; as clause 820 omitting polish finish; with 150mm self coved skirting. Colour and pattern shall be selected and approved by the Architect. Including accessories and all associated works in accordance with manufacturer's recommendations refer spec: Catalyst BO'D scope <u>Floors</u>	27	m		
C	exceeding 300mm wide <u>Skirtings</u>	9	m2		
D	girth not exceeding 150mm	15	m		
Ref: 2793		PD 59/3		To Collection €:	

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(43) FLOOR FINISHES (Continued)</u>					
Supply and install approved heavy-duty recessed entrance matting system complete with scraper bars and ECONYL® (or equal approved) inserts with rigid PVC scrapers, designed to effectively remove dirt and moisture from foot traffic. Matting shall be minimum 22mm thick, UV resistant, and suitable for recessed installation within finished concrete floor recesses. System shall comply with EN 13501-1 and EN 1307 requirements. including all accessories and fittings in accordance with manufacturer's recommendations refer spec: Catalyst BO'D scope <u>Floors</u>					
A	exceeding 300mm wide	2	m2		
Supply and install approved Class 33 heavy commercial-use carpet tiles, 500mm x 500mm, solution-dyed and suitable for high-traffic areas, complete with approved tackifier adhesive in accordance with the manufacturer's recommendations refer spec: Catalyst BO'D scope <u>Floors</u>					
B	exceeding 300mm wide	19	m2		
Supply and install extruded aluminium (anodised), stainless steel transition strip suitable for heavy-duty office use; 55mm wide; satin finish; at all internal door openings between Marmoleum (or equivalent) sheet flooring and carpet finishes; Z profile, cover strip or reducer as required; Transition strips to be positioned centrally under door leaf; Fixed securely using concealed mechanical fixings or proprietary clip system; Cut and fit accurately to achieve tight, straight junctions; including all necessary sealing and accessories; as per Architects specifications; refer spec: Catalyst BO'D scope <u>Sundries</u>					

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(43) FLOOR FINISHES (Continued)</u>					
A	Transition strip between marmoleum floor and carpet tile floor Supply and install External door threshold; including all accessories and fittings; as per engineer's specifications <u>Sundries</u>	2	m		
B	100mm wide door threshold Supply and install edge trim, securely bonded with approved adhesive and finished with hot-welded joints. Colour to match flooring and installation as per engineer's specifications <u>Sundries</u>	3	m		
C	Top edge trim Supply and install captile strip, securely bonded with approved adhesive and finished with hot-welded joints. Colour to match flooring and installation as per engineer's specifications <u>Sundries</u>	27	m		
D	TC48 captile strip Supply and install PVC capping, securely bonded with approved adhesive and finished with hot-welded joints. Colour to match flooring and installation as per engineer's specifications <u>Sundries</u>	2	m		
E	HCS48 PVC capping <u>Painting and decorating: Painting</u>	13	m		
Ref: 2793		PD 59/5		To Collection €:	

Description	Qty	Unit	Rate	Total
			€	€
<u>(43) FLOOR FINISHES (Continued)</u>				
Supply and apply approved two-pack epoxy resin anti-slip Matt floor coating; comprising a heavy-duty industrial-grade coarse textured finish providing enhanced slip resistance and durability. Coating shall be CE marked and tested for slip resistance, abrasion, scratch, impact resistance, adhesion and hardness; with good chemical resistance and A+ VOC emissions rating. Apply by medium-pile roller with brush application at perimeters and edges as required. Colour to be confirmed by architect; including all accessories and fittings in accordance with manufacturer's recommendations refer spec: Catalyst BO'D scope				
<u>Floors</u>				
exceeding 300mm wide	123	m2		
150mm MDF skirting; 3 coats of paint finish; in accordance with manufacturer's recommendations refer spec: Catalyst BO'D scope				
<u>Second fixings</u>				
skirting; girth not exceeding 300mm	61	m		
<u>ANY OTHER ITEMS</u>				
Quantity Adjustments				
<u>The Contractor to include here for any quantity adjustments necessary on any of the above items</u>				
A		noid		
B		noid		
C		noid		
Any works deemed necessary to complete the work as indicated on the Architect's / Engineers drawings but not specifically identified and scheduled above				
<u>The Contractor shall describe and include here for any additional items in Qty Unit Rate format</u>				



Pricing Document

Description	Qty	Unit	Rate	Total
			€	€
<u>(43) FLOOR FINISHES (Continued)</u>				
A		noid		
B		noid		
C		noid		
Total				

[illegible]

Pricing Document

Description	Qty	Unit	Rate	Total
			€	€
<u>(47) ROOF FINISHES</u> <u>GENERALLY</u> The Contractor should note the following <u>Notes</u> Refer to Architect's / Building Service Engineer's Drawings & Specifications for full details The Contractor is deemed to have visited the site and familiarise themselves with all existing site conditions / features to ascertain the nature and extent of the work required for pricing purposes <u>ROOFING, CLADDING & WATERPROOFING: Mastic Asphalt, Viscous Liquid Coatings, Waterproof and Gas Proof Non-Metal Flexible Sheet Coverings</u> Composite cladding system ; "Kingspan QuadCore Topdek Roof Panel," or equal approved pre finished PVC single ply membrane; cladding with trapezoidal steel bottom layer; panel system to have a Thermal Conductivity (λ) of 0.019 W/m.K; Colour to later selection ; pattern and width as per Architects drawings; cladding panel system fixed to proprietary purlins (measured separately); 118mm PIR composite insulation; complete with all associated top hats to indicated colours, fillers, vapour control waterproof membranes, sealants, fasteners, etc. as required; Installation to be suitable for near flat and pitched roofs above 1:80 (0.72°) after deflection. Certified to Broof(t4) to BS EN 13501-5: 2016, 0.14. U-value (W/m2K) Airtightness: 3 m3/hr/m2 at 50Pa or less. Air tightness tests and certs will be required; fitted around openings in strict accordance with supplier's detail's and specifications; all as per the Architects Specification and Performance Specification <u>Horizontal</u> A Sloping exceeding 5 degrees not exceeding 15 degrees; width exceeding 300mm	63	m2		

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(47) ROOF FINISHES (Continued)</u>					
<u>Lining to outlets</u>					
A	Dressing to working around rainwater 100mm diameter outlets; Membrane Disk fixed each side with Self-drilling self-tapping counter sunk raised head high thread fasten	4	nr		
Holes; forming holes in roof panel system for services passing through; air ducts / soil and vent pipes/ electrical services to AC, solar panels etc; to include flashing kits; making good on completion; Refer to Architects and Building Services Engineers Details and specifications					
<u>Sundries</u>					
B	girth not exceeding 0.50m	5	nr		
<u>ROOFING, CLADDING & WATERPROOFING: Rigid Sheet Coverings and Decking</u>					
118mm thick PIR insulated roof panel system to Class O BS 476 Part 6:2009 and compliant with the requirements of LPS 1181:2005: Part 1: Issue1.1 ceiling ling tests by the LPCB certified to LPS 1181 Grade EXT -B: mechanically fixed to elsewhere measured 175 x 65mm galvanized steel purlins at 1,500mm centers and mechanically fixed to elsewhere measured steel rafter beams fixed to concrete band beams; allow for full supply and fit to fully complete roof; allow for forming of parapets, internal gutters, gutters; allow for all associated linings and flashings; allow some elements of roof structure to be cut on site; including fishtail lugs tacked onto steel; to be installed in accordance with engineers detailed drawings and specification; Roof decking systems to achieve BROOF(t4) classification in accordance with EN 13501-5. Roof panelling to have a Thermal Conductivity (λ) of 0.019 W/m.K; including all fixing, fittings and accessories; to be installed in accordance with Engineers and Architects detailed drawings and specification					
Ref: 2793		PD 60/2		To Collection €:	

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(47) ROOF FINISHES (Continued)</u>					
<u>Roof Coverings, horizontal</u>					
A	Sloping exceeding 5 degrees not exceeding 15 degrees; width exceeding 300mm	139	m2		
Membrane Lined Insulated Gutter; Kingspan Insulated Panels, 50 mm Core Thickness); Size (nominal): 500 mm wide x 150mm deep min; Upper skin Steel to BS EN 10346; Inner Liner Steel to BS EN 10346; Polyester powder coated finish; 50mm thick Polyisocyanurate foam (PIR); Factory applied Reinforced Polyvinyl Chloride (PVC) membrane; including all underlays, vapour barriers, frames and connection fittings as necessary to complete installations etc.; all installations in accordance with the manufacturers instructions; as per Architects specification associated with the cladding					
<u>Gutter</u>					
B	girth exceeding 450mm not exceeding 600mm	10	m		
<u>Extra over for</u>					
C	Stop ends	2			
D	sealing and weathering gutter with roof parapet including 50mm vertical Polyisocyanurate foam (PIR) insulation as necessary; extend Reinforced Polyvinyl Chloride (PVC) membrane to inner face of parapet from top of gutter to underside of Parapet; girth 450 to 600mm	10	m		
E	Connection of gutter outlets to rainwater pipe as per Architects details and specifications	2	nr		
Ref: 2793		PD 60/3		To Collection €:	

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(47) ROOF FINISHES (Continued)</u>					
Rainwater outlets and gratings; forming recess and weather outlet with PVC membrane finish as necessary; proprietary Roofing Manufacturers Insulated Vertical Outlet; connection flange; Product size/ reference: 100 mm to fit 110 mm pipework; uPVC "O" ring socketed soil grade pipe; provide grate/ fittings supplied with a tough polyamide leaf guard; Insulation Extension: Roofing Manufacturer approved extension pieces to be used where required. Extension units to be mechanically fixed; to be compatible with roofing system including all accessories and sealing; with pre attached flange and dome gratings; including flashing and lining to outlet through the gutter; all in accordance with the manufacturer's instructions and Architects specifications; refer to Architects drawings for further details and requirements <u>Rainwater outlets and gratings</u>					
A	outlets; 100mm diameter	6	nr		
Holes; forming holes in roof panel system for services passing through; air ducts / soil and vent pipes/ electrical services to AC, solar panels etc; to include flashing kits; making good on completion; Refer to Architects and Building Services Engineers Details and specifications <u>Service Openings</u>					
B	girth not exceeding 0.50m	6	nr		
<u>ROOFING, CLADDING & WATERPROOFING: Flexible Sheet Metal Coverings</u> Verge Flashing; Mechanically fixed and sealed to roof and extended to underside of wall capping; to wall abutment including 60mm thick x 150mm high insulation - gable wall; Z flashing to provide support and seal to flashing; aluminium flashing to upstand including 1 nr. bends					
Ref: 2793		PD 60/4		To Collection €:	

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(47) ROOF FINISHES (Continued)</u>					
A	<u>Verge Flashing</u>	30	m		
	girth 450mm to 600mm; raking				
	Insulated panel roof Apron flashing: bends - 3; 3mm aluminium flashing polyester powder coated to selected RAL colour; apron flashing fixed at 400mm ctrs with 150mm sealed butt straps, bedded on 20 x3mm butyl rubber sealant; stitching screws with min 14mm dia. non-ferrous EPDM backed washer fitted at max 400mm ctrs; including side joint filler bedded on gun grade sealant; gun grade seal at panel joint inline with internal air seal; including site applied LPCB certified PIR insulation board to gap at ridge; including internal ridge flashing with 150mm overlap sealed with film backed butyl tape or gun grade sealant; including all associated stiffening angles, insect mesh, sprocket piece, fixings, taping, bonding, sealing and the like to complete; all as per manufacturer's instructions "				
B	<u>Apron Flashing</u>	34	m		
	girth 450mm to 600mm; raking				
	Insulated panel roof eaves capping: bends - 3; 3mm aluminium flashing polyester powder coated to selected RAL colour; eaves flashing fixed at 400mm ctrs with 150mm sealed butt straps, bedded on 20 x3mm butyl rubber sealant; stitching screws with min 14mm dia. non-ferrous EPDM backed washer fitted at max 400mm ctrs; including side joint filler bedded on gun grade sealant; gun grade seal at panel joint inline with internal air seal; including site applied LPCB certified PIR insulation board to gap at ridge; including internal ridge flashing with 150mm overlap sealed with film backed butyl tape or gun grade sealant; including all associated stiffening angles, insect mesh, sprocket piece, fixings, taping, bonding, sealing and the like to complete; all as per manufacturer's instructions "				
	<u>Eaves Capping</u>				

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(47) ROOF FINISHES (Continued)</u>					
A	girth 300mm - 450mm; Horizontal Insulated parapet capping; inward sloping to top edge; Capping's; 2mm thick aluminium alloy 1050A; folded to match profile; powder coated to colour match with external wall panel system; all in accordance with the Architect's Details and Specifications; mounted using 2mm stainless steel (Grade 316) strap mounting system comprising of 80mm x 370mm at top plus 53mm edge fold downs for face fixing; 600mm x 600mm centres using stainless steel fixings; capping clipped into strap system; low profile stitching screws with minimum 14mm diameter non-ferrous EPDM washer at 450mm centers; sloping 75mm to 50mm PIR Insulation to parapet capping; including all fixing, fittings and accessories; refer to Architects drawings and specifications <u>Cappings</u>	30	m		
B	flashing girth: exceeding 600mm not exceeding 750mm Insulated panel roof ridge capping: girth 500mm; ridge flashing; bends - 1; 3mm aluminium flashing polyester powder coated to selected RAL colour; ridge flashing fixed at 400mm ctrs with 150mm sealed butt straps, bedded on 20 x3mm butyl rubber sealant; stitching screws with min 14mm dia. non-ferrous EPDM backed washer fitted at max 400mm ctrs; including side joint filler bedded on gun grade sealant; gun grade seal at panel joint inline with internal air seal; including site applied LPCB certified PIR insulation board to gap at ridge; including internal ridge flashing with 150mm overlap sealed with film backed butyl tape or gun grade sealant; including all associated stiffening angles, insect mesh, sprocket piece, fixings, taping, bonding, sealing and the like to complete; all as per manufacturer's instructions " <u>Ridge Capping</u>	10	m		

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(47) ROOF FINISHES (Continued)</u>					
A	ridge capping; girth exceeding 450mm not exceeding 600mm	10	m		
Sundries					
B	Allow item for service penetration	1	item		
C	Allow item for Testing & Commissioning for new roof	1	item		
Lining to outlets					
D	Dressing to working around rainwater 100mm diameter outlets; Membrane Disk fixed each side with Self-drilling self-tapping counter sunk raised head high thread fasten.	6	nr		
<u>DRAINAGE: Disposal above Ground</u>					
Gutters; 3mm thick; Kingspan Highline Gutter or equivalent and approved; pre-finished aluminium folded gutter system; polyester powder coated to selected RAL colour; fixed to and including gutter support arms at 666mm ctrs and 20mm x 3mm butyl rubber located to underside of gutter support arm; stitching screws with min 14mm dia. non-ferrous EPDM backed washer fitted 6 number per arm; including all aluminium tie straps, brackets, leaf guards, clips, gun applied sealants; all associated angles and flashings					
<u>Gutters</u>					
E	200 x 175mm section size; main roof	10	m		
F	200 x 175mm section size; lower roof	10	m		
<u>Extra over for</u>					
G	forming holes in gutter for downpipes	4	nr		
H	Stop ends	4	nr		
<u>ANY OTHER ITEMS</u>					
Quantity Adjustments					
<u>The Contractor to include here for any quantity adjustments necessary on any of the above items</u>					
A			noid		

Description	Qty	Unit	Rate	Total
			€	€
<u>(47) ROOF FINISHES (Continued)</u>				
B		noid		
C		noid		
Any works deemed necessary to complete the work as indicated on the Architect's / Engineers drawings but not specifically identified and scheduled above				
<u>The Contractor shall describe and include here for any additional items in Qty Unit Rate format</u>				
A		noid		
B		noid		
C		noid		

[illegible]

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(52) DRAINAGE</u>					
<u>GENERALLY</u>					
The Contractor should note the following					
<u>Notes</u>					
1. Refer to Architect's & Structural Engineer's Drawings & Specifications for full details			note		
<u>DRAINAGE: Above Ground</u>					
Diameter (size to be confirm); at base to connect to 300x300 cast Aluminum or stainless steel grill to entrapped gully; refer drawing no: P22-034/T-012; specification: Catalyst BO'D Scope Spec					
<u>Disposal Above Ground</u>					
Rainwater outlets					
A	generally	6	nr		
Rainwater downpipes; to comprise 3mm powder coated Aluminum; cross sectional area 250x120mm; complete with saddle strap mechanical connections of the same 2mm material; strap width 50mm; complete with brackets, offsets, shoes, and all necessary fittings and fixings, installed to external walls in accordance with Architects drawings and Specification					
<u>Pipes</u>					
B	rectangular; 250 x 120mm; vertical	36	m		
Extra over pipes on which they occur for					
C	diameter to be confirm; 2 bends	12	nr		
<u>Pipework Ancillaries</u>					
D	downpipes shoes	6	nr		
E	connecting down pipe gutter outlet	6	nr		
Pipework ancillaries					
Ref: 2793		PD 61/1		To Collection €:	

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(52) DRAINAGE (Continued)</u>					
<u>Aluminium Hopper; Bespoke pressed metal conductor head to selected RAL colour; to fit 110mm diameter pipe; including all fixings; all in accordance with the Architects drawings and Specifications</u>					
A	To suit roof outlet; Complete	2	nr		
<u>ANY OTHER ITEMS</u>					
Quantity Adjustments					
<u>The Contractor to include here for any quantity adjustments necessary on any of the above items</u>					
A	.....		noid		
B	.....		noid		
C	.....		noid		
Any works deemed necessary to complete the work as indicated on the Architect's / Engineers drawings but not specifically identified and scheduled above					
<u>The Contractor shall describe and include here for any additional items in Qty Unit Rate format</u>					
A	.....		noid		
B	.....		noid		
C	.....		noid		
Total					
Ref: 2793		PD 61/2		To Collection €:	

Description	Qty	Unit	Rate	Total
<u>(52) DRAINAGE (Continued)</u> COLLECTION PD 61/1: PD 61/2: (52) DRAINAGE Carried to Summary:			€	€

Ref: 2793

PD 61/3

Pricing Document

Description	Qty	Unit	Rate	Total
			€	€
<u>(59) BUILDING SERVICES (MAINLY PIPED AND DUCTED)</u> <u>GENERALLY</u> The Contractor should note the following <u>Notes</u> 1. Refer to Architect's / Civil & Structural / Building Service Engineer's Drawings & Specifications for full details. 2. Notwithstanding that this Pricing Document is measured in accordance with the Agreed Rules of Measurement 5, the following element is not measured in accordance with ARM5. Tenderers shall refer to agreed Rules of Measurement 4 supplement 2 for guidance on the below measurements; The Mechanical design packages are to be priced in accordance with the Contract Specifications and drawings as prepared by the Building Services Engineer (RMCE). All relevant services co-ordination should be included. <u>MECHANICAL INSTALLATIONS: Generally</u> Mechanical Services Installations; all as detailed & described in the Building Services Engineer's Drawings & Specifications; total brought forward from the Mechanical Services Installations Tender Breakdown as included within the Building Services Engineer's Tender Documents and appended to this schedule of Rates (Appendix A); complete <u>Mechanical Installations</u> A total for Mechanical Installations; Brought Forward from Appendix A <u>BUILDERS WORK</u> <u>MECHANICAL INSTALLATIONS: Sundries and Builders Work</u> <u>Notes</u>		note note		
	1	item		
Ref: 2793			PD 62/1	
			To Collection €:	

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(59) BUILDING SERVICES (MAINLY PIPED AND DUCTED) (Continued)</u>					
Filling and sealing voids around pipework, ductwork etc. shall achieve a decibel rating equivalent to the structure in which the ope is formed. The filling and sealing shall finish neatly flush with the structure and finishes on both face.					
Fire seal opes shall include for all works included in Architect's Specification; intumescent compound for sealing around service members on both faces to provide a 1 hour period of fire resistance. The Fire seal is to finish neatly flush with the structure and finishes on both faces. This specification applies to all sections of the Bill of Quantities.					
Rates are to allow for making good in all trades complete.					
Holes, mortices, chases and the like; Forming or cutting holes; making good structure and finishes, sealing around ope including fire-stopping, flashings, temporary protection works, weathering, disposal of segregated material off site, etc. as required; complete					
<u>Forming Opes; blockwork structure complete including flashings airtight seals; firestopping etc</u>					
A	For Pipe not exceeding 55mm girth (50mm); circular	5	nr		
B	For Pipe exceeding 110mm girth (150mm); circular	2	nr		
C	For Pipe exceeding 110mm girth (200mm); circular	5	nr		
<u>Fireproofing</u>					
<u>Fireproofing; intumescent pipe wrap, Fire batt and mastic to cable containment; to same standard and integrity as fire rating of respective fire compartment / structure; all as detailed on Architects drawing;</u>					
D	For Pipe not exceeding 55mm girth (50mm); circular	5	nr		
E	For Pipe exceeding 110mm girth (150mm); circular	2	nr		
F	For Pipe exceeding 110mm girth (150mm); circular	5	nr		
<u>Attendances</u>					
<u>Special Attendances to Mechanical Contractor</u>					
Ref: 2793		PD 62/2		To Collection €:	

**Brennan
Associates**

Description	Qty	Unit	Rate	Total
			€	€
<u>(59) BUILDING SERVICES (MAINLY PIPED AND DUCTED) (Continued)</u> Use of crain for installation of mechanical equipment at high level externally. Use of Scaffolding; these shall be provided by the Main Contractor. <u>Lifting and Hoisting</u> Pipes 16mm - 32mm <u>ANY OTHER ITEMS</u> Quantity Adjustments <u>The Contractor to include here for any quantity adjustments necessary on any of the above items</u> A B C Any works deemed necessary to complete the work as indicated on the Architect's / Engineers drawings but not specifically identified and scheduled above <u>The Contractor shall describe and include here for any additional items in Qty Unit Rate format</u> A B C	1	item		
	60	m		

Ref: 2793

PD 62/3

To Collection €:

Description	Qty	Unit	Rate	Total
<u>(59) BUILDING SERVICES (MAINLY PIPED AND DUCTED) (Continued)</u> COLLECTION PD 62/1: PD 62/2: PD 62/3: (59) BUILDING SERVICES (MAINLY PIPED AND DUCTED) Carried to Summary:			€	€

Ref: 2793

PD 62/4

Pricing Document

Description	Qty	Unit	Rate	Total
			€	€
<u>(69) BUILDING SERVICES (MAINLY ELECTRICAL)</u> <u>GENERALLY</u> The Contractor should note the following <u>Notes</u> 1. Refer to Architect's / Civil & Structural / Building Service Engineer's Drawings & Specifications for full details. 2. Notwithstanding that this Pricing Document is measured in accordance with the Agreed Rules of Measurement 5, the following element is not measured in accordance with ARM5. Tenderers shall refer to agreed Rules of Measurement 4 supplement 2 for guidance on the below measurements; The Electrical design packages are to be priced in accordance with the Contract Specifications and drawings as prepared by the Building Services Engineer (RMCE). All relevant services co-ordination should be included. <u>ELECTRICAL INSTALLATIONS: Generally</u> Electrical Services Installations; all as detailed & described in the Building Services Engineer's Drawings & Specifications; total brought forward from the Electrical Services Installations Tender Breakdown as included within the Building Services Engineer's Tender Documents and appended to this Pricing Document (Appendix B); complete <u>Electrical Installations</u> A total for Electrical Installations; Brought Forward from Appendix B <u>BUILDERS WORK</u> <u>ELECTRICAL INSTALLATIONS: Sundries and Builders Work</u> <u>Notes</u>	1	item		
Ref: 2793	PD 63/1		To Collection €:	

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(69) BUILDING SERVICES (MAINLY ELECTRICAL)</u> <u>(Continued)</u>					
Filling and sealing voids around pipework, ductwork etc. shall achieve a decibel rating equivalent to the structure in which the ope is formed. The filling and sealing shall finish neatly flush with the structure and finishes on both face.			Note		
Fire seal opes shall include for all works included in Architect's Specification; intumescent compound for sealing around service members on both faces to provide a 1 hour period of fire resistance. The fire seal is to finish neatly flush with the structure and finishes on both faces. This specification applies to all sections of the Bill of Quantities.			Note		
Rates are to allow for making good in all trades complete.			Note		
Holes, mortices, chases and the like; Forming or cutting holes; making good structure and finishes, sealing around ope including fire-stopping, flashings, temporary protection works, weathering, disposal of segregated material off site, etc. as required; complete					
<u>Forming Opes; blockwork structure complete including flashings airtight seals; firestopping etc</u>					
A	25mm diameter	10	nr		
B	100mm Diameter	2	nr		
C	150mm Diameter	2	nr		
D	150mm x 75mm	5	nr		
<u>Forming Opes; metal and insulation roof complete including flashings airtight seals; firestopping etc</u>					
E	100mm diameter	1	nr		
<u>Forming Opes; Architectural finishes internal plasterboard wall 12.5mm; complete including forming ope; fire sealing; Making good as per Engineers drawings</u>					
F	80mm Diameter	10	nr		
<u>Chases; Blockwork Walls; marking and cutting</u>					
G	25mm x 25mm chase	50	m		
Ref: 2793		PD 63/2		To Collection €:	

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(69) BUILDING SERVICES (MAINLY ELECTRICAL)</u>					
<u>(Continued)</u>					
Fireproofing					
<u>Fireproofing; intumescent pillow and Fire batt and mastic to cable containment; to same standard and integrity as fire rating of respective fire compartment / structure; all as detailed on Architects drawing;</u>					
A	300mm x 150mm Cable tray	10	nr		
B	25mm Diameter	2	nr		
C	100mm Diameter	2	nr		
D	150mm Diameter	5	nr		
E	150mm x 75mm	5	nr		
Attendances					
<u>Special Attendances to Mechanical Contractor</u>					
F	Offloading and moving heavy electrical equipment	1	item		
G	safe, permanent, or temporary stairs/ladders to roof	1	item		
<u>distribution boards and solar panels</u>					
<u>Fireproofing services; same standard and integrity as fire rating of structure</u>					
H	generally	1	item		
<u>Supporting Structures</u>					
<u>Grounds & Supports</u>					
J	Electrical Distribution board 200kg	3	nr		
K	Fire Panel	1	nr		
L	Alar panel	1	nr		
M	PV panels (25KG each 2,00mm x 1,000mm)	21	nr		
<u>Painting</u>					
<u>One coat primer; two coats undercoat; one coat enamel high gloss paint</u>					

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
A	<u>(69) BUILDING SERVICES (MAINLY ELECTRICAL)</u> <u>(Continued)</u> not exceeding 300mm girth; surface mounted conduit including wire brushing priming and paint <u>ANY OTHER ITEMS</u> <u>Appendix to Bill of Quantities</u> The contractor should include for the total cost including all on-costs required within the Electrical Consultants Pricing Document <u>ANY OTHER ITEMS</u> Quantity Adjustments <u>The Contractor to include here for any quantity adjustments</u> <u>necessary on any of the above items</u> A B C Any works deemed necessary to complete the work as indicated on the Architect's / Engineers drawings but not specifically identified and scheduled above <u>The Contractor shall describe and include here for any</u> <u>additional items in Qty Unit Rate format</u> A B C	10	m		
			note		
Ref: 2793		PD 63/4		To Collection €:	

Description	Qty	Unit	Rate	Total
(69) BUILDING SERVICES (MAINLY ELECTRICAL) <u>(Continued)</u>			€	€
COLLECTION PD 63/1: PD 63/2: PD 63/3: PD 63/4:				
(69) BUILDING SERVICES (MAINLY ELECTRICAL)				
Carried to Summary:				
Ref: 2793	PD 63/5			

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(71) DISPLAY, CIRCULATION FITTINGS</u>					
<u>GENERALLY</u>					
The Contractor should note the following					
<u>Notes</u>					
Due to lack of drawings and detail, an item has been allowed to signages.			note		
Refer section (32) Internal wall, partitions completion for room identify panel (door mounted sign plates). The locations of such could not be located within the received drawing set.			note		
<u>FITTINGS: Fittings, Equipment and Furniture</u>					
SIGNAGE					
Internal Signage; Wall Mounted Curved Aluminium Name Plate Signage System; curved polycarbonate inserts and ABS side caps; including all fixings, fittings and accessories.					
<u>Fixed to blockwork / studwork surfaces</u>					
A	Internal Room signage - Sign A4 30.2cm (W) x 2.2cm (D) x 21.4cm (H)	7	nr		
Internal Signage; Wall mounted Aluminium Projecting Sign 250mm X 100mm double sided; including all fixings, fittings and accessories.					
<u>Fixed to blockwork / studwork surfaces</u>					
B	Wall mounted sign 205mm x 100mm	6	nr		
Internal Signage; Aluminium Main Director sign (brushed stainless steel finish); 130mm top section with Logo and Name'; 65mm x 600mm name plate section;;English text to be black; Text to be Helvetica or Arial Smaller text 15mm high; Larger text size 30mm high; Concealed fixings; all reference Architects Drawing					
<u>Fixed to blockwork / studwork surfaces</u>					
C	Main Directory	1	nr		

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(71) DISPLAY, CIRCULATION FITTINGS (Continued)</u>					
<u>External</u>					
Signage; 600mm high CNC-routed PVC raised lettering of "Quantum House", formed from 25mm thick PVC composite board with a pencil-edge finish; Shop-Sprayed Matte Paint Finish to PVC Raised Lettering; Shop-sprayed matte paint finish shall be applied to All surface preparation, priming, coating, touch-up works, and ancillary materials shall be included in accordance with the Architect's requirements and manufacturer's recommendations.					
<u>Signage Fixed to Existing Metal Cladding Surface</u>					
A	East elevation - Quantum House - (fixed approximately 4m - 6m high); (Upper Case)	2	nr		
B	East elevation - Quantum House - (fixed approximately 4m - 6m high); (Lower Case)	10	nr		
<u>ANY OTHER ITEMS</u>					
Quantity Adjustments					
<u>The Contractor to include here for any quantity adjustments necessary on any of the above items</u>					
A	.....		noid		
B	.....		noid		
C	.....		noid		
Any works deemed necessary to complete the work as indicated on the Architect's / Engineers drawings but not specifically identified and scheduled above					
<u>The Contractor shall describe and include here for any additional items in Qty Unit Rate format</u>					
A	.....		noid		
B	.....		noid		
C	.....		noid		
Ref: 2793		PD 64/2		To Collection €:	



Pricing Document

Description	Qty	Unit	Rate	Total
			€	€
<u>(71) DISPLAY, CIRCULATION FITTINGS (Continued)</u>				
Total				
Ref: 2793 PD 64/3			To Collection €:	

Description	Qty	Unit	Rate	Total
			€	€
<u>(71) DISPLAY, CIRCULATION FITTINGS (Continued)</u> COLLECTION PD 64/1: PD 64/2: PD 64/3: (71) DISPLAY, CIRCULATION FITTINGS Carried to Summary:				

Ref: 2793

PD 64/4

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(74) SANITARY, HYGIENE FITTINGS</u>					
<u>GENERALLY</u>					
The Contractor should note the following					
<u>Notes</u>					
Refer to Architect's & Structural Engineer's Drawings & Specifications for full details			note		
Refer to Engineers drawings for all Mech. & Elec. installations. Contractor should include for all builder's work in connection with same, including liaison, site-co-ordination, provisions of temporary services, chasing, breaking out of holes and making good etc. Include for forming all ductwork necessary to conceal pipes and fire-stopping per Mech. & Elec Engineers Spec. where any ducts or holes penetrate fire barriers.			note		
<u>FITTINGS: Fittings, Equipment and Furniture</u>					
Sanitaryware; Supply, assemble and fit in position the following Sanitary Fittings and accessories; including connecting to service infrastructures, sealing joints, anti-fungicidal mastic between fitting and other surfaces; complete including grounds, paneling, etc.; all in accordance with the Architects & Engineers Drawings & Specification's					
<u>Sanitaryware; including anti-scald valves where required</u>					
A	WC; S3054 Contour 21 close coupled raised height WC pan; S3654 Contour 21 close coupled delay fill, syphon cistern, 4.5 liter single flush;, secure cover fastener, no lever; S4066 Contour 21 seat no cover, top fixing hinges and retaining buffers; colours: white (01)/ blue (36)/ Grey (LJ)/ charcoal (RN); S4420 Spatula cistern lever close coupled	1	nr		
Ref: 2793		PD 65/1		To Collection €:	

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(74) SANITARY, HYGIENE FITTINGS (Continued)</u>					
A	S0683 Doc M Contour 21+ close coupled left/right hand corner pack including WC pan, water saving delay fill cistern with spatula lever, basin, grab rails, hinged support rail with toilet roll holder, seat no cover with retaining buffers, copper tails on TMV3; Vitreous china to BS 3402 BS8300 compliant; handrail colour to be selected by architect prior to order	1	nr		
B	mirror (safety glass); with light oak trim to full perimeter and waterproof ply backing; securely fixed to wall with concealed fixings; 400 x 555mm sized	1	nr		
C	mirror (safety glass); with light oak trim to full perimeter and waterproof ply backing; securely fixed to wall with concealed fixings; 450 x 900mm sized	1	nr		
D	long mirror (safety glass); with light oak trim to full perimeter and waterproof ply backing; securely fixed to wall with concealed fixings; 600 x 1200mm sized	1	nr		
E	colostomy shelf; as per TGDM requirements; panel: 17mm thick, V313 moisture resistant, 680kg/m3 grade chipboard; 19mm over all panel thickness with HPL facing; 1mm PVC lipping to horizontal edges; 150mm deep and 400mm wide (alternative in brushed SS also acceptable)	1	nr		
F	water tap; A4798 Sensor flow 21 washbasin mounted spout; weight 3.0kg; chromium plated (AA) finish, A5900AA TMV 3 valve suited to pipe size; thermostatic mixing valves; TMV3 approved	1	nr		
G	wash basin; to BS EN 14688 & BS EN 31; S2494 Profile 21 semi-countertop washbasin; 50cm 1 taphole with overflow no chain stay hole; S8910 Trap 1 1/4" plastic bottle, 75mm seal; S8722 Waste 1 1/4in brass strainer waste, 80mm slotted tail; chromium plated (AA); weight S8722, 0.188KG	1	nr		
H	grab rail; S6454 Contour 21 grab rail straight 60cm long x 35mm diameter; colour: White (AC)/ Blue (36)/ Grey (LJ)/ Stainless Steel Finish (MY)/ Charcoal (RN)	2	nr		
Ref: 2793		PD 65/2		To Collection €:	

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(74) SANITARY, HYGIENE FITTINGS (Continued)</u>					
A	coat hooks; TGDM compliant stainless steel coat hooks with cylindrical buffer and brushed stainless steel finish	2	nr		
B	emergency alarm reset button	1	nr		
C	emergency alarm pull cord; with two red bangles, one at 100mm and other at 800 - 1000mm above floor level	2	nr		
D	electric shower unit with detachable shower head; Omnicare SR Pumped Electric Shower or equivalent; adjustable range: 1050 - 1850mm above floor level	1	nr		
E	floor drain; Kent KHV225/50 or equivalent; SS gully; 225mm diameter; To be connected with an enlarger at drain outlet to a 100mm pipe leading to BIGT	1	nr		
F	Tie up seat	1	nr		
G	Back rest	1	nr		
H	Shower curtain; 2400mm high	1	nr		
J	Toiletries shelf	1	nr		
K	Towel rail; 630mm long	1	nr		
L	800mm long drop down rail	2	nr		
M	Hand dryers	2	nr		
<u>ANY OTHER ITEMS</u>					
Quantity Adjustments					
<u>The Contractor to include here for any quantity adjustments necessary on any of the above items</u>					
A			noid		
B			noid		
C			noid		
Any works deemed necessary to complete the work as indicated on the Architect's / Engineers drawings but not specifically identified and scheduled above					
Ref: 2793		PD 65/3		To Collection €:	

[illegible]

Description	Qty	Unit	Rate	Total
			€	€
<u>(74) SANITARY, HYGIENE FITTINGS (Continued)</u> COLLECTION PD 65/1: PD 65/2: PD 65/3: PD 65/4: (74) SANITARY, HYGIENE FITTINGS Carried to Summary:				
Ref: 2793 PD 65/5				

E: External Works

Pricing Document

Description	Qty	Unit	Rate	Total
			€	€
<u>(10) PREPARED SITE</u>				
<u>GENERALLY</u>				
The Contractor should note the following				
<u>Notes</u>				
Refer to Architects and Civil & Structural Engineer's Drawings & Specifications for full details		Note		
All excavation is taken from the existing ground levels		Note		
The Contractor is deemed to have visited site and familiarised themselves with all existing site features for pricing purposes		Note		
All items of demolition are deemed to include removal off site of all arising materials, unless otherwise stated		Note		
The sequence of the work will be by agreement with the Client, Employers Representative, and Engineers.		Note		
The Contractor should note that their method statement and programme works outside the site boundary must be agreed with both the Architect, Engineer and the Client, before any work commences.		Note		
Rates for demolition and alteration work shall be deemed to include for all temporary works such as shoring, propping, works necessary to provide suitable hard standing and reinstatement on completion, protection, etc., and removal from the site of all debris, materials and goods resulting from the works.		Note		
Unless otherwise described, no recognition has been given to any requirement in respect of phasing of the works and the implication of same including any necessary temporary or similar works to accommodate such requirements are deemed included within the description of the items included in this element		Note		
Unless otherwise described, making good to the existing structure and remaining finishes are deemed included within the description of the items included in this element.		Note		
Ref: 2793	PD 66/1	To Collection €:		

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(10) PREPARED SITE (Continued)</u>					
Existing drainage should be protected from damage and from ingress of deleterious material which might cause a blockage. The Contractor will be required to take responsibility for existing services within the work area boundary and ensure incoming utilities such as water and electricity are identified and made safe			Note		
The Contractor shall note the Water level is as per Site Investigation Report 17/04/2023 to 19/04/2023			note		
<u>DEMOLITIONS AND ALTERATIONS: Demolitions</u>					
Refer to Drawing No. P22-034 -T-003 Site Demolitions & Removals Plan; all demolished materials shall be removed from site and disposed of at licensed waste or recycling facilities in accordance with statutory requirements; existing services shall be identified, protected, disconnected, diverted or sealed off as necessary before demolition works commence; demolition shall be carried out by suitable mechanical and manual methods, including careful dismantling of items designated for recycling.					
<u>General clearance</u>					
A	Remove metal flashings from site; disposal off site in a licensed waste facility; [tenderer to visit site to ascertain full extent of works] refer to drawing no. P22-034 - T-003.	1	Item		
B	Remove pile of waste cabling; disposal off site in a licensed waste facility; [tenderer to visit site to ascertain full extent of works] refer to drawing no. P22-034 - T-003.	1	Item		
C	Remove 2 no. couches; disposal off site in a licensed waste facility; [tenderer to visit site to ascertain full extent of works] refer to drawing no. P22-034 - T-003.	1	Item		
D	12 no. car tyres to be removed from site; disposal off site in a licensed waste facility; [tenderer to visit site to ascertain full extent of works] refer to drawing no. P22-034 - T-003.	1	Item		
Ref: 2793		PD 66/2		To Collection €:	

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(10) PREPARED SITE (Continued)</u>					
A	600x300mm steel plate to be removed from site; disposal off site in a licensed waste facility; [tenderer to visit site to ascertain full extent of works] refer to drawing no. P22-034 - T-003.	1	Item		
B	Remove a 2m x 1.5m x 1.2m steel tank; disposal off site in a licensed recycling facility; backfill holes and trenches with granular sub base material; [tenderer to visit site to ascertain full extent of works] refer to drawing no. P22-034 - T-003.	1	Item		
C	Remove 9 no's of boulders from site; disposal off site in a licensed waste facility; [tenderer to visit site to ascertain full extent of works] refer to drawing no. P22-034 - T-003.	1	Item		
D	Remove 27 no. 1200mm x 300mmØ and 2 no. 2000mm x 450mmØ concrete pipes; disposal off site in a licensed waste facility; [tenderer to visit site to ascertain full extent of works] refer to drawing no. P22-034 - T-003 external work notes.	1	Item		
E	1800mmØ x 1200mm concrete sleeve/manhole riser to be removed from site; disposal off site in a licensed recycling facility; [tenderer to visit site to ascertain full extent of works] refer to drawing no. P22-034 - T-003.	1	Item		
F	Steel post, associated concrete pad foundation and waste pile of caballing to be removed; disposal off site in a licensed waste facility; [tenderer to visit site to ascertain full extent of works] refer to drawing no. P22-034 - T-003.	1	Item		
G	5 no. of 6.0m x 1.0m scrapped insulated roof cladding sheet to be dug out and removed from site; disposal off site in a licensed recycling facility; backfill holes and trenches with granular sub base material; [tenderer to visit site to ascertain full extent of works] refer to drawing no. P22-034 - T-003.	1	Item		
H	2 no. piles of concrete rubble to be dug out and removed from site; approximately 2,200mm x 2,200mm x 500mm; disposal off site in a licensed waste facility; [tenderer to visit site to ascertain full extent of works] refer to drawing no. P22-034 - T-003.	1	Item		
Ref: 2793		PD 66/3		To Collection €:	

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(10) PREPARED SITE (Continued)</u>					
A	3000mm x 1000mm x 300mm precast concrete slab to be removed from site; disposal off site in a licensed waste facility; [tenderer to visit site to ascertain full extent of works] refer to drawing no. P22-034 - T-003.	1	Item		
B	Remove 2no. of 3.5m x 2.0m Harris fencing; disposal off site in a licensed waste facility; [tenderer to visit site to ascertain full extent of works] refer to drawing no. P22-034 - T-003.	1	Item		
C	2000mm x 400mmØ timber pole to be dug out, removed from site; disposal off site in a licensed waste facility; [tenderer to visit site to ascertain full extent of works] refer to drawing no. P22-034 - T-003.	1	Item		
D	Approximately 8mts of ESB upstand ducting to be removed; disposal off site in a licensed waste facility; backfill holes with granular sub base material; [tenderer to visit site to ascertain full extent of works] refer to drawing no. P22-034 - T-003.	1	Item		
<u>Demolishing individual structures</u>					
E	Concrete spill to be broken out and removed from site; approximately 20m2 and depth of 400mm; disposal off site in a licensed waste facility; backfill holes with granular sub base material; [tenderer to visit site to ascertain full extent of works] refer to drawing no. P22-034 - T-003.	1	Item		
F	Outline of existing reinforced concrete foundations. Break out and remove rubble from site; approximately 338m length and 1500mm wide x approximately 500mm deep (widening to 2,000mm x2,000mm in 22nr locations); disposal off site in a licensed waste facility; backfill trenches with illing; class 6F1 or 6F2; compacted in layers; [tenderer to visit site to ascertain full extent of works] refer to drawing no. P22-034 - T-003.	1	Item		
Ref: 2793		PD 66/4		To Collection €:	

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(10) PREPARED SITE (Continued)</u>					
A	Existing 2.55mt high pallisade fencing to be dismantled; approximately 54m length; disposed off in a licensed recycling facility; to include grubbing up and disposal of existing reinforced concrete foundations; backfilling with granular fill; making good of existing tarmacadam to match existing on completion; as per image P-08 and demolitions layout	1	Item		
B	4 no's 6m high lighting column to be disconnected and dismantled; to include grubbing up of existing reinforced concrete foundation; disposal off site in a licensed recycling facility; backfill holes and trenches with granular sub base material; making good retained carpark and finishes disturbed to match existing [tenderer to visit site to ascertain full extent of works] refer to drawing no. P22-034 - T-003.	1	Item		
C	Disconnect, carefully remove vehicle barrier; approximately 5m; store in secure dry storage for reinstallation on sit at a later stage; backfill holes with granular sub base material; making good structure and finishes disturbed to match existing [tenderer to visit site to ascertain full extent of works] refer to drawing no. P22-034 - T-003.	1	Item		
D	700mm high, dash rendered 215mm concrete block wall, with concrete capping's to be dismantled; approximately 500mm (next to existing ESB substation); including grubbing up of existing reinforced concrete foundation; disposal off site in a licensed waste facility; backfill holes and trenches with granular sub base material; making good structure and finishes disturbed to match existing [tenderer to visit site to ascertain full extent of works] refer to drawing no. P22-034 - T-003.	1	Item		
Ref: 2793		PD 66/5		To Collection €:	

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(10) PREPARED SITE (Continued)</u>					
A	700mm high, dash rendered 215mm concrete block wall, with concrete capping's to be dismantled; approximately 5,400mm; including grubbing up of existing reinforced concrete foundation; disposal off site in a licensed waste facility; backfill holes and trenches with granular sub base material; making good structure and finishes disturbed to match existing [tenderer to visit site to ascertain full extent of works] refer to drawing no. P22-034 - T-003.	1	Item		
B	Existing white line to be removed; approximately 9m; disposal off site in a licensed waste facility; backfill holes and trenches with granular sub base material; making good structure and finishes disturbed to match existing [tenderer to visit site to ascertain full extent of works] refer to drawing no. P22-034 - T-003.	1	Item		
C	Existing kerb to be broken and digout; approximately 77m; disposal off site in a licensed waste facility; backfill holes and trenches with granular sub base material; making good structure and finishes disturbed to match existing [tenderer to visit site to ascertain full extent of works] refer to drawing no. P22-034 - T-003.	1	Item		
D	Allow for dismantle and remove rendered concrete block walls	1	Item		
<u>Support of existing structures</u>					
E	Allow for shoring of adjoining structures if required by structural engineer	1	Item		
<u>Decontamination</u>					
F	Removal of hazardous materials; Approx. 312m ² area of oil contaminated material. Remove from site to a licensed waste facility; [tenderer to visit site to ascertain full extent of works] refer to drawing no. P22-034 - T-003.	1	Item		
Waste Acceptance Criteria Testing					
<u>The Contractor is to carry out and pay the cost of all Waste Acceptance Criteria Testing</u>					

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(10) PREPARED SITE (Continued)</u>					
A	generally	1	Item		
<u>EXCAVATION AND EARTHWORK : Excavation</u>					
Removing					
<u>Trees</u>					
B	girth not exceeding 0.45 m; trees and associated tree stumps; disposal off site to licensed tip; backfilling and making good ground upon completion	37	nr		
<u>Site vegetation</u>					
C	remove scrubs, bushes, visible green areas, overgrowth and other unwanted vegetation.	5,293	m2		
Excavation					
<u>Reduced Levels</u>					
D	not exceeding 2.0m depth; cut to formation level including excavation in unstable ground; as per drawing proposed site layout cut & fill calculation drawing no.P22-034-T-004.	1,562	m3		
Extra on excavation items for					
<u>breaking up existing</u>					
E	rock	1	Item		
Disposal					
<u>Disposal of water</u>					
F	surface water	1	Item		
G	ground water	1	Item		
H	contaminated ground	1	Item		
<u>Excavated material</u>					
J	off site; to licensed waste facility	1,562	m3		
Filling					

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(10) PREPARED SITE (Continued)</u>					
<u>Imported materials; Filling; class 6F1 or 6F2 well graded granular material as per series 600 of the NRA specification for roadworks; obtained off site; compacted in layers; any material or combination of materials ; including recycled aggregates with not more than 50% by mass of recycled bituminous planing and granulated asphalt, but excluding materials that contain tar and tar bitumen binders, unburnt colliery spoil and Argillaceous rock; to consist of one class of material throughout; compacting in layers.</u>					
A	to excavation; not exceeding 250 mm thick	187	m3		
B	to make up levels; exceeding 250 mm thick	973	m3		
<u>WORKS OUTSIDE THE SITE BOUNDARY</u>					
<u>DEMOLITIONS AND ALTERATIONS: Demolitions</u>					
Refer to Drawing No. P22-034 -T-003 Site Demolitions & Removals Plan; all demolished materials shall be removed from site and disposed of at licensed waste or recycling facilities in accordance with statutory requirements; existing services shall be identified, protected, disconnected, diverted or sealed off as necessary before demolition works commence; demolition shall be carried out by suitable mechanical and manual methods, including careful dismantling of items designated for recycling.					
<u>Demolishing individual structures</u>					
C	Existing dropped kerb to be broken and digout; approximately 21m; disposal off site in a licensed waste facility; backfill holes and trenches with granular sub base material; making good structure and finishes disturbed to match existing [tenderer to visit site to ascertain full extent of works] refer to drawing no. P22-034 - T-003.	1	Item		
Ref: 2793		PD 66/8		To Collection €:	

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(10) PREPARED SITE (Continued)</u>					
A	Existing kerb to be broken and digout; approximately 7m; disposal off site in a licensed waste facility; backfill holes and trenches with granular sub base material; making good structure and finishes disturbed to match existing [tenderer to visit site to ascertain full extent of works] refer to drawing no. P22-034 - T-003.	1	Item		
<u>DEMOLITIONS AND ALTERATIONS: Treatment / Repairs</u>					
Cleaning Surfaces					
<u>Burning off white line marking from existing tarmacadam drawings; to include cleaning on completion; all in accordance with Architects drawings no. P22-034 -T-003 Site Demolitions & Removals Plan</u>					
B	Carpark Line Marking	1	m2		
<u>EXCAVATION AND EARTHWORK : Excavation</u>					
Removing					
<u>Site vegetation</u>					
C	remove visible green areas	28	m2		
Excavation					
<u>Topsoil; starting at existing levels</u>			head4		
D	150mm thick average depth;	28	m2		
<u>Reduced Levels</u>					
E	not exceeding 2.0m depth; cut to formation level including excavation in unstable ground;	94	m3		
Extra on excavation items for					
<u>around existing services</u>					
F	excavating around existing services	26	m		
<u>breaking up existing</u>					
G	hard surfaces ; existing tarmac surface	218	m2		
Disposal					

**Brennan
Associates**

Description	Qty	Unit	Rate	Total
			€	€
<u>(10) PREPARED SITE (Continued)</u>				
<u>Disposal of water</u>				
surface water	1	Item		
ground water	1	Item		
contaminated ground	1	Item		
<u>Excavated material</u>				
on site: topsoil	5	m3		
off site; to licensed waste facility	94	m3		
<u>ANY OTHER ITEMS</u>				
Quantity Adjustments				
<u>The Contractor to include here for any quantity adjustments necessary on any of the above items</u>				
A		noid		
B		noid		
C		noid		
Any works deemed necessary to complete the work as indicated on the Architect's / Engineers drawings but not specifically identified and scheduled above				
<u>The Contractor shall describe and include here for any additional items in Qty Unit Rate format</u>				
A		noid		
B		noid		
C		noid		

Description	Qty	Unit	Rate	Total
(10) PREPARED SITE (Continued) COLLECTION PD 66/1: PD 66/2: PD 66/3: PD 66/4: PD 66/5: PD 66/6: PD 66/7: PD 66/8: PD 66/9: PD 66/10: (10) PREPARED SITE Carried to Summary:			€	€

Ref: 2793

PD 66/11

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(20) SITE STRUCTURES</u>					
<u>GENERALLY</u>					
The Contractor should note the following					
<u>Notes</u>					
1. Refer to Architect's & Structural Engineer's Drawings & Specifications for full details			note		
2. All excavation is taken from formation level			note		
3. All excavation to reduce levels is included elsewhere in (10) Prepared Site			note		
4. Metal angle beads, stop beads and lathing at junctions of differing backgrounds are deemed to be included			note		
<u>ESB Substation - Boundary Wall</u>					
<u>EXCAVATION AND EARTHWORK: Excavation</u>					
Excavation					
<u>Foundation Trenches; Excavating for foundation trenches; through T1 Filling (measured elsewhere) starting filling levels;</u>					
A	Foundation trenches depth not exceeding 2.00m	2	m3		
Extra on excavation items for					
<u>Excavating below ground water level</u>					
B	excavating below ground water level	1	item		
Disposal					
<u>Water</u>					
C	surface water; keeping the site free of surface water	1	item		
D	ground water; keeping the excavations free of ground water	1	item		
<u>Excavated material disposed of off site to licensed landfill</u>					
E	excavated material from reduced levels	2	m3		
Filling; crushed stone					
Ref: 2793		PD 67/1		To Collection €:	

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(20) SITE STRUCTURES (Continued)</u>					
<u>Filling hardcore; T0 fill material to facilitate the free movement of gas (radon) within the hardcore layer; fill material to SR21 Annex & 2014 + A1 2016; depositing and compacting in layers; all in accordance with the Engineers Specification's</u>					
A	to make up levels; average thickness not exceeding 250mm thick	4	m3		
Surface Treatments					
<u>Blinding filling</u>					
B	leveling with sharp sand to Engineers approval; horizontal; 50mm thick; compacted;	11	m2		
<u>CONCRETE WORK: In-Situ Concrete</u>					
Plain in-situ concrete; C30/37; vibrated; all in accordance with the Engineers Specification's					
<u>Foundations</u>					
C	Foundations poured on or against filling; in trenches	2	m3		
<u>Plinth</u>					
D	Concrete plinth poured on blinding	2	m3		
<u>Concrete Work: Sundries</u>					
Surface Finishes					
<u>Power-floating slabs</u>					
E	not exceeding 150mm thick	11	m2		
<u>CONCRETE WORK: Reinforcement</u>					
Reinforcement fabric mesh; 500mm side and end laps; minimum 50mm cover; all in accordance with the Engineers Specification's; no allowance in measurement for laps					
<u>Fabric Mesh Reinforcement</u>					
Ref: 2793		PD 67/2		To Collection €:	

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(20) SITE STRUCTURES (Continued)</u>					
A	A393 Fabric Reinforcement; exceeding 300mm wide; horizontal; strip foundation	6	m2		
B	A393 Fabric Reinforcement; exceeding 300mm wide; horizontal; plinth	11	m2		
<u>CONCRETE WORK: Formwork</u>					
Formwork generally; finish as per Engineers specification					
<u>Sides of foundations</u>					
C	rectangular; height exceeding 250mm not exceeding 500mm ;	20	m		
<u>CONCRETE WORK: Precast Concrete / Composite Construction / Stone Faced Concrete Panels</u>					
Precast concrete wall cappings; 350mm x 70mm; saddleback wall copings throated on two long edges; smooth finish; embedded in mortar; all in accordance with the Architects Specification's					
<u>Wall Cappings</u>					
D	350mm x 70mm precast capping	10	m		
<u>BRICKWORK AND BLOCKWORK: Brickwork/Blockwork</u>					
Walls in trenches					
<u>Solid concrete blockwork; 215mm x 100mm x 440mm; compressive strength 13N/mm2; bedded in sand and cement mortar (1:3); stretcher bond; forming vent opes in blockwork as work proceeds; all in accordance with the Engineers Specification's</u>					
E	215mm thick	5	m2		
Walls above ground					

**Brennan
Associates**

Description	Qty	Unit	Rate	Total
			€	€
<u>(20) SITE STRUCTURES (Continued)</u>				
<u>Solid concrete blockwork; 215mm x 100mm x 440mm; compressive strength 13N/mm2; bedded in sand and cement mortar (1:3); stretcher bond; forming vent opes in blockwork as work proceeds; all in accordance with the Engineers Specification's</u> 215mm thick	22	m2		
<u>BRICKWORK AND BLOCKWORK: Ancillaries to Brickwork/Blockwork</u>				
Damp proof courses				
<u>Damp proof courses; 100mm laps; bedded in gauge mortar; all in accordance with the Architect's Specifications</u> not exceeding 225mm wide; horizontal	10	m		
<u>Floor, Wall and Ceiling Finishings: Finishings</u>				
Pebble Dash Finish to Boundary wall; Pebbles, Cement, sand plaster/render shall be applied to the public facing face of boundary wall; All surface preparation, backing and finishing coats, beads, jointing, curing, and ancillary works shall be included in accordance with the drawings, specifications, and manufacturer's recommendations.				
<u>Walls</u> Exceeding 300mm wide	22	m2		
<u>ANY OTHER ITEMS</u>				
Quantity Adjustments				
<u>The Contractor to include here for any quantity adjustments necessary on any of the above items</u>				
A		noid		
B		noid		
C		noid		

Pricing Document

Description	Qty	Unit	Rate	Total
			€	€
<u>(20) SITE STRUCTURES (Continued)</u>				
Any works deemed necessary to complete the work as indicated on the Architect's / Engineers drawings but not specifically identified and scheduled above				
<u>The Contractor shall describe and include here for any additional items in Qty Unit Rate format</u>				
A		noid		
B		noid		
C		noid		

[illegible]

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(30) SITE ENCLOSURES</u>					
<u>GENERALLY</u>					
The Contractor should note the following					
<u>Notes</u>					
Refer to Architect's Drawings & Specifications for full details			Note		
All excavation is taken from formation level			Note		
All excavation / filling to formation level is included elsewhere in (10) Prepared Site			Note		
The Contractor is deemed to have visited site and familiarised themselves with all existing site features for pricing purposes			Note		
RETAINING WALL					
<u>EXCAVATION AND EARTHWORK : Excavation</u>					
Excavation					
<u>Foundation trenches</u>					
A	depth not exceeding 2.0m deep.	286	m3		
Earthwork support: maximum depth not exceeding 2.00m; distance between opposing faces not exceeding 2.00m; all in accordance with Engineers Specification					
<u>Earthwork support</u>					
B	depth not exceeding 2.00m	191	m2		
Working Space; backfilling with granular material platform to be of CBR 10% for ground improvement rig access; compacting in layers in accordance with Engineers specification; all in accordance with Engineers Specification					
<u>Working space</u>					
C	depth not exceeding 2.00m	191	m2		
Disposal					
<u>surface water</u>					
Ref: 2793		PD 68/1		To Collection €:	

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(30) SITE ENCLOSURES (Continued)</u>					
A	generally <u>ground water</u>	1	Item		
B	generally <u>Excavated material</u> on site (backfill)	1	Item		
C	off site; (trenches) Filling; backfilling with granular material platform to be of CBR 10% for ground improvement rig access; compacting in layers in accordance with Engineers specification; all in accordance with Engineers Specification <u>Filling</u>	286	m3		
D	to excavations; average thickness exceeding 250mm. Filling; 503 Drainage Stone; obtained off site; compacted in layers; all in accordance with Engineers Specification. <u>Filling</u>	103	m3		
E	to excavations; average thickness exceeding 250mm. Surface Treatment <u>Geotextile wrapping</u>	40	m3		
F	wrapping to Pipe overlap; all in accordance with manufacturers Specification <u>CONCRETE WORK : In-Situ Concrete</u> Plain in-situ concrete; compressive strength class C10/15; vibrated <u>Blinding</u>	390	m2		
G	Concrete blinding as described; 50mm thick Reinforced in-situ concrete; Grade C30/37-D20-S2-XC1); vibrated; all in accordance with the Engineers Specification's	11	m3		
Ref: 2793		PD 68/2		To Collection €:	

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(30) SITE ENCLOSURES (Continued)</u>					
<u>Foundation</u>					
A	foundation; exceeding 150mm thick; reinforced (retaining wall)	65	m3		
<u>Walls</u>					
B	generally	65	m3		
<u>CONCRETE WORK: Sundries</u>					
Design Joints; movement joints; 6 x 40mm deep; filled with Thioflex 600 Sealeant by Fosroc-Expandite or equally approved; all in accordance with the Engineers Specification's					
<u>Control Joints</u>					
C	6 x 40mm deep; (All areas)	27	m		
Troweling unset concrete					
<u>Surface finishes</u>					
D	Troweling unset concrete; top of walls.	36	m2		
CONCRETE WORK : Reinforcement					
Reinforcement bars; high tensile steel bars & links; straight or bent					
<u>Bars</u>					
E	straight or bent; less than or equal to 12mm diameter	6.00	t		
CONCRETE WORK : Formwork					
Formwork generally; ordinary finish					
<u>Sides of foundations</u>					
F	rectangular; height exceeding 250mm not exceeding 500mm ;	143	m		
G	Kickers; walls	143	m		
Formwork generally; plain finish					
<u>Walls; vertical</u>					
Ref: 2793		PD 68/3		To Collection €:	

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(30) SITE ENCLOSURES (Continued)</u>					
A	not exceeding 500mm height	514	m2		
<u>DRAINAGE: Below Ground</u>					
<u>Drains; uPVC Perforated Twin Wall pipes; spigot and socket flexible joints in the running length; Class SN8 stiffness; all in accordance with the Engineers Specifications; as per drawing no: 23009-DR-0101</u>					
B	150mm diameter; laid in position	143	m		
Extra over pipes on which they occur for					
<u>Bends; uPVC bends; Stiffness Class 8kN/m2; spigot and socket flexible joints; all in accordance with the Engineers Specifications</u>					
C	150mm diameter; bends	2	nr		
<u>Non-degradable marker tape to top of pipe bedding layer; marker tape to incorporate a trace wire linked to fittings and terminated at discharge manhole</u>					
D	Marker tape	143	m		
<u>1800mm High Concrete Masonry Wall</u>					
<u>EXCAVATION AND EARTHWORK: Excavation</u>					
Excavation					
<u>Foundation Trenches; Excavating for foundation trenches; through T1 Filling (measured elsewhere) starting filling levels;</u>					
E	Foundation trenches depth not exceeding 2.00m	2	m3		
Extra on excavation items for					
<u>Excavating below ground water level</u>					
F	excavating below ground water level	1	item		
Disposal					
<u>Water</u>					
G	surface water; keeping the site free of surface water	1	item		

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(30) SITE ENCLOSURES (Continued)</u>					
A	ground water; keeping the excavations free of ground water <u>Excavated material disposed of off site to licensed landfill</u>	1	item		
B	excavated material from reduced levels <u>CONCRETE WORK: In-Situ Concrete</u> Plain in-situ concrete; C30/37; vibrated; all in accordance with the Engineers Specification's <u>Foundations</u>	2	m3		
C	Foundations poured on or against filling; in trenches <u>CONCRETE WORK: Reinforcement</u> Reinforcement fabric mesh; 500mm side and end laps; minimum 50mm cover; all in accordance with the Engineers Specification's; no allowance in measurement for laps <u>Fabric Mesh Reinforcement</u>	2	m3		
D	A393 Fabric Reinforcement; exceeding 300mm wide; horizontal; strip foundation <u>CONCRETE WORK: Formwork</u> Formwork generally; finish as per Engineers specification <u>Sides of foundations</u>	7	m2		
E	rectangular; height exceeding 250mm not exceeding 500mm ; <u>BRICKWORK AND BLOCKWORK: Brickwork/Blockwork</u> Walls in trenches <u>Solid concrete blockwork; 215mm x 100mm x 440mm; compressive strength 13N/mm2; bedded in sand and cement mortar (1:3); stretcher bond; forming vent opes in blockwork as work proceeds; all in accordance with the Engineers Specification's</u>	21	m		

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(30) SITE ENCLOSURES (Continued)</u>					
A	215mm thick Walls above ground <u>Solid concrete blockwork; 215mm x 100mm x 440mm; compressive strength 13N/mm2; bedded in sand and cement mortar (1:3); stretcher bond; forming vent opes in blockwork as work proceeds; all in accordance with the Engineers Specification's</u>	4	m2		
B	215mm thick <u>Floor, Wall and Ceiling Finishings: Finishings</u> Plaster Finish to External Cavity Wall Outer Leaf; Cement sand plaster/render finish shall be applied to the external cavity wall outer leaf; 3nr coats; Coat 1: 3-5mm thickness. - 1: 4 of Cement: Sharp Sand, include for a waterproof agent Sika or similar, Coat 2: 10-14mm thickness - Scratch Coat the mix ratio is 1: 5 of Cement: Plastering Sand with plasticiser Coat 3: 10-14mm thickness - Knapp Finish Coat - 1: 6 of Cement to Plastering Sand. All surface preparation, backing and finishing coats, beads, jointing, curing, and ancillary works shall be included in accordance with the drawings, specifications, and manufacturer's recommendations. <u>Walls</u>	19	m2		
C	Exceeding 300mm wide <u>FENCING</u> <u>SURFACE PAVINGS, FENCING AND LANDSCAPING:</u> <u>Fencing</u>	38	m2		

Pricing Document

Description	Qty	Unit	Rate	Total
			€	€
<u>(30) SITE ENCLOSURES (Continued)</u>				
Fencing; Palisade Fencing; 2,000mm high palisade fencing comprising fully welded panels with 80mm x 20mm x 3mm 'W' section triple-pointed pales (23 no. pales per bay) welded to 80mm x 50mm x 3mm SHS horizontal rails with minimum 4 x 40mm welds per pale; fixed to 2,000mm x 100mm x 100mm vertical joist posts at 2,750mm centres fixed to 200mm x 200mm x 10mm base plate; 4nr M16 Anchor bolts to each post; fence fixed to concrete retaining wall; Including all proprietary brackets, bolts, mechanical fixings, base plates and all ancillary components necessary for complete installation. All components galvanized to BS EN 1461 and powder coated in selected RAL Colour 9005 (Black) (Plasgalv finish). All in accordance with Architect and Engineers drawings and specifications <u>Fencing as described; 2,000mm high.</u> generally	111	m		
Fencing; Hit & Miss Fencing; 2,000mm high hit & miss fencing comprising 100mm x 100mm x 5mm RHS steel posts at 2,500mm centres with 200mm x 200mm x10mm steel base plates to 200mm x 200mm x 10mm baseplate; 4 no. 60x60mm horizontal steel box section rails at 615mm centres fixed to posts with associated brackets. Including 150mm x 20mm composite boards mechanically fixed vertically to both sides of the steel framing in a staggered hit & miss arrangement. Post mechanically fixed to retaining wall with 4nr M16 Anchor bolts; Allow for all brackets, bolts, mechanical fixings, base plates and all ancillary components necessary for complete installation. All steel components galvanized in accordance with BS EN 1461 and powder coated in selected RAL Colour 9005 (Black) (Galvanized and Powder Coated finish). All in accordance with Architect and Engineers drawings and specifications <u>Fencing as described; 2,000mm high.</u>				

Ref: 2793

PD 68/7

To Collection €:

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(30) SITE ENCLOSURES (Continued)</u>					
A	generally Gate 01; Double Steel Gates; Supply and install double steel gates with supporting structure comprising 2 no. 2,400mm high 100mm x100mm x 8mm SHS steel posts with 120mm x 120mm mild steel capping and 300mm x300mm x 10mm base plates and 4nr M16 Anchor bolts, fixed to 600mm x 600mm x 600mm concrete foundations with C28/35 concrete; minimum of 600mm lean mix concrete to underside of concrete pockets; disposal of surplus excavated material off site, backfilling with suitable excavated material;. Provide 2 no. gate leaves 2,200mm high x 1,195mm wide fabricated from 50mm x 10mm mild steel plate framing with 4 no. horizontal members and 20mm diameter vertical bars with domed caps at 115mm centres (max 100mm spacing), including diagonal bracing. Allow for all 300mm x 200mm x 10mm Mild steel flat plat welded to pier with 40mm x 12mm MS flat "u" bracket bolted to frame with M12 bolt; to include for closing mechanism, associated drop pins and recover plates; A fully welded, galvanised, shrouded steel sliding bolt lock with an anti-snap euro cylinder and zero exposed components. 5 cylinder-based mortice lock with Euro profile cylinder (EN 1303 Grade 5 or higher). To include: Anti-snap protection, Anti-drill pins, Anti-bump resistance, Hardened steel cylinder guard, minimum 5 mm thick, Rotating anti-grip outer ring. Hardened steel deadbolt: Minimum throw: 30 mm, Anti-saw inserts or rotating bolt element. Provide 6 No. keys at handover; contractor to include for forming 4nr holes in finished surface for closing pins; including all hinges, brackets, bolts, fixings, locking mechanisms, drop pins, receiver plates and all ancillary components required for complete installation. All steelwork galvanized to BS EN 1461 and powder coated in RAL 9005 (Black) (Plasgalv finish); All in accordance with Architect and Engineers drawings and specifications <u>Gate as described; pedestrian; 2,400mm high.</u>	34	m		

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(30) SITE ENCLOSURES (Continued)</u>					
A	generally Gate 02; Steel Gate; Supply and install steel gate with supporting structure comprising 2,400mm high 100mm x100mm x 8mm SHS steel post with 120mm x 120mm mild steel capping and 300mm x300mm x 10mm base plates and 4nr M16 Anchor bolts, fixed to 600mm x 600mm x 600mm concrete foundations with C28/35 concrete; minimum of 600mm lean mix concrete to underside of concrete pockets; disposal of surplus excavated material off site, backfilling with suitable excavated material;. Provide gate 2,200mm high x 1,220mm wide fabricated from 50mm x 10mm mild steel plate framing with 4 no. horizontal members and 20mm diameter vertical bars with domed caps at 115mm centres (max 100mm spacing), including diagonal bracing. Allow for all 300mm x 200mm x 10mm Mild steel flat plat welded to pier with 40mm x 12mm MS flat "u" bracket bolted to frame with M12 bolt; to include for closing mechanism, associated drop pins and recover plates; Gate locking mechanism: A fully welded, galvanised, shrouded steel sliding bolt lock with an anti-snap euro cylinder and zero exposed components. 5 cylinder-based mortice lock with Euro profile cylinder (EN 1303 Grade 5 or higher). To include: Anti-snap protection, Anti-drill pins, Anti-bump resistance, Hardened steel cylinder guard, minimum 5 mm thick, Rotating anti-grip outer ring. Hardened steel deadbolt: Minimum throw: 30 mm, Anti-saw inserts or rotating bolt element. Provide 6 No. keys at handover; contractor to include for forming 2nr holes in finished surface for closing pins; including all hinges, brackets, bolts, fixings, locking mechanisms, drop pins, receiver plates and all ancillary components required for complete installation. All steelwork galvanized to BS EN 1461 and powder coated in RAL 9005 (Black) (Plasgalv finish); All in accordance with Architect and Engineers drawings and specifications	1	nr		

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(30) SITE ENCLOSURES (Continued)</u>					
A	<u>Gate as described; pedestrian; 2300mm high.</u>				
	generally	1	nr		
Gate 02 Overhead Panel; Supply and install steel overhead panel; Provide overhead 1,200mm high x 1,555mm wide fabricated from 50mm x 10mm mild steel plate framing with 3 no. horizontal members and 20mm diameter vertical bars with domed caps at 115mm centres (max 100mm spacing), including diagonal bracing. Allow for all 300mm x 200mm x 10mm Mild steel flat plat welded to pier with 40mm x 12mm MS flat "u" bracket bolted to frame with M12 bolt; to include for closing mechanism, associated and recover plates; Gate locking mechanism: A fully welded, galvanised, shrouded steel sliding bolt lock with an anti-snap euro cylinder and zero exposed components. 5 cylinder-based mortice lock with Euro profile cylinder (EN 1303 Grade 5 or higher). To include: Anti-snap protection, Anti-drill pins, Anti-bump resistance, Hardened steel cylinder guard, minimum 5 mm thick, Rotating anti-grip outer ring. Hardened steel deadbolt: Minimum throw: 30 mm, Anti-saw inserts or rotating bolt element. Provide 6 No. keys at handover; including all hinges, brackets, bolts, fixings, locking mechanisms, receiver plates and all ancillary components required for complete installation. All steelwork galvanized to BS EN 1461 and powder coated in RAL 9005 (Black) (Plasgalv finish); All in accordance with Architect and Engineers drawings and specifications					
B	<u>Gate as described; pedestrian; 1,200mm high.</u>				
	generally	1	nr		
Ref: 2793		PD 68/10		To Collection €:	

Pricing Document

Description	Qty	Unit	Rate	Total
			€	€
<u>(30) SITE ENCLOSURES (Continued)</u>				
Gate 03; Double Steel Gates; Supply and install double steel gates with supporting structure comprising 2 no. 2,400mm high 100mm x100mm x 8mm SHS steel posts with 120mm x 120mm mild steel capping and 300mm x300mm x 10mm base plates and 4nr M16 Anchor bolts, fixed to 600mm x 600mm x 600mm concrete foundations with C28/35 concrete; minimum of 600mm lean mix concrete to underside of concrete pockets; disposal of surplus excavated material off site, backfilling with suitable excavated material;. Provide 2 no. gate leaves 2,200mm high x 1,650mm wide fabricated from 50mm x 10mm mild steel plate framing with 5 no. horizontal members and 20mm diameter vertical bars with domed caps at 115mm centres (max 100mm spacing), including diagonal bracing. Allow for all 300mm x 200mm x 10mm Mild steel flat plate welded to pier with 40mm x 12mm MS flat "u" bracket bolted to frame with M12 bolt; to include for closing mechanism, associated drop pins and recover plates; A fully welded, galvanised, shrouded steel sliding bolt lock with an anti-snap euro cylinder and zero exposed components. 5 cylinder-based mortice lock with Euro profile cylinder (EN 1303 Grade 5 or higher). To include: Anti-snap protection, Anti-drill pins, Anti-bump resistance, Hardened steel cylinder guard, minimum 5 mm thick, Rotating anti-grip outer ring. Hardened steel deadbolt: Minimum throw: 30 mm, Anti-saw inserts or rotating bolt element. Provide 6 No. keys at handover; contractor to include for forming 4nr holes in finished surface for closing pins; including all hinges, brackets, bolts, fixings, locking mechanisms, drop pins, receiver plates and all ancillary components required for complete installation. All steelwork galvanized to BS EN 1461 and powder coated in RAL 9005 (Black) (Plasgalv finish); All in accordance with Architect and Engineers drawings and specifications <u>Gate as described; pedestrian; 2,400mm high.</u>				
A generally	1	nr		
Ref: 2793			PD 68/11	
			To Collection €:	

Pricing Document

Description	Qty	Unit	Rate	Total
			€	€
<u>(30) SITE ENCLOSURES (Continued)</u> <u>WORKS OUTSIDE THE SITE BOUNDARY</u> <u>SURFACE PAVINGS, FENCING AND LANDSCAPING:</u> <u>Fencing</u> Fencing; Palisade Fencing; 2,000mm high palisade fencing comprising fully welded panels with 80mm x 20mm x 3mm 'W' section triple-pointed pales (23 no. pales per bay) welded to 80mm x 50mm x 3mm SHS horizontal rails with minimum 4 x 40mm welds per pale; fixed to 2,000mm x 100mm x 100mm vertical joist posts at 2,750mm centres fixed to 200mm x 200mm x 10mm base plate; 4nr M16 Anchor bolts to each post; posts bedded 900mm x 900mm x 600mm deep concrete pocket with C28/35 concrete; minimum of 600mm lean mix concrete to underside of concrete pockets; disposal of surplus excavated material off site, backfilling with suitable excavated material; making good to existing surfaces; Including all proprietary brackets, bolts, mechanical fixings, base plates and all ancillary components necessary for complete installation. All components galvanized to BS EN 1461 and powder coated in selected RAL Colour 9005 (Black) (Plasgalv finish). All in accordance with Architect and Engineers drawings and specifications <u>Fencing as described; 2000mm high.</u> A generally <u>ANY OTHER ITEMS</u> Quantity Adjustments <u>The Contractor to include here for any quantity adjustments necessary on any of the above items</u> A B C	9	m		
Ref: 2793	PD 68/12		To Collection €:	

Pricing Document

Description	Qty	Unit	Rate	Total
			€	€
<u>(30) SITE ENCLOSURES (Continued)</u>				
Any works deemed necessary to complete the work as indicated on the Architect's / Engineers drawings but not specifically identified and scheduled above				
<u>The Contractor shall describe and include here for any additional items in Qty Unit Rate format</u>				
A		noid		
B		noid		
C		noid		

Description	Qty	Unit	Rate	Total
(30) SITE ENCLOSURES (Continued) COLLECTION PD 68/1: PD 68/2: PD 68/3: PD 68/4: PD 68/5: PD 68/6: PD 68/7: PD 68/8: PD 68/9: PD 68/10: PD 68/11: PD 68/12: PD 68/13: (30) SITE ENCLOSURES Carried to Summary:			€	€

Ref: 2793

PD 68/14

Pricing Document

Description	Qty	Unit	Rate	Total
<u>(40) ROADS, PATHS, PAVINGS</u> <u>GENERALLY</u> The Contractor should note the following <u>Notes</u> Refer to Architect / Engineers Drawings & Specifications for full details All excavation / filling to formation level is included elsewhere in (10) Prepared Site The Contractor is deemed to have visited site and familiarised themselves with all existing site features for pricing purposes Road access shall be maintained for the duration of the works Please note where works occur outside site boundary contractors should note the inclusion of all traffic management, protection etc as part of the rates All road markings have been measured in accordance with the 'Road Markings Code IE' book. <u>PERMEABLE PAVING TRAFFICKED</u> EXCAVATION AND EARTHWORKS: Excavation Imported material; Clause 804 granular sub-base material type-B of the NRA specification for roadworks; aggregate, nominal size 10 mm – 63 mm, layer thickness compacting in 150mm thick layers; Depositing and compacting in layers; all as per Engineers drawing <u>Filling</u> To make up levels; not exceeding 250mm thick Imported material; Clean crushed aggregate; nominal size 6.3mm -10 mm; free from fines; deposited and spread to required thickness.; all as per Engineers drawing <u>Filling</u>			€	€
	571	m3		

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(40) ROADS, PATHS, PAVINGS (Continued)</u>					
A	To make up levels; not exceeding 250mm thick	69	m3		
<u>ROOFING, CLADDING AND WATERPROOFING; Mastic, Asphalt and Non-Metal Flexible Sheet Coverings</u>					
Synthetic Geotextile; laid strictly in accordance with the manufacturers instructions on hardcore; to achieve integrity for 120 years; no allowance for laps; including all taping and jointing; all in accordance with the Engineers Specification and Drawings					
<u>Geotextile Membranes</u>					
B	horizontal; exceeding 300mm wide (Trafficked)	2,281	m2		
<u>SURFACE PAVINGS, FENCING AND LANDSCAPING: In-Situ Surface Pavings</u>					
Roadstone Duraflow surface course or equal approved; 80mm thick layer; PA 20 Duraflow bin 70/100 design or equal approved; laid on elsewhere measured hardcore; compacted as per manufacturers recommendations					
<u>Roads</u>					
C	80mm thick - to falls and crossfalls	2,281	m2		
Roadstone Duraflow surface course or equal approved; 40mm thick layer; PA 10 Duraflow surf PMB design or equal approved; laid on elsewhere measured 40mm thick layer; compacted as per manufacturers recommendations					
<u>Roads</u>					
D	40mm thick - to falls and crossfalls	2,281	m2		
Thermoplastic road marking; Standard: Road Safety Markings Association standard specification document for road marking and road studs (StanSpec); colour: white/yellow; all as per the drawing no: 23009-DR-0701 and ROAD MARKINGS COAD IE - book.					
<u>Line marking</u>					

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(40) ROADS, PATHS, PAVINGS (Continued)</u>					
A	Continuous Single Centre Line (RRM 001) <u>Letters and figures</u>	241	m		
B	Land Indication Arrows (RRM 004)	12	nr		
C	Disabled Persons Parking Bay Symbol (RRM 015); Marked in white and located on the outer edge of each bay, 2500mm height and 1200mm width, reference RRM015, include for hatching box around perimeter of spaces approximately 30 m2 in area.	3	nr		
D	EV. Charging Parking Bay; include for hatching box around perimeter of spaces approximately 30 m2 in area(RRM35) <u>Pedestrian Crossings</u>	4	nr		
E	Zebra Crossing (RPC 001); Consists of two lines across the carriageway, spaced a minimum of 2.0 m apart (typically 2.4 m) and 100m wide white lines <u>PERMEABLE PAVING - PEDESTRIAN</u> EXCAVATION AND EARTHWORKS: Excavation Imported material; Clause 804 granular sub-base material type-B of the NRA specification for roadworks; aggregate, nominal size 10 mm – 63 mm, layer thickness compacting in 150mm thick layers; Depositing and compacting in layers; all as per Engineers drawing <u>Filling</u>	3	nr		
F	To make up levels; not exceeding 250mm thick Imported material; Clean crushed aggregate; nominal size 5mm - 20 mm; free from fines; deposited and spread to required thickness.; all as per Engineers drawing <u>Filling</u>	7	m3		
G	To make up levels; not exceeding 250mm thick	3	m3		
Ref: 2793		PD 69/3		To Collection €:	

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(40) ROADS, PATHS, PAVINGS (Continued)</u>					
Imported material; 50mm thick laying course in accordance with BS 7533 Part 3; deposited and spread to required thickness.; all as per Engineers drawing all as per Engineers drawing					
<u>Filling</u>					
A	To make up levels; not exceeding 250mm thick	2	m3		
<u>ROOFING, CLADDING AND WATERPROOFING; Mastic, Asphalt and Non-Metal Flexible Sheet Coverings</u>					
Synthetic Geotextile; laid strictly in accordance with the manufacturers instructions on hardcore; to achieve integrity for 120 years; no allowance for laps; including all taping and jointing; all in accordance with the Engineers Specification and Drawings					
<u>Geotextile Membranes</u>					
B	horizontal; exceeding 300mm wide (Non-Trafficked)	28	m2		
<u>SURFACE PAVINGS, FENCING AND LANDSCAPING: Pre-Formed Paving and Edging Units</u>					
Hydropave Shannon Heather permeable paving cobble block 208 x 173 x 60mm or equal and approved; Joint filling material in accordance with BS 7533 Part 3; all in accordance with Architect & Engineers Drawings & Specifications					
<u>Pavings</u>					
C	laid to falls and crossfalls	28	m2		
<u>CONCRETE FOOTPATH - NON-TRAFFICKED</u>					
EXCAVATION AND EARTHWORKS: Excavation					
Imported material; 150mm thick layer of UGM Ac sub base material; all as per Engineers drawing					
<u>Filling</u>					
D	To make up levels; not exceeding 250mm thick	70	m3		
Ref: 2793		PD 69/4		To Collection €:	

Pricing Document

	Description	Qty	Unit	Rate	Total
				€	€
	<u>(40) ROADS, PATHS, PAVINGS (Continued)</u>				
	CONCRETE WORK: In-Situ Concrete				
	Reinforced in-situ concrete; Grade C30/37-D20-S2-XC1); vibrated; all in accordance with the Engineers Specification's				
	<u>Footway / Islands to comply with Clause 1106</u>				
A	less than or equal to 150mm thick	70	m3		
	Surface Finishes				
	<u>Brushed Finish</u>				
B	not exceeding 150mm thick	461	m2		
	CONCRETE WORK: Reinforcement				
	Reinforcement fabric mesh; 500mm side and end laps; minimum 50mm cover; all in accordance with the Engineers Specification's; no allowance in measurement for laps				
	<u>Fabric</u>				
C	Reference BS A393 mesh; horizontal [bottom]	461	m2		
	CONCRETE WORK: Sundries				
	10mm construction joints at 3m centres				
	<u>Designed joints</u>				
D	generally	40	m		
	Bullnose trowel finish				
	<u>Surface finishes</u>				
E	generally	80	m		
	Concrete dished up to existing footpath to provide paved 3mt right of way for ESB; all as per P22-034 - T-004				
	<u>Dished up</u>				
F	generally	9	m2		
Ref: 2793		PD 69/5		To Collection €:	

Pricing Document

	Description	Qty	Unit	Rate	Total
				€	€
	<u>(40) ROADS, PATHS, PAVINGS (Continued)</u>				
	<u>CONCRETE WORK: Formwork</u>				
	Formwork generally; finish as per Engineers specification				
	<u>Edge of Paths</u>				
A	rectangular; height not exceeding 250mm	427	m		
	<u>ROOFING, CLADDING AND WATERPROOFING; Mastic, Asphalt and Non-Metal Flexible Sheet Coverings</u>				
	Synthetic Geotextile; laid strictly in accordance with the manufacturers instructions on hardcore; to achieve integrity for 120 years; no allowance for laps; including all taping and jointing; all in accordance with the Engineers Specification and Drawings				
	<u>Geotextile Membranes</u>				
B	horizontal; exceeding 300mm wide (Non-Trafficked)	461	m2		
	<u>CONCRETE FOOTPATH - TRAFFICKED & TACTILE PAVING</u>				
	EXCAVATION AND EARTHWORKS: Excavation				
	Imported material; 150mm thick layer of UGM Ac sub base material; all as per Engineers drawing				
	<u>Filling</u>				
C	To make up levels; not exceeding 250mm thick	6	m3		
	CONCRETE WORK: In-Situ Concrete				
	Reinforced in-situ concrete; Grade C30/37-D20-S2-XC1); vibrated; all in accordance with the Engineers Specification's				
	<u>Footway / Islands to comply with Clause 1106</u>				
D	less than or equal to 150mm thick	6	m3		
	Surface Finishes				
	<u>Brushed Finish</u>				
Ref: 2793 PD 69/6 To Collection €:					

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(40) ROADS, PATHS, PAVINGS (Continued)</u>					
A	not exceeding 150mm thick CONCRETE WORK: Reinforcement Reinforcement fabric mesh; 500mm side and end laps; minimum 50mm cover; all in accordance with the Engineers Specification's; no allowance in measurement for laps <u>Fabric</u>	38	m2		
B	Reference BS A393 mesh; horizontal [bottom] CONCRETE WORK: Sundries 10mm construction joints at 3m centres <u>Designed joints</u>	38	m2		
C	generally Bullnose trowel finish <u>Surface finishes</u>	10	m		
D	generally CONCRETE WORK: Formwork Formwork generally; finish as per Engineers specification <u>Edge of Paths</u>	20	m		
E	rectangular; height not exceeding 250mm <u>ROOFING, CLADDING AND WATERPROOFING; Mastic, Asphalt and Non-Metal Flexible Sheet Coverings</u> Synthetic Geotextile; laid strictly in accordance with the manufacturers instructions on hardcore; to achieve integrity for 120 years; no allowance for laps; including all taping and jointing; all in accordance with the Engineers Specification and Drawings <u>Geotextile Membranes</u>	55	m		
F	horizontal; exceeding 300mm wide (Non-Trafficked)	38	m2		

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(40) ROADS, PATHS, PAVINGS (Continued)</u>					
<u>SURFACE PAVINGS, FENCING AND LANDSCAPING:</u>					
<u>Pre-Formed Paving and Edging Units</u>					
Paving; tactile paving slabs; buff; 400 x 400 x 50mm buffer blister tactile units (30 domes); laid at courtesy pedestrian crossings use of Tactile Paving Surfaces; complete with bedding, jointing and all associated works; all as per 23009-DR-0702					
<u>Tactile</u>					
A	Tactile paving as described; set in concrete	11	m2		
<u>KERBING</u>					
<u>CONCRETE WORK: Precast Concrete / Composite Construction / Stone Faced Concrete Panels</u>					
Half battered pre-cast concrete kerbs to IS EN 1340; size: 250 x 120mm; bedding of units: position true to line and level along top and front face, on a cement mortar bed ; 150mm thick grade C20 concrete foundations; joint: point with cement mortar; all as per 23009-DR-0701-T1/0702					
<u>Kerbs</u>					
B	Size: 100mm precast concrete; straight	614	m		
C	Size: 100mm precast concrete; curved	6	m		
D	Size: 6mm precast concrete; straight	115	m		
E	Size: 6mm precast concrete; curved	6	m		
<u>WORKS OUTSIDE THE SITE BOUNDARY</u>					
EXCAVATION AND EARTHWORKS: Excavation					
Imported material; Clause 804 granular sub-base material type-B of the NRA specification for roadworks; aggregate, nominal size 10 mm – 63 mm, layer thickness compacting in 150mm thick layers; Depositing and compacting in layers; all as per Engineers drawing					
<u>Filling</u>					
Ref: 2793		PD 69/8		To Collection €:	

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(40) ROADS, PATHS, PAVINGS (Continued)</u>					
A	To make up levels; not exceeding 250mm thick Imported material; Clean crushed aggregate; nominal size 6.3mm -10 mm; free from fines; deposited and spread to required thickness.; all as per Engineers drawing <u>Filling</u>	36	m3		
B	To make up levels; not exceeding 250mm thick <u>ROOFING, CLADDING AND WATERPROOFING; Mastic, Asphalt and Non-Metal Flexible Sheet Coverings</u> Synthetic Geotextile; laid strictly in accordance with the manufacturers instructions on hardcore; to achieve integrity for 120 years; no allowance for laps; including all taping and jointing; all in accordance with the Engineers Specification and Drawings <u>Geotextile Membranes</u>	5	m3		
C	horizontal; exceeding 300mm wide (Trafficked) <u>SURFACE PAVINGS, FENCING AND LANDSCAPING: In-Situ Surface Pavings</u> Roadstone Duraflow surface course or equal approved; 80mm thick layer; PA 20 Duraflow bin 70/100 design or equal approved; laid on elsewhere measured hardcore; compacted as per manufacturers recommendations <u>Roads</u>	143	m2		
D	80mm thick - to falls and crossfalls Roadstone Duraflow surface course or equal approved; 40mm thick layer; PA 10 Duraflow surf PMB design or equal approved; laid on elsewhere measured 40mm thick layer; compacted as per manufacturers recommendations <u>Roads</u>	143	m2		
E	40mm thick - to falls and crossfalls	143	m2		

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(40) ROADS, PATHS, PAVINGS (Continued)</u>					
Extra over for forming neat joint with existing road. Include for all necessary saw cutting, tack coat etc. complete					
<u>Sundries</u>					
A	Fair joint to existing road finish	25	m		
Thermoplastic road marking; Standard: Road Safety Markings Association standard specification document for road marking and road studs (StanSpec); colour: white/yellow; all as per the drawing no: 23009-DR-0701 and ROAD MARKINGS COAD IE - book.					
<u>Line marking</u>					
B	Continuous Single Centre Line (RRM 001)	17	m		
C	No Entry Line (RRM 019)	14	m		
<u>Letters and figures</u>					
D	worded STOP Marking (M 114)	2	nr		
<u>CONCRETE FOOTPATH - ESB SUBSTATION</u>					
EXCAVATION AND EARTHWORKS: Excavation					
Imported material; 150mm thick layer of UGM Ac sub base material; all as per Engineers drawing					
<u>Filling</u>					
E	To make up levels; not exceeding 250mm thick	2	m3		
CONCRETE WORK: In-Situ Concrete					
Reinforced in-situ concrete; Grade C30/37-D20-S2-XC1); vibrated; all in accordance with the Engineers Specification's					
<u>Footway / Islands to comply with Clause 1106</u>					
F	less than or equal to 150mm thick	2	m3		
Surface Finishes					
<u>Brushed Finish</u>					
Ref: 2793				PD 69/10	
				To Collection €:	

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(40) ROADS, PATHS, PAVINGS (Continued)</u>					
A	not exceeding 150mm thick CONCRETE WORK: Reinforcement Reinforcement fabric mesh; 500mm side and end laps; minimum 50mm cover; all in accordance with the Engineers Specification's; no allowance in measurement for laps <u>Fabric</u>	9	m2		
B	Reference BS A393 mesh; horizontal [bottom] CONCRETE WORK: Sundries 10mm construction joints at 3m centres <u>Designed joints</u>	2	m2		
C	generally Bullnose trowel finish <u>Surface finishes</u>	4	m		
D	generally CONCRETE WORK: Formwork Formwork generally; finish as per Engineers specification <u>Edge of Paths</u>	8	m		
E	rectangular; height not exceeding 250mm <u>ROOFING, CLADDING AND WATERPROOFING; Mastic, Asphalt and Non-Metal Flexible Sheet Coverings</u> Synthetic Geotextile; laid strictly in accordance with the manufacturers instructions on hardcore; to achieve integrity for 120 years; no allowance for laps; including all taping and jointing; all in accordance with the Engineers Specification and Drawings <u>Geotextile Membranes</u>	12	m		
F	horizontal; exceeding 300mm wide (Non-Trafficked)	9	m2		

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(40) ROADS, PATHS, PAVINGS (Continued)</u>					
<u>KERBING</u>					
<u>CONCRETE WORK: Precast Concrete / Composite Construction / Stone Faced Concrete Panels</u>					
Half battered pre-cast concrete kerbs to IS EN 1340; size: 250 x 120mm; bedding of units: position true to line and level along top and front face, on a cement mortar bed ; 150mm thick grade C20 concrete foundations; joint: point with cement mortar; all as per 23009-DR-0701-T1/0702-T2					
<u>Kerbs</u>					
A	Size: 100mm precast concrete; straight	18	m		
B	Size: 100mm precast concrete; curved	6	m		
<u>Slip form kerb to match existing</u>					
C	straight	29	m		
<u>ANY OTHER ITEMS</u>					
Quantity Adjustments					
<u>The Contractor to include here for any quantity adjustments necessary on any of the above items</u>					
A	.....		noid		
B	.....		noid		
C	.....		noid		
Any works deemed necessary to complete the work as indicated on the Architect's / Engineers drawings but not specifically identified and scheduled above					
<u>The Contractor shall describe and include here for any additional items in Qty Unit Rate format</u>					
A	.....		noid		
B	.....		noid		
C	.....		noid		
Ref: 2793		PD 69/12		To Collection €:	

[illegible]

Pricing Document

Description	Qty	Unit	Rate	Total
			€	€
<u>(50) SITE SERVICES (MAINLY PIPED AND DUCTED)</u>				
<u>GENERALLY</u>				
The Contractor should note the following				
<u>Notes</u>				
Refer to Civil & Structural/ M&E Engineers Drawings & Specifications for full details		Note		
The Contractor should take note that all excavations through excavated material, rock and ground water are nett and there are no allowances made for bulk excavations for same within the measured works.		note		
Special attention is drawn to works carried out on public road for connections to the existing mains. The Contractor is deemed to have included within his Tender for working in areas where the public have full rights of resort and for providing, where required, license's, road opening licience, temporary barriers, crossings, traffic lights, traffic management, warning signs etc. deemed necessary for completion of the works		note		
The Contractor is deemed to have visited site and familiarised themselves with all existing services for pricing purposes		Note		
All drainage works shall be constructed strictly in accordance with the Local Authority's requirements for taking in charge and in accordance with the recommendations for site development works for housing areas		Note		
Work in this section may relate public utilities connections and the Contractor should allow for all attendances, liaison, etc. as required		Note		
All ecavation has been taken from reduced levels		Note		
FOUL WATER DRAINAGE				
All wastewater works shall be carried out in accordance with Irish Water Standard Details and Code of Practice for Water Infrastructure Document IW-CDS-5030-01		note		
Ref: 2793			PD 70/1	
			To Collection €:	

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(50) SITE SERVICES (MAINLY PIPED AND DUCTED)</u>					
<u>(Continued)</u>					
DISPOSAL BELOW GROUND					
Excavating trenches to receive pipes; not exceeding 250mm nominal diameter; starting from reduced levels earthwork support, grading bottoms; disposing of surplus excavated material off site; backfill above pipe bed and surround to formation level with clause 804 hardcore; all as per drawing no.23009-C-DR-0510 Wastewater Drainage and 23009-C-SPEC Civil Engineering Specification					
<u>Excavating trenches</u>					
pipes < 250 mm nominal diameter (Main lines)					
A	average depth; 0.50m - 1.00m	28	m		
B	average depth; 1.00m - 1.50m	26	m		
C	average depth; 1.50m - 2.00m	49	m		
D	average depth; 2.00m - 2.50m	37	m		
pipes < 250 mm nominal diameter (Branch lines)					
E	average depth; 0.50m - 1.00m	2	m		
F	average depth; 1.50m - 2.00m	3	m		
G	average depth; 2.00m - 2.50m	6	m		
Extra for Non degradable marker tape; installed at the top of pipe bedding layer doe sewer and rising mains. it should run continuously around manholes; as per Engineers Drawings & Specifications					
<u>Extra over excavating trenches irrespective of depth for</u>					
H	pipes < 250 mm nominal diameter (Main lines)	139	m		
J	pipes < 250 mm nominal diameter (Branch lines)	11	m		
Disposal					
<u>ground water</u>					
K	generally	1	Item		

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
A	<u>(50) SITE SERVICES (MAINLY PIPED AND DUCTED)</u> <u>(Continued)</u> <u>surface water</u> generally	1	Item		
	Granular bed and surround; with granular material in accordance with CC-SPW-00500 Clause 3.2(i) shall be placed and compacted as pipe surround over the full width of the trench in layers not exceeding 200mm before compaction to a minimum finished thickness of 300mm above the crown of the pipes.; as per drawing no.23009-C-DR-0503 Surface Water Drainage - Construction Details (Sheet 1 of 2) <u>Beds and Surrounds</u>				
B	600mm wide x 650mm thick (200mm bedding depth) to 150mm diameter pipes Unplasticised Polyvinyl Chloride uPVC pipes for wastewater gravity sewer; application area code "UD"; stiffness class 8kN/m²; material: PVC-U smooth internal and external with either a foamed or recycled PVC-U core; socket: integral socket at one end, fitted with rubber sealing manufactured to IS EN 681-1; plain end: chamfered; quality: manufactured in accordance with Quality Management System IS EN ISO 9001:2008 and Environmental Quality System IS EN ISO 14001:2004; as per drawing no.23009-C-DR-0510 wastewater drainage layout <u>Pipes</u> In trenches	149	m		
C	150mm pipework laid in position Extra over for short lengths < 3.00m	149	m		
D	short lengths < 3.00m <u>extra over pipes on which they occur for</u> swept bends; double socketed	4	nr		

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(50) SITE SERVICES (MAINLY PIPED AND DUCTED)</u>					
<u>(Continued)</u>					
A	long radius bends, 150mm diameter; branches; triple socketed	14	nr		
B	Y junction; 150 x 150 x 150mm rocker pipe;	3	nr		
C	150mm diameter; 600mm long <u>Access junctions; uPVC A.j.'s; all in accordance with the Engineers Specification's</u>	4	nr		
D	Access Junctions <u>Back inlet gully trap; uPVC BIGT's; all in accordance with the Engineers Specification's</u>	6	nr		
E	Back inlet gully traps	2	nr		
Ref: 2793		PD 70/4		To Collection €:	

**Brennan
Associates**

Description	Qty	Unit	Rate	Total
			€	€
<u>(50) SITE SERVICES (MAINLY PIPED AND DUCTED)</u> <u>(Continued)</u> Precast concrete rings to IS 420 and IS EN 1917:2004; 1,200mm x 1,200mm internal dimensions; Excavation; grading bottoms; earth work support; disposing of surplus excavated material off site; 75mm grade C12/15 blinding concrete; reinforced concrete base grade C30/37; invert formed with cast in-situ concrete C25/30 finished with 1:3 cement sand mortar at 1:30 slope towards channel; 150mm grade C20/25 in-situ concrete surround; bottom precast section built into base concrete minimum 75mm; elastomeric joint seal to EN 681; 1 to 3 courses class B solid engineering brick in M30 mortar to achieve cover level; galvanised mild steel & plastic encapsulated manhole steps to IS EN 13101 Type D Class 1; ladders to IS EN 14396 for depths exceeding 3.0m; 900mm minimum clear access behind ladder; 1200mm shaft diameter; rocker pipe with flexible joint maximum 600mm from manhole; cover and frame (measured separately); OPE 600x600mm; cover set in cementitious epoxy resin/polyester mortar 30kN/mm²; 200mm wide 100mm deep concrete plinth around cover in green areas; including all excavations, earthwork support, formwork, openings for pipes and disposal of surplus material off site; all as shown on Engineer's drawing no.23009-C-DR-0510 Wastewater Drainage and in accordance with STD-WW-10 <u>Manholes</u> 1,000 - 1,500mm deep 2,000 - 2,500mm deep				
	1	nr		
	1	nr		

Ref: 2793

PD 70/5

To Collection €:

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(50) SITE SERVICES (MAINLY PIPED AND DUCTED)</u> <u>(Continued)</u>					
Precast concrete inspection chamber; 150mm in-situ concrete base grade C25/30; minimum internal dimensions 600mm diameter or 600mm x 600mm; precast units with watertight interlocking joints; pipes built into chamber wall with watertight seals; benching surrounded by minimum 150mm compacted material to STD-WW-07; 1 to 3 courses class B engineering bricks in M30 mortar; sealed cover and frame to IS EN 124; cover set in cementitious epoxy resin/polyester mortar 30kN/mm²; 200mm wide x 100mm deep concrete plinth around cover in green areas; including all excavations, earthwork support, formwork, openings for pipes and disposal of surplus material off site; all as shown on Engineer's drawing and in accordance with STD-WW-13 <u>Inspection chambers</u>					
A	Inspection chambers 600mm diameter; 2,000 - 2,500mm deep benching; Benching concrete grade C25/30 finished with a 1:3 cement sand mortar ;minimum width of benching for landing area to be 500mm. <u>Sundries on manholes</u>	3	nr		
B	benching Covers: Ductile cast iron manhole cover and frame to IS EN 124:1994 and BS 7903 ; cover & frame coated in bitumen or other approved material; bedding frame in cement and sand mortar (1:2); on Class B engineering bricks to IS 91 (min. 1 course, max. 3 courses high) to series 2400 of RCD; laid in cement and sand mortar (1:3) in upstand for manhole cover; bedding frame in cementitious epoxy resin / polyester mortar 30N/mm²; sealing cover with grease; as per STD-WW-10 <u>Sundries on manholes</u>	2	nr		
C	600mm x 600mm; heavy duty, class D400; single seal type	2	nr		
Ref: 2793		PD 70/6		To Collection €:	

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
A	<u>(50) SITE SERVICES (MAINLY PIPED AND DUCTED)</u> <u>(Continued)</u> 600mm x 600mm; heavy duty, class D400; single seal type; inspection chamber Foul water drainage system in accordance with Irish Water Code of Practice which includes; Air test on all pipelines to IS EN 752. Each section of pipeline to be tested on two occasions namely after installation but before backfilling AND after backfilling. All manholes to be tested for exfiltration to IS EN 1610 PRIOR to backfilling. All manholes to be tested for infiltration to CESWI AFTER backfilling. All As built information required by IW including as build layouts and details, CCTV survey footage and reporting, manhole condition surveys. Refer to CoP for full details of requirements. <u>Testing and Commissioning</u>	3	nr		
	testing of foul water pipelines, manholes and inspection chambers; all as per Engineers specification	1	Item		
	CCTV survey of foul water pipelines and manholes; all as per Engineers specification As Constructed Drawings <u>Construction drawings</u>	1	Item		
	on completion of the foul water drainage system "As Constructed Drawings" are to be prepared; 2no. copies are to be presented to the Engineer SURFACE WATER DRAINAGE The Specification for surface water drainage works shall be Specification for Road Works - Drainage and Service Ducts CC-SPW-00500 DISPOSAL BELOW GROUND	1	Item		
			note		

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(50) SITE SERVICES (MAINLY PIPED AND DUCTED)</u>					
<u>(Continued)</u>					
Excavating trenches to receive pipes; not exceeding 250mm nominal diameter; starting from reduced levels earthwork support, grading bottoms; disposing of surplus excavated material off site; backfill above pipe bed and surround to formation level with Class 6F2 granular material; all as per drawing 023009-DR-0501 and 23009-C-SPEC Civil Engineering Specification					
<u>Excavating trenches</u>					
pipes < 250 mm nominal diameter (Main lines)					
A	average depth; not exceeding 0.50m	81	m		
B	average depth; 0.50m -1.00m	102	m		
C	average depth; 1.00m -1.50m	127	m		
D	average depth; 1.50m - 2.00m	47	m		
E	average depth; 2.00m - 2.50m	8	m		
pipes < 250 mm nominal diameter (Branch lines)					
F	average depth; 0.50m - 1.00m	9	m		
G	average depth; 1.00m - 1.50m	33	m		
Extra for Non degradable marker tape; installed at the top of pipe bedding layer doe sewer and rising mains. it should run continuously around manholes; as per Engineers Drawings & Specifications					
<u>Extra over excavating trenches irrespective of depth for</u>					
H	pipes < 250 mm nominal diameter (Main lines)	407	m		
Excavating trenches to receive pipes (Perforated surface water pipe for Infiltration trench); not exceeding 250mm nominal diameter; starting from existing or reduced levels earthwork support, grading bottoms; disposing of surplus excavated material off site; backfill above rockfill pipe bed and surround to formation level with excavated subsoil; all as per drawing 023009-DR-0504 and 23009-C-SPEC Civil Engineering Specification					
Ref: 2793		PD 70/8		To Collection €:	

Pricing Document

Description	Qty	Unit	Rate	Total
			€	€
<u>(50) SITE SERVICES (MAINLY PIPED AND DUCTED)</u> <u>(Continued)</u>				
<u>Excavating trenches</u>				
pipes < 250 mm nominal diameter (Main lines)				
average depth; 1.50m - 2.00m	22	m		
Extra for Non degradable marker tape; installed at the top of pipe bedding layer doe sewer and rising mains. it should run continuously around manholes; as per Volume A C&S Works Requirements clause 8.43				
<u>Extra over excavating trenches irrespective of depth for</u>				
pipes < 250 mm nominal diameter (Main lines)	22	m		
Disposal				
<u>ground water</u>				
generally	1	Item		
<u>surface water</u>				
generally	1	Item		
Granular bed and surround; with granular material in accordance with CC-SPW-00500 Clause 3.2(i) shall be placed and compacted as pipe surround over the full width of the trench in layers not exceeding 200mm before compaction to a minimum finished thickness of 150mm above the crown of the pipes; as per drawing no.23009-DR-0503 construction details sheet 1				
<u>Beds and Surrounds</u>				
500mm wide x 350mm thick (100mm bedding depth) to 100mm diameter pipes	186	m		
600mm wide x 500mm thick (200mm bedding depth) to 150mm diameter pipes	46	m		
600mm wide x 575mm thick (200mm bedding depth) to 225mm diameter pipes	99	m		
Ref: 2793				
PD 70/9				
To Collection €:				

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(50) SITE SERVICES (MAINLY PIPED AND DUCTED)</u>					
<u>(Continued)</u>					
Clean rockfill uniformly graded (max.size 100mm) providing min.30% air voids; to rock fill thickness 1.0m; shall be placed and compacted as pipe surround over the full width of the trench; as per drawing no.23009-DR-0504 construction details sheet 2					
<u>Beds and Surrounds</u>					
A	2,000mm wide x 1,000mm depth to 225mm diameter pipes	22	m		
Unplasticised Polyvinyl Chloride (uPVC) pipes in accordance with IS EN 1401; shall have ultimate pipe stiffness (STES) in excess of 1,400 N/m ² when tested in accordance with BS 4962; resistance to impact shall comply with BS 4962; as per drawing 23009-C-DR-501 to 23009-C-DR-504 and in accordance with CC-SPW-00500 specification clause 1.3					
<u>Pipes</u>					
in trenches					
B	100mm pipework laid in position	45	m		
Extra over for short lengths < 3.00m					
C	short lengths < 3.00m	11	nr		
D	150mm pipework laid in position	79	m		
E	225mm pipework laid in position	106	m		
F	300mm pipework laid in position	10	m		
<u>Pipe Accessories</u>					
branches; triple socketed					
G	T junction; 225 x 225 x 100mm	5	nr		
H	Y junction; 100 x 100 x 100mm	2	nr		
J	Saddle connection with bends as required from gully discharge pipe to surface water drain	4	nr		
swept bends; double socketed					
Ref: 2793		PD 70/10		To Collection €:	

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(50) SITE SERVICES (MAINLY PIPED AND DUCTED)</u>					
<u>(Continued)</u>					
A	bends 100mm x 45/90 degrees	41	nr		
B	bends 150mm x 45/90 degrees	76	nr		
C	bends 225mm x 45/90 degrees	28	nr		
Unplasticised Polyvinyl Chloride (uPVC) Perforated pipes in accordance with IS EN 1401; with a pipe stiffness and impact resistance; as per Engineering drawing no.23009-C-DR-504 and in accordance with CC-SPW-00500 specification clause 1.3					
<u>Pipes</u>					
D	100mm pipework laid in position	142	m		
E	100mm pipework laid in position - filter drain	186	m		
F	225mm pipework laid in position	22	m		
swept bends; double socketed					
<u>Pipe Accessories</u>					
G	100mm diameter x 45/90 degrees	17	nr		
Access junction (AJ); Precast or in-situ chamber base; 450 mm diameter; 1nr 100mm inlet and 1nr 100mm outlet; uPVC or equivalent cover and frame set to finished level and all inlet and outlet pipe connections with jointing; including granular bedding and surround, backfilling and all associated works complete in accordance with drawing no.23009-DR-0503 detail SW7 and specification.					
<u>Pipe accessories</u>					
H	generally	2	nr		
Ref: 2793		PD 70/11		To Collection €:	

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(50) SITE SERVICES (MAINLY PIPED AND DUCTED)</u> <u>(Continued)</u>					
A	Access junction (AJ); Precast or in-situ chamber base; 450 mm diameter; 2nr 100mm inlet and 1nr 100mm outlet; uPVC or equivalent cover and frame set to finished level and all inlet and outlet pipe connections with jointing; including granular bedding and surround, backfilling and all associated works complete in accordance with drawing no.23009-DR-0503 detail SW7 and specification.				
	<u>Pipe accessories</u>				
	generally	4	nr		
	Precast concrete gully trap according to CC-SCD-00510 & CC-SCD-00512 ; excavation; grading bottoms; disposing of surplus excavated material off site; 50mm thick ST4 Concrete blinding to base; Gully encased in 150mm concrete grade C20/25; include for all ends required to connect gully to 150mm pipework; chain, rodding eye fixed with stopper and galvanised; complete including Class D 400 Gully Grating and frame bedded in mortar; set in position; to include class A engineering brickwork to IS 91 and to CC-SPW-02400 or in-situ concrete riser; all as per Engineer's drawing no.23009-DR-0501				
	<u>Gully</u>				
B	Concrete gully	8	nr		
	Filter Drain; construct filter strip beside building; 20mm clean uniformly graded filter material 400mm wide x 500mm deep; filter material wrapped in geotextile; 150mm either side of 100mm surface water drain, pipe bedded in minimum 200mm 20mm clean uniformly graded filter material; 100mm diameter surface water drain (measured elsewhere); all as per Engineering drawing no.23009-DR-0503 detail SW8 and specification.				
	<u>Sundries</u>				
C	Drainage channel as described; 100mm nominal diameter	186	m		

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(50) SITE SERVICES (MAINLY PIPED AND DUCTED)</u>					
<u>(Continued)</u>					
Precast concrete rings to IS 420 and IS EN 1917:2004; 1,200mm x 1,200mm internal dimensions; Excavation; grading bottoms; earth work support; disposing of surplus excavated material off site; 75mm grade C12/15 blinding concrete; reinforced concrete base grade C30/37; invert formed with cast in-situ concrete C25/30 finished with 1:3 cement sand mortar at 1:30 slope towards channel; 150mm grade C20/25 in-situ concrete surround; bottom precast section built into base concrete minimum 75mm; elastomeric joint seal to EN 681; 1 to 3 courses class B solid engineering brick in M30 mortar to achieve cover level; galvanised mild steel & plastic encapsulated manhole steps to IS EN 13101 Type D Class 1; ladders to IS EN 14396 for depths exceeding 3.0m; 900mm minimum clear access behind ladder; 1200mm shaft diameter; rocker pipe with flexible joint maximum 600mm from manhole; cover and frame (measured separately); OPE 600x600mm; cover set in cementitious epoxy resin/polyester mortar 30kN/mm ² ; 200mm wide 100mm deep concrete plinth around cover in green areas; including all excavations, earthwork support, formwork, openings for pipes and disposal of surplus material off site; all as shown on Engineer's drawing no.23009-C-DR-0510 Wastewater Drainage and in accordance with STD-WW-10					
<u>Manholes</u>					
1200 x 1200 mm internal dimensions					
A	500 - 1,000mm deep.	3	nr		
B	1,000 - 1,500mm deep.	1	nr		
C	1,500 - 2,000mm deep.	2	nr		
D	2,000 - 2,500mm deep.	4	nr		
Ref: 2793		PD 70/13		To Collection €:	

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(50) SITE SERVICES (MAINLY PIPED AND DUCTED)</u>					
<u>(Continued)</u>					
Precast concrete inspection chamber; 150mm in-situ concrete base grade C25/30; minimum internal dimensions 600mm diameter or 600mm x 600mm; precast units with watertight interlocking joints; pipes built into chamber wall with watertight seals; benching surrounded by minimum 150mm compacted material to STD-WW-07; 1 to 3 courses class B engineering bricks in M30 mortar; sealed cover and frame to IS EN 124; cover set in cementitious epoxy resin/polyester mortar 30kN/mm ² ; 200mm wide x 100mm deep concrete plinth around cover in green areas; including all excavations, earthwork support, formwork, openings for pipes and disposal of surplus material off site; all as shown on Engineer's drawing and in accordance with STD-WW-13					
<u>Inspection chambers</u>					
A	Inspection chambers 600mm diameter; "1,500 - 2,000mm deep.	1	nr		
B	Inspection chambers 600mm diameter; "2,000 - 2,500mm deep.	1	nr		
benching; Benching concrete grade C25/30 finished with a 1:3 cement sand mortar ;minimum width of benching for landing area to be 500mm.					
<u>Sundries on manholes</u>					
C	benching	12	nr		
Covers: Ductile cast iron manhole cover and frame to IS EN 124:1994 and BS 7903 ; cover & frame coated in bitumen or other approved material; bedding frame in cement and sand mortar (1:2); on Class B engineering bricks to IS 91 (min. 1 course, max. 3 courses high) to series 2400 of RCD; laid in cement and sand mortar (1:3) in upstand for manhole cover; bedding frame in cementitious epoxy resin / polyester mortar 30N/mm²; sealing cover with grease; as per STD-WW-10					
<u>Sundries on manholes</u>					

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(50) SITE SERVICES (MAINLY PIPED AND DUCTED)</u> <u>(Continued)</u>					
A	600mm diameter Drainage channel and cover: heavy duty D400; 150mm wide galvanized ACO Drain as shown; bedded in 332mm x 300mm in-situ concrete (min. 100mm concrete surround); Concrete Mix C28/35; setting & pointing in sand cement mortar; including excavation, disposal of surplus excavated material, formwork, etc.; all as per Engineering drawing no.23009-C-DR-0501 detail. <u>Sundries</u>	12	nr		
B	Drainage channel as described; 150mm wide x 1,000mm long; including 2nr end caps and 1nr uPVC pipe connector outlet	2	nr		
C	Drainage channel as described; 150mm wide x 1,120mm long; including 2nr end caps and 1nr uPVC pipe connector outlet	9	nr		
D	Drainage channel as described; 150mm wide x 1,400mm long; including 2nr end caps and 1nr uPVC pipe connector outlet	2	nr		
E	Drainage channel as described; 150mm wide x 1,635mm long; including 2nr end caps and 1nr uPVC pipe connector outlet	1	nr		
F	Drainage channel as described; 150mm wide x 1,800mm long; including 2nr end caps and 1nr uPVC pipe connector outlet	2	nr		
G	Drainage channel as described; 150mm wide x 2,000mm long; including 2nr end caps and 1nr uPVC pipe connector outlet	3	nr		
H	Drainage channel as described; 150mm wide x 2,305mm long; including 2nr end caps and 1nr uPVC pipe connector outlet	1	nr		
J	Drainage channel as described; 150mm wide x 2,325mm long; including 2nr end caps and 1nr uPVC pipe connector outlet	1	nr		
Ref: 2793		PD 70/15		To Collection €:	

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(50) SITE SERVICES (MAINLY PIPED AND DUCTED)</u> <u>(Continued)</u>					
A	Drainage channel as described; 150mm wide x 2,775mm long; including 2nr end caps and 1nr uPVC pipe connector outlet	1	nr		
B	Drainage channel as described; 150mm wide x 3,800mm long; including 2nr end caps and 1nr uPVC pipe connector outlet	3	nr		
44 numbers of SC-800 Stormtech hydrochambers or equal approved; base level: 55.941m OD; Stone surround: Top- 300mm; sides-150mm; base-300mm ;Flow control: Hydrobrake: 5.00 lit/sec discharge @ 1.0m design head; Max storage 114.617m³; Tanks to have interconnecting high and low pipework; Connections to drainage inlet and outlets; Spigot & Socket joints between tanks and sealed with bituminous filler to provide watertight system; Excavation; grading bottoms; earth work support; disposing of surplus excavated material off site; concrete surrounds and supports; backfilling with lightly compacted course graded aggregate; all in strict accordance with manufacturers instructions and as per shown on Engineer's drawing no.23009-DR-0501					
<u>Storage Tank Area 01</u>					
C	Overall tank storage volume 114.617m ³	1	nr		
Connect existing pipework into proposed manhole; careful excavation to expose location connection including breaking out road surface; cut opening in new manhole, connect pipework ensuring fully sealed connection, make good to new manhole; backfill and make good in accordance with Local Authority technical specifications; including all associated excavation, disposal, filling and making good; as per shown in Engineers drawings and specifications					
<u>Connecting to existing SW manhole</u>					
D	connection new manhole on existing surface water line	1	Item		

**Brennan
Associates**

Description	Qty	Unit	Rate	Total
			€	€
<u>(50) SITE SERVICES (MAINLY PIPED AND DUCTED)</u> <u>(Continued)</u> Surface water drainage system in accordance with Irish Water Code of Practice which includes; Air test on all pipelines to IS EN 752. Each section of pipeline to be tested on two occasions namely after installation but before backfilling AND after backfilling. All manholes to be tested for exfiltration to IS EN 1610 PRIOR to backfilling. All manholes to be tested for infiltration to CESWI AFTER backfilling. All As built information required by IW including as build layouts and details, CCTV survey footage and reporting, manhole condition surveys. Refer to CoP for full details of requirements. <u>Testing and Commissioning</u> testing of rainwater harvesting pipelines, manholes and inspection chambers; all as per Engineers specification CCTV survey of rainwater harvesting pipelines and manholes; all as per Engineers specification As Constructed Drawings <u>Construction drawings</u> on completion of the surface water drainage system "As Constructed Drawings" are to be prepared; 2no. copies are to be presented to the Engineer WATERMAIN All watermain works shall be carried out in accordance with Irish Water Standard Details and the Code of Practice for Water Infrastructure, Doc. Ref. IW-CDS-5020-03 All pipe materials shall be in compliance with Section 3.9 of Irish Water Infrastructure Standard Details, Doc. Ref. IW-CDS-5020-01 <u>DISPOSAL BELOW GROUND</u>				
	1	Item		
	1	Item		
	1	Item		
		note		
		note		

Ref: 2793

PD 70/17

To Collection €:

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(50) SITE SERVICES (MAINLY PIPED AND DUCTED)</u>					
<u>(Continued)</u>					
Excavating trenches to receive pipes; not exceeding 250mm nominal diameter; excavation in unstable ground, earthwork support, grading bottoms; disposing of surplus excavated material off site; clause 804 backfill material above pipe bed and surround to formation level with hardcore as specified in 150 mm compacted layers; all as per Engineer's drawing no.23009-C-DR-0510					
Potable Water Supply - General Layout					
<u>Excavating trenches</u>					
A	pipes < 250 mm nominal diameter	150	m		
	average depth; 0.50m - 1.00m				
Extra for Non degradable marker tape; installed at the top of pipe bedding layer doe sewer and rising mains. it should run continuously around manholes ;as per Volume A C&S Works Requirements clause 8.43					
B	<u>Extra over excavating trenches irrespective of depth for</u>	150	m		
	pipes < 250 mm nominal diameter				
Disposal					
C	<u>ground water</u>	1	Item		
	generally				
D	<u>surface water</u>	1	Item		
	generally				
Piipe bedding shall comply with WIS 4-08-02 and IGN 4-08-01 granular material shall be 14mm TO 5mm (d/D 2/14) graded aggregate or 10mm (dD4/10) single sized aggregate to IS EN 13242; pipes to have a minimum cover level of 300mm and a minimum bedding depth of 150mm; all as per Engineer's specification					
CC-SPW-00500					
<u>Beds and Surrounds</u>					
E	375mm wide x 500mm thick; '32mm diameter pipe	40	m		

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(50) SITE SERVICES (MAINLY PIPED AND DUCTED)</u> <u>(Continued)</u>					
A	500mm wide x 560mm thick; 110mm diameter pipe HDPE Watermain and ancillaries; Pipes and fittings for watermain shall be polyethylene (PE) and shall be PE100 with an SDR17 rating; all as per the Irish water standard details and as per Engineer's drawing no.23009-C-DR-0510 Potable Water Supply & 23009-C-SPEC Civil Engineering Specification <u>Pipes</u> In trenches	112	m		
B	32mm pipework; laid in position	40	m		
C	110mm pipework; laid in position Extra over pipes on which they occur for	112	m		
D	short radius bends, double socket, 110mm diameter	3	nr		
E	Long radius bend; double socket 32mm dia	6	nr		
F	longt radius bends, double socket, 110mm diameter branches;	6	nr		
G	T junctions; 110 x 110 x 32mm outlet	4	nr		
H	T junctions; 110 x 110 x 110mm outlet Fittings; Bulk water meters; Water Meter and Chamber; excavation; grading bottoms; disposing of surplus excavated material off site; 50mm thick lean mix concrete blinding to base; reinforced concrete base; precast concrete chamber, cast iron cover and frame complete including approved water meter to meet all as per section 3.15.4 of Irish Water Code of Practice (IW-CDS-5020-03) <u>Pipe accessories</u>	1	nr		
J	Bulk Water Meter	1	nr		

Pricing Document

Description	Qty	Unit	Rate	Total
			€	€
<u>(50) SITE SERVICES (MAINLY PIPED AND DUCTED)</u> <u>(Continued)</u> Online fire hydrant; excavation; grading bottoms; disposing of surplus excavated material off site; 100mm concrete base; precast concrete chamber complete including approved (Type 2) clockwise closing water meter to meet with Irish Water Specifications; 150mm high concrete roof slab to C30/37; Class 'B' engineering brick laid on flat to form upstand as required and set in C50/60 mortar; complete with heavy duty metal cover and frame to IS EN 261 or BS 5834 set in C50/60 mortar; chambers to be surrounded in 150mm compacted clause 808; complete including anti corrosion tape around buried flanges; they shall comply with IS EN 14339, IS EN 1074 part 6 and BS 750: 2012. the hydrant shall incorporate a screw down gate valve, underground "guide to head" type with a false spindle cap including 80mm diameter double flanged DN80 90 degree bend, riser pipe of suitable length to suit site condition ;all as per Engineer's drawing no.23009-C-DR-0510 Potable Water Supply layout and Water infrastructure standard details section STD-W-19 <u>Online fire hydrant Chambers; approx internal dims; 600 x 600mm</u> 0.50 - 1.00 m deep	2	nr		

Ref: 2793

PD 70/20

To Collection €:

Pricing Document

Description	Qty	Unit	Rate	Total
			€	€
<u>(50) SITE SERVICES (MAINLY PIPED AND DUCTED)</u> <u>(Continued)</u> Sluice Valves and chamber; excavation; grading bottoms; disposing of surplus excavated material off site;100mm concrete base; precast concrete chamber; 150mm high concrete roof slab to C30/37; Class 'B' engineering brick laid on flat to form upstand as required and set in C50/60 mortar; complete with heavy duty metal cover and frame to IS EN 261 or BS 5834 sluice valve shall be resilient seated and shall comply with BS 5163-1, BS 5163-2, IS EN 1074-1, IS EN 1074-2, or equivalent E.U.Specifications; all sluice valves shall be anti-clockwise closing and ductile iron pipes and fittings to be in accordance with IS EN 545, PE pipes and fittings to be in accordance with IS EN 12201:2011; all as per Engineer's drawing no.23009-C-DR-0510 Potable Water Supply layout and Water infrastructure standard details section STD-W-15 <u>Sluice Valve Chambers; approx internal dims; 450 x 450mm</u> 0.50 - 1.00 m deep Scour Valves and chamber; excavation; grading bottoms; disposing of surplus excavated material off site;100mm concrete base; precast concrete chamber; 150mm high concrete roof slab to C30/37; Class 'B' engineering brick laid on flat to form upstand as required and set in C50/60 mortar; complete with heavy duty metal cover and frame to IS EN 261 or BS 5834 sluice valve shall be resilient seated and shall comply with BS 5163-1, BS 5163-2, IS EN 1074-1, IS EN 1074-2, or equivalent E.U.Specifications; all scour valves shall be anti-clockwise closing and ductile iron pipes and fittings to be in accordance with IS EN 545, PE pipes and fittings to be in accordance with IS EN 12201:2011; all as per Engineer's drawing no.23009-C-DR-0510 Potable Water Supply layout and Water infrastructure standard details section STD-W-15 <u>Scour valve chamber; approx internal dims; 600 x 600mm</u>	3	nr		

Ref: 2793

PD 70/21

To Collection €:

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
A	<u>(50) SITE SERVICES (MAINLY PIPED AND DUCTED)</u> <u>(Continued)</u> 0.50 - 1.00 m deep Boundary box ; excavation in all classes of soil and disposal of surplus material; installation of 25mm OD polyethylene (PE) service pipe from water main to boundary box including bedding, fittings, electrofusion joints and transition couplers; boundary box unit with meter, stop valve, frame and cover placed on in-situ concrete surround grade C16/20 minimum 150mm thick; chamber constructed to manufacturer's specification with heavy duty cover and frame to IS EN 124 Class B125 minimum 150mm × 150mm clear opening bedded in cement mortar 1:3; connection to existing PE water main using approved electrofusion saddle, tapping band or equivalent approved fitting; backfilling and compacting in layers with suitable selected excavated material or imported granular fill; reinstatement of disturbed surfaces to original condition; testing, flushing, disinfection and commissioning of completed installation; all as per Irish Water Standard Details STD-W-03 and Engineer's drawing no.23009-C-DR-0510 Potable Water Supply layout <u>Pipe accessories</u>	1	nr		
	B Boundary Box Indicator/ marker plates; precast concrete post in accordance with IS EN 206; including grade C20/25 concrete surround; marker plates to be manufactured in accordance with BS 3251; base as required; including all fixings as necessary; all in accordance with the Irish Water Standard Details STD-W-27 and as per details on Engineer's drawing no.23009-C-DR-0510 Potable Water Supply layout and Water infrastructure standard details section STD-W-30	4	nr		
Ref: 2793		PD 70/22		To Collection €:	

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(50) SITE SERVICES (MAINLY PIPED AND DUCTED)</u> <u>(Continued)</u>					
<u>Pipe Accessories - Precast concrete marker posts, indented, marker plates to BS3251 or equivalent with "SV, BM, AV, ScV, "WO" or "H", main diameter and distance; set in concrete path.</u>					
A	600mm above ground	7	nr		
Thrust blocks;In-situ concrete grade C20/25 to IS EN 206 ;polyethylene pipes shall be wrapped in plastic sheeting having a composition in accordance with BS 6076 before being cast into concrete ; all in accordance with STD-W-28 and drawing no.23009-C-DR-0510 Potable Water Supply layout <u>thrust blocks;</u>					
B	generally	3	nr		
Watermains in accordance with Irish Water Code of Practice which includes swabbing, disinfecting, flushing and chlorinating; the need for certified operatives, short term burst test and joint toughness test (prior to pipe laying) both undertaken by accredited laboratory, electrofusion welds are to be cut out from completed Works and subjected to destructive testing as indicated by IW. Allow for 2 electrofusion samples to be cut out per week or 8 in total whichever is greater, for testing by accredited laboratory. The frequency of destructive testing shall increase if failure as defined by IW of a sample occurs. All necessary as build information required by IW including as build drawings and GPS information on all fittings/joints. All as per Engineers specification and IW CoP. <u>Testing and Commissioning</u>					
C	generally	1	Item		
As Constructed Drawings <u>Construction drawings</u>					
Ref: 2793		PD 70/23		To Collection €:	

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
A	<u>(50) SITE SERVICES (MAINLY PIPED AND DUCTED)</u> <u>(Continued)</u> on completion of the surface water drainage system "As Constructed Drawings" are to be prepared; 2no. copies are to be presented to the Engineer <u>WORKS OUTSIDE THE SITE BOUNDARY</u> FOUL WATER DRAINAGE All wastewater works shall be carried out in accordance with Irish Water Standard Details and Code of Practice for Water Infrastructure Document IW-CDS-5030-01 DISPOSAL BELOW GROUND Excavating trenches to receive pipes; not exceeding 250mm nominal diameter; starting from reduced levels earthwork support, grading bottoms; disposing of surplus excavated material off site; backfill above pipe bed and surround to formation level with concrete mix ST4; all as per drawing no.23009-C-DR-0510 Wastewater Drainage and 23009-C-SPEC Civil Engineering Specification <u>Excavating trenches</u> pipes < 250 mm nominal diameter (Main lines)	1	Item		
			note		
B	average depth; 2.50m - 3.00m	14	m		
	<u>Extra over</u>				
C	breaking up existitng tarmacadam roadway; including sawcutting	3	m		
D	reinstatement of existing tarmacadam roadway	3	m		
	Extra for Non degradable marker tape; installed at the top of pipe bedding layer doe sewer and rising mains. it should run continuously around manholes; as per Engineers Drawings & Specifications <u>Extra over excavating trenches irrespective of depth for</u>				
E	pipes < 250 mm nominal diameter (Main lines)	14	m		
	Disposal				
Ref: 2793 PD 70/24 To Collection €:					

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(50) SITE SERVICES (MAINLY PIPED AND DUCTED)</u> <u>(Continued)</u>					
<u>ground water</u>					
A	generally	1	Item		
<u>surface water</u>					
B	generally	1	Item		
Granular bed and surround; with granular material in accordance with CC-SPW-00500 Clause 3.2(i) shall be placed and compacted as pipe surround over the full width of the trench in layers not exceeding 200mm before compaction to a minimum finished thickness of 300mm above the crown of the pipes.; as per drawing no.23009-C-DR-0503 Surface Water Drainage - Construction Details (Sheet 1 of 2)					
<u>Beds and Surrounds</u>					
C	750mm wide x 725mm thick (200mm bedding depth) to 225mm diameter pipes	14	m		
Unplasticised Polyvinyl Chloride uPVC pipes for wastewater gravity sewer; application area code "UD"; stiffness class 8kN/m²; material: PVC-U smooth internal and external with either a foamed or recycled PVC-U core; socket: integral socket at one end, fitted with rubber sealing manufactured to IS EN 681-1; plain end: chamfered; quality: manufactured in accordance with Quality Management System IS EN ISO 9001:2008 and Environmental Quality System IS EN ISO 14001:2004; as per drawing no.23009-C-DR-0510 wastewater drainage layout					
<u>Pipes</u>					
In trenches					
225mm pipework					
D	laid in position	14	m		
<u>extra over pipes on which they occur for</u>					
Ref: 2793		PD 70/25		To Collection €:	

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(50) SITE SERVICES (MAINLY PIPED AND DUCTED)</u>					
<u>(Continued)</u>					
	swept bends; double socketed				
A	long radius bends, 225mm diameter;	2	nr		
	rocker pipe;				
B	225mm diameter; 600mm long	2	nr		
Precast concrete rings to IS 420 and IS EN 1917:2004; 1,500mm x 1,500mm internal dimensions; Excavation; grading bottoms; earth work support; disposing of surplus excavated material off site; 75mm grade C12/15 blinding concrete; reinforced concrete base grade C30/37; invert formed with cast in-situ concrete C25/30 finished with 1:3 cement sand mortar at 1:30 slope towards channel; 150mm grade C20/25 in-situ concrete surround; bottom precast section built into base concrete minimum 75mm; elastomeric joint seal to EN 681; 1 to 3 courses class B solid engineering brick in M30 mortar to achieve cover level; galvanised mild steel & plastic encapsulated manhole steps to IS EN 13101 Type D Class 1; ladders to IS EN 14396 for depths exceeding 3.0m; 900mm minimum clear access behind ladder; 1200mm shaft diameter; rocker pipe with flexible joint maximum 600mm from manhole; cover and frame (measured separately); OPE 600x600mm; cover set in cementitious epoxy resin/polyester mortar 30kN/mm²; 200mm wide 100mm deep concrete plinth around cover in green areas; including all excavations, earthwork support, formwork, openings for pipes and disposal of surplus material off site; all as shown on Engineer's drawing no.23009-C-DR-0510 Wastewater Drainage and in accordance with STD-WW-10					
<u>Manholes</u>					
C	3000 - 3500mm deep	1	nr		
benching; Benching concrete grade C25/30 finished with a 1:3 cement sand mortar ;minimum width of benching for landing area to be 500mm.					
Ref: 2793		PD 70/26		To Collection €:	

Description	Qty	Unit	Rate	Total
			€	€
<u>(50) SITE SERVICES (MAINLY PIPED AND DUCTED)</u> <u>(Continued)</u> <u>Sundries on manholes</u> benching Covers: Ductile cast iron manhole cover and frame to IS EN 124:1994 and BS 7903 ; cover & frame coated in bitumen or other approved material; bedding frame in cement and sand mortar (1:2); on Class B engineering bricks to IS 91 (min. 1 course, max. 3 courses high) to series 2400 of RCD; laid in cement and sand mortar (1:3) in upstand for manhole cover; bedding frame in cementitious epoxy resin / polyester mortar 30N/mm2; sealing cover with grease; as per STD-WW-10 <u>Sundries on manholes</u> 600mm x 600mm; heavy duty, class D400; single seal type Work to existing manhole; breaking into existing chamber for new pipe connection including excavation, forming openings, making good benching and rendering; reconstruction of existing manhole from base to cover where required including brickwork or concrete works, rendering, benching and cover replacement; forming pipe connections using Y or T junctions, saddles or oblique cuts as approved; closing off redundant connections with stoppers or discs; recording all junction positions by measurement and notifying Employer's Representative prior to backfilling; all in accordance with drawings and specification <u>Work to existing manhole</u> generally	1	nr		
	1	nr		
	1	nr		

Ref: 2793

PD 70/27

To Collection €:

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(50) SITE SERVICES (MAINLY PIPED AND DUCTED)</u> <u>(Continued)</u>					
Connect 225mm diameter pipework into existing IW foul sewer; careful excavation to expose location connection including breaking out road surface; cut opening in existing manhole, connect pipework ensuring fully sealed connection, make good to existing manhole; backfill and make good in accordance with Local Authority technical specifications; including all associated excavation, disposal, filling and making good <u>Connection to existing IW foul sewer</u>					
A	mains, public ;connection new manhole to existing IW foul sewer Foul water drainage system in accordance with Irish Water Code of Practice which includes; Air test on all pipelines to IS EN 752. Each section of pipeline to be tested on two occasions namely after installation but before backfilling AND after backfilling. All manholes to be tested for exfiltration to IS EN 1610 PRIOR to backfilling. All manholes to be tested for infiltration to CESWI AFTER backfilling. All As built information required by IW including as build layouts and details, CCTV survey footage and reporting, manhole condition surveys. Refer to CoP for full details of requirements. <u>Testing and Commissioning</u>	1	Item		
B	testing of foul water pipelines, manholes and inspection chambers; all as per Engineers specification	1	Item		
C	CCTV survey of foul water pipelines and manholes; all as per Engineers specification	1	Item		
Allow for traffic management for works to be carried out in public roadways & footpath; including all associated protective works, watching, lighting and signage <u>Traffic Management</u>					
D	generally	1	Item		
Ref: 2793		PD 70/28		To Collection €:	

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
A	<u>(50) SITE SERVICES (MAINLY PIPED AND DUCTED)</u> <u>(Continued)</u> Allow for all costs of road opening license for works within the public road <u>Road Opening License</u> generally	1	Item		
	SURFACE WATER DRAINAGE The Specification for surface water drainage works shall be Specification for Road Works - Drainage and Service Ducts CC-SPW-00500		note		
	DISPOSAL BELOW GROUND Excavating trenches to receive pipes; not exceeding 250mm nominal diameter; starting from reduced levels earthwork support, grading bottoms; disposing of surplus excavated material off site; backfill above pipe bed and surround to formation level with Class 6F2 granular material; all as per drawing 023009-DR-0501 and 23009-C-SPEC Civil Engineering Specification <u>Excavating trenches</u> pipes < 250 mm nominal diameter (Main lines)				
	B average depth; 1.50m - 2.00m	4	m		
C	average depth; 2.00m - 2.50m	20	m		
	<u>Extra over</u>				
D	breaking up existing tarmac road; including sawcutting	3	m		
E	reinstatement of existing tarmac road	3	m		
	Extra for Non degradable marker tape; installed at the top of pipe bedding layer for sewer and rising mains. it should run continuously around manholes; as per Engineers Drawings & Specifications				
	<u>Extra over excavating trenches irrespective of depth for</u>				
F	pipes < 250 mm nominal diameter (Main lines)	29	m		
Ref: 2793 PD 70/29 To Collection €:					

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(50) SITE SERVICES (MAINLY PIPED AND DUCTED)</u>					
<u>(Continued)</u>					
Excavating trenches to receive pipes; pipe pipe >250 <450 nominal diameter; starting from existing or reduced levels earthwork support, grading bottoms; disposing of surplus excavated material off site; backfill above pipe bed and surround to formation level with concrete mix ST4 to underside of reinstatement; all as per drawing 023009-DR-0501 and 23009-C-SPEC Civil Engineering Specification					
<u>Excavating trenches</u>					
A	pipe >250 < 450 nominal diameter (Main lines)	10	m		
	average depth; 1.50m - 2.00m				
Extra for Non degradable marker tape; installed at the top of pipe bedding layer doe sewer and rising mains. it should run continuously around manholes; as per Volume A C&S Works Requirements clause 8.43					
<u>Extra over excavating trenches irrespective of depth for</u>					
B	pipe >250 < 450 nominal diameter (Main lines)	10	m		
Disposal					
<u>ground water</u>					
C	generally	1	Item		
<u>surface water</u>					
D	generally	1	Item		
Granular bed and surround; with granular material in accordance with CC-SPW-00500 Clause 3.2(i) shall be placed and compacted as pipe surround over the full width of the trench in layers not exceeding 200mm before compaction to a minimum finished thickness of 150mm above the crown of the pipes; as per drawing no.23009-DR-0503 construction details sheet 1					
<u>Beds and Surrounds</u>					
Ref: 2793		PD 70/30		To Collection €:	

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(50) SITE SERVICES (MAINLY PIPED AND DUCTED)</u>					
<u>(Continued)</u>					
A	600mm wide x 575mm thick (200mm bedding depth) to 225mm diameter pipes	14	m		
B	750mm wide x 650mm thick (200mm bedding depth) to 300mm diameter pipes	10	m		
Unplasticised Polyvinyl Chloride (uPVC) pipes in accordance with IS EN 1401; shall have ultimate pipe stiffness (STES) in excess of 1,400 N/m² when tested in accordance with BS 4962; resistance to impact shall comply with BS 4962; as per drawing 23009-C-DR-501 to 23009-C-DR-504 and in accordance with CC-SPW-00500 specification clause 1.3					
<u>Pipes</u>					
in trenches					
C	225mm pipework laid in position	14	m		
D	300mm pipework laid in position	10	m		
<u>Pipe Accessories</u>					
branches; triple socketed					
swept bends; double socketed					
E	bends 225mm x 45/90 degrees	10	nr		
F	bends 300mm x 45/90 degrees	4	nr		
Ref: 2793		PD 70/31		To Collection €:	

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
A	<u>(50) SITE SERVICES (MAINLY PIPED AND DUCTED)</u> <u>(Continued)</u> Precast concrete rings to IS 420 and IS EN 1917:2004; 1,200mm x 1,200mm internal dimensions; Excavation; grading bottoms; earth work support; disposing of surplus excavated material off site; 75mm grade C12/15 blinding concrete; reinforced concrete base grade C30/37; invert formed with cast in-situ concrete C25/30 finished with 1:3 cement sand mortar at 1:30 slope towards channel; 150mm grade C20/25 in-situ concrete surround; bottom precast section built into base concrete minimum 75mm; elastomeric joint seal to EN 681; 1 to 3 courses class B solid engineering brick in M30 mortar to achieve cover level; galvanised mild steel & plastic encapsulated manhole steps to IS EN 13101 Type D Class 1; ladders to IS EN 14396 for depths exceeding 3.0m; 900mm minimum clear access behind ladder; 1200mm shaft diameter; rocker pipe with flexible joint maximum 600mm from manhole; cover and frame (measured separately); OPE 600x600mm; cover set in cementitious epoxy resin/polyester mortar 30kN/mm ² ; 200mm wide 100mm deep concrete plinth around cover in green areas; including all excavations, earthwork support, formwork, openings for pipes and disposal of surplus material off site; all as shown on Engineer's drawing no.23009-C-DR-0510 Wastewater Drainage and in accordance with STD-WW-10 <u>Manholes</u> 1200 x 1200 mm internal dimensions 2,000 - 2,500mm deep. benching; Benching concrete grade C25/30 finished with a 1:3 cement sand mortar ;minimum width of benching for landing area to be 500mm.				
		2	nr		
	<u>Sundries on manholes</u> benching	2	nr		
Ref: 2793		PD 70/32		To Collection €:	

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(50) SITE SERVICES (MAINLY PIPED AND DUCTED)</u> <u>(Continued)</u>					
Covers: Ductile cast iron manhole cover and frame to IS EN 124:1994 and BS 7903 ; cover & frame coated in bitumen or other approved material; bedding frame in cement and sand mortar (1:2); on Class B engineering bricks to IS 91 (min. 1 course, max. 3 courses high) to series 2400 of RCD; laid in cement and sand mortar (1:3) in upstand for manhole cover; bedding frame in cementitious epoxy resin / polyester mortar 30N/mm2; sealing cover with grease; as per STD-WW-10					
<u>Sundries on manholes</u>					
A	600mm diameter	2	nr		
Work to existing manhole; breaking into existing chamber for new pipe connection including excavation, forming openings, making good benching and rendering; reconstruction of existing manhole from base to cover where required including brickwork or concrete works, rendering, benching and cover replacement; forming pipe connections using Y or T junctions, saddles or oblique cuts as approved; closing off redundant connections with stoppers or discs; recording all junction positions by measurement and notifying Employer's Representative prior to backfilling; all in accordance with drawings and specification					
<u>Work to existing manhole</u>					
B	generally	1	nr		

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(50) SITE SERVICES (MAINLY PIPED AND DUCTED)</u> <u>(Continued)</u> Bypass petrol interceptor; class 1 bypass separator NSBP003 by Kingspan or equal approved; Excavating; starting from finished ground level; grading bottoms; earth work support; disposing of surplus excavated material off site; set into 200mm grade C20 concrete surround; on 200mm thick reinforced concrete base with one layer A393 mesh (grade C30); concrete slab to extend minimum 1000mm beyond plan dimensions of tank; 250mm UGM A material blinding below base; separator membrane minimum 500mm; cover and frame Class D400 (IS/EN 124) set into 175mm thick grade C35 concrete slab reinforced with one layer A393 mesh top and bottom bedded with proprietary bitumen or resin mastic sealant or an elastomeric ring; T20 U-bars at 200mm centres; all as per Engineer's drawing no.23009-DR-0503 Detail SW5 and specification. <u>Bypass Interceptor</u>					
A	bypass Interceptor NSBP003 by Kingspan	1	nr		
Connect existing pipework into proposed manhole; careful excavation to expose location connection including breaking out road surface; cut opening in new manhole, connect pipework ensuring fully sealed connection, make good to new manhole; backfill and make good in accordance with Local Authority technical specifications; including all associated excavation, disposal, filling and making good; as per shown in Engineers drawings and specifications <u>Connecting to existing SW manhole</u>					
B	connection new manhole on existing surface water line	1	Item		
Ref: 2793		PD 70/34		To Collection €:	

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(50) SITE SERVICES (MAINLY PIPED AND DUCTED)</u>					
<u>(Continued)</u>					
Surface water drainage system in accordance with Irish Water Code of Practice which includes; Air test on all pipelines to IS EN 752. Each section of pipeline to be tested on two occasions namely after installation but before backfilling AND after backfilling. All manholes to be tested for exfiltration to IS EN 1610 PRIOR to backfilling. All manholes to be tested for infiltration to CESWI AFTER backfilling. All As built information required by IW including as build layouts and details, CCTV survey footage and reporting, manhole condition surveys. Refer to CoP for full details of requirements.					
<u>Testing and Commissioning</u>					
A	testing of surface water pipelines, manholes and inspection chambers; all as per Engineers specification	1	Item		
B	CCTV survey of rainwater harvesting pipelines and manholes; all as per Engineers specification	1	Item		
Allow for traffic management for works to be carried out in public roadways & footpath; including all associated protective works, watching, lighting and signage					
<u>Traffic Management</u>					
C	generally	1	Item		
Allow for all costs of road opening license for works within the public road					
<u>Road Opening License</u>					
D	generally	1	Item		
WATERMAIN					
All watermain works shall be carried out in accordance with Irish Water Standard Details and the Code of Practice for Water Infrastructure, Doc. Ref. IW-CDS-5020-03			note		
All pipe materials shall be in compliance with Section 3.9 of Irish Water Infrastructure Standard Details, Doc. Ref. IW-CDS-5020-01			note		

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(50) SITE SERVICES (MAINLY PIPED AND DUCTED)</u>					
<u>(Continued)</u>					
<u>DISPOSAL BELOW GROUND</u>					
Excavating trenches to receive pipes; not exceeding 250mm nominal diameter; excavation in unstable ground, earthwork support, grading bottoms; disposing of surplus excavated material off site; clause 804 backfill material above pipe bed and surround to formation level with hardcore as specified in 150 mm compacted layers; all as per Engineer's drawing no.23009-C-DR-0510					
Potable Water Supply - General Layout					
<u>Excavating trenches</u>					
A	pipes < 250 mm nominal diameter	2	m		
	average depth; 0.50m - 1.00m				
Extra for Non degradable marker tape; installed at the top of pipe bedding layer doe sewer and rising mains. it should run continuously around manholes ;as per Volume A C&S Works Requirements clause 8.43					
B	<u>Extra over excavating trenches irrespective of depth for</u>	2	m		
	pipes < 250 mm nominal diameter				
Disposal					
C	<u>ground water</u>	1	Item		
	generally				
D	<u>surface water</u>	1	Item		
	generally				
Piipe bedding shall comply with WIS 4-08-02 and IGN 4-08-01 granular material shall be 14mm TO 5mm (d/D 2/14) graded aggregate or 10mm (dD4/10) single sized aggregate to IS EN 13242; pipes to have a minimum cover level of 300mm and a minimum bedding depth of 150mm; all as per Engineer's specification					
CC-SPW-00500					
<u>Beds and Surrounds</u>					
Ref: 2793		PD 70/36		To Collection €:	

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(50) SITE SERVICES (MAINLY PIPED AND DUCTED)</u> <u>(Continued)</u>					
A	500mm wide x 560mm thick; 110mm diameter pipe HDPE Watermain and ancillaries; Pipes and fittings for watermain shall be polyethylene (PE) and shall be PE100 with an SDR17 rating; all as per the Irish water standard details and as per Engineer's drawing no.23009-C-DR-0510 Potable Water Supply & 23009-C-SPEC Civil Engineering Specification <u>Pipes</u> In trenches	2	m		
B	110mm pipework; laid in position branches;	2	m		
C	T junctions; 110 x 110 x 110mm outlet Sluice Valves and chamber; excavation; grading bottoms; disposing of surplus excavated material off site;100mm concrete base; precast concrete chamber; 150mm high concrete roof slab to C30/37; Class 'B' engineering brick laid on flat to form upstand as required and set in C50/60 mortar; complete with heavy duty metal cover and frame to IS EN 261 or BS 5834 sluice valve shall be resilient seated and shall comply with BS 5163-1, BS 5163-2, IS EN 1074-1, IS EN 1074-2, or equivalent E.U.Specifications; all sluice valves shall be anti-clockwise closing and ductile iron pipes and fittings to be in accordance with IS EN 545, PE pipes and fittings to be in accordance with IS EN 12201:2011; all as per Engineer's drawing no.23009-C-DR-0510 Potable Water Supply layout and Water infrastructure standard details section STD-W-15 <u>Sluice Valve Chambers; approx internal dims; 450 x 450mm</u>	1	nr		
D	0.50 - 1.00 m deep	2	nr		

Description	Qty	Unit	Rate	Total
			€	€
<u>(50) SITE SERVICES (MAINLY PIPED AND DUCTED)</u> <u>(Continued)</u> Indicator/ marker plates; precast concrete post in accordance with IS EN 206; including grade C20/25 concrete surround; marker plates to be manufactured in accordance with BS 3251; base as required; including all fixings as necessary; all in accordance with the Irish Water Standard Details STD-W-27 and as per details on Engineer's drawing no.23009-C-DR-0510 Potable Water Supply layout and Water infrastructure standard details section STD-W-30 <u>Pipe Accessories - Precast concrete marker posts, indented, marker plates to BS3251 or equivalent with "SV, BM, AV, ScV, "WO" or "H", main diameter and distance; set in concrete path.</u> 600mm above ground locate and excavate down to existing watermain; forming all connections to existing live watermain; include for exposing existing live watermain and fitting connections etc; all as per Engineer's details STD-W-05 and Engineer's drawing no.23009-C-DR-0510 Potable Water Supply layout <u>Connection to existing watermain</u> mains, public	2	nr		
	1	Item		

Ref: 2793

PD 70/38

To Collection €:

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(50) SITE SERVICES (MAINLY PIPED AND DUCTED)</u>					
<u>(Continued)</u>					
Watermains in accordance with Irish Water Code of Practice which includes swabbing, disinfecting, flushing and chlorinating; the need for certified operatives, short term burst test and joint toughness test (prior to pipe laying) both undertaken by accredited laboratory, electrofusion welds are to be cut out from completed Works and subjected to destructive testing as indicated by IW. Allow for 2 electrofusion samples to be cut out per week or 8 in total whichever is greater, for testing by accredited laboratory. The frequency of destructive testing shall increase if failure as defined by IW of a sample occurs. All necessary as build information required by IW including as build drawings and GPS information on all fittings/joints. All as per Engineers specification and IW CoP.					
<u>Testing and Commissioning</u>					
A	generally	1	Item		
Allow for traffic management for works to be carried out in public roadways & footpath; including all associated protective works, watching, lighting and signage					
<u>Traffic Management</u>					
B	generally	1	Item		
Allow for all costs of road opening license for works within the public road					
<u>Road Opening License</u>					
C	generally	1	Item		
<u>ANY OTHER ITEMS</u>					
Quantity Adjustments					
<u>The Contractor to include here for any quantity adjustments necessary on any of the above items</u>					
A			noid		

Pricing Document

Description	Qty	Unit	Rate	Total
			€	€
<u>(50) SITE SERVICES (MAINLY PIPED AND DUCTED)</u> <u>(Continued)</u>				
B		noid		
C		noid		
Any works deemed necessary to complete the work as indicated on the Architect's / Engineers drawings but not specifically identified and scheduled above				
<u>The Contractor shall describe and include here for any additional items in Qty Unit Rate format</u>				
A		noid		
B		noid		
C		noid		

--

Pricing Document

Description	Qty	Unit	Rate	Total
			€	€
<u>(50) SITE SERVICES (MAINLY PIPED AND DUCTED)</u> <u>(Continued)</u>				
COLLECTION				
PD 70/1:				
PD 70/2:				
PD 70/3:				
PD 70/4:				
PD 70/5:				
PD 70/6:				
PD 70/7:				
PD 70/8:				
PD 70/9:				
PD 70/10:				
PD 70/11:				
PD 70/12:				
PD 70/13:				
PD 70/14:				
PD 70/15:				
PD 70/16:				
PD 70/17:				
PD 70/18:				
PD 70/19:				
PD 70/20:				
PD 70/21:				
PD 70/22:				
PD 70/23:				
PD 70/24:				
PD 70/25:				
PD 70/26:				
PD 70/27:				
PD 70/28:				
Ref: 2793	PD 70/41			

Pricing Document

Description	Qty	Unit	Rate	Total
			€	€
<u>(50) SITE SERVICES (MAINLY PIPED AND DUCTED)</u> <u>(Continued)</u> PD 70/29: PD 70/30: PD 70/31: PD 70/32: PD 70/33: PD 70/34: PD 70/35: PD 70/36: PD 70/37: PD 70/38: PD 70/39: PD 70/40: (50) SITE SERVICES (MAINLY PIPED AND DUCTED) Carried to Summary:				
Ref: 2793	PD 70/42			

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(60) SITE SERVICES (MAINLY ELECTRICAL)</u>					
<u>GENERALLY</u>					
The Contractor should note the following					
<u>Notes</u>					
Refer to Architect's / Civil & Structural / Building Service Engineer's Drawings & Specifications for full details.			note		
Note trenches for services have been combined where possible			note		
Refer to Electrical drawing no.E-1000 Site Services Layout-A1 and Electrical specification			note		
<u>DRAINAGE: Below Ground</u>					
To receive pipes not exceeding 250mm nominal diameter; excavation in unstable ground; grading bottoms; earthwork support; bedding and surrounding pipes with sand to a depth of minimum 150mm below, 75mm above and minimum 75mm each side of pipe; backfilling; disposing of surplus excavated material off site; work generally under roads / footpaths; starting from stripped ground level; backfilling with excavated material; in accordance Electrical drawings no.E-1000 Site Services Layout-A1 and Electrical specification.					
<u>Excavating trenches</u>					
Pipes < or = 250mm nominal diameter					
A	average depth 0.50 - 1.00m; pipes in trench; 1 no.50mm diameter ducts	10	m		
B	average depth 0.50 - 1.00m; pipes in trench; 1 no.100mm diameter ducts	212	m		
C	average depth 0.50 - 1.00m; pipes in trench; 1 no.125mm diameter ducts	58	m		
D	average depth 0.50 - 1.00m; pipes in trench; 2 no.100mm diameter ducts	45	m		
Ref: 2793		PD 71/1		To Collection €:	

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(60) SITE SERVICES (MAINLY ELECTRICAL) (Continued)</u>					
A	average depth 0.50 - 1.00m; pipes in trench; 1 no.100mm diameter duct and 1 no. 125mm diameter duct	51	m		
B	average depth 0.50 - 1.00m; pipes in trench; 2 no.125mm diameter ducts	60	m		
C	average depth 0.50 - 1.00m; pipes in trench; 3 no.100mm diameter ducts	35	m		
D	average depth 0.50 - 1.00m; pipes in trench; 2 no.100mm diameter duct and 1 no. 50mm diameter duct	7	m		
E	average depth 0.50 - 1.00m; pipes in trench; 2 no.100mm diameter duct and 1 no. 125mm diameter duct	35	m		
F	average depth 0.50 - 1.00m; pipes in trench; 3 no.125mm diameter ducts	17	m		
G	average depth 0.50 - 1.00m; pipes in trench; 2 no.100mm diameter duct and 2 no. 50mm diameter duct	5	m		
H	average depth 0.50 - 1.00m; pipes in trench; 3 no.100mm diameter duct and 1 no. 125mm diameter duct	35	m		
J	average depth 0.50 - 1.00m; pipes in trench; 2 no.100mm diameter duct and 3 no. 50mm diameter duct	9	m		
K	average depth 0.50 - 1.00m; pipes in trench; 2 no.100mm diameter duct and 4 no. 50mm diameter duct	8	m		
L	average depth 0.50 - 1.00m; pipes in trench; 2 no.100mm diameter duct and 5 no. 50mm diameter duct	10	m		
<u>Extra over excavating trenches irrespective of depth</u>					
Breaking up rock					
M	trench depth 0.50 - 1.00m; rock thickness 750mm	1	Item		
Disposal					
<u>ground water</u>					
N	generally	1	Item		
<u>surface water</u>					
Ref: 2793				PD 71/2	
				To Collection €:	

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(60) SITE SERVICES (MAINLY ELECTRICAL) (Continued)</u>					
A	generally Washed sand fill [e/m] for 150mm bed and surround; to include 150mm cover to all ducts; all in accordance with the Electrical drawing no.E-1000 Site Services Layout-A1 <u>Beds and Surrounds</u>	1	Item		
B	325mm thick x 200mm wide; 1 no.50mm diameter ducts	10	m		
C	325mm thick x 200mm wide; 1 no.100mm diameter ducts	212	m		
D	325mm thick x 425mm wide; 1 no.125mm diameter ducts	58	m		
E	325mm thick x 350mm wide; 2 no.100mm diameter ducts	45	m		
F	325mm thick x 875mm wide; 1 no.100mm diameter duct and 1 no. 125mm diameter duct	51	m		
G	325mm thick x 500mm wide; 3 no.100mm diameter ducts	35	m		
H	325mm thick x 450mm wide; ; 2 no.100mm diameter duct and 1 no. 50mm diameter duct	7	m		
J	325mm thick x 1,075mm wide; 2 no.100mm diameter duct and 1 no. 125mm diameter duct	35	m		
K	325mm thick x 550mm wide; 2 no.100mm diameter duct and 2 no. 50mm diameter duct	5	m		
L	325mm thick x 1,225mm wide; 3 no.100mm diameter duct and 1 no. 125mm diameter duct	35	m		
M	325mm thick x 650mm wide; 2 no.100mm diameter duct and 3 no. 50mm diameter duct	9	m		
N	325mm thick x 750mm wide; 2 no.100mm diameter duct and 4 no. 50mm diameter duct	8	m		
P	325mm thick x 850mm wide; 2 no.100mm diameter duct and 5 no. 50mm diameter duct Leanmix Concrete; 75mm bed and surround; to include 75mm cover to all ducts; all in accordance with the Electrical drawing no.E-1000 Site Services Layout-A1 <u>Beds and Surrounds</u>	10	m		
Ref: 2793		PD 71/3		To Collection €:	

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(60) SITE SERVICES (MAINLY ELECTRICAL) (Continued)</u>					
A	325mm thick x 525mm wide; to 2 no.125mm diameter duct	60	m		
B	325mm thick x 750mm wide; to 3 no.125mm diameter duct	17	m		
<u>ELECTRICAL INSTALLATION: LV Power</u>					
ESB networks approved; uPVC pipes to BS 3506, class B; red PVC ducting; solid wall; spigot and socket joints in the running length; complete with 10mm 8Kn draw wires: provide each duct with a strong continuous 10mm polypropylene diameter 10mm 8Kn draw wires free of knots and securely anchored at each end; all in accordance with Electrical drawing no.E-1000 Site Services Layout-A1 and specification.					
<u>Cable ducts</u>					
C	1 no. 125mm diameter ducts; laid in position	178	m		
D	1 no. 125mm diameter ducts; laid in position - ESB Ducting	148	m		
E	extra over for short radius bends; to 125mm diameter duct	9	nr		
F	extra over for long radius bends; to 125mm diameter duct	15	nr		
G	extra over for connecting to ESB Micro-pillar	1	nr		
<u>Pipe Accessories</u>					
H	10mm 8Kn draw wires	178	m		
J	10mm 8Kn draw wires - ESB ducting	148	m		
ESB networks approved; uPVC pipes to BS 3506, class B; red PVC ducting; solid wall; spigot and socket joints in the running length; complete with 10mm 8Kn draw wires: provide each duct with a strong continuous 10mm diameter polypropylene 10mm 8Kn draw wires free of knots and securely anchored at each end; all in accordance with Electrical drawing no.E-1000 Site Services Layout-A1 and specification.					
<u>Cable ducts</u>					
K	1 no.50mm diameter duct; laid in position	127	m		

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(60) SITE SERVICES (MAINLY ELECTRICAL) (Continued)</u>					
A	extra over for short radius bends; to 50mm diameter duct <u>Pipe Accessories</u>	5	nr		
B	10mm 8Kn draw wires ESB approved yellow warning tape and marker tape; below finished ground level; tape being heavy duty; along the full length of and over each duct; to ESB requirements; as per specification <u>Marker tape</u>	127	m		
C	setting in trench 400mm below marker tape to ground over ducts or cables	304	m		
D	setting in trench 400mm below marker tape to ground over ducts or cables - ESB ducting <u>Warning tape</u>	148	m		
E	setting in trench 600mm below warning tape to ground over ducts or cables	304	m		
F	setting in trench 400mm below marker tape to ground over ducts or cables - ESB ducting Cable access chamber; 320mm diameter Polypipe or equivalent inspection chamber base with branch inlets to suit duct quantity; 320mm diameter inspection chamber with 2 number branch inlets; 320mm diameter 135mm rise riser; 460mm diameter ductile iron chamber cover to IS EN 124 with slip resistant thread pattern; including all excavations, earthwork support, bedding, openings for ducts and disposal of surplus material off site; all as shown on Engineer's drawing no.E-1000 Site Services Layout-A1 <u>Chambers</u>	148	m		
G	460 x 320mm deep access chamber	2	nr		
Ref: 2793		PD 71/5		To Collection €:	

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(60) SITE SERVICES (MAINLY ELECTRICAL) (Continued)</u>					
Mini Pillar, as per ESB guidelines; mechanically fixed to concrete base in accordance with manufacturers recommendation; 600mm above GL					
<u>Fittings</u>					
A	Mini Pillar, as per ESB guidelines 600mm wide x 1450mm high	4	nr		
Mini-pillar Vault; Precast concrete mini-pillar vault complete to ESB requirements; including all excavation, excavation in unstable ground, earthwork support, grading bottoms, backfilling, formwork, openings for pipes, copper mini pillar earth; 200mm diameter sump; disposal of surplus material by removal from site; all in accordance with the Electrical drawings and specification					
<u>Bases</u>					
B	mini-pillar vault; internal dimensions 1800 x 690mm deep	4	nr		
EV charging pedestal with dual type 2 Menneke socket; including reinforced in-situ concrete foundation; holding down bolts; conduit entry into base for cable access; earthing and bonding as required; to comply with IS 10101:2020 and relevant Irish and European Standards; including all excavations, disposal of surplus material by removal from site; all in accordance with the Electrical drawings and specification					
<u>Bases</u>					
C	EV charging pedestal; size to be confirmed	5	nr		
Ref: 2793		PD 71/6		To Collection €:	

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(60) SITE SERVICES (MAINLY ELECTRICAL) (Continued)</u>					
EV charging kiosk; Precast concrete foundation base for EV charging kiosk base; holding down bolts; conduit entry into base for cable access; earthing and bonding as required; to comply with IS 10101:2020 and relevant Irish and European Standards; including all excavations, disposal of surplus material by removal from site; all in accordance with the Electrical drawings and specification					
<u>Bases</u>					
A	EV charging kiosk; internal dimensions 800 x 600mm deep	1	nr		
Connection to existing underground ESB/LV cable ducts installed by enabling works contractor; locating and connecting into existing uPVC cable ducts; all pipework and fittings necessary to complete installation					
<u>Mains</u>					
Connection to existing ESB/LV ducting					
B	average depth 500 - 1000mm	1	nr		
Cleaning and proving each duct as per ESB Networks specification					
<u>Testing and commissioning</u>					
C	brush and mandrel	1	Item		
<u>Sundries</u>					
D	Operating and maintenance manuals	1	Item		
E	Working drawings	1	Item		
F	Co-ordination drawings	1	Item		
G	As built drawings	1	Item		
H	Identification plates, labels and the like	1	Item		
<u>ELECTRICAL INSTALLATION: EIR/Comms</u>					
Refer to Electrical drawing no.E-1000 Site Services Layout-A1 and Electrical specification			note		

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(60) SITE SERVICES (MAINLY ELECTRICAL) (Continued)</u>					
<u>DRAINAGE: Below Ground</u>					
COMMS Networks approved "comms green ducts", with socket and spigot joints along the running length; complete with 10mm 8Kn draw wires: provide each duct with a strong continuous 10mm diameter polypropylene 10mm 8Kn draw wires free of knots and securely anchored at each end; all in accordance with Electrical drawings no.E-1000 Site Services Layout-A1 and specification.					
<u>Cable ducts</u>					
A	extra over for long radius bends; to 100mm diameter duct	168	m		
B	extra over for long radius bends; to 100mm diameter duct	1	nr		
C	extra over for short radius bends; to 100mm diameter duct	1	nr		
ESB approved yellow marker tape; below finished ground level; tape being heavy duty; along the full length of and over each duct; to ESB requirements; as per specification					
<u>warning tape</u>					
D	setting in trench 400mm below ground over ducts or cables	170	m		
Cable access chamber; 320mm diameter Polypipe or equivalent inspection chamber base with branch inlets to suit duct quantity; 320mm diameter inspection chamber with 2 number branch inlets; 320mm diameter 135mm rise riser; 460mm diameter ductile iron chamber cover to IS EN 124 with slip resistant thread pattern; including all excavations, earthwork support, bedding, openings for ducts and disposal of surplus material off site; all as shown on Engineer's drawing no.E-1000 Site Services Layout-A1					
<u>Chambers</u>					
E	460 x 320mm deep access chamber	2	nr		

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(60) SITE SERVICES (MAINLY ELECTRICAL) (Continued)</u>					
Proprietary utility/ services precast chamber; Killeshal JB4 or equal approved; heavy duty ductile iron cover and frame, Class D400, utility type stamp, bedding and haunched in mortar; on and including appropriate base and filling; including all necessary excavation; excavation in unstable ground; earthwork support; grading bottoms; backfilling; disposal of surplus material off site, and backfilling with hardcore Clause 808, blockwork, reinforced lintels, 150mm thick in-situ concrete base; all in accordance with Electrical drawing and specification.					
<u>Junction box</u>					
A	JB4: External junction box; internal dimensions 450 x 910 x 1000mm deep	4	nr		
Barrier/Gate kiosk; Precast concrete foundation base for barrier/gate kiosk base; holding down bolts; conduit entry into base for cable access; earthing and bonding as required; to comply with IS 10101:2020 and relevant Irish and European Standards; including all excavations, disposal of surplus material by removal from site; all in accordance with the Electrical drawings and specification					
<u>Bases</u>					
B	Barrier kiosk; internal dimensions 800 x 600mm deep	2	nr		
Cleaning and proving each duct as per ESB Networks specification					
<u>Testing and commissioning</u>					
C	brush and mandrel	1	Item		
<u>Sundries</u>					
D	Operating and maintenance manuals	1	Item		
E	Working drawings	1	Item		
F	Co-ordination drawings	1	Item		
Ref: 2793				To Collection €:	
PD 71/9					

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(60) SITE SERVICES (MAINLY ELECTRICAL) (Continued)</u>					
A	As built drawings	1	Item		
B	Identification plates, labels and the like	1	Item		
<u>ELECTRICAL INSTALLATION: Pro CCTV</u>					
Refer to Electrical drawing no.E-1000 Site Services Layout-A1 and Electrical specification.			note		
<u>DRAINAGE: Below Ground</u>					
ESB networks approved; uPVC pipes to BS 3506, class B; red PVC ducting; solid wall; spigot and socket joints in the running length; complete with 10mm 8Kn draw wires: provide each duct with a strong continuous 10mm diameter polypropylene 10mm 8Kn draw wires free of knots and securely anchored at each end; all in accordance with Electrical drawings no.E-1000 Site Services Layout-A1 and specification					
<u>Cable ducts</u>					
C	1 no 100mm diameter ducts; laid in position	127	m		
CCTV Networks approved; uPVC pipes to BS 3506, class B; red PVC ducting; solid wall; spigot and socket joints in the running length; complete with 10mm 8Kn draw wires: provide each duct with a strong continuous 10mm diameter polypropylene 10mm 8Kn draw wires free of knots and securely anchored at each end; all in accordance with Electrical drawings no.E-1000 Site Services Layout-A1 and specification					
<u>Cable ducts</u>					
D	1 no 100mm diameter ducts; laid in position	128	m		
ESB approved yellow marker tape; below finished ground level; tape being heavy duty; along the full length of and over each duct; to ESB requirements; as per sElectrical drawings no.E -1000 Site Services Layout					
<u>Warning tape</u>					
Ref: 2793		PD 71/10		To Collection €:	

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(60) SITE SERVICES (MAINLY ELECTRICAL) (Continued)</u>					
A	setting in trench 400mm below ground over ducts or cables Cable access chamber; 320mm diameter Polypipe or equivalent inspection chamber base with branch inlets; 320mm diameter inspection chamber with 2 number branch inlets; 320mm diameter 135mm rise riser; 460mm diameter ductile iron chamber cover to IS EN 124 with slip resistant thread pattern; including all excavations, earthwork support, bedding, openings for ducts and disposal of surplus material off site; all as shown on Engineer's drawing no.E-1000 Site Services Layout-A1 <u>Chambers</u>	255	m		
B	460 x 320mm deep access chamber CCTV steel column; hot dip galvanized finish to ISO EN1461; column base plate with holding down bolts cast into reinforced concrete foundation; reinforced in-situ concrete foundation; conduit entry into base for cable access; earthing and bonding as required; to comply with IS 10101:2020 and all relevant Irish and European Standards; including all excavations, foundations, cable connections and disposal of surplus material off site; all as per Engineer's drawing no.E-1000 Site Services Layout-A1 <u>CCTV Steel Column</u>	4	nr		
C	6m high lightning column CCTV column bases complete; reinforced concrete base for public lighting pole; ensuring proper compaction, formwork, and finishing; concrete shall be of specified grade C25/30 and comply with relevant standards; base shall include provisions for fixing the lighting pole, such as embedded bolts or anchor cages and be installed on a prepared and compacted subgrade as shown in drawing no. E-1000 Site Services Layout-A1 and specification <u>Bases</u>	4	nr		

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(60) SITE SERVICES (MAINLY ELECTRICAL) (Continued)</u>					
A	750mm x 750mm x 1000mm deep; including casting 450mm diameter sleeves for cable entry - [6m high above ground lighting column] Connection to existing underground ESB/LV cable ducts installed by enabling works contractor; locating and connecting into existing uPVC cable ducts; all pipework and fittings necessary to complete installation <u>Mains</u> Connection to existing ESB/LV ducting	4	nr		
B	average depth 500 - 1000mm Cleaning and proving each duct as per ESB Networks specification <u>Testing and commissioning</u>	1	nr		
C	brush and mandrel <u>Sundries</u>	1	Item		
D	Operating and maintenance manuals	1	Item		
E	Working drawings	1	Item		
F	Co-ordination drawings	1	Item		
G	As built drawings	1	Item		
H	Identification plates, labels and the like	1	Item		
<u>ELECTRICAL INSTALLATION: Site Lighting</u> Refer to Electrical drawing no.E-1000 Site Services Layout-A1 and Electrical specification. <u>DRAINAGE: Below Ground</u>			note		
Ref: 2793		PD 71/12		To Collection €:	

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(60) SITE SERVICES (MAINLY ELECTRICAL) (Continued)</u>					
ESB networks approved; uPVC pipes to BS 3506, class B; red PVC ducting; solid wall; spigot and socket joints in the running length; complete with 10mm 8Kn draw wires: provide each duct with a strong continuous 10mm diameter polypropylene 10mm 8Kn draw wires free of knots and securely anchored at each end; all in accordance with Electrical drawings no.E-1000 Site Services Layout-A1 and specification					
<u>Cable ducts</u>					
A	1 no.100mm diameter duct; laid in position	313	m		
B	extra over for long radius bends; to 100mm diameter duct	2	nr		
C	extra over for connecting to ESB Micro-pillar	2	nr		
ESB approved yellow marker tape; below finished ground level; tape being heavy duty; along the full length of and over each duct; to ESB requirements; as per Electrical drawings no.E-1000 Site Services Layout-A1					
<u>Warning tape</u>					
D	setting in trench 400 below ground over ducts or cables	313	m		
Cable access chamber; 320mm diameter Polypipe or equivalent inspection chamber base with branch inlets; 320mm diameter inspection chamber with 2 number branch inlets; 320mm diameter 135mm rise riser; 460mm diameter ductile iron chamber cover to IS EN 124 with slip resistant thread pattern; including all excavations, earthwork support, bedding, openings for ducts and disposal of surplus material off site; all as shown on Engineer's drawing no.E-1000 Site Services Layout-A1					
<u>Chambers</u>					
E	460 x 320mm deep access chamber	17	nr		
Ref: 2793		PD 71/13		To Collection €:	

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(60) SITE SERVICES (MAINLY ELECTRICAL) (Continued)</u>					
Circular galvanized lighting column 6.0m high black powder coated hot dip to ISO EN1461; 400mm outreach arm with Philips Lumistreet gen2 BGP291 lantern or equal approved; 100mm red HDPE lighting ducting stamped "Public Lighting"; electrical marker tape at 300mm below finished ground level; 10mm 8kN draw wires at all termination points; column designed to EN 40 and BD94/07 for minimum 25 year life; to comply with IS EN 13210-2:2015 Class P3 and IS 10101:2020; including all excavations, foundations, cable connections and disposal of surplus material off site; all as shown on Engineer's drawing no.E-1000 Site Services Layout-A1 <u>Lamp Stand Column</u>					
A	6m high lightning column	16	nr		
Lamp standard bases complete; reinforced concrete base for public lighting pole; ensuring proper compaction, formwork, and finishing. Concrete shall be of specified grade C25/30 and comply with relevant standards. The base shall include provisions for fixing the lighting pole, such as embedded bolts or anchor cages, and be installed on a prepared and compacted subgrade as shown in drawing no. E-1000 Site Services Layout-A1 and specification <u>Bases</u>					
B	750mm x 750mm x 1000mm deep; including casting 450mm diameter sleeves for cable entry - [6m high above ground lighting column]	16	nr		
Ref: 2793		PD 71/14		To Collection €:	

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(60) SITE SERVICES (MAINLY ELECTRICAL) (Continued)</u>					
Public Lighting Micro Vault; precast concrete mini pillar vault complete to ESB requirements; cover to be heavy duty cast iron cover and frame to B.S.750; sizes to be confirmed; bedding in cement mortar (1:3); including all excavations, grading bottoms, earthwork support, formwork, openings for pipes; 200mm diameter sump; disposal of surplus material by removal from site; with 16mm dia. hot dip galvanized iron earth rod 1200mm deep.					
<u>Public lighting micro vault</u>					
A	micro pillar vault; internal dimensions to be confirmed	1	nr		
Connection to existing underground ESB/site lighting cable ducts installed by enabling works contractor; locating and connecting into existing uPVC ducts; all pipework and fittings necessary to complete installation					
<u>Mains</u>					
Connection to existing ESB/site lighting ducting					
B	average depth 500 - 1000mm	1	nr		
Cleaning and proving each duct as per ESB Networks specification					
<u>Testing and commissioning</u>					
C	brush and mandrel	1	Item		
<u>Sundries</u>					
D	Operating and maintenance manuals	1	Item		
E	Working drawings	1	Item		
F	Co-ordination drawings	1	Item		
G	As built drawings	1	Item		
H	Identification plates, labels and the like	1	Item		
<u>WORKS OUTSIDE THE SITE BOUNDARY</u>					
<u>DRAINAGE: Below Ground</u>					
Ref: 2793				PD 71/15	
				To Collection €:	

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(60) SITE SERVICES (MAINLY ELECTRICAL) (Continued)</u>					
To receive pipes not exceeding 250mm nominal diameter; excavation in unstable ground; grading bottoms; earthwork support; bedding and surrounding pipes with sand to a depth of minimum 150mm below, 75mm above and minimum 75mm each side of pipe; backfilling; disposing of surplus excavated material off site; work generally under roads / footpaths; starting from stripped ground level; backfilling with excavated material; in accordance Electrical drawings no.E-1000 Site Services Layout-A1 and Electrical specification.					
<u>Excavating trenches</u>					
Pipes < or = 250mm nominal diameter					
A	average depth 0.50 - 1.00m; pipes in trench; 2 no.125mm diameter ducts	12	m		
B	average depth 0.50 - 1.00m; pipes in trench; 3 no.125mm diameter ducts	4	m		
<u>Extra over</u>					
C	breaking up existng tarmacadam roadway; including sawcutting	7	m		
D	reinstatement of existing tarmacadam roadway	7	m		
<u>Extra over excavating trenches irrespective of depth</u>					
Breaking up rock					
E	trench depth 0.50 - 1.00m; rock thickness 750mm	1	Item		
Disposal					
<u>ground water</u>					
F	generally	1	Item		
<u>surface water</u>					
G	generally	1	Item		
Ref: 2793		PD 71/16		To Collection €:	

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(60) SITE SERVICES (MAINLY ELECTRICAL) (Continued)</u>					
Leanmix Concrete; 75mm bed and surround; to include 75mm cover to all ducts; all in accordance with the Electrical drawing no.E-1000 Site Services Layout-A1					
<u>Beds and Surrounds</u>					
A	325mm thick x 525mm wide; to 2 no.125mm diameter duct	12	m		
B	325mm thick x 750mm wide; to 3 no.125mm diameter duct	4	m		
<u>ELECTRICAL INSTALLATION: LV Power</u>					
ESB networks approved; uPVC pipes to BS 3506, class B; red PVC ducting; solid wall; spigot and socket joints in the running length; complete with 10mm 8Kn draw wires: provide each duct with a strong continuous 10mm polypropylene diameter 10mm 8Kn draw wires free of knots and securely anchored at each end; all in accordance with Electrical drawing no.E-1000 Site Services Layout-A1 and specification.					
<u>Cable ducts</u>					
C	1 no. 125mm diameter ducts; laid in position - ESB Ducting	33	m		
D	extra over for short radius bends; to 125mm diameter duct	2	nr		
E	extra over for long radius bends; to 125mm diameter duct	6	nr		
<u>Pipe Accessories</u>					
F	10mm 8Kn draw wires - ESB ducting	33	m		
ESB approved yellow warning tape and marker tape; below finished ground level; tape being heavy duty; along the full length of and over each duct; to ESB requirements; as per specification					
<u>Marker tape</u>					
G	setting in trench 400mm below marker tape to ground over ducts or cables - ESB ducting	33	m		
<u>Warning tape</u>					

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(60) SITE SERVICES (MAINLY ELECTRICAL) (Continued)</u>					
A	setting in trench 400mm below marker tape to ground over ducts or cables - ESB ducting Cleaning and proving each duct as per ESB Networks specification <u>Testing and commissioning</u>	33	m		
B	brush and mandrel <u>Sundries</u>	1	Item		
C	Operating and maintenance manuals	1	Item		
D	Working drawings	1	Item		
E	Co-ordination drawings	1	Item		
F	As built drawings	1	Item		
G	Identification plates, labels and the like	1	Item		
<u>ELECTRICAL INSTALLATION: EIR/Comms</u>					
Refer to Electrical drawing no.E-1000 Site Services Layout-A1 and Electrical specification			note		
<u>DRAINAGE: Below Ground</u>					
COMMS Networks approved "comms green ducts", with socket and spigot joints along the running length; complete with 10mm 8Kn draw wires: provide each duct with a strong continuous 10mm diameter polypropylene 10mm 8Kn draw wires free of knots and securely anchored at each end; all in accordance with Electrical drawings no.E-1000 Site Services Layout-A1 and specification.					
<u>Cable ducts</u>					
H	extra over for long radius bends; to 100mm diameter duct <u>Extra over</u>	2	m		
J	breaking up existng tarmacadam roadway; including sawcutting	2	m		

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(60) SITE SERVICES (MAINLY ELECTRICAL) (Continued)</u>					
A	reinstatement of existing tarmacadam roadway ESB approved yellow marker tape; below finished ground level; tape being heavy duty; along the full length of and over each duct; to ESB requirements; as per specification <u>warning tape</u>	2	m		
B	setting in trench 400mm below ground over ducts or cables Connection to existing underground ESB/EIR cable ducts installed by enabling works contractor; locating and connecting into existing Hydrocare and HDPE ducts; all pipework and fittings necessary to complete installation <u>Mains</u> Connection to existing ESB/EIR ducting	2	m		
C	average depth 500 - 1000mm Cleaning and proving each duct as per ESB Networks specification <u>Testing and commissioning</u>	1	nr		
D	brush and mandrel <u>Sundries</u>	1	Item		
E	Operating and maintenance manuals	1	Item		
F	Working drawings	1	Item		
G	Co-ordination drawings	1	Item		
H	As built drawings	1	Item		
J	Identification plates, labels and the like	1	Item		
<u>ANY OTHER ITEMS</u>					
Quantity Adjustments					
<u>The Contractor to include here for any quantity adjustments necessary on any of the above items</u>					

Pricing Document

Description	Qty	Unit	Rate	Total
			€	€
<u>(60) SITE SERVICES (MAINLY ELECTRICAL) (Continued)</u>				
A		noid		
B		noid		
C		noid		
Any works deemed necessary to complete the work as indicated on the Architect's / Engineers drawings but not specifically identified and scheduled above				
<u>The Contractor shall describe and include here for any additional items in Qty Unit Rate format</u>				
A		noid		
B		noid		
C		noid		

**Brennan
Associates**

[illegible]

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(70) SITE FITTINGS</u>					
GENERALLY					
The Contractor should note the following			head3		
<u>Notes</u>			head4		
Refer to Architect's / Building Service Engineer's Drawings & Specifications for full details			Note		
The Contractor is deemed to have visited the site and familiarise themselves with all existing site conditions / features to ascertain the nature and extent of the work required for pricing purposes			Note		
<u>ELECTRICAL INSTALLATIONS</u>					
Primary Equipment; Dual EV Charging Kiosk; to be of robust design and vandal resistant; to be suitable for use in unsupervised environment; to be wired and installed in accordance with I.S. 10101: 2020; to be capable of delivering 22kW three phase per outlet (11kW per outlet where both in use); to be non-tethered and have Contractor IEC 62196 Type 2 with protection rating of IP65; to be compatible with open charge point protocol, including supporting a user identification system radio frequency identification IEC14443 Type A 13.56 Mhz v.; including GSM Modem GPRS or better; Part M compliant; ito include power overload and earth leakage protection outlet; compatible to operate with a dynamic power load management system; all in accordance with the Mechanical & Electrical Engineers drawings & specifications					
<u>Primary Equipment</u>					
A	Dual EV Charger	2	nr		
Ref: 2793		PD 72/1		To Collection €:	

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(70) SITE FITTINGS (Continued)</u>					
The Contractor shall carry out insulation and continuity tests with an approved tester supplying DC voltage at 500 volts. Tests shall be carried out as outlined in the IEE and ETCI requirements; all in accordance with the Mechanical & Electrical Engineers drawings & specifications <u>Testing</u>					
A	Dual EV Charger's	1	item		
The contractor shall complete commissioning and system validation of Dual EV Chargers <u>Commissioning & System Validation</u>					
B	Dual EV Charger's	1	item		
The contractor shall provide operational and maintenance manuals for the Dual EV Chargers <u>Operational & Maintenance Manual</u>					
C	Dual EV Charger's	1	item		
<u>FITTINGS: Fittings, Equipment and Furniture</u>					
Road Signs; new signage with required wording on 76mm diameter x 5mm galvanized CHS post including all associated fixings, etc.; sign to be not less than 2,500mm above ground level; as required; set in 900mm x 900mm x 700mm 30N in-situ concrete base including all associated excavation, disposal of excavated material off site, working space, in-situ concrete foundation, formwork, pipe sleeve, backfilling upon completion, etc.; all in strict accordance with the Engineers drawings & Specification's; all installed in accordance with traffic sign manual; as show in Engineer's drawing no.23009-DR-1201-T1 <u>Signage</u>					
D	Stop sign (RUS 027)	2	nr		
Ref: 2793		PD 72/2		To Collection €:	

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(70) SITE FITTINGS (Continued)</u>					
A	No entry sign (RUS 050) Galvanized mild steel bollards fabricated from 168.3mm diameter steel tube with a 5mm wall thickness, complete with semi-domed top caps to prevent pooling water; stainless steel 1,000 mm above ground level with an overall length of 1,450 mm including 450 mm minimum embedment depth; Galvanized and painted yellow and black bands steel material grade; G320 satin polished/brushed surface finish; recessed grooves to ensure tape sits flush and resists vandalism; Class 1 engineering-grade retroreflective white tape with 2 numbers of reflective bands for improved visibility; bollards to be root fixed directly into a concrete foundation; 500mm x 500mm square x 400mm deep concrete pad per bollard and 500mm below ground foundation pad with C25/30 minimum compressive strength grade concrete; all as per the drawing no.P22-034-T-007 and Catalyst BO'D specification document. <u>Equipment</u>	2	nr		
B	bollard: 1000mm high Stainless steel (Grade 304) bicycle racks; one-sided, 6 parking spaces each; rack size 2200mm long x 465mm high x 375mm deep; structural stainless steel posts 76mm Ø; front wheel holders 22mm Ø; root fixed installation with ragged engineered ends or cross-drilled pin bars for concrete anchor cast-in-situ; minimum root depth 450mm sub-surface embedment; including concrete foundation pad 500mm x 500mm square x 400mm deep per leg, set minimum 500mm below ground level; concrete mix C25/30 minimum compressive strength, mixed and cured in accordance with relevant standards; all works to comply with relevant standards; all as per the Catalyst BO'D specification document <u>Equipment</u>	13	nr		

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(70) SITE FITTINGS (Continued)</u>					
A	bicycle Rack; 2,200mm long x 465mm high x 375mm	2	nr		
Door guard / cain protection barrier; 60mm diameter 304-grade circular hollow section stainless steel door guard; Brushed (satin) polish or electropolished for high hygiene / corrosion resistance; to include tapping rail fixed between 100mm to 200mm off ground; 1,000mm high x 1,000mm max wide; set in 2nr 400 x 400 x 400mm deep concrete foundations (C28/35); complete with excavation, concrete surround, and all associated works; in accordance with project drawings and specification; all as per P22-034 - T-007					
<u>Protective Guard - Door guard</u>					
B	Door guarding rails as described;	9	nr		
<u>ANY OTHER ITEMS</u>					
Quantity Adjustments					
<u>The Contractor to include here for any quantity adjustments necessary on any of the above items</u>					
A	.....		noid		
B	.....		noid		
C	.....		noid		
Any works deemed necessary to complete the work as indicated on the Architect's / Engineers drawings but not specifically identified and scheduled above					
<u>The Contractor shall describe and include here for any additional items in Qty Unit Rate format</u>					
A	.....		noid		
B	.....		noid		
C	.....		noid		
Total					

**Brennan
Associates**

PD 72/5

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(80) LANDSCAPE, PLAY AREAS</u>					
<u>GENERALLY</u>			head2		
The Contractor should note the following			head3		
<u>Notes</u>			head4		
Refer to Architects Drawings & Specifications for full details			note		
The Contractor is deemed to have visited site and familiarised themselves with all existing services for pricing purposes			note		
<u>SURFACE PAVINGS, FENCING AND LANDSCAPING:</u>					
<u>Grassing and Planting</u>			head2		
Filling; Imported topsoil, free of waste, chemicals, large stones, builder's rubble and any other detritus. Topsoil shall have good structure, be friable, fresh and free-draining with at least 20% organic content. Imported topsoil shall comply with BS3882: 1994, and shall be free draining sandy loam, clay or other approved. It shall be free of stones over 40 mm diameter, and stones over 10 mm diameter shall not exceed 5% by weight. It shall be free from subsoil, sods, roots of trees and shrubs, and rubbish. Topsoil shall be from the original surface layer of grassland or cultivated land, well compacted in layers to avoid air pockets forming around the tree roots					
<u>Topsoil Imported</u>					
A	finished depth 450mm [planter shrubs]	387	m2		
Mulched planting Beds; mini-chip grade bark mulch; Free of pests, disease, fungus and weeds; Clear all weeds and Water soil thoroughly; 50mm depth allowing finished level to be 30mm below grased/ paved areas; all to be carried out in strict accordance with the landscape architects drawings and specifications					
<u>Surface Applications</u>					
B	Mulched areas	387	m2		
Ref: 2793		PD 73/1		To Collection €:	

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(80) LANDSCAPE, PLAY AREAS (Continued)</u>					
<u>Supply deliver and plant trees: Excavate tree pit to allow adequate clearance between the roots and sides of pit, pits to be minimum of 1000mm deep and 75mm deeper than the root ball, soil to be reinstated with approved slow releasing fertilizer 16-18 Month Osmocote at a rate of 30gms / pit.; tree guard to be fitted to tree base to prevent any damage from rabbits; setting out; all to be carried out in strict accordance with the landscape architects Landscape Plan and Planting Schedule.</u>					
<u>Trees</u>					
A	Acer campestre Elzrijk, Root Balled; Girth: 14-16cm; planted in accordance with Hayes Ryan Landscape Plan and Planting Schedules	4			
B	Acer palmatum Fireglow, Potted; Girth: 2.5-2.75m high, bushy; planted in accordance with Hayes Ryan Landscape Plan and Planting Schedules	1			
C	Amelanchier canadensis Lamarkii, Root Balled; Girth: 14-16cm; planted in accordance with Hayes Ryan Landscape Plan and Planting Schedules	4			
D	Betula jacquemontii Multi, Root Balled; Heigt: 3.5m (equiv. Girth 14-16cm); planted in accordance with Hayes Ryan Landscape Plan and Planting Schedules	4			
E	Carpinus betulus Franz Fontaine, Root Balled; Girth: 14-16cm; planted in accordance with Hayes Ryan Landscape Plan and Planting Schedules	3			
F	Malus Profusion, Root Balled; Girth: 14-16cm; planted in accordance with Hayes Ryan Landscape Plan and Planting Schedules	1			
G	Malus Street Parade (or equivalent fastigiata Malus), Root Balled; Girth: 14-16cm; planted in accordance with Hayes Ryan Landscape Plan and Planting Schedules	7			
Plants / Shrubs / Hedges					
Ref: 2793		PD 73/2		To Collection €:	

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(80) LANDSCAPE, PLAY AREAS (Continued)</u>					
Supply, deliver and plant shrubs, groundcover plants, perennials and ornamental grasses of the species, including excavation of planting pits, cultivation and preparation of planting beds, provision of minimum 450mm depth topsoil (m/e), slow release fertiliser, setting out in accordance with the landscape drawings and specification, Maintain planting areas free from weeds by regular spot treatment and implement a weed control programme throughout the maintenance period. Complete with all necessary operations and incidental materials in accordance with the landscape specification.					
A	Agapanthus (mixed varieties Blue and white) supplied in 3 Litre Pot; Height: 30-40cm; planted in accordance with Hayes Ryan Landscape Plan and Planting Schedules	74	nr		
B	Euonymus Green Pillar supplied in 3 Litre Pot; Height: 40-50cm; planted in accordance with Hayes Ryan Landscape Plan and Planting Schedules	127	nr		
C	Geranium Roxanne supplied in 3 Litre Pot; Height: 30-40cm; planted in accordance with Hayes Ryan Landscape Plan and Planting Schedules	52	nr		
D	Hydrangea Annabelle supplied in 3 Litre Pot; Height: 40-50cm; planted in accordance with Hayes Ryan Landscape Plan and Planting Schedules	28	nr		
E	Hydrangea arborescens Endless Summer White supplied in 3 Litre Pot; Height: 40-50cm; planted in accordance with Hayes Ryan Landscape Plan and Planting Schedules	12	nr		
F	Hydrangea arborescens Endless Summer White supplied in 5 Litre Pot; Height: 40-50cm; planted in accordance with Hayes Ryan Landscape Plan and Planting Schedules	28	nr		
G	Lonicera pileata supplied in 2 Litre Pot; Height: 30-40cm; planted in accordance with Hayes Ryan Landscape Plan and Planting Schedules	101	nr		
Ref: 2793		PD 73/3		To Collection €:	

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(80) LANDSCAPE, PLAY AREAS (Continued)</u>					
A	Miscanthus sinensis Morning Light supplied in 3 Litre Pot; Height: 40-50cm; planted in accordance with Hayes Ryan Landscape Plan and Planting Schedules	22	nr		
B	Miscanthus sinensis Morning Light (individually spaced) supplied in 3 Litre Pot; Height: 30-40cm; planted in accordance with Hayes Ryan Landscape Plan and Planting Schedules	4	nr		
C	Nepeta Walkers Low supplied in 3 Litre Pot; Height: 30-40cm; planted in accordance with Hayes Ryan Landscape Plan and Planting Schedules	111	nr		
D	Prunus lusitanica Angustifolia (root balled or potted); Height: 60-80cm; planted in accordance with Hayes Ryan Landscape Plan and Planting Schedules	87	nr		
E	Prunus Ottoluyken supplied in 2 Litre Pot; Height: 30-40cm; planted in accordance with Hayes Ryan Landscape Plan and Planting Schedules	107	nr		
F	Prunus Ottoluyken supplied in 3 Litre Pot; Height: 30-40cm; planted in accordance with Hayes Ryan Landscape Plan and Planting Schedules	20	nr		
G	Rosemarinus Prostratus supplied in 3 Litre Pot; Height: 30-40cm; planted in accordance with Hayes Ryan Landscape Plan and Planting Schedules	148	nr		
H	Sarcococca humilis supplied in 3 Litre Pot; Height: 30-40cm; planted in accordance with Hayes Ryan Landscape Plan and Planting Schedules	84	nr		
J	Verbena bonariensis Lollipop supplied in 3 Litre Pot; Height: 30-40cm; planted in accordance with Hayes Ryan Landscape Plan and Planting Schedules	30	nr		
K	Viburnum tinus Eve Price supplied in 3 Litre Pot; Height: 40-50cm; planted in accordance with Hayes Ryan Landscape Plan and Planting Schedules	19	nr		
<u>Sundries; Tree Stakes</u>					
Ref: 2793		PD 73/4		To Collection €:	

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(80) LANDSCAPE, PLAY AREAS (Continued)</u>					
A	Double stake and cross-member support system to trees including stakes, cross-member, ties, spacers and all associated fixings complete Maintenance for Defects Liability Period; all in accordance with the Landscape Architects drawings and specifications <u>Planting shall be maintained for 18 months and all defective material replaced.</u>	24	nr		
B	Generally <u>The contractor is responsible for replacement at his own expense, for any tree or shrub for a period of 18 months after practical completion which dies from inadequate root preparations or lack of water.</u>	1	item		
C	Generally <u>All tree pits shall be hand forked and weeded at regular intervals for a period of 18 months after practical completion</u>	1	item		
D	Generally <u>Trees shall be firmed up, re-staked, tied, adjusted, watered and pruned for a period of 18 months after practical completion as necessary or when directed by the Architect</u>	1	item		
E	Generally <u>WORKS OUTSIDE THE SITE BOUNDARY</u> <u>SURFACE PAVINGS, FENCING AND LANDSCAPING:</u> <u>Grassing and Planting</u>	1	head2		
Ref: 2793		PD 73/5		To Collection €:	

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(80) LANDSCAPE, PLAY AREAS (Continued)</u>					
Filling; Imported topsoil, free of waste, chemicals, large stones, builder's rubble and any other detritus. Topsoil shall have good structure, be friable, fresh and free-draining with at least 20% organic content. Imported topsoil shall comply with BS3882: 1994, and shall be free draining sandy loam, clay or other approved. It shall be free of stones over 40 mm diameter, and stones over 10 mm diameter shall not exceed 5% by weight. It shall be free from subsoil, sods, roots of trees and shrubs, and rubbish. Topsoil shall be from the original surface layer of grassland or cultivated land, well compacted in layers to avoid air pockets forming around the tree roots					
<u>Topsoil Imported</u>					
A	finished depth 150mm	13	m2		
Spray existing area with weed-killer; all to the Architects specifications			head3		
<u>Surface Applications</u>			head4		
B	Existing top-soiled areas	13	m2		
Seeding - Germinal Low maintenance mix, 40% Slender Creeping Red Fescue, 45% Dwarf Ryegrass, 10% Chewings Fescue, 5% Highland Browntop Bentgrass; in accordance with manufacturer and landscape architects specification			head3		
<u>Seeding</u>			head4		
C	Germinal mix	13	m2		
Maintenance for Defects Liability Period; all in accordance with the Landscape Architects drawings and specifications					
<u>Planting shall be maintained for 18 months and all defective material replaced.</u>					
D	Generally	1	item		
Ref: 2793		PD 73/6		To Collection €:	

Pricing Document

Description		Qty	Unit	Rate	Total
				€	€
<u>(80) LANDSCAPE, PLAY AREAS (Continued)</u>					
<u>The contractor is responsible for replacement at his own expense, for grass for a period of 18 months after practical completion which dies from inadequate root preparations or lack of water.</u>					
A	Generally	1	item		
<u>ANY OTHER ITEMS</u>					
Quantity Adjustments					
<u>The Contractor to include here for any quantity adjustments necessary on any of the above items</u>					
A	.....		noid		
B	.....		noid		
C	.....		noid		
Any works deemed necessary to complete the work as indicated on the Architect's / Engineers drawings but not specifically identified and scheduled above					
<u>The Contractor shall describe and include here for any additional items in Qty Unit Rate format</u>					
A	.....		noid		
B	.....		noid		
C	.....		noid		
Total					
Ref: 2793		PD 73/7		To Collection €:	

[illegible]

Appendix A: Mechanical & Electrical Pricing Documents

ITEM	DESCRIPTION	FUSION HOUSE	QUANTUM HOUSE			TOTAL
			A	B	C	
1.0	PRELIMINARIES					
1.1	CONTRACT PRELIMINARIES					
1.2	BCAR REQUIREMENTS					
1.3						
1.4						
	SUB-TOTAL TO SUMMARY					€0.00
2.0	SWITCHGEAR & CONTAINMENT					
2.1	NEW MAIN SWITCHBOARD					
2.2	NEW SUB DISTRIBUTION SWITCHBOARDS					
2.3	SUPPLY AND INSTALL CABLE TRAYS AND TRUNKING					
2.4	SUPPLY AND INSTALL CABLE TRUNKING					
2.5	SUPPLY AND INSTALL CONDUITS					
	SUB-TOTAL TO SUMMARY					€0.00
3.0	GENERAL SERVICES					
3.1	SUPPLY AND INSTALL SURFACE WALL MOUNTED SOCKET AND SPUR OUTLETS					
3.2	SUPPLY AND INSTALL RECESSED WALL MOUNTED SOCKET AND SPUR OUTLETS					
3.3	SUPPLY AND INSTALL DADO MOUNTED SOCKET AND SPUR OUTLETS					
3.4	SUPPLY AND INSTALL INTERNAL AND EXTERNAL ISOLATORS					
3.5	SUPPLY AND INSTALL DISABLED TOILET ALARM					
3.6	SUPPLY AND INSTALL INDUCTION LOOPS					
3.7	SUPPLY AND INSTALL SOLAR PV INSTALLATION					
3.8	SUPPLY AND INSTALLATION OF EV CHARGING					
3.9	SUPPLY AND INSTALLATION OF DISABLED REFUGE ALARMS					
3.10	CABLING TO FINAL CIRCUITS					
	SUB-TOTAL TO SUMMARY					€0.00
4.0	LIGHTING INSTALLATION					
4.1	SUPPLY AND INSTALLATION LIGHT SWITCHES AND PIRS					
	SUPPLY LIGHT TYPE 1					
	SUPPLY LIGHT TYPE 2					
	SUPPLY LIGHT TYPE 3					
	SUPPLY LIGHT TYPE 4					
	SUPPLY LIGHT TYPE 5					
	SUPPLY LIGHT TYPE 6					
	SUPPLY LIGHT TYPE 7					
	SUPPLY LIGHT TYPE A					
	SUPPLY LIGHT TYPE E1					
	SUPPLY LIGHT TYPE E2					
	SUPPLY LIGHT TYPE E3					
	SUPPLY LIGHT TYPE E4					
	INSTALL LIGHT TYPE 1					
	INSTALL LIGHT TYPE 2					
	INSTALL LIGHT TYPE 3					
	INSTALL LIGHT TYPE 4					
	INSTALL LIGHT TYPE 5					
	INSTALL LIGHT TYPE 6					
	INSTALL LIGHT TYPE 7					
	INSTALL LIGHT TYPE A					
	INSTALL LIGHT TYPE E1					
	INSTALL LIGHT TYPE E2					
	INSTALL LIGHT TYPE E3					
	INSTALL LIGHT TYPE E4					
	SUPPLY AND INSTALL DALI CONTROLLERS, PIRs AND SWITCHES					
	CABLING FROM SWITCHBOARD TO FINAL CIRCUITS					€0.00
	SUB-TOTAL TO SUMMARY					
5.0	FIRE ALARM INSTALLATION (SPECIALIST SUB)					
5.1	SUPPLY AND INSTALL NEW FIRE ALARM PANEL					
5.2	SUPPLY AND INSTALL NEW ASPIRATING PANEL AND ACCESSORIES					
5.3	SUPPLY AND INSTALL FIELD DEVICES					
5.4	CABLING OF FIELD DEVICES TO THE FIRE ALARM PANEL					
5.5	FIRE ALARM INTERFACES					
5.6	FIRE ALARM DRAWINGS					
5.7	COMMISSIONING, HANDOVER DOCUMENTS AND CERTIFICATION					€0.00
	SUB-TOTAL TO SUMMARY					
6.0	DATA INSTALLATION					
	SUPPLY AND INSTALL NEW COMMS CABINET					
	SUPPLY AND INSTALL 15U COMMS CABINETS					
	SUPPLY AND INSTALL PNETWORK SWITCHES					
	SUPPLY AND INSTALL WIFI ACCESS POINTS					
	SUPPLY AND INSTALL UPS					
	SUPPLY AND INSTALL PATCH PANELS					
	SUPPLY AND INSTALLATION OF DATA OUTLETS					
	CABLING TO ALL DATA OUTLETS					

	FIBRE CABLING AND SWITCHES					
	HDMI CABLING AND OUTLETS					
	TERMINATING AND TESTING					€0.00
	SUB-TOTAL TO SUMMARY					
7.0	SECURITY INSTALLATION					
	SUPPLY AND INSTALLATION OF NEW INTRUDER ALARM PANEL AND FIELD DEVICES					
	CABLING OF INTRUDER ALARM					
	SUPPLY AND INSTALLATION OF ACCESS CONTROLS SYSTEM					
	SUPPLY AND INSTALLATION OF CCTV SYSTEM					
						€0.00
	SUB-TOTAL TO SUMMARY					
8.0	EARTHING & BONDING					
	EARTHING AND BONDING OF ALL BOARDS					
	EARTHING AND BONDING OF ALL DUCTWORK AND STEELWORK					
	EARTHING AND BONDING OF ALL PIPE WORK					€0.00
	SUB-TOTAL TO SUMMARY					
9.0	MECHANICAL WIRING					
	POWER WIRING TO MECHANICAL SERVICES					
	CONTROL WIRING TO MECHANICAL SERVICES					€0.00
	SUB-TOTAL TO SUMMARY					
10.0	ANY OTHER ITEMS					
						€0.00

ITEM	DESCRIPTION	TOTAL
1.0	PRELIMINARIES	
1.1	CONTRACT PRELIMINARIES	
1.2	BCAR REQUIREMENTS	
1.3		
1.4		
	SUB-TOTAL TO SUMMARY	€0.00
2.0	WATER SERVICES INSTALLATION	
2.1	NEW MAINS, COLD, HOT AND HOT RETURN WATER PIPEWORK, VALVES AND FITTINGS	
2.2	SUPPLY AND INSTALLATION OF HEAT PUMP, EXPANSION VESSEL AND BUFFER	
2.3	SUPPLY & INSTALLATION OF THERMAL INSULATION	
2.4	SUPPLY AND INSTALLATION INTERNAL HEATING PIPEWORK	
2.5	SUPPLY AND INSTALALTION EXTERNAL HEATING PIPEWORK	
2.6	SUPPLY AND INSTALLATION OF HOT WATER CYLINDERS, UNVENTED KITS, VALVES GAUGES AND FITTINGS	
2.7	SUPPLY AND INSTALL PUMPS	
2.8	FLUSHING, CHLORINATION AND TESTING	
2.9	SUPPLY AND INSTALLATION OF WATER SOFTENER (PC SUM)	€8,000.00
	SUB-TOTAL TO SUMMARY	€8,000.00
3.0	VENTILATION	
3.1	SUPPLY AND INSTALALTION OF EXTRACT FANS	
3.2	SUPPLY AND INSTALALTION OF HEAT RECOVERY UNITS	
3.3	SUPPLY AND INSTALLATION OF GRILLES AND LOUVRES	
3.4	SUPPLY AND INSTALLATION OF DUCTWORK	
3.5	SUPPLY AND INSTALALTION OF THERMAL INSULATION	
3.6	SUPPLY AND INSTALLATION OF BALANCING DAMPERS	
3.7	AIR BALANCING	
	SUB-TOTAL TO SUMMARY	€0.00
4.0	FIRE SERVICES	
4.1	SUPPLY AND INSTALLATION OF FIRE EXTINGUISHERS	
	SUB-TOTAL TO SUMMARY	€0.00
5.0	CONTROLS SYSTEM	
5.1	SUPPLY AND INSTALLATION OF AC CENTRAL CONTROLLER	
5.2	SUPPLY AND INSTALLATION OF FIELD DEVICES, WALL CONTROLLERS AND THERMOSTATS	
	SUB-TOTAL TO SUMMARY	€0.00
6.0	INTERNAL DRAINAGE	
6.1	INSTALLATION OF SANITARY WARE	
6.2	INTERNAL DRAINAGE AND TRAPS ASSOCIATED SANITARYWARE	
	SUB-TOTAL TO SUMMARY	€0.00
7.0	ANY OTHER ITEMS (SPECIFY)	
7.1	SUPPLY AND INSTALL PANEL HEATERS	
7.2		
7.3		
	SUB-TOTAL TO SUMMARY	€0.00

**Appendix B: Tender Addendum (Pricing
Document Breakdowns IF REQUIRED)**