VOLUME C - PRICING DOCUMENT

PROPOSED ADDITIONAL ACCOMMODATION

AT

BUNSCOIL RÍS,
CASTLEMOYLE,
NEW ROSS,
CO. WEXFORD

for

THE BOARD OF MANAGEMENT

October 2026

Project no. 91604

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Company No 473149

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	Description	Qty	Unit	Rate	€	c
	(06) PRELIMINARIES					
	PRELIMINARIES					
	PRELIMINARY PARTICULARS					
	Project Particulars and General Conditions					
	Generally					
A	Provide for any costs arising from complying with items given in the Project Particulars and General Conditions Section at the beginning of this document which are not included elsewhere	1	Item			
	Names of Parties					
	Client; Board of Management, Bunscoil Rís, Castlemoyle, New Ross, Co Wexford		Note			
	Design Team Leader, Employers Representative, Assigned Certifier, Design Certifier; NMA Architects, Mullanour, Co Wexford		Note			
B	Project Supervisior Design Process; MKO, Tuam Road, Galway					
	Services Engineer; RMCE, 1 City Wall, James Street, Kilkenny		Note			
	Civil & Structural Engineer; MPA, Ormonde Road, Kilkenny		Note			
	Quantity Surveyor; MGM Partnership, Clonard Village Centre, Clonard Village Wexford		Note			
	Examination of Documents					
C	The Contractor is to carefully examine the tender documents and satisfy himself to their accuracy. Nothing in and no omission from the pricing document or works proposals limits the scope of the works or the contractors obligations ref: contract clause 1.4		Note			
	Description of the works					
D	The proposed extensions are located on the sites of the existing schools. The site addresses is Bunscoil Rís, Castlemoyle, New Ross, Co Wexford					
E	The project consists of the construction of a two storey SEN unit building, which is an extension to the existing 'live' school, and associated siteworks.					

	Description	Qty	Unit	Rate	€	c
	TENDER AND CONTRACT DOCUMENTS					
	Tender Drawings and Documents					
A	The Tender Drawings are as listed on the drawing registers provided by the designers	1	Item			
	Contract Drawings and Documents					
B	The Contract Drawings and Documents are the contents of Volume A - Work Requirements and Volume B - Form of Tender.	1	Item			
	Quantities Drawings					
C	The drawings from which the Bill of Quantities was prepared are incldued in the Works Requirements	1	Item			
	PUBLIC WORKS CONTRACT FOR BUILDING WORKS DESIGNED BY THE EMPLOYER					
	Form of Contract - Contract for Minor Building & Civil Engineering works designed by the Employer (ref PW-CF5 current at the time of tender)					
	The Agreement, Conditions of Contract and Schedule shall be those for use on Public Construction Contracts published by the Department of Finance entitled Contract for Minor Building & Civil Engineering works designed by the Employer					
	Agreement and Schedule of Clauses,Contract for Minor Building & Civil Engineering works designed by the Employer					
D	Comply with the Contract	1	Item			
	1.^^Contractor shall execute and complete the Works 2.^^The Employer shall pay the Contractor the Contract Sum subject to all works being properly carried out in accordance with the contract documents 3.^^The initial Contract Sum is a lump sum and shall be only adjusted when the Contract says so 4.^^The Contractor has satisfied itself before entering into the Contract of all the circumstances that may affect the cost of executing and completing the Works 5.^^The Contract consists of the following document: the Agreement, the Letter of Acceptance and any post-tender clarifications list in it, the Conditions and completed Schedule, the Works Requirements, completed Pricing Document, and any Works Proposals identified in the completed Schedules 6.^^The Contract takes effect from the Contract Date					

	Description	Qty	Unit	Rate	€	c
	Form of Contract Public Works Contract for Building Works Designed by the Employer					
	Provide for complying in all respects with the Articles of Agreement and Conditions of Contract as described as follows					
	1. THE CONTRACT					
A	1.1 Definitions	1	Item			
B	1.2 Interpretation	1	Item			
C	1.3 Inconsistencies	1	Item			
D	1.4. Pricing Document and Works Proposals	1	Item			
E	1.5. Performance Bond	1	Item			
F	1.6. Not used	1	Item			
G	1.7. Joint Ventures	1	Item			
H	1.8. Assignment	1	Item			
J	1.9. Miscellaneous	1	Item			
K	1.10. Background Information	1	Item			
	2. THE LAW					
L	2.1. Law Governing the Contract	1	Item			
M	2.2. Compliance with Legal Requirements	1	Item			
N	2.3. Consents	1	Item			
P	2.4. Project Supervisor	1	Item			
Q	2.5. Safety, Health and Welfare at Work Act 2005 and Safety, Health and Welfare at Work (Construction) Regulations 2013	1	Item			
R	2.6. Ethics in Public Office	1	Item			
S	2.7. Legal Opinion	1	Item			
	3. LOSS, DAMAGE AND INJURY					
T	3.1. Employer's Risks of Loss and Damage to the Works	1	Item			
U	3.2. Care of the Works	1	Item			
V	3.3. Insurance of the Works and Other Risk Items	1	Item			
				To Collection €		

	Description	Qty	Unit	Rate	€	c
A	3.4. Contractor's Indemnity	1	Item			
B	3.5. Employer's Indemnity	1	Item			
C	3.6. Public Liability and Employer's Liability insurances	1	Item			
D	3.7. Professional Indemnity Insurance	1	Item			
E	3.8. Existing Facilities and Use or Occupation by Employer	1	Item			
F	3.9. General Requirements Concerning Insurance	1	Item			
G	3.10 Limitation of Liability		each			
	4. MANAGEMENT					
H	4.1. Co-operation	1	Item			
J	4.2. Contractor's Representative and Supervisor	1	Item			
K	4.3. Employer's Representative	1	Item			
L	4.4. Employer's Representative's Communications	1	Item			
M	4.5. Instructions	1	Item			
N	4.6. Works Proposals	1	Item			
P	4.7. Required Contractor Submissions	1	Item			
Q	4.8. Not Used	1	Item			
R	4.9. Programme	1	Item			
S	4.10. Progress Reports	1	Item			
T	4.11. Notice and Time for Employer's Obligations	1	Item			
U	4.12. Documents	1	Item			
V	4.13. Contractor's Management	1	Item			
W	4.14. Communications	1	Item			
X	4.15. Meetings	1	Item			
Y	4.16. Confidentiality and Secrecy	1	Item			
Z	4.17. Contractor's Things Not to be Removed	1	Item			
AA	4.18. Contractor's Documents	1	Item			
				To Collection €		

	Description	Qty	Unit	Rate	€	c
	5. CONTRACTOR'S PERSONNEL					
A	5.1. Contractor's Personnel to carry out Contractor's Obligations	1	Item			
B	5.2. Qualifications and Competence	1	Item			
C	5.3. Pay and Conditions of Employment	1	Item			
D	5.4. Subcontractors and Specialists	1	Item			
E	5.5. Collateral Warranties	1	Item			
F	5.6. Removal of Workers	1	Item			
G	5.7. Weekly Labour Records	1	item			
H	5.8 Ancillary Certificates	1	item			
	6. PROPERTY					
J	6.1. Ownership of Works Items	1	Item			
K	6.2. Infringement of Property Rights	1	Item			
L	6.3. Works Requirements	1	Item			
M	6.4. Rights in Contractor's Documents	1	Item			
	7. THE SITE					
N	7.1. Lands Made Available for the Works	1	Item			
P	7.2. Trespassers	1	Item			
Q	7.3. Contractor Responsible for all Site Operations	1	Item			
R	7.4. Services for Employer's Facilities	1	Item			
S	7.5. Security and Safety of the Site and Nuisance	1	Item			
T	7.6. Other Contractors	1	Item			
U	7.7. Setting Out the Works	1	Item			
V	7.8. Archaeological Objects and Human Remains	1	Item			
W	7.9. Access and Facilities	1	Item			
X	7.10 Not used	1	Item			
Y	7.11 Not used	1	Item			
Z	7.12 Charges					
				To Collection €		

	Description	Qty	Unit	Rate	€	c
	8. QUALITY, TESTING AND DEFECTS					
A	8.1. Standards of Workmanship and Works Items	1	Item			
B	8.2. Quality Assurance	1	Item			
C	8.3. Inspection	1	Item			
D	8.4. Tests	1	Item			
E	8.5. Defects	1	Item			
F	8.6. Defects Period	1	Item			
G	8.7. Defects Certificate	1	Item			
	9. TIME AND COMPLETION					
H	9.1. Starting Date	1	Item			
J	9.2. Suspension	1	Item			
K	9.3. Delay and Extension of Time	1	Item			
L	9.4. Programme Contingency	1	Item			
M	9.5. Omissions and Reduction of Time	1	Item			
N	9.6. Substantial Completion	1	Item			
P	9.7. Not used	1	Item			
Q	9.8. Liquidated Damages	1	Item			
	10. CLAIMS AND ADJUSTMENTS					
R	10.1. Compensation Event	1	Item			
S	10.2. Contractor to Pay Employer's Cost of Checking Quantities	1	Item			
T	10.3. Contractor Claims	1	Item			
U	10.4. Proposed Instructions	1	Item			
V	10.5. Employer's Representative's Determination	1	Item			
W	10.6. Adjustments to the Contract Sum	1	Item			
X	10.7. Delay Cost	1	Item			
Y	10.8. Price Variation (not applicable)	1	Item			
Z	10.9. Employer's Claims	1	Item			
				To Collection €		

	Description	Qty	Unit	Rate	€	c
	11. PAYMENT					
A	11.1. Interim Payment	1	Item			
B	11.2. Unfixed Works Items	1	Item			
C	11.3. Retention	1	Item			
D	11.4. Full payment	1	Item			
E	11.5. Final Statement	1	Item			
F	11.6. Time for Payment and Interest	1	Item			
G	11.7. Value Added Tax	1	Item			
H	11.8. Withholding Tax	1	Item			
	12. TERMINATION					
J	12.1. Termination on Contractor Default	1	Item			
K	12.2. Consequences of Default Termination	1	Item			
L	12.3. Suspension by the Contractor	1	Item			
M	12.4. Termination by the Contractor	1	Item			
N	12.5. Termination at Employer's Election	1	Item			
P	12.6. Consequences of Termination by Contractor or at Employer's Election	1	Item			
Q	12.7. Survival	1	Item			
R	12.8. Payment	1	Item			
S	12.9. Reference to Conciliation	1	Item			
	13. DISPUTES					
T	13.1. Conciliation	1	Item			
U	13.2 Adjudication	1	item			
V	13.3. Arbitration	1	Item			
W	13.4. Jurisdiction	1	Item			
X	13.5. Agent for Service	1	Item			
Y	13.6. Continuing Obligations	1	Item			
				To Collection €		

	Description	Qty	Unit	Rate	€	c
	14. COVID-19 MANDATORY CLOSURE 49					
A	14.1 Covid-19 Definitions 49	1	Item			
B	14.2 Covid-19 General Provisions 49	1	Item			
C	14.3 Covid-19 Costs	1	Item			
	15 PRICE VARIATION					
D	15.1 Definitions	1	Item			
E	15.2 Contract Sum Adjustments	1	Item			
F	15.3 Proportions	1	Item			
G	15.4 Change in Law	1	Item			
H	15.5 Failure to Commence by the Start Date	1	Item			
J	15.6 Failure to Complete on Time	1	Item			
K	15.7 Excluded Amounts	1	Item			
L	15.8 Revisions to the Index Figures	1	Item			
M	15.9 Permitted Increases and Permitted Decreases for Material Categories and Fuel Categories	1	Item			
N	15.10 Adjustments for Labour	1	Item			
P	15.11 Efficiency	1	Item			
Q	Appendices to Clause 15	1	Item			
R	Appendix 1 Definitions	1	Item			
S	Appendix 2 Permitted Increases and Permitted Decreases for Materials and Fuel	1	Item			
T	Appendix 3 Labour	1	Item			
	SCHEDULE 1					
	Completed by Employer as Part of Tender Documents					
U	Schedule Part 1 of the conditions of contract has been completed and included in the accompanying Form of Tender document. The Contractor shall make all necessary allowances in his tender for the inclusion of all conditions as set out in Schedule 1	1	Item			

	Description	Qty	Unit	Rate	€	c
	SCHEDULE 2					
	To be Completed by Tenderer as Part of Tender Documents					
A	Schedule Part 2 of the conditions of contract has been included in the accompanying Form of Tender document. The Contractor shall complete as is necessary all of the relevant sections of Schedule 2 and ensure all relevant information is carried forward to the tender summary	1	Item			
	WATER, INSURANCES ETC.					
B	Provide a supply of clean fresh water for use on the works, pay all fees and charges in connection therewith and carry out any necessary temporary plumbing and storage required. Maintain for the duration of the works and carry out any necessary making good on completion	1	Item			
C	Effect and maintain Public Liability and Employers Liability Insurance against injury to persons and property as required by the Conditions of Contract	1	Item			
D	Effect and maintain All Risks Insurance in the joint names of the Contractor and the Employer for the full value of the works and ancillary items as required by the Conditions of Contract	1	Item			
	Provide for all costs in respect of all workmen for;-					
E	Insurance under Workmen's Compensation, Employers Liability, National Health, Unemployment, Conditions of Employment, Widows and Orphans Pensions and Fatal Accidents Acts and other Statutory Acts in force affecting the works at the date of tender	1	Item			
F	Pensions	1	Item			
G	Annual Public Holidays	1	Item			
H	Industrial Training Levies	1	Item			
J	Travelling time, expenses, fares and transport	1	Item			
K	Guaranteed time	1	Item			
L	Non- productive time and other expenses in connection with over-time	1	Item			
M	Incentive and bonus payments	1	Item			
				To Collection €		

	Description	Qty	Unit	Rate	€	c
	BUILDING CONTROL (AMENDMENT) REGULATIONS 2014					
	BUILDER (MAIN CONTRACTOR) OBLIGATIONS					
A	The Builder shall carry out the works in accordance with the contract documents and comply with all statutory requirements including inter alia The Building Control Act, The Building Control Regulations, The Building Regulations, The Safety, Health and Welfare at work (Construction) Regulations, and The Construction Products Regulations.	1	Item			
B	All the obligations of the Builder as set out in this document are deemed to form part of the works requirements/ building contract and are to be included in the Builders tender costs.	1	Item			
C	The Builder shall cooperate and coordinate with the Assigned Certifier through the Contract Administrator/ Employer Representative at all times and shall do the following during the course of the works:	1	Item			
	(a) accept from the Building Owner (the Employer as stated in the building contract) the assignment to build and supervise the building or works and provide/sign the "Undertaking by Builder", statutory forms identified in the commencement Notice;					
	(b) take careful note of the drawings, specifications and documents lodged with the Commencement Notice or as subsequently uploaded onto the on-line system as the works proceed;					
	(c) plan and agree the execution, Inspection milestones, sequence and programme of works with the Contract Administrator/ Employer Representative, & Assigned Certifier in advance of commencement of works;					
	(d) ensure Competent Person(s) are assigned to oversee the general constructionworks and/or specialist works. The specialist works and associated Assigned Certifiers which the Builder is responsible for are identified on a preliminary basis the Inspection Notification Framework issued at tender;					
	(e) co-operate at all times with the Contract Administrator/ Employer Representative, design team, the Assigned Certifier and other Ancillary Certifiers;					
	(f) ensure that the workmanship complies with the requirements of the Building Regulations;					

Description	Qty	Unit	Rate	€	c
(g) ensure that materials which they select and for which they are responsible comply with the requirements of the Building Regulations; (h) Ensure that all products incorporated into the works are properly CE Marked where required in accordance with the Construction Products Regulations 2013 (the CPR 2013). Contractor to ensure compliance with performance criteria specified under the CPR 2013 by the Architect (and others including Engineers, subcontractors etc). At all times contractor to make available on request copy of Declaration of Performance supplied by the Manufacturer for CE Marked products incorporated into the works. Where National Annex requires minimum standards under CPR 2013 Contractor is required to comply with these standards. [A list of these standards is available on http://www.nsai.ie/NSAI/files/b5/b5373a09-08d5-4e44-963b-1f86adc1a558.pdf] (i) provide written confirmations and supporting documentation at interim payment stages when requested to do so by the Contract Administrator /Employers Representative. (j) Issue a signed statutory form- Certificate of Compliance on Completion at handover in the required format (k) promptly provide to the Assigned Certifier, via the Contract Administrator/ Employer Representative, all documents requested by the Assigned Certifier to enable the Assigned Certifier to collate particulars for the purposes of handover and certification, and/or for further submissions to the Building Control Authority; (l) ensure the coordination and provision of all test certificates and confirmations to the Assigned Certifier via the Contract Administrator/ Employer Representative, to the satisfaction of the Assigned Certifier; (m) co-ordinate the work of all specialist sub-contractors and designers to ensure the coordination and provision of all test certificates and confirmations to the designated inspectors, or Ancillary Certifiers, who are required to provide Ancillary Completion Certificates, as identified by the Assigned Certifier at any stage during the project. A preliminary list of Ancillary Certifiers are scheduled above in section 2.7 above; (n) maintain progress records as required by the Architect ;					
			To Collection €		

Description	Qty	Unit	Rate	€	c
(o) comply with the detailed requirements of the Preliminary Inspection Plan and Inspection Notification Framework as issued at tender, and the detailed requirements of the updated Preliminary Inspection Plan and Inspection Notification Framework as coordinated and agreed with the Contract Administrator/ Employer Representativeand Assigned Certifier prior to the commencement of the works, and as amended during the course of the works; (p) provide/furnish Ancillary Completion Certificates to the Assigned Certifier via the Contract Administrator/ Employer Representative for specialist works with design, using the form of Ancillary Completion Certificate in the format required by the ancillary certifier for specialist subcontract work as identified in the Preliminary Inspection Plan and Inspection Notification Framework issued at tender and as amended during the course of the works, up to completion; (q) co-operate with the Assigned Certifier, through the Contract Administrator/ Employer Representative in the lodgement of supplementary documentation to the Building Control Authority during the course of the works; Incomplete design work or specialist design that is not available for submission at commencement stage can be submitted to the Building Control Authority at a later stage. Drawings and documentation for these designs should be submitted before the relevant work commences, using the form of Ancillary Design Certificate where appropriate. An Ancillary Completion Certificate needs to be issued when complete. A decision needs to be made by the Assigned Certifier whether to use this option. (r) Between 3-5 weeks in advance of a nominated completion date, provide all completed or prospective documentation and confirmations for which the Builder is responsible for, to the Assigned Certifier through the Contract Administrator/Employer Representative, to enable the Certificate of Compliance on Completion to be registered with the Building Control Authority in accordance with clause 20F(8) of SI 9 2014. (s) Afford the Assigned Certifier the same facilities as for the Clerk of Works under clause 12 of the contract.					
			To Collection €		

	Description	Qty	Unit	Rate	€	c
	STATUTORY BC(A)R ASSIGNMENT & CERTIFICATE FORMS					
A	In advance of the commencement of the works, in addition to and accompanying the Commencement Notice, there are 2 statutory assignments and 3 statutory certficates to be completed on-line using the Building Control Management System on-line system. The format for these are as per the Second Schedule, SI 9 2914. At completion, a 4th statutory certificate is completed on-line using the Building Control Management System on-line system. The format for this certificate is as per the Sixth Schedule, SI 9 2014.	1	Item			
B	The two assignments, A1 and A2 as follows are submitted with the Commencement Notice a min of 2 weeks and max of 4 weeks prior to the commencement of the works:	1	Item			
	A1) Notice of Assignment of Assigned Certifier (Notice of Assignment of Person to Inspect and Certify Works). This is completed by the Employer using the on-line Building Control Management System. A completed project copy should be included as an Appendix in the tender documentation.					
	A2) Notice of Assignment of Builder This is completed by the appointed Builder using the on-line Building Control					
	Management System. A blank project copy should be included, for the tendering contractors information, as an Appendix in the tender documentation.The Assigned Certifier must check to ensure that the appointed Builder promptly completes the on-line Notice of Assignment of Builder otherwise there will be a delay in submitting a valid Commencement Notice.					
	There are three statutory certificates F1, F2, F3 as follows to be submitted with the Commencement Notice a min of 2 weeks and max of 4 weeks prior to the commencement of the works:					
	F1) Design Certificate (Form of Certificate of Compliance-Design) This is completed by the Design Certifier (normally the Architect) and supported by Ancillary Design Certificates using the on-line Building Control Management System. A completed project copy should be included as an Appendix in the tender documentation.					
	F2) Undertaking by Assigned Certifier (Form of Certificate of Compliance) This is completed by the Assigned Certifier using the on-line Building Control Management System. A completed project copy should be included as an Appendix in the tender documentation.					
				To Collection €		

	Description	Qty	Unit	Rate	€	c
	F3) Undertaking by Builder (Form of Certificate of Compliance) This is completed by the appointed Builder using the on-line Building Control Management System. A blank project copy should be included, for the tendering contractors informati on, as an Appendix in the tender documentation. The Assigned Certifier must check to ensure that the appointed Builder promptly completes the on-line Undertaking by Builder otherwise there will be a delay in submitting a valid Commencement Notice.					
	The fourth statutory certificate, F4 is co-signed by the Assigned Certifier and Builder and submitted to the Building Control Authority at project completion.					
	F4) Certificate of Compliance on Completion. This is signed by both the Assigned Certifier and Builder using the on-line Building Control Management System. A blank project copy should be included, for the tendering contractors information, as an Appendix in the tender documentation.					
A	No works shall commence on site until a valid Commencement Notice, including all the associated uploaded documentation, has been submitted to, and successfully registered by the Building Control Management System.	1	Item			
	ANCILLARY CERTIFIERS & ANCILLARY COMPLETION CERTIFICATES					
B	The Builder shall co-coordinate the work of all specialist sub-contractors as listed in Section 2.7, to ensure the provision of all test certificates, Declarations of Performance back-up documentation and confirmations to the relevant Ancillary Certifiers or their designated inspectors.	1	Item			
C	The Builder shall coordinate the work of the Ancillary Certifiers identified in section 2.7 and ensure that Ancillary Completion Certificates are promptly provided when requested by Assigned Certifier via the Contract Administrator/ Employer Representative, for all specialist sub-contract works	1	Item			
D	Post Tender and prior to the issue of the Commnencement Notice and subsequently as the works proceed, the Builder shall coordinate the notification of inspections and records with the Assigned Certifier and the Ancillary Certifiers in accordance with the Inspection Notification Framework	1	Item			
				To Collection €		

	Description	Qty	Unit	Rate	€	c
A	The forms of Ancillary Completion Certificate to be used are to be as included in the Tender Documentation, or if not included, they must be in a form which is acceptable to the Architect.	1	Item			
	BUILDER (MAIN CONTRACTOR) AND SUB-CONTRACTOR SUPERVISION					
B	The Contractor shall ensure that there are at all times on the site sufficiently suitably qualified, experienced and competent staff to supervise all work carried out under the contract. The letter of invitation will outline if the tendering contractor is required to submit a Competency Assessment Statement as part of their tender submission, and further assessments for their sub-contractors where appointed during the course of the works. The Assigned Certifier may at any time during the course of the works, request through the Contract Administrator/ Employer Representative, to inspect the competency assessment of all sub-contractor appointments.	1	Item			
C	Supervision of the works shall be the responsibility of the Builder and where relevant, the Sub-Contractor(s). Provide competent supervision by experienced personnel familiar with current Standards and Codes of Practice and other requirements of this specification for all stages of the work.	1	Item			
D	Supervisors shall be provided both on and off the site that shall instruct the Sub-Contractor's tradesmen, and properly represent the Sub-Contractor in all matters related to progress, the technical specification for the works and quality of materials and workmanship.	1	Item			
E	Undertake all work with skill and care in order to produce work fit for its intended purpose and of good quality under the direct supervision of operatives with suitable training, experience and competence. Craftsmen shall undertake work requiring special skill. Do not permit apprentices to work unsupervised.	1	Item			
				To Collection €		

	Description	Qty	Unit	Rate	€	c
A	Prior to commencing the sub-contract installation, sub-contractors shall attend the necessary pre-installation meetings at the project site to review the materials, installation procedures, co-ordination with other trades, inspection protocols, builders and sub-contractors supervision, and requirements for progress and completion records.These meetings shall be organised by the builder and where requested by the Contract Administrator/ Employer Representative, facilitate the inclusion of the CA/ER, Assigned Certifier, Specialist Sub-Contractor, and Manufacturer's representatives, and any trade that requires co-ordination with the work. The Builder shall keep records of all such meetings to include attendees and a summary of the main issues. These records shall be made available to the Contract Administrator/ Employer Representative and Assigned Certifier upon request.	1	Item			
B	Before any work starts, the Sub-Contractor shall notify the Builder who shall confirm in writing to the Contract Administrator/ Employer Representative, the names of his appointed supervisors. No work of the Sub-Contractor shall be carried out unless one of the appointed supervisors is present at the place where the work is physically being carried out.	1	Item			
C	All work shall be carried out in accordance with the terms and requirements of the works requirements and approved submissions and samples.	1	Item			
D	The Architect or Assigned Certifier shall, if required, make random or periodic visits to suppliers premises to ensure that standards of manufacture and quality control are to their satisfaction.	1	Item			
	THE PRELIMINARY INSPECTION PLAN					
E	The Preliminary Inspection Plan is a statutory requirement in a format prepared by the Assigned Certifier that is has to be submitted to the Building Control Authority by the Employer with the Commencement Notice a minmum of 2 weeks and a maximum of 4 weeks in advance of the commencement of the works At project completion the Inspection Plan as implimented is submitted to the Building Control Authority.	1	Item			
F	It is the responsibility of the Builder to employ competent persons to supervise the works. The Preliminary Inspection Plan shall not in any way diminish the duty of the Builder to properly supervise, and any defective works, whether identified during or after the contract period, remain the sole responsibility of the Builder.	1	Item			
				To Collection €		

	Description	Qty	Unit	Rate	€	c
A	The Builder shall include with his tender submission a Method Statement as set out in this document, which will include his own Preliminary Inspection Plan indicating his own inspection and supervision regime.	1	Item			
B	The Builder shall submit a method statement at tender, for works under their control and remit, including the works of their sub-contractors. The method statement shall incude their own Preliminary Inspection Plan which will indicate their own inspection and supervision regime. This will form part of the Inspection regieme such that the Certificate of Compliance on Completion may be signed by both the Builder and Assigned Certifier. The Assigned Certifier and CA/ER shall not be under a duty to approve the Builder	1	Item			
C	A copy of the Preliminary Inspection Plan is included in the tender Information pack.	1	Item			
	INSPECTION NOTIFICATION FRAMEWORK					
	The Inspection Notification Framework identifies in detail and by trade/stage and critical milestone what the Assigned Certifier, Builder, and Ancillary Certifiers (designers, sub-contractors, suppliers, w/wo design) are required to inspect, when they are to inspect, and if records are required.					
D	The Builder shall have regard to the Inspection Notification Framework issued at tender with respect to programming of the works. The coordination and interface of the Inspection Notification Framework with the contractors programme shall be the responsibility by the Builder and forms part of the tender.	1	Item			
E	A copy of the Inspection Notification Framework is included in these tender documents. The tenderers are to include for all costs associated with carrying out/coordinating inspections, issuing of certificates and maintaining records for those elements of the works identified in the Inspection Schedule for which the Builder is responsible.	1	Item			
F	The Builder shall coordinate the inspections and provision of records of the Ancillary Certifiers for which he is responsible (listed in Section 2.7) in accordance with the inspection protocols and notifications set out in this document.	1	Item			
G	The Builder shall also at tender submit an associated method statement identifying on a preliminary basis how the requirements of the Inspection Notification Framework and Insection Protocols as set out in this document shall be met.	1	Item			
				To Collection €		

	Description	Qty	Unit	Rate	€	c
A	Project Specific Identified Risk Elements Project specific or particular inspection, documentation and record requirements need to be highlighted here refer to inspection Notification Framework Guidance Note	1	Item			
B	Project Specific Tests Requirements Project specific testing requirements relating to Inspection Notification Framework need to be highlighted here- refer to inspection Notification Framework Guidance Note.	1	Item			
	INSPECTION PROTOCOLS					
	The inspection requirements set out in this document do not in any way relieve, replace, or reduce the builders duty to supervise the works.					
	Coordination of the Inspection Plan, Notification Framework, Inspections Tests & Records					
C	In advance of the submission of the Commencement Notice, the appointed Builder shall meet with the Contract Administrator/ Employer Representative and the Assigned Certifier, and coordinate and update both the Preliminary Inspection Plan and the Inspection Notification Framework, with the builders own tender preliminary Inspection Plan and construction programme.	1	Item			
D	The Preliminary Inspection Plan shall be revised following this meeting showing the agreed notification, and inspection milestones. The revised Preliminary Inspection Plan shall be included with the Commencement Notice documentation to be submitted by the Assigned Certifier and Builder to the on-line Building Control Management System	1	Item			
E	The updated and revised Inspection Notification Framework shall be based on the preliminary inspection plan and will also be subject to continuing review and change as the works progress. Changing risk profile identified by the inspection regime may give rise to further changes in the Inspection Notification Framework.	1	Item			
F	The Builder shall program and ensure that all elements identified in the Preliminary Inspection Plan, as being available for inspection as per the Inspection Notification Framework are a) sufficiently complete, b)not concealed and c) are safely accessible.	1	Item			
G	The Builder shall facilitate random inspections by the Assigned Certifier or Ancillary Certifiers as if such inspections were identified in the Preliminary Inspection Plans and the Inspection Notification Framework.	1	Item			
				To Collection €		

	Description	Qty	Unit	Rate	€	c
A	The Builder shall provide to the Contract Administrator/ Employer Representative and the Assigned Certifier in a timely manner all certificates Declarations of Performance and tests for materials, products and assemblies as required by the Inspection Notification Framework and the tender documents.	1	Item			
	Advance Notice and Time for Inspections:					
B	Due consideration shall be given by the Builder for inspection notices as identified in the Inspection Notification Framework. No claims for extension of time or additional expense shall be considered due to delays arising out of the inspection or re-inspection requirements and protocols set out in this document.	1	Item			
C	The Builder shall ensure advance notifications are issued with respect to works to be inspected that are identified in the Inspection Notification Framework. The minimum advance notice required for inspection of items of works is 5 working days.	1	Item			
	Re-Inspections/Follow up inspections, Incomplete Work					
D	The minimum notice required for reinspection of items of works not complete or requiring remedial works shall be 3 working days.	1	Item			
E	The Assigned Certifier shall without delay notify the Builder through the Contract Administrator/ Employer Representative of any incomplete work at a given milestone identified in the Inspection Notification Framework	1	Item			
F	The Builder shall diligently ensure that any incomplete areas of given milestones are completed and that such works are kept available for inspection again, or until a record of completion is furnished, as may be required by the Assigned Certifier.	1	Item			
G	The Contract Administrator/ Employer Representative shall without delay notify the Builder of any area of non-compliance identified by the Assigned Certifier.	1	Item			
H	The Builder shall diligently ensure that any areas of non-compliance are rectified and that such works are kept available for inspection again, or until a record of rectification is furnished, as may be required by the Assigned Certifier.	1	Item			
				To Collection €		

	Description	Qty	Unit	Rate	€	c
A	The Builder shall ensure all tests and certificates for materials, components and assemblies listed in the Inspection Notification Framework or elsewhere in the tender documentation are undertaken in a timely way. Any test failure shall immediately be made known to the Contract Administrator/ Employer Representative, the materials/works in question shall be replaced/rectified and retested undertaken prior to proceeding with subsequent work.	1	Item			
B	It is the responsibility of the Builder to coordinate and supervise the works and no claim for delay or cost shall arise from the tender requirement to re-inspect incomplete or unacceptable work.	1	Item			
	Non-Conformance					
C	Non-Conformance of the materials and workmanship, with the tender drawings, specifications, and works requirements shall be dealt with as set out in the conditions of contract.	1	Item			
D	The Builder shall note that missed Inspections, for whatever reason, will ultimately be recorded as incomplete/missed inspections on the completed Preliminary Inspection Plan that is registered with the Building Control Authority at completion	1	Item			
	RECORD KEEPING					
E	The Builder shall maintain progress records and inspection records prepared by him, and the Ancillary Certifiers listed in these tender documents, for the duration of the works until completion. These records shall be prepared in a form acceptable to the Architect and shall at all times be up to date and available for review on site.	1	Item			
F	The Tenderers shall include in their tender costs for the provision of progress records as the works proceed. The friequency and timing of progress records shall be as per the Inspection Notification Framework issued at tender, the Builders programme, and as subsequetly agreed and coordinated with the Assigned Certifier.	1	Item			
G	Progress records as the works proceed shall be provided by the Builder by the following means:	1	Item			
H	Digital photographic progress records, Video via VCR, Video via mobile phone,	1	Item			
				To Collection €		

	Description	Qty	Unit	Rate	€	c
A	Promptly provide a copy to the Assigned Certifier of all progress records and inspection records prepared by the Builder and the Ancillary Certifiers listed if instructed to do so by the Contract Administrator/ Employer Representative.	1	Item			
B	At completion, upon instruction from the Contract Administrator/ Employer Representative, the Builder shall issue a digital/hardcopy copy of all records, prepared by the Builder and the Ancillary Certifiers listed, to the Assigned Certifier for their records.	1	Item			
C	The Builder shall also retain in his own central office all records prepared by the Builder and the Ancillary Certifiers listed for a minimum period of 6 years after the issue of the Final Certificate.	1	Item			
D	One hardcopy and/or softcopy of all records relevant to the InspectionPplan as implemented shall be issued 5 days in advance of the nominated completion date. If in softcopy format, these final records shall be provided by the Builder in the following format:	1	Item			
	CD & Coordinated with the Safety File					
E	The record should include evidence of the successful execution of the Builders method statement on supervision, including tests, ,Declarations of Performance check sheets, photographs and memos. All evidence shall be indexed by location and date.	1	Item			
F	Acceptance of such records shall not constitute approval or imply that their content has been examined by others.	1	Item			
	SUBSTANTIAL COMPLETION					
G	Substantial Completion (Practical Completion) for this contract in contingent upon the successful registration of the works on the Building Control Management System.	1	Item			
H	The Builder shall provide, 4/6 weeks in advance of the nominated completion date, all completed and/or prospective documentation and confirmations for which the Builder is responsible for, to the Assigned Certifier through the Contract Administrator/ Employer Representative, to enable the Certificate of Compliance on Completion to be registered with the Building Control Authority in accordance with clause 20F(8) of SI 9 2014.	1	Item			
				To Collection €		

	Description	Qty	Unit	Rate	€	c
A	The Assigned Certifier and the Builder shall co-sign the Completion Certificate, supported by all the Ancillary Design Certificates from other members of the design team and the Ancillary Completion Certificates from specialist sub-contractors for which the Completion Certificate is relying on.	1	Item			
B	The Builder shall assist and facilitate the Assigned Certifier to then lodge/upload the following onto the Building Control Authority system-	1	Item			
	a) The signed Completion Certificate, and					
	b) A schedule of the Ancillary Design Certificated and Ancillary Completion Certificates from other members of the design and construction team, and					
	c) Outline plans, specifications and particulars for any amendments from those submitted at commencement or during the course of the works, and					
	d) The Inspection Plan as implemented by the Assigned Certifier during the course of the works.					
C	Notwithstanding any statutory duty to retain same, in advance of project completion, the Builder shall issue to the Assigned Certifier a copy of all inspection records retained by the Builder during the course of the project.	1	item			
	THE SITE / EXISTING BUILDINGS					
	Location					
D	The sites are located at the existing school grounds of the existing schools. The site addresses is Bunscoil Rís, Castlemoyle, New Ross, Co Wexford; tenderer is to make reference to the Architects layout drawings in relation to location and site possession and restrictions and in a live school environment	1	Item			
E	Contractor to restrict their works and carry out the works in a phased manner as to not interfere with the operations of the existing school, Compound and site possession is as indicated on the Architects layouts. Contractor must liaise with the school principal / representatives to agree phasing and scheduling of deliveries and works as to not interfere with the school operations	1	Item			
F	Contractor / tenderer to ensure works, deliveries and all activities relating to the project to not interrupt or interfere with the school operations and the operations of the neighbouring school and neighbouring houses and construction site. All deliveries must be timed as not to clash with school drop off and collection times.	1	Item			
				To Collection €		

	Description	Qty	Unit	Rate	€	c
	Boundaries					
A	The site boundaries are delineated on the Architect's drawings and the Contractor shall confine his operations to the areas as marked.	1	Item			
	Position of the Works					
B	The position of the works is as shown on the Architect's site layout drawings.	1	Item			
	Services On and Over the Site					
C	There are existing services on and adjacent to the Sites. The Contractor will familiarise himself with all existing services and make allowances in his rates for working adjacent to and maintaining these live services until such time as they are re-routed/terminated as necessary.	1	Item			
	OBLIGATIONS AND RESTRICTIONS IMPOSED BY THE EMPLOYER					
	Items for convienence of pricing					
	Access to and Possession or use of the site					
D	The sites are located within a live school environment and access and possession to the site is as indicated on the Architects drawings	1	Item			
E	Contractor to restrict their works and carry out the works in a phased manner as to not interfere with the operations of the existing school, Compound and site possession is as indicated on the Architects layouts. Contractor must liaise with the school principal / representatives to agree phasing and scheduling of deliveries and works as to not interfere with the school operations	1	Item			
F	Contractor / tenderer to ensure works, deliveries and all activities relating to the project to not interrupt or interfere with the school operations and the operations of the neighbouring school and neighbouring houses and construction site. All deliveries must be timed as not to clash with school drop off and collection times.	1	Item			
G						
H	The contractor is to ensure the roads are reinstated as necessary to its original condition at the completion of the works	1	Item			
J	Provide for keeping the existing public access roads and paths free and safe for access at all times.	1	Item			
				To Collection €		

	Description	Qty	Unit	Rate	€	c
A	The contractor is to liaise with the neighbours and schedule works to suit their operations including out of hours works	1	Item			
B	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			
C	The sites must not be used for any purpose other than carrying out the works	1	Item			
D	Provide for cleaning up the Public Roads and the access to the sites on a daily basis	1	Item			
E	The contractor shall restrict his operations for the works within the confines set out in Architect's site plans. Any works to be carried out outside these confines can only be done so with the consent of the Employer's representative.	1	Item			
F	Provide for wheel washing facilities and general washing down all plant, trucks, machinery etc prior to exiting the confines of the sites; to ensure that no dust, excavated material, construction materials etc are deposited on the public roadways outside the site boundary.	1	Item			
G	Any spillage of excavated material, concrete or any other material on the public roadways, driveways shall be immediately removed	1	Item			
H	A programme of SITE CLEANLINESS shall be instituted by the Contractor and shall apply to all site personnel including sub-contractors and suppliers	1	Item			
	<u>Construction Management Plan</u>					
J	Construction of the development needs to be in accordance with a Construction Management Plan which shall be submitted to and agreed with the Local Authority prior to works commencing. The Plan shall outline the proposed management of the works including construction practice, noise management and waste disposal.	1	item			
				To Collection €		

	Description	Qty	Unit	Rate	€	c
	Asbestos Removal Works					
A	All work involving materials containing asbestos requires a written risk assessment and a plan of work to be prepared by a competent person as per the Safety, Health and Welfare at work (exposure to asbestos) Regulations 2006/2010. Under these regulations, a preliminary health and safety plan must be drawn up by the project supervisor for the design stage (PSDP) on all asbestos removal projects. Refer to Preliminary S&H Plan and Asbestos report/survey.	1	item			
	Limitations of working hours					
B	The Contractor will be responsible for determining working hours required to meet the programme, taking account of his duty to avoid nuisance or disturbance to occupants. Working hours will be in accordance with planning permission	1	Item			
	Limitations of working space					
C	The contractor will shall confine his operations within the limits of the builder's compound/ access routes shown on the Architect's site plan	1	Item			
	Temporary Name Boards and Advertising Rights					
D	Advertisements shall not be displayed on the site without the consent of the Architect	1	Item			
	Maintenance of Existing Live Services					
E	Provide for protecting and maintaining all services on or over the sites	1	Item			
	Programme of Works					
F	Provide a detailed realistic programme for the works to permit effective monitoring of the works by the Employers Representative. The programme shall contain the following	1	Item			
	- methods by which the contractor proposes to execute the works complying with all phasing as set out on the Architect's drawings					
	- details of the critical path for the works					
	- details of samples to be prepared and timeframe for same					
	- the order and times in which the works will be executed					

To Collection €

	Description	Qty	Unit	Rate	€	c
	- handover of O&M manuals to the client					
A	Allow reasonable times for the Employer and Employer's Representative to comply with their obligations	1	Item			
B	This programme must be submitted prior to the placing of the contract and will reflect the programme submitted with the overall tender. Provide the fully contract compliant programme before the start date	1	Item			
C	Submission of this programme will not relieve the contractor of his obligations to notify and apply in writing for instruction, as required by the Conditions of Contract	1	Item			
	Programme, Copies to the Employer's Representative					
D	Provide 2nr paper copies and electronically (PDF Format) of the programme for the Employer's representative within one week of the date of the issue of the Letter of acceptance. Keep one further copy available for inspection in the site office	1	Item			
	Programme, Updating					
E	Provide for the cost of all reviews and updates of the programme when the most recent version submitted does not correspond with actual or reasonably projected progress or the Contractor's obligations and when so directed by the Employer's Representative. Provide two hard copies and one digital copy of the revised and updated programme to the Employer's representative	1	Item			
	Progress Reports					
F	Provide an up-to-date progress report at least two working days before the site meeting. The report shall include a progress statement by reference to the master programme for the works, details of any matters materially affecting the regular progress of the works, specialist sub-contractors' and suppliers' progress report and any requirements for further drawings or details or instructions	1	Item			
G	The Contractor is required to take photographs of the site at a minimum of five agreed locations on a weekly basis and issue these photos with the progress report. The Contractor is required to take two photos at each of the five locations. All photos should be in digital format.	1	Item			
	Progress Meetings					
H	The contractor and his management team shall be available for fortnightly progress meetings with the ER and Client Team.					

	Description	Qty	Unit	Rate	€	c
	Contractors use of Permanent Heating Systems					
	Use of newly constructed systems					
A	When the permanent heating installation is complete, tested and ready for operation, the Architect may grant to the Contractor permission for the use of the permanent heating installation to dry and control the humidity of the works; the contractor shall meet all costs in connection with the use of the permanent heating installation for such purposes including insurance, fuel supplied and current consumed and shall accept liability for damage, disturbance, wear and tear however arising from such use, and the maintenance, reinstatement and making good to the satisfaction of the architect; should the contractor elect to use the permanent installation for the purpose described above this shall not affect nor diminish his responsibility to maintain suitable temperature and humidity levels	1	Item			
	Specification					
	Trade Names					
B	Where trade names are specified the contractor may, with the prior approval of the Employers Representative, provide an alternative which meets the same specification and provides the same quality warranties as that specified. (See samples required on Architect's Drawings and Specification).	1	Item			
	GENERAL FACILITIES AND OBLIGATIONS					
	Supervision and co-ordination of the Works					
C	provide sufficient and competent staff for all on and off site supervision and co-ordination for the proper execution of the Works	1	Item			
	Items for Convenience of Pricing					
	Plant Tools and Vehicles					
D	Provide all plant, tools, vehicles, moulds, profiles and other apparatus for the use of domestic trades for the proper execution of the works	1	Item			
E	Bringing to site and removing on completion	1	Item			
F	Maintaining on site for the duration of the works	1	Item			
	Scaffolding					
G	Provide and maintain all general scaffolding for the works	1	Item			

	Description	Qty	Unit	Rate	€	c
A	Refer to Architects drawings for scaffolding zones in particular to neighbouring properties	1	Item			
	Hoarding					
B	Refer to Architects drawing for hoarding to sites; 2.4m high ; with reflective strips	1	Item			
	Site Administration and Security					
C	Allow for all on and off site management costs including the following:	1	Item			
	- full time supervision on all Contractor's on site activities					
	- Contractor's Representative with full authority to act on behalf of the Contractor					
D	Allow for holding site meetings when required by the Architect; attend site meetings and arrange for attendance of Sub-Contractors when required	1	Item			
E	Provide all watching, protective lighting, barriers, fencing and everything else necessary to safeguard the works (including materials and plant) against damage and theft	1	Item			
	Transport for workpeople					
F	Provide all necessary transport to and from site as required	1	Item			
	Protecting the Works from Inclement Weather					
G	Provide for covering and protecting the works and materials as necessary against inclement weather and for making good any damage occasioned thereby.	1	Item			
	Water for the Works					
H	Provide clean water for the Works including the works of all Sub-Contractors, from temporary connections, provide services for distribution about the site and storage and pay all fees and charges in connection therewith	1	Item			
	Lighting and Power for the Works					
J	Provide all necessary temporary lighting and electric power required for the Works including the works of all Sub-Contractors and install all temporary wiring for distribution about the site, fittings, meters, etc. and defray the cost of all current consumed and pay all fees and charges in connection therewith	1	Item			
				To Collection €		

	Description	Qty	Unit	Rate	€	c
	Temporary Roads, Hardstandings, Crossings etc.					
A	Provide and maintain temporary roads, entrances and hardstandings complete with adequate temporary drainage on and adjacent to the site as necessary for the execution of the Works including the works of all Sub-Contractors, reinstate the ground on completion to the original standard. Obtain sanction for, provide and maintain temporary cross overs to public footpaths, light same if and when required and pay all fees and charges in connection therewith	1	Item			
	Temporary Accommodation for use of the Contractor					
B	Provide suitable temporary sheds, offices, including accomodation for site meetings for approximately 15 people, mess rooms, sanitary accommodation and other buildings required for the use of the contractor. Supply electricity for heating and lighting and keep the accommodation clean during progress of the Works.	1	item			
	Temporary accommodation for use of the Employer					
C	Provide suitable temporary office for site meetings with tables and chairs, heat and light	1	Item			
	Temporary Computer, Internet Access & A1 Printing Facilities for use of the Contractor					
D	The contractor shall provide a computer with high speed internet access for his own use and shall pay all fees and charges in connection therewith	1	Item			
E	The contractor shall provide an A1 printer capable of printing construction drawings for his own use	1	Item			
	Temporary propping					
F	The contractor shall allow for all necessary temporary propping for the works; including all necessary temporary works / propping design	1	Item			
	Traffic Regulations					
G	The contractor shall acquaint himself with all traffic regulations affecting the Works and shall comply therewith and shall be responsible for the observance of this condition by his Sub-Contractors	1	Item			
H	Provide for all necessary County Council licenses required for the completion of the works.	1	Item			
				To Collection €		

	Description	Qty	Unit	Rate	€	c
	Safety, Health and Welfare of Work People					
A	The Contractor shall include for complying in full with the Safety, Health and Welfare at work Act, 2005 and the Safety, Health and Welfare at Work (Construction) Regulations 2013	1	Item			
B	The Contractor shall include for complying in full with the Safety, Health and Welfare at work Act and Regulations current at the date of tender	1	Item			
C	The Contractor shall be appointed by the client under a collateral agreement to the main contract as Project Supervisor for the Construction Stage in respect of the project pursuant to the 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			
D	The Contractor shall include for the Project Supervisor for the Construction Stage giving notice to the National Authority for Occupational Safety and Health prior to the commencement of work on site in accordance with the First Schedule of the Safety, Health and Welfare at Work (Construction) Regulations, 2006	1	Item			
E	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 particularly 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			
F	Provide for employing a suitable qualified engineer as required under the Safety, Health and Welfare at Work (Construction) Regulations	1	Item			
G	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 landscaping envisaged for the construction process and further, the main contractor shall employ a suitable qualified site engineer; both shall liase with each other and the Project Supervisor, all in accordance with the HSA guidelines to Safety, Health and Welfare at work (Construction) Regulations 2006	1	Item			
				To Collection €		

	Description	Qty	Unit	Rate	€	c
A	The Contractor shall include for Procuring the Insurance cover required to be obtained and maintained by the Contractor pursuant to clause 3 of the main contract and shall provide indemnity in respect for any claim for bodily injury or property damage which the contract may incur by reason of the performance of the functions and duties of the Project Supervisor for the Construction Stage of the project	1	Item			
B	The Contractor shall include for providing all necessary information as requested by the Project Supervisor for the Construction Stage to enable the preparation and completion of the Safety File excluding drawings and specifications which shall be provided by the appropriate member of the design team	1	Item			
C	The Contractor shall include for providing assistance to the appropriate member of the Design Team in collating the latest issue of construction drawings for inclusion in the Safety File	1	Item			
D	The Contractor's tender shall cover all their obligations under Working Rule agreements within the industry	1	Item			
E	The Contractor shall include for any costs associated with the Project Supervisor for the design stage's Preliminary Health and Safety Plan	1	Item			
F	The Contractor shall at once dismiss from the Works any person employed by him found bringing or leaving upon the site or the premises spirituous liquors, explosives, weapons or any tools, implements, or material capable of use as such except for the Contractors legitimate purpose. The Contractor shall at once dismiss from the Works any person employed by him on the Works, who shall, in the opinion of the Architect, misconduct himself or be incompetent. He shall produce such evidence as the Architect shall require as to the fitness of any person so employed for this work. The Contractor shall keep all work people, including those employed by Sub-Contractors, within bounds	1	Item			
G	The Contractor shall include for the following Safety and Health items; safe pass and its operations, safety officers and other competent safety personnel, tests and certificates for plant and equipment, safety signs, provision for protective clothing and personal protective equipment , emergency plans, energy distribution installations, temporary fire detection, maintain conditions, site traffic routes, first aid	1	Item			
				To Collection €		

	Description	Qty	Unit	Rate	€	c
A	The Contractor should in respect of all person and site activities provide for and ensure compliance with all Safety, Health and Welfare legislation in connection with the works	1	Item			
	Disbursements Arising from the Employment of Work People					
B	Provide for all labour insurance and other costs arising from the employment of work people	1	Item			
	Maintenance of Roads, Pavings and Grassed areas					
C	Provide for maintaining and making good damage,if any, to roads, paths, services and other property, public or private caused by or attributed in any way to the cartage of plant , materials or personnel, or the execution of the Works by either the Contractor or any Sub-Contractor and for indemnifying the Employer against loss, damage, claim or proceedings by any local authority, statutory undertaking, or others	1	Item			
D	Ensure existing paths and paving are protected and not damaged; any damaged caused to be repaired at the contractor expense	1	Item			
E	Ensure existing grassed areas are protected and not damaged, any damaged caused to be repaired at the contractors expense.					
	Work beyond the boundary of the site / works to entrance roads					
F	Provide where work is described as being beyond the boundary of the site or the public highway, for adequate watching and lighting, traffic management and signalling, temporary barricades, walking platforms and warning notices sufficient to ensure the safety of all persons, and removing same on completion, giving notice to the Local Authority, paying their fees and charges and carrying out the work to their satisfaction	1	Item			
	Adjoining properties condition					
G	Prior to commencing works, the Contractor is to undertake a survey of the external condition of propeties and boundaries adjoining the site and take whatever record are necessary (photographic survey etc.). This is to be used as a basis for signing off on the condition of these buildings and properties on completion of the contract	1	Item			
				To Collection €		

	Description	Qty	Unit	Rate	€	c
	Existing services					
A	Provide also for maintaining in working order all services, conducting, telephone cables etc. and for making good any damage occasioned thereto by reason of these works to the satisfaction of the Authority concerned	1	Item			
	Removing Rubbish, Protective Casings and Cleaning					
B	Provide for all costs associated with complying with on site management statuary requirements	1	Item			
C	Provide for removing from the site from time to time as necessary and on completion of the Works all rubbish, debris, surplus materials, protective casings, etc. and also on completion clean the Works internally and externally to the satisfaction of the Architect	1	Item			
D	The Contractor should also allow for keeping the existing roads and paths clear of mud and builders rubbish, etc. including washing down from time to time as may be necessary to the entire satisfaction of the Architect	1	Item			
	Out of sequence works					
E	Provide for any costs arising from complying with the programme and phasing requirements which are not included elsewhere	1	Item			
F	Works to be phased to not interfere with the operations of the existing school	1	Item			
	Drying the Works					
G	Provide and maintain the necessary equipment, fuel and attendance for drying and controlling the humidity of the works	1	Item			
	Temporary Fencing, Hoardings, Screens, Gantries etc. (ref. Architect's and Engineer's drawings)					
H	Provide and maintain all temporary fencing, hoardings, fans, planked footings, guard rails, gantries and the like as may be necessary for protecting the public, for the proper execution of the Works and for meeting the requirements of any local or other authority, including all necessary lighting	1	Item			
J	Provide for sound secure fence in accordance with the Architect's Specification to secure the contractor's compound from the existing public roads/paths, etc, including checking the integrity of the fence daily.	1	Item			
				To Collection €		

	Description	Qty	Unit	Rate	€	c
A	Provide all temporary fencing, hoarding, protective screens required to carry out the works in a phased manner to ensure no interference with the school operation or the neighbouring school and neighbours	1	Item			
	Control of Noise and Pollution					
B	Provide for taking all precautions necessary to prevent nuisance from noise, smoke, dust, rubbish, water or any other cause	1	Item			
C	Account should be for the fact that the works are been carried out next to an existing school	1	Item			
	Protection of the Works					
D	Allow for protecting all the Works in bringing the Works to completion including the works of all sub-contractors	1	Item			
	Protection of existing building, structures, finsihes, etc					
E	Allow for pretecting of all existing finishes, structures, fixtures, fittings, external finishes and structures during the works; any damage to be repaired at the contractors expense	1	Item			
	Samples					
F	The Contractor shall, at his own expense, provide and deliver samples of products, finishes and materials to the Architect's office for approval by the Design Team or at the offices of an approved testing authority as may be directed within the agreed timeframe. Samples sections of Stonework and Brickwork cleaning, repair etc will be required as set out in the Architects drawings and specification.	1	Item			
G	The Contractor shall, at his own expense, provide temporary sample panels and maintain on site for the approval of the Employers Representative	1	Item			
	Please note the following:					
H	Copy of this schedule to be submitted along with the Contractor's Master Programme prior to start on site. Proposed dates for presentation of samples to be completed.	1	Item			
J	Sample schedule to be updated and submitted fortnightly with Contractor's progress Report.	1	Item			
K	Alternative proposals/samples will not be considered until all information specified is submitted.	1	Item			
				To Collection €		

	Description	Qty	Unit	Rate	€	c
A	Minimum 10 working days to be allowed in programme for issue of a) Comments and b) Approval of Final/Complete Samples i.e. total of 20 working days.	1	Item			
B	Approvals may be authorised by the Employers Representative only.	1	Item			
C	All samples are to be mounted on site independent of the Works unless specifically permitted	1	Item			
D	Samples are to be retained on site for the duration of the Works and are to be available for reference to all relevant construction workers, management, ER, Client and design team. Protection to be provided to prevent water or mechanical damage. Samples to be kept clean.	1	Item			
E	Any costs incurred for work carried out or materials procured without the scheduled approvals is at the Contractor's expense.	1	Item			
F	All samples to be labelled with Manufacturer name, product name, Ref, and colour.	1	Item			
	Defects Liability					
G	Provide for maintaining the Works in perfect condition for 12 months after the issue of the Architect's Certificate of Practical Completion in accordance with the Conditions of Contract; any work exhibiting the defects during this period shall be made good by the Contractor at his own expense prior to the issue of the Final Certificate	1	Item			
	Project Board					
H	Provide for making, erecting, maintaining and removing on completion of work plywood project board size 2400 x 1200 x 19mm thick; gloss paint finish; designed to architects approval; including necessary podium and supports - 1 No project board	1	Item			
J	Provide for making, erecting, maintaining, plywood project board incorporating the names of the project, the Contractor, Sub-Contractors, and Design Team Consultants; set board posts in concrete bases; removal on completion	1	Item			
	Tests					
K	Provide all apparatus, materials and transport required for testing in accordance with the Architects and Engineers specification and include for all the costs associated with same	1	Item			
				To Collection €		

	Description	Qty	Unit	Rate	€	c
	CONTROL OF COST					
	Valuations					
A	Submit when applicable, up to date detailed claims and supporting documentation under the following items with each detailed interim account					
	(i)^^^Work properly executed		Note			
	(ii)^^Unfixed Works items if so provided by this Pricing Document		Note			
	(iii)^Price variation clause		Note			
	(iv)^^All claims for compensation events which the contractor deems that he is entitled to		Note			
	Notices, Generally					
B	Give early notice to the Employer's representative before pouring reinforced concrete, laying roofing membrane and otherwise proceeding with work that will cover and conceal work, to afford him an opportunity of investigating, inspecting or testing the work. Approvals given will not relieve the Contractor from full responsibility for the quality of the work throughout. Give reasonable notice to the Quantity Surveyor before covering up work which the Contractor or the Employer's Representative requires to be measured	1	Item			
C	Programming the submission of samples to suit the master programme and in compliance with the requirements listed on the Architects Schedule of samples Volume A - Architects Specification					
	Notice, Compensation Events					
D	Give notice to the Employer's Representative where he has directed the value of work required as a result of a compensation event is to be determined on the basis of costs of performing the work of the commencement and completion of any work for which the Contractor intends or had been directed to submit supporting evidence in accordance with the Conditions of Contract	1	Item			

	Description	Qty	Unit	Rate	€	c
	Compensation Events					
A	Compensation Events determined on a cost basis as determined under the Conditions of Contract will be accepted as a basis for valuing work only when the Employer's Representative has issued written instructions to the Contractor to that effect. The contractor shall submit to the Employer's Representative with each claim supporting evidence as directed which shall be supported by vouchers for the work certified by the Employer's Representative. Such endorsement shall be deemed to certify only that the labour, materials and plant used are correct	1	Item			
	Compensation Events (Vouchers)					
B	During the execution of compensation events to be valued on the basis of costs of performing the work, give to the Employer's Representative at or before the end of the week following that in which the work has been executed, vouchers in support of applications for payment under the Conditions of Contract. These vouchers shall give: Description of the work done. Operative's names and trade. Quantities of materials used, prices of materials used including invoices and receipts Details of plant used	1	Item			
	Notices; delay, delay events and compensation events					
C	Give notice in strict accordance with the contract conditions of all delays, delay events giving entitlement to being offset against the programme contingency and/or an extension of time and events to which the contractor believes he has entitlement to be paid compensation to under the contract	1	Item			
	Completion, Maintenance Instructions					
D	Give to the Employer' Representative at Substantial Completion two copies of all Contractor's documents required including manufacturers' suppliers' or specialist sub-Contractors' maintenance instructions, all tests and all collateral warranties required under the contract	1	Item			
	PHASING					
	Items for the Convenience of Pricing					
	Phasing of the works					
E	The works areas have been measured separately as a single build, no allowance has been included in the measure for the phasing.		Note			

	Description	Qty	Unit	Rate	€	c
A	Allow for all works associated with the phasing of the works including additional hoarding, fencing, accomodation and all works associated with same.	1	Item			
B	Allow for providing safe temporary access to the building entrances and all gates, fencing and signage associated with same.	1	Item			
C	Allow for the works to be carried out in a phased manner as not to interfere with the school operations	1	Item			
	OPERATION / MAINTENANCE OF THE FINISHED WORKS					
	SAFETY FILE					
	Provide information about the structure or materials used, which might affect the health or safety of anyone if construction works, (including cleaning, maintenance, alterations, refurbishment and demolition) is carried out					
	Obtain or prepare the following and submit to the Project Supervisor Design Process:					
D	Construction drawings, specification and pricing documents used and produced throughout the construction process for all design work the Contractor is responsible for.	1	Item			
	INFORMATION FOR COMMISSIONING OF SERVICES					
	General					
E	Submit relevant drawings and preliminary performance data to enable the building user's staff to familiarise themselves with the installation, at the commencement of commissioning.	1	Item			
	TRAINING					
	Generally					
F	Before completion, explain and demonstrate to the Employer's maintenance staff the purpose, function and operation of the installations including items and procedures listed in the Safety File.	1	Item			
G	Digital Safety File to Specification	1	Item			
				To Collection €		

	Description	Qty	Unit	Rate	€	c
	PREAMBLES					
	Preambles					
A	Tenderer to include for all items as indicated in the Architects preambles	1	Item			
				To Collection €		

Description	Qty	Unit	Rate	€	c
COLLECTION					
Page No. A/1					
Page No. A/2					
Page No. A/3					
Page No. A/4					
Page No. A/5					
Page No. A/6					
Page No. A/7					
Page No. A/8					
Page No. A/9					
Page No. A/10					
Page No. A/11					
Page No. A/12					
Page No. A/13					
Page No. A/14					
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Page No. A/16					
Page No. A/17					
Page No. A/18					
Page No. A/19					
Page No. A/20					
Page No. A/21					
Page No. A/22					
Page No. A/23					

Description	Qty	Unit	Rate	€	c
COLLECTION					
Page No. A/24					
Page No. A/25					
Page No. A/26					
Page No. A/27					
Page No. A/28					
Page No. A/29					
Page No. A/30					
Page No. A/31					
Page No. A/32					
Page No. A/33					
Page No. A/34					
Page No. A/35					
Page No. A/36					
Page No. A/37					
Page No. A/38					
Page No. A/39					
(06) PRELIMINARIES Carried to Summary					

	Description	Qty	Unit	Rate	€	c
	(19) SUBSTRUCTURE					
	NOTES					
A	Where formwork has not been measured to the sides of foundations. Tendering Contractors are to include within rates below an allowance (if any) for formwork or over-spill of concrete as they may deem necessary.		note			
B	the Contractor is to make sure that all the concrete used in the development is to be low carbon as per Engineer Specifications.					
	EXCAVATION & EARTHWORKS					
	Excavation					
	Excavation; from reduced level					
	Foundation trenches [strip foundations]					
C	< 2.00m deep:	178	m3			
	Foundation pads					
D	< 2.00m deep:	12	m3			
	Floors					
E	< 2.00m deep:	338	m3			
	Disposal					
	Water					
F	Surface	1	item			
G	Ground	1	item			
	Excavated material					
H	off site	265	m3			
	Filling; T1 perm 0-32mm compacted structural unbound granular fill to EN IS 13242 and Annex E SR 21: 2014 and A1:2016, laid and compacted in 225mm layers; all in accordance with Engineers specification					
	To make up levels					
J	average thickness >250mm	90	m3			
K	average thickness >250mm; between ground beams	23	m3			

	Description	Qty	Unit	Rate	€	c
	Filling; T2 perm 0-32mm compacted structural unbound granular fill to EN IS 13242 and Annex E SR 21: 2014 and A1:2016, laid and compacted in 225mm layers; all in accordance with Engineers specification					
	To make up levels					
A	average thickness >250mm	90	m3			
B	average thickness >250mm; between ground beams	23	m3			
	Blinding; to filling with T3 Blind aggregate blinding to annex E S.R. 21; all in accordance with Engineers specification					
	Surface treatments					
C	50mm thick	523	m2			
	CONCRETE WORK					
	In-Situ Concrete					
	Blinding					
	Plain in-situ concrete; lean mix concrete Grade C12/15N/mm2; as per Engineers Drawings and Specifications					
D	poured on and against earth or unblinded hardcore; under foundations/ground beams	11	m3			
	Strip foundations					
	Reinforced in-situ concrete; grade C30/37; as per Engineers Drawings and Specifications					
E	generally	61	m3			
	Slabs					
	Reinforced in-situ concrete; grade C30/37; as per Engineers Drawings and Specifications					
	Floor Slab; as per Engineers Drawings and Specifications					
F	>150mm thick; 150mm thick	68	m3			
				To Collection €		

	Description	Qty	Unit	Rate	€	c
	Sundries					
	Designed Joints; as per Engineers Drawings and Specifications					
A	SCJ: Sawcut 30mm DP x 6mm WD and fill with thioflex 600 sealant by fosroc-expandite or similar approved	161	m			
	Surface Finishes					
	Powerfloating; concrete slab					
B	> 300mm wide	450	m2			
	Labours					
	Forming holes, recesses and the like					
	Forming holes for services including all seal and sealants .To Architect and Engineer drawings, specifications and approval.					
C	in ground beam and rising walls: generally	1	item			
D	in ground slabs	1	item			
E	in floor screed	1	item			
	Reinforcement					
	Bar					
	straight or bent; nominal size as described; to selected corners of floor slab					
	<10mm diameter					
F	in Floor Slab	0.01	tonne			
	Fabric; to BS 4483; hard drawn mild steel wire to BS 4482; lapped as indicated (no allowance in measurement for laps)					
	Reference A393					
G	horizontal; to foundations	203	m2			
	Reference A393					
H	horizontal; to floor slab	450	m2			

	Description	Qty	Unit	Rate	€	c
	Precast Concrete/Composite Construction/Stone Faced Concrete Panels					
	Threshold unit; cast insitu concrete; concrete base sunk 13mm below FFL or as per required by door manufacturer to comply with TGD part M; include 80 x 80 x 6mm RSA galvanized angle support bolted to concrete slab to extend 50mm beyond door ope either side to support door fixed with M12 fixings at 450mm centres; include transition unit as required; include for 150mm x 290mm high insulation and dpc; all in strict accordance with Architects Detail Drawing					
	Door threshold					
A	1100mm long	2	nr			
B	2200mm long	4	nr			
C	4700mm long	2	nr			
	BRICKWORK & BLOCKWORK					
	Brickwork / Blockwork					
	Walls in trenches					
	Standard quality solid concrete blocks to IS 20; Grade 7.5N; in cement mortar (1:3)					
D	440mm thick	92	m2			
E	215mm thick	39	m2			
	extra over: 13N Thermal Block					
	Quinnlite/roadstone thermal blocks or similar approved to rising walls					
F	100mm thick	21	m2			
G	215mm thick	103	m2			
	Labours					
H	on blockwork	1	Item			
	Bonding to other work					
J	junction with existing building.To Architect and Engineer drawings and specifications	2	m			

	Description	Qty	Unit	Rate	€	c
	Sundries					
	forming openings					
A	Contractor to allow for forming opes for service in rising wall for all services included making good and sealing to Architect and Engineer drawings and specifications	1	item			
B	Contractor to allow for forming free airways in all internal rising walls in accordance with Sumps manufacturers directions. Refer to Architect drawings	1	item			
	ROOFING, CLADDING AND WATERPROOFING					
	Mastic Asphalt, Waterproof & Gas Proof Non-Metal Flexible Sheet Coverings					
	Approved radon resisting membrane laid in accordance with manufacturers instructions on 50mm sand blinding (measured elsewhere)					
	Horizontal					
C	> 300mm wide	450	m2			
D	< 300mm wide ; to walls	474	m			
E	Extra; sealing around pipe penetrations or the like;	13	item			
	Vertical					
F	< 300mm wide; to walls	474	m			
G	Extra; sealing around pipe penetrations or the like;	1	item			
	WOODWORK: Insulation, Ironmongery, Accessories and Sundries					
	Insulation					
	Rigid floor insulation; insulation to attain a certified thermal conductivity of 0.022W/M2k; as per Architect's specification					
	Horizontal					
H	150mm thick	450	m2			
	Vertical					
J	30mm pre-formed perimeter strips to floor slab	360	m			

	Description	Qty	Unit	Rate	€	c
	Sundries					
	Airseals					
	Proprietary Air-tightness taping; between floors and walls; gap between skirting board and floor; supplied & fixed in strict accordance with the manufacturers instructions					
A	to edge of floor slab at external perimeter walls	360	m			
	MECHANICAL INSTALLATIONS:					
	Sundries & Builders Work					
	Radon vent pipe; approved uPVC pipes and fittings; laid in elsewhere measured hardcore filling, allow for forming & making good sinking					
	Radon gas protection					
B	110mm diameter radon pipe	16	m			
C	Extra; proprietary radon sumps	3	nr			
D	Extra; 110mm, terminating in footpath, galvanised recessed cover with elsewhere measured brick paving built in	3	nr			
	DRAINAGE					
	Below Ground (Drainage Beneath Floor Slab)					
	Excavating trenches to receive pipes; starting at new hardcore bed level; 10mm granular material bed and surround to pipe; backfilling above covering to pipes with clause 804 filling; removal of surplus excavated material off site					
	Excavating trenches to receive pipes; not exceeding 250mm nominal diameter					
E	500mm - 1000mm deep	48	m			
	Beds and surrounds					
F	10mm granular material bed and surround to pipe	48	m			
	Pipes; uPVC pipes and fittings; push ring joints in the running lengths					
	Pipework; laid in trenches					
G	100mm nominal size	48	m			

	Description	Qty	Unit	Rate	€	c
A	Extra; bends	13	nr			
	Pipe accessories; Stainless steel; include for all excavation; removal of surplus excavated material off site ; jointing to pipes in accordance with the manufacturers instructions					
	Gully					
B	Stainless steel trapped gully with grating to shower wet room	1	no			

Description	Qty	Unit	Rate	€	c
COLLECTION					
Page No. B/1					
Page No. B/2					
Page No. B/3					
Page No. B/4					
Page No. B/5					
Page No. B/6					
Page No. B/7					
(19) SUBSTRUCTURE Carried to Summary					

	Description	Qty	Unit	Rate	€	c
	(21) EXTERNAL WALLS					
	NOTES					
	1.This element has been measured from the relevant Architect's Drawings together with Engineers Drawings					
	2. For blockwork, please refer to the relevant sections of the Architect's & Engineers Specification					
	3. The Tenderer shall provide to the Architects samples of all proposed finishes prior to ordering and shall be deemed to have included for such samples within the unit rates. Samples to be provided by one of each of the designated items as part of the quantity required for the project.					
	4. All cutting, labours and waste are deemed to be included within the rates					
	Notes on compliance with ARM5					
A	Notwithstanding the provision of ARM5, cills have been measured as composite items		note			
B	Notwithstanding the provision of ARM5, wall ties in forming cavities is included as an item		note			
	CONCRETE WORK: Precast Concrete / Composite Construction / Stone Faced Concrete Panels					
	Lintels; precast, prestressed units					
	Lintels					
	Type L1: 100 x 65mm deep, prestressed concrete lintel					
C	1.2 m long	5	no			
D	1.5 m long	4	no			
E	1.9 m long	4	no			
	Type L1: 215 x 65mm deep, prestressed concrete lintel					
F	1.2 m long	5	no			
G	1.5 m long	4	no			
	Type L2: 215 x 100mm deep, prestressed concrete lintel					
H	1.2 m long	1	no			

	Description	Qty	Unit	Rate	€	c
A	2.2 m long	7	no			
	Type L2: 215 x 215mm deep, prestressed concrete lintel					
B	1.2 m long	1	no			
C	2.2 m long	7	no			
	CONCRETE WORK					
	IN-SITU CONCRETE					
	COMPOSITE ITEMS					
	Cast in situ concrete lintels; 450 x 215mm; C30/37 concrete vibrated; including formwork to achieve smooth/fairfaced finish; to match blockwork coursing, projecting 225mm bearing both sides; reinforcement as per engineers specification and steel reinforcement schedule; as per engineers details					
D	Type L5; 4.9m long	2	no			
E	Type L5; 1.2m long	2	no			
	BRICKWORK AND BLOCKWORK: Brickwork/Blockwork					
	Blockwork					
	Block to BS EN 771-3 standard; 7.5kN solid block walls; all in accordance with Architect's Specification and Engineers specification					
	Walls; External Cavity Wall					
F	100mm thick	557	m2			
G	215mm thick	557	m2			
	Extra over for					
H	bonding to other work: to existing building: ; as per Engineers details	17	m			
J	forming radiator recesses: to provide 100mm clearance around proposed radiators, sizes vary; recess to be 75mm off finishes floor level; Including all framing and grounds for Radiator. Refer to Engineers drawings	7	m2			

	Description	Qty	Unit	Rate	€	c
	215 mm thermal blockwork:Quinnlite/Roadstone thermal blocks or simular blockwork, 215 mm thick, at roof level and roof/wall junctions as detailed; laid in suitable mortar, including bonding, cutting, closers, forming ends and junctions and all associated work; complete.					
	Walls; External Cavity Wall					
A	215mm thick	25	m2			
	BRICKWORK AND BLOCKWORK: Ancillaries to Blockwork					
	Forming cavities					
	Forming cavities ; 150mm wide cavity including heavy duty stainless steel wall ties at 450mm centres vertically and 450mm horizontally; wall ties every course to reveals; all in accordance with manufacturer's instructions and recommendations					
	Between walls					
B	150mm wide	557	m2			
C	Extra over: Ties at 225mm centres vertically at openings	201	m			
	Closing cavities					
	Closing cavities; 150mm proprietary cavity closer that maintains continuous insulation around window and door openings, all as per Architects details					
D	150mm wide, vertical	107	m			
E	150mm wide, horizontal	60	m			
	Cavity barrier; top flanges of the cavity barrier fixed to the inner leaf at 150mm centres with clout nails prior to compression fitting by outer cavity wall.					
F	150mm wide, horizontal	143	m			
	Cavity barrier; top flanges of the cavity barrier fixed to the inner leaf at 150mm centres with clout nails prior to compression fitting by outer cavity wall.					
G	150mm wide, vertical	28	m			
	Cavity barrier; Proprietary Insulated cavity closer or at window cill; Installed in accordance with manufacturers instructions; included all sealants and fixings					
H	150mm wide, vertical	29	m			

	Description	Qty	Unit	Rate	€	c
	Damp Proof Courses					
	Cavity Trays; at lintels					
	Stepped at external openings: fixed and sealed to blockwork and concrete substrate as per Architects drawings and specifications					
A	girth 500mm,3 folds	44	m			
	Roof junction: fixed and sealed to blockwork and concrete substrate as per Architects drawings and specifications					
B	girth 500mm,3 folds	143	m			
	300mm drop cavity trays type CD dropcloack with preformed corners, joint support system. All joints and seal with jointing tape					
C	girth 500m; stepped at concrete floor slab as per Architects drawings and specifications	143	m			
	Designed Joints					
	Movement joint - blockwork to blockwork; inserting within blocks; 10mm thick closed cell polyethylene seal with mastic pointing, corner chamfer / rebate to Architects details and specification; including double triangle stainless steel ties at 225mm centres each side if joint; in strict accordance with Engineers details					
D	100mm wide; to external brickwork leaf. Refer to Engineers details	84	m			
	WOODWORK: Insulation, Ironmongery, Accessories and Sundries					
	Insulation					
	Cavity insulation; 150mm thick fulfill cavity insulation; shall be cavitytherm insulation or equivalent; fixed in strict accordance with the manufacturers instructions; all as per Architects details and specifications					
	To cavity					
E	150mm thick	557	m2			

	Description	Qty	Unit	Rate	€	c
	STEELWORK					
	Structural					
	Composite items					
	Support Bracket					
	Killeshal QWIK-FIX K10-150-CN-EB-SA-PK or equivalent stainless steel Bracket Support System; including all fixings; fixed in strict accordance with the manufacturers instructions; all as per Architect and Engineer's details and specifications					
A	Type L3 Blockwork Support System	24	m			
				To Collection €		

Description	Qty	Unit	Rate	€	c
COLLECTION					
Page No. C/1					
Page No. C/2					
Page No. C/3					
Page No. C/4					
Page No. C/5					
(21) EXTERNAL WALLS Carried to Summary					

	Description	Qty	Unit	Rate	€	c
	(22) INTERNAL WALLS					
	NOTES					
	1. The Tenderer is advised that all measurements and descriptions shall be read in conjunction with the Architect's Drawings and Specification		Noidn			
	2. For details of the nature and extent of the works to be carried out in this section, the Tenderer's shall refer to all Architect's Drawings and Specifications.		Noidn			
	3. Notwithstanding that this Bill of Quantities is measured in accordance with the Agreed Rules of Measurement Fourth Edition 2009 and that all head, sole and vertical studs have been measured the Tenderer should note that any additional bearers required for skirtings and the like will be deemed to be included in the unit rates.		Noidn			
	4. The Tenderer shall include for all working around obstructions, newly installed services and the like.		Noidn			
	5. The Tenderer shall provide to the Architects samples of all proposed finishes prior to ordering and shall be deemed to have included for such samples within the unit rates.		Noidn			
	CONCRETE WORK: Precast Concrete / Composite Construction / Stone Faced Concrete Panels					
	Lintels; precast, prestressed units					
	Lintels					
	Type L1: 100 x 65mm deep, prestressed concrete lintel					
A	1.0 m long	5	no			
B	1.2 m long	10	no			
C	1.9 m long	10	no			
	Type L1: 215 x 65mm deep, prestressed concrete lintel					
D	1.2 m long	5	no			
	Type L2: 215 x 100mm deep, prestressed concrete lintel					
E	1.2 m long	1	no			
F	2.2 m long	6	no			
				To Collection €		

	Description	Qty	Unit	Rate	€	c
	Type L2: 215 x 215mm deep, prestressed concrete lintel					
A	1.2 m long	1	no			
B	2.2 m long	3	no			
	BRICKWORK AND BLOCKWORK: Brickwork / Blockwork					
	Blocks to BS EN 771-3; with a compressive strength of 7.5kN; all in accordance with Architect's Specification and Engineers specification					
	Walls; Internal Cavity Wall					
C	100mm thick	80	m2			
D	215mm thick	80	m2			
	Walls					
E	100mm thick	157	m2			
F	215mm thick	248	m2			
G	400mm thick	6	m2			
	Extra Over for					
H	forming radiator recesses: to provide 100mm clearance around proposed radiators, sizes vary; recess to be 75mm off finishes floor level; Including all framing and grounds for Radiator. Refer to Engineers drawings No. 5501	21	m2			
	BRICKWORK AND BLOCKWORK: Ancillaries to Blockwork					
	Forming cavities					
	Forming cavities ; 150mm wide cavity including heavy duty stainless steel wall ties at 450mm centres vertically and 650mm horizontally; wall ties every course to reveals; all in accordance with manufacturer's instructions and recommendations					
	Between walls					
J	150mm wide	80	m2			

	Description	Qty	Unit	Rate	€	c
	Closing cavities					
	Closing cavities; 150mm proprietary cavity closer that maintains continuous insulation around window and door openings, all as per Architects details					
A	150mm wide, vertical	6	m			
	Cavity barrier; top flanges of the cavity barrier fixed to the inner leaf at 150mm centres with clout nails prior to compression fitting by outer cavity wall.					
B	150mm wide, horizontal	23	m			
	WOODWORK: Insulation, Ironmongery, Accessories and Sundries					
	Insulation					
	Cavity insulation; 150mm thick full fill insulation;shall be cavitytherm insulation or equivalent; fixed in strict accordance with the manufacturers instructions; all as per Architects details and specifications					
	To cavity					
C	150mm thick	80	m2			
	STEELWORK					
	Structural					
	Composite items					
	Support Bracket					
	Killeshal QWIK-FIX K10-150-CN-EB-SA-PK or equivalent stainless steel Bracket Support System; including all fixings; fixed in strict accordance with the manufacturers instructions; all as per Architect and Engineer's details and specifications					
D	Type L3 Blockwork Support System	11	m			

Description	Qty	Unit	Rate	€	c
COLLECTION					
Page No. D/1					
Page No. D/2					
Page No. D/3					
(22) INTERNAL WALLS Carried to Summary					

	Description	Qty	Unit	Rate	€	c
	(23) FLOORS & GALLERIES					
	(23) FLOORS					
	Notes:					
	1. The Tenderer is advised that the measurement and descriptions are to be read in conjunction with the Architect's Drawings and Engineer's Drawings and Specification.		noidn			
	CONCRETE WORK: Precast Concrete					
	Precast concrete hollow core units, all grouting and pointing all bearings and soffits of all joints; including all fixings, angles, bolts, propping and the like as necessary to attach to surrounding structure; all joints between precast concrete units to be grouted; temporary supports as required; note 75mm thick topping screed and mesh elsewhere measured; as per Engineers specification					
	Floor Slabs; 200mm thick					
A	span 9 - 11m	99	m2			
	CONCRETE WORK: Structural Screed					
	Reinforced in-situ concrete; grade C28/35; as per Engineers Drawings and Specifications					
	Screed					
B	75mm thick	8	m3			
	CONCRETE WORK: Formwork					
	Edges of openings					
	To suspended slabs; as per engineers sections and architects details					
C	height not greater than 250mm	44	m			
	CONCRETE WORK: Structural Screed Reinforcement					
	Fabric					
	Reference A142 high tensile mesh; as per Engineers specifications					
D	horizontal	99	m2			

	Description	Qty	Unit	Rate	€	c
	CONCRETE WORK: Sundries					
	Surface Finishes					
	Power Floated					
A	level; over 300 wide; to surfaces of screed	99	m2			
	CONCRETE WORK: Composite Items					
	Infill detail					
	Concrete infill to edge of slabs at structural steel support detail of first floor including concrete					
B	250mm wide x 275mm high	17	m			
	Edge detail					
	H10 L bars horizontally to external perimeter tied to Mesh at 400mm centres, L bars tied to screed mesh; including concrete infill to perimeter					
C	275mm high x 200mm wide	27	m			
	Support detail to walls					
	H12 bars horizontally, polystyrene plug, including concrete infill; as per detail 19 as per Engineers detail					
D	275mm high x 600mm wide	28	m			
	Support detail to steel beam					
	Concrete infill'; as per detail 18 as per Engineers detail					
E	275mm high x 600mm wide	16	m			

Description	Qty	Unit	Rate	€	c
COLLECTION					
Page No. E/1					
Page No. E/2					
(23) FLOORS & GALLERIES Carried to Summary					

	Description	Qty	Unit	Rate	€	c
	(27) ROOFS					
	STRUCTURAL WOODWORK					
	Notes:					
	1. The Tenderer is advised that the measurement and descriptions are to be read in conjunction with the Architect's Drawings and Engineer's Drawings and Specification.		noidn			
	Structural and first fixings					
	Carcassing					
	Pitched Roof, infill to truss roofs as required					
A	225 x 44mm C16 flat roof joists	325	m			
B	225 x 44mm C16 flat roof joists to canopy	60	m			
C	225 x 44mm C16 bridging	107	m			
D	225 x 44mm 2 nr joists to form double bridging	51	m			
E	100 x 44mm firring piece cut to fall	325	m			
F	125 x 44mm firring piece cut to fall; to canopy	60	m			
G	125 x 44mm bearers to structural steel	23	m			
H	125 x 44mm timbers to form upstand to canopy	117	m			
J	125 x 44mm timber noggings to form upstand to canopy	49	m			
	BOARDING AND SECOND FIXING					
	Boarding and sheeting; Class 3 WBP plywood to EN636-3					
	Roof Decking; 24mm marine plywood decking to flat roof, butt jointed; screw fixed to top of flat roof joists (elsewhere measured);					
K	exceeding 300mm wide; horizontal	147	m2			
L	exceeding 300mm wide; raking (to form flashings)	25	m2			
M	exceeding 300mm wide; raking (to form upstand)	20	m2			
	IRONMONGERY, ACCESSORIES AND SUNDRIES					
	Accessories					

	Description	Qty	Unit	Rate	€	c
	Galvanised mild steel anchor straps; "Bat" or equal and approved; 150mm bend one end; pre-drilled; fixed to blockwork with proprietary fixings; fitted in accordance with engineers details					
A	30 x 5 x 1200mm long; straps fixed to internal cavity	42	nr			
	Galvanised mild steel joist hanger; Bat" or equal and approved; pre-drilled; screw fixed to with proprietary fixings					
B	44mm x 225mm	180	nr			

Description	Qty	Unit	Rate	€	c
COLLECTION					
Page No. F/1					
Page No. F/2					
(27) ROOFS Carried to Summary					

	Description	Qty	Unit	Rate	€	c
	(28) FRAME					
	NOTES					
A	To be read in conjunction with all relevant Architects and Engineers Drawings and Specifications					
	The contractor shall include in his rates for all temporary support, bracing etc to Structural Steelwork during the course of the works		noidn			
B	Fabricated steelwork to comply with National Structural Steelwork Specification for Building Construction					
C	All steelwork to be CE marked and graded as per engineer's specification unless otherwise stated on the drawings					
	The contractor shall include in his rates for the provision of all shop drawings, details etc for engineer's approval prior to fabrication		noidn			
	The Contractor shall carry out the design of connections and shall prepare all detailed shop fabrication drawings, materials, lists, erection drawings and programmes based on the Engineer's general arrangement drawings. We deem the Contractors rates include for these items of work.		noidn			
D	Provide for complying with the engineer's specification requirements for tests of materials; workmanship; tolerance and finished structures.					
E	All dimensions and levels to be confirmed on site.		note			
	CONCRETE WORK					
	IN-SITU CONCRETE					
	Reinforced in-situ concrete; Grade C30/37; vibrated					
	Beams					
F	cross sectional area not exceeding 0.10m2	13	m3			
G	cross sectional area not exceeding 0.10m2; raking	6	m3			
H	cross sectional area exceeding 0.10m2	5	m3			
	Columns					
J	cross sectional area not exceeding 0.10m2	4	m3			

	Description	Qty	Unit	Rate	€	c
	REINFORCEMENT					
	Reinforcement; high yield steel to BS. 4499 or BS. 4461; spacers and chairs at the discretion of the contractor					
	Straight or bent;					
A	not exceeding 12mm diameter	0.90	tonne			
B	12mm - 25mm diameter	1.00	tonne			
	FORMWORK					
	Formwork; generally; in accordance with Engineers specification					
	Beams;					
	beams					
C	attached; rectangular; soffit height >4.00m (sides)	177	m2			
	Columns:					
	Columns					
D	attached; rectangular; height >4.00m	45	m2			
	STRUCTURAL STEELWORK					
	Fabricated members: primary steelwork and specification					
	Fabricated; weldable steel to strength S275; to IS EN 1993 and BS4 N.S.S.S 5th edition; hot rolled sections; weldable fabrications and site connections; all bolts, connections etc; all in accordance with the Structural Engineer's details					
	beams					
E	beams; member profile <25kg/m galz	1.80	tonne			
F	beams; member profile <25kg/m; PFC galz B10 stubs	0.60	tonne			
G	beams; member profile >25kg/m<50kg/m	1.50	tonne			
H	Flange; 375 x 10mm bottom plate flange; welded to bottom of B5 beam	0.30	tonne			
J	Flange; 325 x 10mm bottom flange plate; welded to bottom of B6 beam	0.30	tonne			
K	beams; member profile >50kg/m<100kg/m	2.10	tonne			

	Description	Qty	Unit	Rate	€	c
A	eaves beams; member profile <25kg/m; galz E185140	0.30	tonne			
B	eaves beams; member profile <25kg/m; galz M235065160	0.60	tonne			
	bracings					
C	CHS; member progile <25kg/m	1.00	tonne			
	Columns					
D	Columns; 114.5 x 6.3 CHS Glaz	0.30	tonne			
	Fittings					
	Plates					
E	400mm x 12mm thick plates with 4xm16 GR 8.8 Hilti Hit-Hy200 bolts embedment depth 125mm	1	nr			
	Angle fixings					
F	50x50x1.5mm cleadar angles	4	nr			
G	generally; allowance for plates, fixing etc	2.00	tonne			
	Cold Rolled Members					
	Purlin <25kg/m					
H	Multibeam Purlins M11755065130	379	m			
	Site welding					
J	allow for all site welding necessary to erect all the foregoing steelwork	1	item			
	PROTECTIVE COATINGS					
	Allow for all exposed steelwork to be coated with intumescent paint manufacturers specification to provide minimum 60 minute fire resistance ; all in strict accordance with the Architect's Drawings and Specification					
K	Structural steelwork	9.00	tonne			
	Allow for all exposed steelwork to be galzanised coated to manufacturers specification to provide minimum 60 minute fire resistance ; all in strict accordance with the Architect's Drawings and Specification					
L	Structural steelwork	8.40	tonne			

Description	Qty	Unit	Rate	€	c
COLLECTION					
Page No. G/1					
Page No. G/2					
Page No. G/3					
(28) FRAME Carried to Summary					

	Description	Qty	Unit	Rate	€	c
	(31) EXTERNAL WALL COMPLETIONS					
	NOTES					
A	For details of the nature and extent of the works to be carried out in this section refer to the relevant drawings, specifications and schedules		note			
B	Dimensions provided are indicative, all dimensions should be agreed with the main contractor on site, before manufacturing begins.		note			
C	All glazing to comply with building regulations at time of building		note			
D	Architects specification document should be reviewed in conjunction with project drawings.		note			
E	frame anchors and all mortices, holes etc. of all external doorsets is deemed to be included		note			
F	rockwool/non-combustible expanding foam packing between the frame and structure of all doorsets is deemed to be included		note			
G	ironmongery is deemed to be included		note			
H	all windows and doors to be draught proofed upon installation using approved draught proofing tape minimum 60mm wide flexible tape to internal wall & frame		note			
J	building envelope air permeability test (fan pressurisation rest) to be carried out prior to completion is to EN 13829 2000. Test results to be supplied on completion of work. If test result falls below the minimum permeability requirement, proof of remedial works and re-testing mest be supplied.		note			
K	For details of the nature and extent of the works to be carried out in this section refer to the relevant drawings, specifications and schedules		note			
	WOODWORK: Boarding & Second Fixings					
	MDF window board as indicated secret fixed to internal leaf. Provide flexible air sealant between wall, window lining boards & window frame as per Architects drawings and specification					
	Second Fixing; window boards; 25mm thick					
L	300mm deep	39	m			

	Description	Qty	Unit	Rate	€	c
	MDF liners to windows; screw fixed to battens; plugging and countersinking all in strict accordance with the Architect's Drawing and Specification					
	Second Fixing; window liners; ex 19mm thick					
A	girth 150 - 300mm; square edge; to surrounds of windows	96	m			
	MDF chamfered architraves to windows; screw fixed to battens; plugging and countersinking all in strict accordance with the Architect's Drawing and Specification					
	Second Fixing; Architrave; ex 19mm thick					
B	girth 150 - 300mm; square edge; to surrounds of windows	96	m			
	WOODWORK: Structural and First Fixings					
	METALWORK					
	Non Structural					
	COMPOSITE ITEMS					
	Windows					
	All Windows and Doors to be polyester powder coated thermally broken Aluminium; energy efficient; to dark grey colour to match existing school RAL colour; All Windows and Doors in line with TGD-021-1- guidance on the specification of windows from Department of Education & NSAI standards; All Windows and Doors to achieve a minimum U-value of 1.2W/m²K, Triple glazed windows; toughened and laminated glass as required per the current regulations; trickle vents to match existing School; including all acciocated ironmongery all in accordance with Architect's Drawing and Specification, Sections. and the relevant manufacturers written recommendations.					
C	Window Type 1; overall size (including frame) 1125mm long x 2250mm high; comprising of (2) fixed glazed section and (1) openable glazed window section; Window number; 01 & 02	2	nr			
D	Window Type 2; overall size (including frame) 1575mm long x 2250mm high; comprising of (2) fixed glazed section and (1) openable glazed window section; Window number; 03	1	nr			

	Description	Qty	Unit	Rate	€	c
A	Window Type 3; overall size (including frame) 4800mm long x 2800mm high; comprising of (3) fixed glazed section and (1) openable glazed window section; Window number; 04	1	nr			
B	Window Type 4; overall size (including frame) 675mm long x 1050mm high; comprising of (0) fixed glazed section and (1) openable glazed window section; Window number; 05, 06, 07, 09 & 10	5	nr			
C	Window Type 5; overall size (including frame) 4800mm long x 2800mm high; comprising of (3) fixed glazed section and (1) openable glazed window section; Window number; 08	1	nr			
D	Window Type 6; overall size (including frame) 1350mm long x 1850mm high; comprising of (1) fixed glazed section and (1) openable glazed window section; Window number; 11	1	nr			
E	Window Type 7; overall size (including frame) 1550mm long x 2175mm high; comprising of (2) fixed glazed section and (1) openable glazed window section; Window number; 12	1	nr			
F	Window Type 8; overall size (including frame) 1800mm long x 2250mm high; comprising of (2) fixed glazed section and (1) openable glazed window section; Window number; 13	1	nr			
G	Window Type 9; overall size (including frame) 1980mm long x 2250mm high; comprising of (3) fixed glazed section and (1) openable glazed window section; Window number; 14, 15, 16 & 17	4	nr			
	Doors and screens *All Windows and Doors to be ,polyester powder coated thermally broken Aluminium; energy efficient; Dark grey colour to match existing school RAL Colour; All Windows and Doors in line with TGD-021-1- guidance on the specification of windows from Department of Education & NSAI standards; All Windows and Doors to achieve a minimum U-value of 1.2W/m²K, Triple glazed windows; toughened and laminated glass as required per the current regulations; trickle vents to match existing School; including all acciocated ironmongery all in accordance with Architect's Drawing and Specification, Sections. and the relevant manufacturers written recommendations.*					
H	Door Type 1; overall size (including frame) 1800mm long x 2900mm high; comprising of (1) fixed glazed section and (2) openable glazed Door section; Door number; 01 & 08	2	nr			

To Collection €

	Description	Qty	Unit	Rate	€	c
A	Door Type 2; overall size (including frame) 5211mm long x 2850mm high; comprising of (3) fixed glazed section and (2) openable glazed Door section 1800 x 2100mm; comprising key fob system; Door number; 02	1	nr			
B	Door Type 3; overall size (including frame) 1800mm long x 2900mm high; comprising of (1) fixed glazed section and (2) openable glazed Door section; comprising key fob system; Door number; 03	1	nr			
C	Door Type 4; overall size (including frame) 1150mm long x 2900mm high; comprising of (1) fixed glazed section and (1) openable glazed Door section; comprising key fob system; Door number; 04	1	nr			
D	Door Type 5; overall size (including frame) 1150mm long x 2900mm high; comprising of (1) fixed glazed section and (1) openable glazed Door section; comprising key fob system; Door number; 05	1	nr			
E	Door Type 6; overall size (including frame) 1000mm long x 2100mm high; comprising of a louvred External door to allow ventilation into Mech/Elech outdoor room; Door number; 07	1	nr			
F	Door Type 7; overall size (including frame) 1800mm long x 2900mm high; comprising of (1) fixed glazed section and (2) openable glazed Door section; comprising key fob system; Door number; 06	1	nr			
	Manifestations					
	manifestations to Windows, doors and screens as per window and door schedules; in accordance with current regulations; permanently marked manifestations as per outlined on window and door schedule					
	Windows and screens					
G	Window type 03; Window Number 04	1	nr			
H	Window type 05; Window Number 08	1	nr			
	Doors and screens					
J	Door type 01; Door Number 01 & 08	2	nr			
K	Door type 02; Door Number 02	1	nr			
L	Door type 03; Door Number 03	1	nr			
M	Door type 04; Door Number 04	1	nr			
N	Door type 05; Door Number 05	1	nr			
				To Collection €		

	Description	Qty	Unit	Rate	€	c
A	Door type 07; Door Number 06	1	nr			
	Aluminium Cills: Provide and install 2.0 mm thick folded aluminium window cill, powder-coated dark grey to match existing window frames. Include sloping top, projecting and downturned front edge with drip, sealed end returns, fixings and weatherproofing, with final profile and dimensions all to match existing windows on site					
B	Girth, 150 - 300mm; 3 bends with drip detail	39	m			
	WOODWORK: Insulation, Ironmongery, Accessories and Sundries					
	Sundries					
	Airseals					
	Sealing tape; Pro-claima or similar air tightness tapes to seal junction of window and blockwork fitted with appropriate primers and fleece backed tapes as per manufacturers details and written specifications					
	to door and window Jambs, reveals, heads and cills					
C	girth not exceeding 150mm	201	m			
	PAINTING & DECORATING: Painting					
	One coat of approved aluminium based primer to the contact face of members fixed permanently to blockwork or the like					
	General surfaces					
D	girth 150 - 300mm; square edge; to surrounds of windows (Window Liners)	96	m			
E	girth 150 - 300mm; square edge; to surrounds of windows (Architrave)	96	m			
F	girth 150 - 300mm; round edge; (Window Boards)	39	m			
	Background surfaces to be prepared in accordance with specification; apply (1) initial coat of Wood Primer; (2) finishing coats; Colour - to be selected by Architect; and all in strict accordance with the Architects Drawings and Specification					
	General Surfaces					
G	girth 150 - 300mm; square edge; to surrounds of windows (Window Liners)	96	m			

	Description	Qty	Unit	Rate	€	c
A	girth 150 - 300mm; square edge; to surrounds of windows (Architrave)	96	m			
B	girth 150 - 300mm; round edge; (Window Boards)	39	m			

To Collection €

Description	Qty	Unit	Rate	€	c
COLLECTION					
Page No. H/1					
Page No. H/2					
Page No. H/3					
Page No. H/4					
Page No. H/5					
Page No. H/6					
(31) EXTERNAL WALL COMPLETIONS Carried to Summary					

	Description	Qty	Unit	Rate	€	c
	(32) INTERNAL WALL COMPLETIONS					
	NOTES					
	1. The Tenderer is advised that all measurements and descriptions shall be read in conjunction with the Architect's Drawings and Specification		noidn			
	2. For details of the nature and extent of the works to be carried out in this section, the Tenderer's shall refer to all Architect's Drawings and Specifications.		noidn			
	3. The Tenderer shall fully familiarise himself, both from the drawings and site, with the structure, extent and adequacy of supports being provided and shall include for any additional supports as may be necessary to complete this section of the works.		noidn			
	4. All drawings must be checked by the Contractor on site, the Design Team must be informed of any discrepancies (should they arise) prior to commencement of the works		noidn			
	5. The Tenderer is to agree exact site dimensions for openings and programming issues. No claims for additional costs will be entertained from failure to do so.		noidn			
	6. All doors shall be fixed into structural opes with and including all necessary fixings		noidn			
	7. The Tenderer shall provide to the Architects samples of all proposed finishes prior to ordering and shall be deemed to have included for such samples within the unit rates. Samples to be provided for one of each of the designated items as part of the quantity required for the project - TYPICAL INTERNAL DOOR SET					
A	8. Evidence of fire performance; provide certified evidence including school and ID number for the relevant doors; in the form of a product conformity certificate, directly relevant fire test report or engineering assessment, that each door/doorset/assembly supplied will comply with the specified requirements for fire resistance if tested to BS 476, EN 1634-1 or EN 1634-3. Such certification must cover door and frame materials, glass and glazing materials and their installation, essential and ancillary ironmongery, hinges and seals.		note			

	Description	Qty	Unit	Rate	€	c
	WOODWORK: Boarding & Second Fixings					
	MDF chamfered architraves; screw fixed to battens; plugging and countersinking all in strict accordance with the Architect's Drawing and Specification					
	Second Fixing; Architrave; ex 19mm thick					
A	100mm; square edge; to surrounds of Internal Doors	251	m			
	Second Fixing; door liners; ex 19mm thick					
B	215mm; Square edge; to surrounds of internal doors	32	m			
	WOODWORK: Composite Items					
	Non fire rated doors and frame; Internal doors to be 44mm solid core doors (or 56mm if ncessary for fire rating) Hardwood vineered; paint grade doors; with Primed and painted finish); colour to Architect later selection); set in hardwood frames with 2-part satin lacquered finish; All glazing to have an Impact rating "c" to BS 6206 and acoustic rating of Rw 35dB. Contractor to allow for the supply and fitting of all ironmongery to doors. Include for including intrumescent strips, 10mm wood packers, perimeter gap sealed with intumescent mastic capping to both sides of full depth expanding PU foam; fit smoke seals as required; all screw fixings to be recessed and plugged with and including selected timber dowels to match frame; where applicable concealed fixing for architraves; all in strict accordance with the Architect's Drawings and Specification					
	Door Type 11; single door					
C	overall structural opening 1000mm x 2100mm; Door Number; 15	1	nr			
	Door Type 12; single door					
D	overall structural opening 1000mm x 2100mm; Door Number; 17, 18, 19 & 21	4	nr			
	Door Type 13; single door; with a vision panel					
E	overall structural opening 1000mm x 2100mm; Door Number; 16	1	nr			

	Description	Qty	Unit	Rate	€	c
	Door Type 14; single door; with a vision panel					
A	overall structural opening 1000mm x 2100mm; Door Number; 20	1	nr			
	Door Type 16; Sliding single door;					
B	overall structural opening 900mm x 2100mm; Door Number: 25	1	nr			
	Fire rated doors and frame; Internal doors to be 44mm solid core doors (or 56mm if necessary for fire rating) Hardwood vineered; paint grade doors; with Primed and painted finish); colour to Architect later selection); set in hardwood frames with 2-part satin lacquered finish; All glazing to have an Impact rating "c" to BS 6206 and acoustic rating of Rw 35dB; glazing to be fire rated as necessary to required rating. Contractor to allow for the supply and fitting of all ironmongery to doors. Include for including 10mm wood packers, perimeter gap sealed with intumescent mastic capping to both sides of full depth expanding PU foam; fit smoke seals as required; all screw fixings to be recessed and plugged with and including selected timber dowels to match frame; where applicable concealed fixing for architraves; all in strict accordance with the Architect's Drawings and Specification					
	Door Type 8; double door (30 minutes) with Vision Panels					
C	overall structural opening 1800mm x 2100mm; Door Number:10, 11 & 12	3	nr			
	Door Type 9; double door (30 minutes) with Vision Panels					
D	overall structural opening 1800mm x 2100mm; Door Number: 09	1	nr			
	Door Type 15; single door (30 minutes); with vision panels					
E	overall structural opening 1000mm x 2100mm; Door Number: 13, 26, 31 & 33	4	nr			
	Door Type 16; single door (30 minutes); with vision panels					
F	overall structural opening 1000mm x 2100mm; Door Number: 23, 24, 30 & 32	4	nr			

	Description	Qty	Unit	Rate	€	c
	Fire rated doors, frame and screens; Internal doors to be 44mm solid core doors (or 56mm if necessary for fire rating) Hardwood vineered; paint grade doors; with Primed and painted finish); colour to Architect later selection); set in hardwood frames with 2-part satin lacquered finish; All glazing to have an Impact rating "c" to BS 6206 and acoustic rating of Rw 35dB; glazing to be fire rated as necessary to required rating. Contractor to allow for the supply and fitting of all ironmongery to doors. Include for including 10mm wood packers, perimeter gap sealed with intumescent mastic capping to both sides of full depth expanding PU foam; fit smoke seals as required; all screw fixings to be recessed and plugged with and including selected timber dowels to match frame; where applicable concealed fixing for architraves; all in strict accordance with the Architect's Drawings and Specification					
	Door Type 17; single door (30 minutes) with vision panel and side glazing with manifestations					
A	overall structural opening 1000mm x 2100mm; side glazed panel 900mm x 2100mm; Door Number: 14	1	nr			
	Door Type 18; single door (30 minutes) with vision panel and side glazing with manifestations					
B	overall structural opening 1000mm x 2100mm; side glazed panel 900mm x 2100mm; Door Number: 22	1	nr			
	Manifestations					
	manifestations to Windows, doors and screens as per window and door schedules; in accordance with current regulations; permanently marked manifestations as per outlined on window and door schedule					
	Doors and screens					
C	Door Type No. 19; Door Number 14	1	nr			
D	Door Type No. 20; Door Number 22	1	nr			

	Description	Qty	Unit	Rate	€	c
	WOODWORK: Ironmongery, Accessories And Sundries					
	Ironmongery;					
	Supply and fix the following ironmongery items by Contractors proposed supplier; including all necessary fixings; all ironmongery to be stainless steel finish; detailed list to be prepared by ironmongery supplier; all to satisfaction of Architect all in strict accordances with the Architects specification and manufacturer's printed instructions; refer to Ironmongery Schedule					
	Ironmongery; to doors					
A	Satin Stainless Steel Grade 13 Ball Bearing Hinge	75	nr			
B	Intumescent Pads for Hinges	54	nr			
C	Concealed Silver Overhead Door Closer EN 2-4	18	nr			
D	Intumescent Pack to suit ITS11204	18	nr			
E	72mm c/c SSS Mortice Euro Sashlock	17	nr			
F	72mm c/c SSS Mortice Bathroom Lock with Thumbturn on outside for security override access	4	nr			
G	Electromagnetic lock / access-control locking set	1	nr			
H	Access-control / key-fob locking interface set	8	nr			
J	Satin Stainless Steel Return Lever on Rose Grade 4; pair	25	nr			
K	Satin Stainless Steel 50mm Euro Escutcheon	26	nr			
L	800x150mm Satin Stainless Steel Kicking Plates (Nominal Size Only)	52	nr			
M	Finger Guard Protectors to all doors	25	nr			
N	DH002 Satin Stainless Steel Floor Mounted Door stop	22	nr			
P	75mm dia Satin Stainless Steel "Fire Door Keep Shut" Sign	18	nr			
Q	75mm dia Satin Stainless Steel WC/Disabled Access Symbol	4	nr			
R	Sliding door ironmongery / track / lock set to comply with Part M; set	1	nr			
S	Key-fob / access-control fob with retractable reel	5	nr			

	Description	Qty	Unit	Rate	€	c
A	Emergency / fire-alarm release interface to mag lock; set	1	nr			
	PAINTING AND DECORATING: Painting					
	One coat of approved aluminium based primer to the contact face of members fixed permanently to blockwork or the like					
	General surfaces					
B	girth not exceeding 300mm; Architraves	261	m			
C	girth not exceeding 300mm; frames	136	m			
D	215mm; Square edge; to surrounds of internal doors	32	m			
	Dulux Easycare Satinwood or similar approved; to Architects Later Selection; 1 undercoat & 2 finish coats; and all in strict accordance with the Architect Specification Sections					
	General Surfaces					
E	girth not exceeding 300mm; Architraves	272	m			
F	girth not exceeding 300mm; frames	136	m			
G	215mm; Square edge; to surrounds of internal doors	32	m			

Description	Qty	Unit	Rate	€	c
COLLECTION					
Page No. J/1					
Page No. J/2					
Page No. J/3					
Page No. J/4					
Page No. J/5					
Page No. J/6					
(32) INTERNAL WALL COMPLETIONS Carried to Summary					

	Description	Qty	Unit	Rate	€	c
	(37) ROOF COMPLETIONS					
	NOTES					
	1.This element has been measured from Architect's Drawings & Specifications					
A	For detailed description of materials and workmanship see detailed specification		Note			
	METALWORK: NON STRUCTURAL					
	Access Ladders					
	Roof access ladder:Mild steel galvanised; 2 nr ladder Eye loops: Fixed vertical access ladder, complete with wall brackets and fixings; including all necessary fittings and accessories; fixed complete in accordance with manufacturer's instructions and drawings.					
B	Generally	2	nr			
	Fall Arrest System					
	Fall arrest system with safety harness, fixings and cable to be provided; including all fixings, forming penetrations, flashings and counter flashings; fixed securely in accordance with manufacturers written instructions; providing all necessary harnesses and equipment; architects drawings and the Architectural Specification					
C	fall arrest approximately 101m in length	1	item			

Description	Qty	Unit	Rate	€	c
COLLECTION					
Page No. K/1					
(37) ROOF COMPLETIONS Carried to Summary					

	Description	Qty	Unit	Rate	€	c
	(41) WALL FINISHES EXTERNALLY					
	NOTES					
A	The tendering Contractor is to allow for any preparation and priming to masonry backgrounds as per manufacturers instructions and recommendations deemed included in the rates below		Note			
B	Refer to Architects drawings and Architects Specifications for external wall finishes		Note			
C	metal angle beads and lathing at junctions of differing backgrounds are deemed to be included		note			
D	metal stop beads, irrespective of background, are deemed to be included		note			
	FLOOR, WALL & CEILING FINISHINGS					
	In-Situ Finishings					
	Provide and apply proprietary coloured external render system to external blockwork walls, Weber / K Rend or equal approved, comprising all necessary substrate preparation, bonding/primer coat where required, proprietary base/render coats and reinforcing mesh to stress areas/openings where required, finished with manufacturer's proprietary coloured silicone/monocouche render with scraped/textured finish; including all labour, materials, mixing, application, curing, cutting around openings and making good; complete strictly in accordance with manufacturer's recommendations and approved colour/sample.					
	Walls					
E	> 300mm wide including bellcast	557	m2			
	Reveals; to blockwork base					
F	< 300mm wide	158	m			
	Plinth					
G	< 300mm wide	143	m			

	Description	Qty	Unit	Rate	€	c
	ROOFING, CLADDING AND WATERPROOFING					
	cladding					
	Pelicolour Cladding or simular; highly compressed, air-cured fibre cement cladding panel; fixed to and Including timber battens/support rails at appropriate centres; battens/support rails mechanically fixed to masonry surfaces; including any counter battens/support system required; including all necessary vapour layer and plaster coat to masonry; to selected colours as per architects drawings and specification; all as per manufactures requirements and recommendations.					
A	> 300mm wide	58	m2			
B	< 300mm wide; reveals	6	m			
	Prefalz standing seam wall cladding or simular; Standing Seam Aluminium Wall Cladding; fixed to and Including timber battens/support rails at appropriate centres; battens/support rails mechanically fixed to masonry surfaces; including any counter battens/support system required; including all necessary vapour layer; to selected colours as per architects drawings and specification; all as per manufactures requirements and recommendations.					
C	> 300mm wide	8	m2			

Description	Qty	Unit	Rate	€	c
COLLECTION					
Page No. L/1					
Page No. L/2					
(41) WALL FINISHES EXTERNALLY Carried to Summary					

	Description	Qty	Unit	Rate	€	c
	(42) INTERNAL WALL FINISHES					
	NOTES					
A	the Contractor is required to allow for all labours, i.e. rounded angles, curved cutting, working up to and / or around all obstructions, protrusions, etc. in the rates		note			
B	Painting has been measured behind tiling in-lieu of wall sealer		note			
	This element is measured from relevant Architects Drawings and Specifications and Room Finishes Schedule		noidn			
	Internal corners to have silicone sealed joint to walls and floors where required as per Specification and all unit rates below will be deemed to include for same.		note			
	FLOOR, WALL & CEILING FINISHES: Finishings					
	Walls: Prepare blockwork background and apply scud coat, sand and cement base, proprietary gypsum plaster finish coat, finished smooth and even ready to receive decoration; including bonding agents where required, forming internal angles, arises and reveals, working around openings and services, and all necessary labour and materials; complete in accordance with manufacturer's recommendations.					
C	to blockwork substrate	1168	m2			
	Tile, slab & Mosaic Finishes					
	Wall tiles;: Gloss ceramic wall tiles or equal equivalent; lain and grouted in accordance with manufacturers instructions; allow for all trimming & cutting to obstructions; include for all necessary trim, beads and accessories; half round tiling beads to all exposed edges; grout pointing all to selected colour; soft sealant at non exposed edges and corner; all as per architects drawings and specifications					
	on walls; to plaster base					
D	exceeding 300mm wide	7	m2			
	Labours					
E	Making good/cutting around pipes or the like, girth not exceeding 300mm	1	item			

	Description	Qty	Unit	Rate	€	c
	Wall tiles; 300mm high to splashbacks: Gloss ceramic wall tiles or equal equivalent; lain and grouted in accordance with manufacturers instructions; allow for all trimming & cutting to obstructions; include for all necessary trim, beads and accessories; half round tiling beads to all exposed edges; grout pointing all to selected colour; soft sealant at non exposed edges and corner; all as per architects drawings and specifications					
	on walls; to plaster base					
A	isolated areas; splashbacks to sinks and counters	6	m2			
	Labours					
B	Making good/cutting around pipes or the like, girth not exceeding 300mm	1	item			
	PAINTING AND DECORATING: Painting					
	Wall surface to be prepared and cleaned; apply 1 coat Primer, 2 coats of Finish; all in strict accordance with the Architect's Drawings and Specification					
	Walls; to skimmed blockwork					
C	walls; exceeding 300mm	1168	m2			
D	reveals; not exceeding 300mm (windows, internal doors, recessed doors & recessed radiators)	158	m			

Description	Qty	Unit	Rate	€	c
COLLECTION					
Page No. M/1					
Page No. M/2					
(42) INTERNAL WALL FINISHES Carried to Summary					

	Description	Qty	Unit	Rate	€	c
	(43) FLOOR FINISHES					
	NOTES					
	The Tenderer is advised that the following measurements and descriptions are to be read in conjunction with the Architects and Structural Engineers Drawings and Specifications					
	The Contractor is to include in his tender for properly curing and drying out concrete ground floor slabs within the limits of the building programme to attain minimum moisture content as recommended by the manufacturers of the relevant sheet and brush applied floor coverings measured within this element; if these moisture levels are not achieved at the time of laying, then the contractor will be required to apply an approved patent trowel applied damp proof membrane over the slab and patent self levelling screed over same at his own expense					
	The Contractor is solely responsible for ensuring that the concrete floor slabs are sufficiently dried out before any floor finishes are laid					
	All timber to be FSC certified					
A	Concrete floors are to be finished to an acceptable standard for floor coverings and any uneven areas or blemishes are to be made good with a patent levelling screed or ground smooth where necessary at the contractors own expense		note			
B	the Contractor is required to allow for all labours, i.e. rounded angles, curved cutting, working up to and / or around all obstructions, protrusions, etc. in the rates		note			
C	the Contractor is to include in his tender for cleaning and polishing of finishes on completion of the works		note			
D	the Contractor is to include for all necessary transition strips within costs for floor finishes		note			
	WOODWORK					
	Boarding & Second Fixings					
	Skirtings; to be 150 x 19mm MDF skirting; securely fixed with stainless steel masonry nails at 900mm centres; skirting's to be fixed to all walls; as per architects details and specifications					
	To blockwork base					
E	skirting; 100 x 19mm	331	m			

	Description	Qty	Unit	Rate	€	c
	FLOOR, WALL AND CEILING FINISHES: Finishings					
	DPM And Levelling Compound					
	Damp proofer; supply and lay approved liquid DPM to existing floors; all to Architects specifications					
	Floors; to concrete slab					
A	over 300mm wide	512	m2			
	Leveling compound; supply and lay approved levelling compound to existing floors; all to Architects specifications					
	Floors; to concrete slab					
B	over 300mm wide	512	m2			
	Floors					
	Vinyl flooring; Forbo ModulUp 19db Colour Acoustic Vinyl or equal approved with R9 Slip Rating. Colour to be discussed with Architect & Client before construction. All materials for welding must be overlapped & grooved; before handover clean thoroughly with neutral detergent, rinse and dry; all as per manufacturers instructions and in strict accordance with Architects drawings and finishes schedule					
C	exceeding 300mm wide	368	m2			
	Labours					
D	making good / cutting to obstructions; girth not exceeding 300mm	1	item			
	Vinyl flooring; Forbo ModulUp 19db Colour Acoustic Vinyl or equal approved with R10 Slip Rating. Colour to be discussed with Architect & Client before construction. All materials for welding must be overlapped & grooved; before handover clean thoroughly with neutral detergent, rinse and dry; all as per manufacturers instructions and in strict accordance with Architects drawings and finishes schedule					
E	exceeding 300mm wide	49	m2			
	Labours					
F	making good / cutting to obstructions; girth not exceeding 300mm	1	item			

	Description	Qty	Unit	Rate	€	c
	Vinyl flooring; Forbo Surestep Aqua 2.00mm Vinyl Floor Finish or equal approved, coved skirtings with Slip Rating of R10 in all toilets; Colour to be discussed with Architect & Client before construction. All materials for welding must be overlapped & grooved.; before handover clean thoroughly with neutral detergent, rinse and dry; all as per manufacturers instructions and in strict accordance with Architects drawings and finishes schedule					
	Floors					
A	exceeding 300mm wide	86	m2			
	Labours					
B	making good / cutting to obstructions; girth not exceeding 300mm	1	item			
	Vinyl flooring; Forbo Surestep Aqua 2.00mm Vinyl Floor Finish or equal approved, coved skirtings with Slip Rating of R11 in shower areas. Colour to be discussed with Architect & Client before construction. All materials for welding must be overlapped & grooved.; before handover clean thoroughly with neutral detergent, rinse and dry; all as per manufacturers instructions and in strict accordance with Architects drawings and finishes schedule					
	Floors					
C	exceeding 300mm wide	10	m2			
	Labours					
D	making good / cutting to obstructions; girth not exceeding 300mm	1	item			
	Skirtings					
	Forbo Surestep Aqua 2.00mm or equivalent with Capping Strip and 20mm Cove-Former; contractor to allow for all mitering of corners, cutting and trimming to projections and obstructions as necessary; all fitted in strict accordance with manufacturers instructions; all as per Architects drawings and finishes schedule					
	Skirtings					
E	to blockwork; less than 300mm	51	m			

	Description	Qty	Unit	Rate	€	c
	PAINTING AND DECORATING: Painting					
	Floor Paint: allow for all preporation and cleaning ; apply floor paint as per architects specification					
	General surfaces					
A	> 300mm wide	8	m2			
	One coat of approved aluminium based primer to the contact face of members fixed permanently to blockwork or the like					
	General surfaces					
B	girth not exceeding 300mm; Skirting	331	m			
	Dulux Easycare Satinwood or similar approved; to Architects Later Selection; 1 undercoat & 2 finish coats; and all in strict accordance with the Architect Specification Sections					
	General Surfaces					
C	girth not exceeding 300mm; Skirting	331	m			

Description	Qty	Unit	Rate	€	c
COLLECTION					
Page No. N/1					
Page No. N/2					
Page No. N/3					
Page No. N/4					
(43) FLOOR FINISHES Carried to Summary					

	Description	Qty	Unit	Rate	€	c
	(45) CEILING FINISHES					
	NOTES					
A	metal angle beads and lathing at junctions of differing backgrounds are deemed to be included		note			
B	metal stop beads, irrespective of background, are deemed to be included		note			
	SUSPENDED CEILINGS					
	Metal frame suspended ceiling system; with standard (non-fire-rated) Plasterboard finish including skim finish and painted to architects selected colour. Contractor to include for galvanised steel unistruts to span between all purlins to support ceiling and baffles below. Location of unistruts to be co-ordinated with relevant sub-contractors; all as per architects details and specifications					
	Ceilings; type 01					
C	depth of suspension 0 - 500mm; fixed to roof structure	42	m2			
D	depth of suspension 1500 - 2500mm; fixed to roof structure	30	m2			
	Metal frame suspended ceiling system; with Acoustic Plasterboard finish including skim finish and painted to architects selected colour. Contractor to include for galvanised steel unistruts to span between all purlins to support ceiling and baffles below. Location of unistruts to be co-ordinated with relevant sub-contractors; all as per architects details and specifications					
	Ceilings; type 02a					
E	depth of suspension 0 - 500mm; fixed to roof structure	67	m2			
F	depth of suspension 1500 - 2500mm; fixed to roof structure	164	m2			

	Description	Qty	Unit	Rate	€	c
	Metal frame suspended ceiling system; 30min fire rated with Acoustic Plasterboard finish including skim finish and painted to architects selected colour. Contractor to include for galvanised steel unistruts to span between all purlins to support ceiling and baffles below. Location of unistruts to be co-ordinated with relevant sub-contractors; all as per architects details and specifications					
	Ceilings; type 02b					
A	depth of suspension 0 - 500mm; fixed to roof structure	130	m2			
	Metal frame suspended ceiling system; with (30 minute) fire rated Plasterboard finish including skim finish and painted to architects selected colour. Contractor to include for galvanised steel unistruts to span between all purlins to support ceiling and baffles below. Location of unistruts to be co-ordinated with relevant sub-contractors; all as per architects details and specifications					
	Ceilings; type 03					
B	depth of suspension 0 - 500mm; fixed to roof structure	12	m2			
C	depth of suspension 500 - 1500mm; fixed to roof structure	21	m2			
	Metal frame suspended ceiling system; with (60 minute) fire rated Plasterboard finish including skim finish and painted to architects selected colour. Contractor to include for galvanised steel unistruts to span between all purlins to support ceiling and baffles below. Location of unistruts to be co-ordinated with relevant sub-contractors; all as per architects details and specifications					
	Ceilings; type 04					
D	depth of suspension 500 - 1500mm; fixed to roof structure	20	m2			
	Metal frame suspended ceiling system; with moisture board finish including skim finish and painted to architects selected colour. Contractor to include for galvanised steel unistruts to span between all purlins to support ceiling and baffles below. Location of unistruts to be co-ordinated with relevant sub-contractors; all as per architects details and specifications					
	Ceilings; type 05					
E	depth of suspension 500 - 1500mm; fixed to roof structure	7	m2			
				To Collection €		

	Description	Qty	Unit	Rate	€	c
A	depth of suspension 1500 - 2500mm; fixed to roof structure	20	m2			
	60min fire rated; 2 no layers fire liner Plasterboard finish; fixed to timber battens at 400mm centres; battens mechanically fixed to the precast concrete; tape and jointed finish; all as per architects details and specifications					
	Ceilings					
B	> 300mm wide	130	m2			
	WOODWORK: Insulation, Ironmongery, Accessories and Sundries					
	Sealant					
	Sealing tape and membrane; Pro-claim or similar air tightness tapes to seal junction of ceiling and blockwork prior to skim coat installation, fitted with appropriate primers and fleece backed tapes as per manufacturers details and written specifications					
C	> 300mm wide	433	m2			
D	not greater than 300mm wide	459	m			
	Acoustic Sealant: Sealant applied around perimeter of ceiling.					
E	not greater than 300mm wide	354	m			
	PAINTING & DECORATING: Painting					
	One Coat primer; two finishing coats of "Dulux" paint or equal and approved; to selected colours; all in accordance with the Architects specification					
	Ceilings; plaster base					
F	girth exceeding 300mm	521	m2			
	ACCESSORIES					
	Attic Access Hatch					
	New attic hatch to be proprietary 1500mm x 600mm opening fitted with Fakro or similar approved fire-rated hatch and timber folding stairs to suit floor to ceiling height.					
G	1500mm x 900mm access hatch	3	nr			
H	1500mm x 900mm access hatch (30 minute fire rated)	1	nr			
				To Collection €		

Description	Qty	Unit	Rate	€	c
COLLECTION					
Page No. P/1					
Page No. P/2					
Page No. P/3					
(45) CEILING FINISHES Carried to Summary					

	Description	Qty	Unit	Rate	€	c
	(47) ROOF FINISHES					
	NOTES					
	1.The Tenderer is referred to the drawings and specifications which accompany this document. All descriptions shall be read in conjunction with this information.		Noidn			
	2.The Tenderer is to provide all fittings, support etc. which may be necessary to complete the works. The Contractor is required to liaise and coordinate with other trades to provide and fix all such fixings as may be necessary for his installation.		Noidn			
	3.The Tenderer shall examine all surfaces which are to come in contact with his installation and insure their suitability prior to installing roof coverings.		Noidn			
	FLAT ROOF					
	Roofing, Cladding and Waterproofing: Mastic Asphalt, Viscous Liquid Coatings, Waterproof and Gas Proof Non-Metal Flexible Sheet Coverings					
	Membrane coverings					
	Coverings					
	Provide and lay proprietary Sika-Trocal S single-ply membrane flat roofing system, laid strictly in accordance with manufacturer's specification and recommendations, comprising Sika-Trocal S membrane laid over Sika-Trocal S-Felt Type A fleece protective/separation layer where required, on 150mm thick rigid thermal insulation laid in two layers of 75mm thickness, including breather membrane; including all necessary adhesives and/or mechanical fixings, laps, welds, tapes, sealants, primers, trims and accessories; laid to falls; complete and fully watertight.					
A	> 300mm wide; horizontal	147	m2			
	Sika-Trocal S single-ply roofing membrane dressed and fully bonded to vertical upstands, including Sika-Trocal S-Felt Type A fleece protective/separation layer where required, internal and external corners, laps, welds, sealants and all necessary accessories; complete in accordance with manufacturer's recommendations.					
B	<300mm: vertical	110	m			

	Description	Qty	Unit	Rate	€	c
	insulated angle fillet					
A	<300mm: to base of upstands	87	m			
	Gutters within roof finish					
B	Forming Gutter: 450 - 600mm girth	23	m			
	Flashings					
	Form capping to 465mm wide parapet including grounds; comprising Sika-Trocal S single-ply membrane dressed up from roof covering and laid over top of parapet, returned down external face and fully bonded/fixed, including Sika-Trocal S-Felt Type A fleece protective/separation layer where required, forming all laps, welded joints, angles, internal and external corners, stop ends, sealants, fixings and all necessary accessories; complete in accordance with manufacturer's recommendations and as detailed.					
C	girth 800mm, four folds	55	m			
	Like items;					
	Rainwater outlets					
D	forming outlet through parapet wall connection to hopper; including proprietary outlet and all fixings and seals to Architects drawings and specifications.	6	nr			
	FLEXIBLE SHEET METAL COVERINGS					
	Flashings					
	Provide and fix lead counter flashing at junction of flat roof covering with vertical wall; dressed over upstand flashing and turned into prepared mortar joint/chase in masonry; minimum 25 mm into joint; wedged and pointed with suitable sealant/mortar; formed in suitable lengths with laps, clips and fixings in accordance with good leadwork practice; including all cutting, dressing, angles, stop ends and making good; complete.					
E	<300mm: vertical	55	m			

	Description	Qty	Unit	Rate	€	c
	RIGID SHEET COVERINGS					
	Flashings:					
	Pressed metal aluminium with powder coated finish; parapet flashing beneath parapet capping: sheet lead flashing dressed beneath parapet coping/capping and turned down external face of parapet wall; including all laps, welted joints, clips, fixings, dressing to profiles, angles, corners, stop ends and all necessary cutting and forming; complete in accordance architects specification					
A	girth 500mm, two folds	55	m			
	WOODWORK: Insulation, Ironmongery, Accessories and Sundries					
	Insulation					
	Cavity closer including DPC; Rigid thermal insulation board laid horizontally over top of parapet beneath Sika-Trocal S membrane capping, including cutting and fitting at corners, junctions and abutments, all necessary fixings and accessories; complete as detailed and in accordance with manufacturer's recommendations.					
	Coverings; horizontally					
B	>300mm wide	51	m2			
	150mm thick rigid thermal insulation to flat roof, comprising 2 No. layers of 75mm thick rigid insulation boards, laid with staggered joints over prepared roof deck/vapour control layer, including cutting and fitting around abutments, upstands and penetrations, all necessary fixings and accessories; complete in accordance with manufacturer's recommendations and as detailed					
	Coverings; horizontally					
C	>300mm wide	147	m2			

	Description	Qty	Unit	Rate	€	c
	MONOPITCH ROOF					
	Roofing, Cladding and Waterproofing: Rigid Sheet Coverings and Decking					
	Coverings					
	150 mm insulated composite metal roof panels: Proprietary 150 mm thick factory-manufactured insulated metal composite roof panel system, colour and profile to match existing school roof; fixed to steel purlins in accordance with manufacturer's recommendations; including external and internal profiled metal sheets, insulation core, side and end laps, seals, tapes, proprietary fasteners and washers, closures, fillers, cutting and fitting around obstructions and all necessary accessories; complete. Roof structure and supporting steelwork measured separately.					
A	> 300mm wide: <45 degree pitch	353	m2			
	Seamless aluminium soffit system: Proprietary pre-finished seamless aluminium soffit system to eaves, colour and finish as specified; including support system, trims, joints, angles, closures, cutting, forming, fixings and all necessary accessories; installed strictly in accordance with manufacturer's recommendations; including provision of continuous eaves ventilation equivalent to minimum 25 mm wide continuous strip; complete.					
B	< 300mm wide	110	m			
	Seamless aluminium fascia: Proprietary pre-finished seamless aluminium fascia system to roof eaves, colour and finish as specified; including backing/supports where required, joints, angles, corners, stop ends, trims, cutting, forming, fixings and all necessary accessories; installed strictly in accordance with manufacturer's recommendations; complete.					
C	< 300mm wide	79	m			
	Seamless aluminium barge board: Proprietary pre-finished seamless aluminium barge board system to verges of roof, colour and finish as specified; including backing/supports where required, joints, angles, junctions, stop ends, trims, cutting, forming, fixings and all necessary accessories; installed strictly in accordance with manufacturer's recommendations; complete.					
D	< 300mm wide	32	m			

	Description	Qty	Unit	Rate	€	c
	Flashings:					
	Pressed metal Ridge flashing to selected RAL Colour including all junctions, fixings and sealants; to Architects and Engineer drawings and specifications					
A	girth 300mm, three fold	38	m			
	Pressed metal Corner/Junction flashings flashing: to selected RAL Colour including all junctions, fixings and sealants; to Architects and Engineer drawings and specifications					
B	girth 300mm, three fold (connection to existing)	11	m			
				To Collection €		

Description	Qty	Unit	Rate	€	c
COLLECTION					
Page No. Q/1					
Page No. Q/2					
Page No. Q/3					
Page No. Q/4					
Page No. Q/5					
(47) ROOF FINISHES Carried to Summary					

	Description	Qty	Unit	Rate	€	c
	(52) DRAINAGE & REFUSE DISPOSAL					
	DRAINAGE: Disposal Above Ground					
	Pipes					
	Aluminium Downpipes; 110mm diameter PPC alumminium to RAL colour to architects selection connected to gutter above; All downpipes to discharge to gully below.all as per Architects drawings and specifications					
A	vertical; 110mm diameter	50	m			
	Gutters					
	aluminium gutter; include for all necessary fixings and sealants as required; all to manufacturers specifications; all as per Architects drawings and specifications					
B	girth 800mm; 6 folds	42	m			
	extra over on pipes on which they occur:					
C	Shoes for downpipes	6	each			
D	Gutter outlets	6	each			
E	Bends	6	each			
	Hopper unit					
F	Pre-finished aluminium rainwater hopper: Proprietary aluminium rainwater hopper, size and profile as detailed, colour/finish as specified, fixed to external wall and connected between flat roof outlet and rainwater downpipe; including connections, brackets, fixings, sealants and all necessary fittings and accessories; complete.	5	nr			

Description	Qty	Unit	Rate	€	c
COLLECTION					
Page No. R/1					
(52) DRAINAGE & REFUSE DISPOSAL Carried to Summary					

	Description	Qty	Unit	Rate	€	c
	(59) MECHANICAL INSTALLATIONS					
	NOTES					
	Generally					
A	all systems are to be concealed insofar as is practicable					
B	Mechanical Installations are to be priced in accordance with the Mechanical Pricing Document included in the tender document provided by the Services Consultant; all in accordance with Services Consultant Drawings and Specifications provided in Volume A Works Requirements					
	Notes on compliance with ARM4, including Supplements 1 & 2					
	the mechanical installation works in this element have not been measured in accordance with ARM4 Supplement 2; contractors should refer to the Services Engineers pricing documents included within the tender documents; the contractor MUST include all costs associated with the mechanical works installations detailed in the Works Requirements Drawings and Specifications issued for tender		noidn			
	MECHANICAL INSTALLATIONS					
	Mechanical Installation Generally					
	Amount for Mechanical Installation					
	Provide for mechanical installation as per Services Engineers tender document					
C	Preliminaries	1	Item			
D	Oil Services	1	Item			
E	Above ground Soils and Waste	1	Item			
F	Fire Services	1	Item			
G	Heating Installation	1	Item			
H	Ventilation Services	1	Item			
J	Hot and Cold Water Services	1	Item			
K	Testing & Commissioning	1	Item			
L	Controls	1	Item			

	Description	Qty	Unit	Rate	€	c
A	O & M Manuals with As installed drawings	1	Item			
B	Stripout	1	Item			
C	Specific other items	1	Item			
	MECHANICAL INSTALLATION					
	BUILDERS WORK IN CONNECTION WITH MECHANICAL INSTALLATIONS					
	Sundries					
	Marking up position of holes, mortices and chases					
D	Generally; as per schedule from Services Engineers document	1	Item			
	Lifting and Hoisting					
E	Generally; as per schedule from Services Engineers document	1	Item			
	Forming or cutting holes; firestopping with fire tender barrier system or equal and approved					
	Through plastered ceilings, precast concrete slab; trimming openings as required;					
F	Pipes; nominal size not exceeding 55mm; circular	20	no			
G	Pipes; nominal size 55-110mm	10	no			
H	Pipes; nominal size 200mm, circular.	5	no			
J	Ducts; 150 x 75mm in size	5	no			
K	Ducts; 150 x 150mm in size	2	no			
L	Ducts; 250 x 150mm in size	2	no			
	Through plastered ceilings; trimming openings as required;					
M	Pipes; nominal size not exceeding 55mm; circular	10	no			
N	Pipes; nominal size 55-110mm	5	no			
P	Pipes; nominal size 200mm, circular.	5	no			
Q	Ducts; 150 x 75mm in size	5	no			
R	Ducts; 120 x 120mm in size	5	no			

	Description	Qty	Unit	Rate	€	c
A	Ducts; 150 x 150mm in size	2	no			
B	Ducts; 250 x 150mm in size	2	no			
C	Ducts; 200 x 200mm in size	2	no			
	Through timber and membrance roof finishes; trimming openings as required;					
D	Pipes; nominal size not exceeding 55mm; circular	5	no			
E	Pipes; nominal size 55-110mm, circular.	5	no			
F	Pipes; nominal size exceeding 110mm; circular	2	no			
G	Pipes; nominal size 200mm, circular.	2	no			
	Through 100mm thick blockwork wall					
H	Pipes; nominal size not exceeding 55mm; circular	10	no			
J	Pipes; nominal size 55-110mm	5	no			
K	Pipes; nominal size exceeding 110mm	5	no			
L	Ducts; 150 x 75mm in size	5	no			
	Through 225mm thick solid blockwork wall					
M	Pipes; nominal size not exceeding 55mm; circular	10	no			
N	Pipes; nominal size 55-110mm	10	no			
P	Pipes; nominal size exceeding 110mm; circular	5	no			
Q	Ducts; 150 x 75mm in size	10	no			
R	Ducts; 300 x 150mm in size	8	no			
	Through 475mm cavity walls					
S	Pipes; nominal size not exceeding 55mm; circular	10	no			
T	Pipes; nominal size 55-110mm, circular.	10	no			
U	Pipes; nominal size exceeding 110mm; circular	5	no			
V	Ducts; 150 x 75mm in size	5	no			
W	Ducts; 200 x 200mm in size	5	no			
X	Ducts; 300 x 150mm in size	2	no			
				To Collection €		

	Description	Qty	Unit	Rate	€	c
	Through insulated panel roof					
A	Pipes; nominal size 55-110mm, circular; including flashing cover	5	no			
B	Pipes; nominal size exceeding 110mm; circular; including flashing cover	5	no			
	Through precast floor slab					
C	Pipes; nominal size not exceeding 55mm; circular	10	no			
D	Pipes; nominal size 55-110mm, circular.	5	no			
E	Pipes; nominal size exceeding 110mm; circular	2	no			
F	Ducts; 100 x 200mm in size	2	no			
G	Ducts; 150 x 75mm in size	2	no			
H	Ducts; 200 x 200mm in size	2	no			
J	Ducts; 300 x 150mm in size	2	no			
	Plinths; reinforced concrete plinths; including formwork; reinforcement; steel float surface finish; chamfer finish to perimeter; all in accordance with the consulting engineers drawings and specification					
	Plinths					
K	5000mm x 3000mm x 100mm thick	1	no			
L	800mm x 800mm x 100mm thick	1	no			
M	500mm x 500mm x 100mm	1	no			
	FLOOR, WALL AND CEILING FINISHES					
	WOODWORK					
	Timber grounds for fittings / radiators					
	grounds					
N	Generally	45	no			

	Description	Qty	Unit	Rate	€	c
	PAINTING AND DECORATING					
	PAINTING					
	Primer; two coats metal grade paint					
	pipework					
A	Pipes; nominal size 55-110mm, circular.	500	m			
	ducting					
B	Generally; girth 150 - 300mm	200	m			

Description	Qty	Unit	Rate	€	c
COLLECTION					
Page No. S/1					
Page No. S/2					
Page No. S/3					
Page No. S/4					
Page No. S/5					
(59) MECHANICAL INSTALLATIONS Carried to Summary					

	Description	Qty	Unit	Rate	€	c
	(69) ELECTRICAL INSTALLATIONS					
	NOTES					
	Generally					
A	all systems are to be concealed insofar as is practicable					
B	Mechanical Installations are to be priced in accordance with the Mechanical Pricing Document included in the tender document provided by the Services Consultant; all in accordance with Services Consultant Drawings and Specifications provided in Volume A Works Requirements					
	Notes on compliance with ARM4, including Supplements 1 & 2					
	the electrical installation works in this element have not been measured in accordance with ARM4 Supplement 2; contractors should refer to the Services Engineers pricing documents included within the tender documents; the contractor MUST include all costs associated with the electrical works installations detailed in the Works Requirements Drawings and Specifications issued for tender		noidn			
	ELECTRICAL. INSTALLATIONS					
	Electrical Installation Generally					
	Amount for Electrical Installation					
	Provide for electrical installation as per Services Engineers tender document					
C	Preliminaries	1	Item			
D	Swithgear & Containment	1	Item			
E	General Services	1	Item			
F	Lighting Installation	1	Item			
G	Fire Alarm installation	1	Item			
H	Data Installation	1	Item			
J	Earthing & Bonding	1	Item			
K	Mechanical wiring	1	Item			
L	Security installation	1	Item			

To Collection €

	Description	Qty	Unit	Rate	€	c
A	Specific other items	1	Item			
B	Testing & Commissioning	1	Item			
C	O & M Manuals with As installed drawings	1	Item			
	ELECTRICAL INSTALLATION					
	BUILDERS WORK IN CONNECTION WITH ELECTRICAL INSTALLATIONS					
	Sundries					
	Marking up position of holes, mortices and chases					
D	Generally; as per schedule from Services Engineers document	1	Item			
	Lifting and Hoisting					
E	Generally; as per schedule from Services Engineers document	1	Item			
	Forming or cutting holes; firestopping with fire tender barrier system or equal and approved					
	Through plastered ceilings, precast concrete slab; trimming openings as required;					
F	Pipes; nominal size not exceeding 55mm; circular	10	no			
G	Pipes; nominal size 55-110mm	5	no			
H	Pipes; nominal size 200mm, circular.	2	no			
J	Ducts; 150 x 750mm in size	10	no			
K	Ducts; 300 x 150mm in size	10	no			
	Through plastered ceilings; trimming openings as required;					
L	Pipes; nominal size not exceeding 55mm; circular	10	no			
M	Pipes; nominal size 55-110mm	10	no			
N	Pipes; nominal size 200mm, circular.	5	no			
P	Ducts; 150 x 75mm in size	2	no			
Q	Ducts; 300 x 150mm in size	5	no			
R	Ducts; 250 x 75mm in size	5	no			
				To Collection €		

	Description	Qty	Unit	Rate	€	c
	Through insulated metal roof panel finishes; trimming openings as required;					
A	Pipes; nominal size not exceeding 55mm; circular	5	no			
B	Pipes; nominal size 55-110mm, circular.	2	no			
C	Pipes; nominal size exceeding 110mm; circular	2	no			
D	Pipes; nominal size 200mm, circular.	2	no			
	Through timber and membrance roof finishes; trimming openings as required;					
E	Pipes; nominal size not exceeding 55mm; circular	5	no			
F	Pipes; nominal size 55-110mm, circular.	2	no			
G	Pipes; nominal size exceeding 110mm; circular	2	no			
H	Pipes; nominal size 200mm, circular.	2	no			
	Through 100mm thick blockwork wall					
J	Pipes; nominal size not exceeding 55mm; circular	15	no			
K	Pipes; nominal size 55-110mm	10	no			
L	Pipes; nominal size exceeding 110mm	5	no			
M	Ducts; 175 x 75mm in size	10	no			
N	Ducts; 300 x 150mm in size	10	no			
	Through 225mm thick solid blockwork wall					
P	Pipes; nominal size not exceeding 55mm; circular	10	no			
Q	Pipes; nominal size 55-110mm	5	no			
R	Pipes; nominal size exceeding 110mm; circular	5	no			
S	Ducts; 150 x 75mm in size	10	no			
T	Ducts; 300 x 150mm in size	10	no			
U	Ducts; 250 x 75mm in size	2	no			
	Through 475mm cavity walls					
V	Pipes; nominal size not exceeding 55mm; circular	10	no			
W	Pipes; nominal size 55-110mm, circular.	10	no			

	Description	Qty	Unit	Rate	€	c
A	Pipes; nominal size exceeding 110mm; circular	5	no			
B	Ducts; 150 x 75mm in size	5	no			
C	Ducts; 300 x 150mm in size	5	no			
	Through precast floor slab					
D	Pipes; nominal size not exceeding 55mm; circular	10	no			
E	Pipes; nominal size 55-110mm, circular.	5	no			
F	Pipes; nominal size exceeding 110mm; circular	5	no			
G	Ducts; 150 x 75mm in size	5	no			
H	Ducts; 300 x 150mm in size	5	no			
	Chasing into blockwork and stonework walls					
	chasing					
J	Generally;25mm x 25mm	50	m			
	LIGHTING/POWER INSTALLATIONS GENERALLY					
	Sundries and builderswork					
	Holes, mortices, chases and the like					
K	Double socket outlets	1	item			
L	single socket outlets	1	item			
M	Light switches	1	item			
N	Smoke detectors	1	item			
P	Break glass units	1	item			
Q	Fire alarm sounders	1	item			
R	data outlets	1	item			
S	wall mounted lights	1	item			
T	telephone points	1	item			
U	pull cord switch	1	item			
				To Collection €		

	Description	Qty	Unit	Rate	€	c
	FLOOR, WALL AND CEILING FINISHES					
	WOODWORK					
	Timber grounds for fittings					
	50mm x 50mm treated timber grounds for light fittings					
A	200 x 200mm in size	120	no			
	Timber attic tank base					
	Base comprising 24mm plywood deck, 100 x 75mm bearers at 400mm centers; to support 1000kg; as per architects details					
B	2500mm x 2000mm plan size	1	no			
	METALWORK					
	NON-STRUCTURAL					
	Galvanised mild steel conduit					
	Surface fixed					
C	nominal size not exceeding 55mm; circular	220	m			
	PAINTING AND DECORATING					
	PAINTING					
	Primer; two coats metal grade paint					
	pipework / Conduit					
D	Pipes; nominal size 55-110mm, circular.	40	m			
	ducting					
E	Generally; 450 - 600mm girth	50	m			
	cable tray					
F	Generally; 150 - 300mm girth	50	m			

Description	Qty	Unit	Rate	€	c
COLLECTION					
Page No. T/1					
Page No. T/2					
Page No. T/3					
Page No. T/4					
Page No. T/5					
(69) ELECTRICAL INSTALLATIONS Carried to Summary					

	Description	Qty	Unit	Rate	€	c
	(73) CULINARY FITTINGS					
	(73) CULINARY FITTINGS					
A	refer to Architect drawing for schematics		Note			
	Daily Living Skills Kitchen units; 19mm formica faced doors and panels to selected colour, door hinges, locks to doors, handles aluminium, 50mm postformed formica laminate worktop to selected colour; integrated fridge, dishwasher, microwave; built in oven space; including vents and extractor hood; all in accordance with Architects drawings and specification					
	Daily Living kitchen					
B	Base unit; full height unit and wall units; L Shaped; 3150mm long x 4700mm long; base units 850mm high; full height units 2250 high; wall units 800 mm high; all as per Architects details	1	nr			
	Sink Unit to Safe Base Classroom; 19mm formica faced doors and panels to selected colour, door hinges, locks to doors, handles aluminium, 50mm postformed formica laminate worktop to selected colour; stainless steel sink and taps; all in accordance with Architects drawings and specification					
	Sink Unit to SEN classroom					
C	1600mm long x 2200mm high	2	nr			
	Sluice room Storage room units; 19mm formica faced doors and panels to selected colour, door hinges, locks to doors, handles aluminium, 50mm postformed formica laminate worktop to selected colour; stainless steel sink; open mdf shelving; all in accordance with Architects drawings and specification					
	Sluice room Storage room units;					
D	Base unit and Full height unit; 3000mm long; base unit 850mm high; full height unit 2200mm high; all as per Architects details	1	nr			

	Description	Qty	Unit	Rate	€	c
	Shower room pack with folding shower seat and back support in grey, 3 x 60cm grab rails, 2 x hinged rails and 2 x 45cm grab rails, lever operated thermostatic mixer for concealed supplies, shower handset holder, handset & hose, fixed short projection shower head, lever operated diverter, shower curtain and shower rail					
	SEN Classroom accessible toilet					
A	shower room pack	1	nr			

Description	Qty	Unit	Rate	€	c
COLLECTION					
Page No. U/1					
Page No. U/2					
(73) CULINARY FITTINGS Carried to Summary					

	Description	Qty	Unit	Rate	€	c
	(74) SANITARY FITTINGS					
	NOTES					
	1.For a general description of the work contained in this section, the Contractor is referred to the architects drawings, specifications and schedules		note			
	2.All fittings to have silicone sealed joint to walls and floors as per Specification and all unit rates below will be deemed to include for same.		note			
	FITTINGS: Fittings, Equipment & Furniture					
	Supply and fix vitreous china WC suite, comprising close-coupled WC pan and cistern, complete with heavy-duty toilet seat and cover, dual-flush mechanism, inlet and outlet connections, isolation valve, fixings, brackets, seals and all necessary fittings; connect to water supply and soil pipe; bed, joint, test and leave complete and fully operational, all in accordance with manufacturer's instructions.					
	W.C. Suites					
A	Fixed in accordance with manufacturers instructions	3	nr			
	Supply and fix vitreous china wash-hand basin suitable for school use, complete with tap hole(s), chromium-plated mixer/pillar tap(s), waste fitting, plug and chain or click waste as specified, bottle trap, isolation valves, hot and cold water connections, brackets, fixings, sealant and all necessary fittings; connect to water supply and waste pipework; joint, seal, test and leave complete and fully operational					
	Sink					
B	Fixed in accordance with manufacturers instructions	3	nr			

	Description	Qty	Unit	Rate	€	c
	Supply and fix complete accessible WC suite suitable for school use, comprising vitreous china WC pan, close-coupled or concealed cistern with accessible flush control, heavy-duty toilet seat, wash-hand basin with lever-operated mixer tap, wastes and traps, hot and cold water connections, isolation valves, fixed and hinged support/grab rails, toilet roll holder and all associated brackets, fixings, seals and fittings; connect to water supply, waste and soil pipework; joint, seal, test and leave complete and fully operational.					
	Disabled Accessible Toilet					
A	fixed in accordnace with manufacturers instructions	1	nr			
	Proprietary thermostatically controlled shower suitable for Doc M accessible shower room, comprising thermostatic shower valve with anti-scald temperature control, adjustable shower head and hose on vertical grab/slide rail, additional fixed shower head where specified, lever controls suitable for use by persons with disabilities, associated brackets, fittings and accessories; including connections to hot and cold water supplies, fixing to wall/background, and all necessary sundry fittings; complete and installed in accordance with manufacturer's recommendations.					
	Disabled Accessible Shower					
B	fixed in accordnace with manufacturers instructions	1	nr			
	Accessories					
	Supply and install; toilet roll holder for Contour 21 hinged arm rail; all in strict accordance with the Architects Specification					
	Toilet Roll Holder					
C	^^^fitted in accordance with the manufacturers printed instructions	4	nr			
	Supply and install; wall mounted fixed grab rail, straight ; all in strict accordance with the Architects Specification					
	Handrails					
D	fixed in accordance with manufacturers printed instructions;	7	nr			

	Description	Qty	Unit	Rate	€	c
	Supply and install; wall mounted Folding grab rail, straight ; all in strict accordance with the Architects Specification					
	Handrails					
A	fixed in accordance with manufacturers printed instructions;	5	nr			
	Towel dispenser; As per Architects Specification					
B	As per Architects Specification	4	nr			
	soap dispenser; As per Architects Specification					
C	As per Architects Specification	4	nr			
	Mirror; As per Architects drawings and specification. Refer to Architect drawings; including all fixings and sealants.					
D	400mm x 800mm	4	each			

Description	Qty	Unit	Rate	€	c
COLLECTION					
Page No. V/1					
Page No. V/2					
Page No. V/3					
(74) SANITARY FITTINGS Carried to Summary					

	Description	Qty	Unit	Rate	€	c
	(79) FITTINGS GENERALLY					
	(71) FITTINGS GENERALLY					
	Magnetic White Boards; mechanically fixed to walls; as per Architect details and specification					
	Magnetic White Boards					
A	2400mm x 1200mm high approx overall size	8	nr			
	Notice Boards; mechanically fixed to walls; as per Architect details and specification					
	Notice Boards					
B	2400mm x 1200mm high approx overall size	6	nr			
	External Wall Signage					
	External Wall Signage					
C	Removal of existing 'Bunscoil Ris, Edmund Rice, Senior School' sign from external wall, store part for re-use and dispose remaining	1	nr			
D	Refit 'Bunscoil Ris, Edmund Rice, Senior School' sign to external wall; including all supports and fixings, cleaning before refitting	1	nr			
E	Supply and Fit new School LOGO to external wall; including all supports and fixings, material to match existing sign	1	nr			
F	'Bunscoil Ris, Edmund Rice, Senior School' sign in brushed stainless steel letters with 30mm return; 400mm high letters	1	nr			
	Storage units to Safe Base Classroom; formica faced doors and panels to selected colourdoor hinges, locks to doors, handles aluminium, stainless steel sink and taps; sliding doors; all in accordance with Architects drawings and specification					
	Storage units to SEN Classroom					
G	2900mm long x 2400mm high	2	nr			

	Description	Qty	Unit	Rate	€	c
	ICT Bench/Computer Counter to Safe Base Classroom; 50mm postformed table top with aluninium supports; dividing panels; holes for services; all as per Architects details					
	ICT Bench/Computer counter to SEN Classroom					
A	4400mm long x 750mm deep x 750mm high	2	nr			
B	Shelving to Storage;					
	Storage Shelving; wall hung 300mm deep open shelving unit in 50mm hardwood veneered plywood with hardwood edging; mild steel galvanised support brackets; mechanically fixed to walls; as per architects details					
	Storage Shelving					
C	L shaped 2220mm long x 3293mm long; 450mm deep; 2200mm high	2	nr			
D	L shaped 1800mm long x 2921mm long; 450mm deep; 2200mm high	1	nr			
	Coat hook & Shelving; wall hung 300mm deep open shelving unit in 25mm birch veneered plywood with hardwood edging; 30 no. coat hooks to be supplied and fitted by main contractor on backing board manufactured in formica face 0r E/A high pressure laminate bonded on 18mm thick chipboard with PVC edging with all colours selected by architect; as per architects drawing					
	Coat hook & shelving					
E	200mm long, 785mm deep	2	nr			

	Description	Qty	Unit	Rate	€	c
	Internal General Directory; supply and fix signage to BS 559; by a firm specialising in this type of signage; with proven records and references to satisfaction of Architect; Extruder aluminium profile on cast mounting racket. Interchangeable panels, accessed by a magnetic key activating a hidden spring lock in the mounting backet. Sizes, main panel 150x1200mm (text height 50mm), floor level panels 40mm high x 600mm long (text height 25mm_, Room no. name & teacher name 40x100mm, 40x250mm & 40x250mm (text height 25mm). Individual vinyl lettering 7-10 year vinyl, size 50/25 mm high, font Verdana Bold and Verdan Normal. Braille - etched recesses to aluminium panel with acrylic beads, 15mm high; Satin finish / colours tbc ; Manufactured by Re-Imagine or similar approved; all in accordance with Architects drawings and Specifications					
	Internal General Directory Sign to Lobby Area					
A	150mm x 1200mm high approx overall size	1	no			
	Internal Individual door signs; supply and fix signage to BS 559; by a firm specialising in this type of signage; with proven records and references to satisfaction of Architect;Stainless steel sign containing school crest & room name in English, mechanically fixed, 20x250mm; to match existing; all in accordance with Architects drawings and Specifications					
	Individual Door Signs					
B	20mm x 250mm high approx overall size	18	no			
	Supply and install manually operated roller blinds; All blinds to be operated by heavy duty contract steel tube spring-less rollers, complete with side winder endless ball chain control units and child safety clips appropriately sized for each opening and shall be in compliance with Irish Standard ISEN 13120 Internal Blinds; all installed in accordance with Architects Drawing and Architects specification					
	Window Blinds;					
C	to windows - 1125mm long (including frame)	2	nr			
D	to windows - 1575mm long (including frame)	1	nr			
E	to windows - 4800mm long (including frame)	2	nr			

	Description	Qty	Unit	Rate	€	c
A	to windows - 675mm long (including frame)	5	nr			
B	to windows - 1350mm long (including frame)	1	nr			
C	to windows - 1550mm long (including frame)	1	nr			
D	to windows - 1800mm long (including frame)	1	nr			
E	to windows - 1980mm long (including frame)	4	nr			
F	to windows - 3411mm long (including frame)	1	nr			

Description	Qty	Unit	Rate	€	c
COLLECTION					
Page No. W/1					
Page No. W/2					
Page No. W/3					
Page No. W/4					
(79) FITTINGS GENERALLY Carried to Summary					

	Description	Qty	Unit	Rate	€	c
	WORKS IN EXISTING BUILDING					
	(14) DEMOLITION AND ALTERATION					
	Demolition					
	Demolishing parts of structures					
	Carefully remove and dispose of existing external door, frame, ironmongery, trims, sealants and associated fittings; enlarge existing structural opening to dimensions shown on drawings, including cutting out existing wall construction, making good disturbed surfaces, forming straight and true jambs, head and sill, and all necessary temporary support, protection, disposal of arising material and making good ready to receive new door/frame; complete					
A	for new fire escape lobby at ground floor	1	item			
	Carefully remove and dispose of existing external window, frame, glazing, cills, trims, sealants and associated fittings; block up existing opening with new masonry construction to match existing adjoining wall construction, including insulation where applicable, bonding new work to existing, making good internal and external finishes to match existing surrounding surfaces, and all necessary cutting, fitting, disposal of arising material and making good; complete					
B	to existing stairwell	1	item			
	Carefully form new window opening in existing external wall construction, including temporary support as necessary; provide and install suitable lintel over opening ; cut, break out and remove existing wall construction; form neat jambs, head and sill; make good all disturbed finishes internally and externally to match existing adjacent surfaces; remove debris from site; all necessary cutting, trimming, packing and making good complete, ready to receive new window.					
C	to existing stairwell; window size to ope 2175mm high x 1550mm wide	1	item			
	Contractor to allow for demolition and disposal of existing rear external wall to top of existing first floor to facilitate construction of new extension and make good; Refer to Architect Drawing; All works in accordance with Architects drawing and specifications					
D	for new link corridor at first floor level; 440mm thick	16	m2			

	Description	Qty	Unit	Rate	€	c
	Contractor to allow for demolition and disposal of existing rear internal wall to top of existing first floor to facilitate construction of new extension and make good; Refer to Architect Drawing; All works in accordance with Architects drawing and specifications					
A	for new link corridor at first floor level; 215mm thick	19	m2			
	Contractor to allow for removal and disposal of existing internal floor finishes including skirtings: Refer to Architect Drawing; All works in accordance with Architects drawing and specifications					
B	generally	86	m2			
	Contractor to allow for removal and disposal of existing internal storage units to existing first floor classroom, including, sealants and trims associated: Refer to Architect Drawing; All works in accordance with Architects drawing and specifications					
C	Generally	1	item			
	Contractor to allow for removal and disposal of existing internal ceiling finishes including trims, sealants and trims associated: Refer to Architect Drawing; All works in accordance with Architects drawing and specifications					
D	Vaulted	96	m2			
	Contractor to allow for removal and disposal of existing internal ceiling finishes including trims, sealants and trims associated: Refer to Architect Drawing; All works in accordance with Architects drawing and specifications					
E	Horizontal	208	m2			
	Contractor to allow for removal and disposal of existing external fascia and soffit; including trims, sealants and trims associated: Refer to Architect Drawing; All works in accordance with Architects drawing and specifications					
F	existing fascia and soffit	15	m			
	Contractor to allow for removal and disposal of existing external electrical cabinet; including trims, sealants and trims associated: Refer to Architect Drawing; All works in accordance with Architects drawing and specifications					
G	Generally	1	item			
				To Collection €		

	Description	Qty	Unit	Rate	€	c
	Contractor to allow for removal and disposal of all fixtures and fittings to where works in existing will be carried out; : Refer to Architect Drawing; All works in accordance with Architects drawing and specifications					
A	Generally	1	item			
	Making good existing finishes					
	Allow for all necessary remedial works for any damage caused; All works in accordance with Architects drawing and specifications					
B	generally	1	item			
	Temporary propping					
	Contractor to allow for all temporary propping and temporary design as per engineers details					
C	generally	1	item			
	Temporary screens					
	Contractor to allow for installation and removal of screening/partitions where required to segregate demolition and construction within revised layout areas; Refer to Architect Drawings; All works in accordance with Architects drawing and specifications					
D	generally	1	item			
	Alterations					
	Cutting					
	Alteration of ceiling, roof structure and roof finish for tying in new to existing roof; All works in accordance with Architects drawing and specifications					
E	generally	13	m			
	Removing					
	Finishes					
	Strip existing roof finish and dispose; where existing roof is overlapped by new roof finish to extension; as per architects drawings & specifications					
F	exceeding 300mm wide	26	m2			

	Description	Qty	Unit	Rate	€	c
	Treatment and Repairs					
	Cleaning surfaces					
	Contractor to allow for cleaning down, preparation and making good of existing surfaces to receive new finishes					
A	floors; concrete	72	m2			
B	internal walls; blockwork	145	m2			
	Render & Plaster Repair					
	Repairing existing external render to blockwork walls disturbed by the works; to match existing render finish; as per architects details & specfications					
C	exceeding 300mm wide	60	m2			
	Carefully hack off existing external plaster/render finish to walls, including removal of all loose, defective and hollow material; prepare, clean and repair existing background as necessary; provide and apply new suitable backing/render coat and finish, including beads, mesh reinforcement and making good at junctions, reveals and adjoining finishes; leave surface true, even and ready to receive specified decorative finish; remove and dispose of all arising material; complete					
D	exceeding 300mm wide	57	m2			
	(19) SUBSTRUCTURE					
	NOTES					
E	Where formwork has not been measured to the sides of foundations. Tendering Contractors are to include within rates below an allowance (if any) for formwork or over-spill of concrete as they may deem necessary.		note			
F	the Contractor is to make sure that all the concrete used in the development is to be low carbon as per Engineer Specifications.					
	Underpinning					
	Excavation; excavation & disposal					
	Under existing structure; access from one side. Refer to Engineer drawings and details 4-4					
G	maximum depths not exceeding 2.0m deep	8	m3			

	Description	Qty	Unit	Rate	€	c
	Working space					
A	Access from one side	9	m2			
	CONCRETE WORK					
	In-Situ Concrete					
	foundations					
B	Reinforced in-situ concrete; grade C30/37; as per Engineers Drawings and Specifications	3	m3			
	Reinforcement					
	Dowels; existing concrete floor slab into new concrete floor slab to extension; as per engineers drawing & specifications					
C	600mm long @ 400mm c/c	10	m			
	Fabric; to BS 4483; hard drawn mild steel wire to BS 4482; lapped as indicated (no allowance in measurement for laps)					
	Reference A393					
D	horizontal; to foundations	9	m2			
	(22) INTERNAL WALLS					
	NOTES					
	1. The Tenderer is advised that all measurements and descriptions shall be read in conjunction with the Architect's Drawings and Specification		Noidn			
	2. For details of the nature and extent of the works to be carried out in this section, the Tenderer's shall refer to all Architect's Drawings and Specifications.		Noidn			
	3. Notwithstanding that this Bill of Quantities is measured in accordance with the ARM5 and that all head, sole and vertical studs have been measured the Tenderer should note that any additional bearers required for skirtings and the like will be deemed to be included in the unit rates.		Noidn			
	4. The Tenderer shall include for all working around obstructions, newly installed services and the like.		Noidn			
	5. The Tenderer shall provide to the Architects samples of all proposed finishes prior to ordering and shall be deemed to have included for such samples within the unit rates.		Noidn			

	Description	Qty	Unit	Rate	€	c
	CONCRETE WORK: Precast Concrete / Composite Construction / Stone Faced Concrete Panels					
	Lintels; precast, prestressed units					
	Lintels					
	Type L2: 215 x 215mm deep, prestressed concrete lintel					
A	1.2 m long	2	no			
	BRICKWORK AND BLOCKWORK: Brickwork / Blockwork					
	Blocks to BS EN 771-3; with a compressive strength of 7.5kN; all in accordance with Architect's Specification and Engineers specification					
	Walls					
B	215mm thick	59	m2			
C	400mm thick	4	m2			
	(31) EXTERNAL WALL COMPLETIONS DOR					
	NOTES					
D	For details of the nature and extent of the works to be carried out in this section refer to the relevant drawings, specifications and schedules		note			
E	Dimensions provided are indicative, all dimensions should be agreed with the main contractor on site, before manufacturing begins.		note			
F	All glazing to comply with building regulations at time of building		note			
G	Architects specification document should be reviewed in conjunction with project drawings.		note			
H	frame anchors and all mortices, holes etc. of all external doorsets is deemed to be included		note			
J	rockwool/non-combustible expanding foam packing between the frame and structure of all doorsets is deemed to be included		note			
K	ironmongery is deemed to be included		note			

	Description	Qty	Unit	Rate	€	c
A	all windows and doors to be draught proofed upon installation using approved draught proofing tape minimum 60mm wide flexible tape to internal wall & frame		note			
B	building envelope air permeability test (fan pressurisation rest) to be carried out prior to completion is to EN 13829 2000. Test results to be supplied on completion of work. If test result falls below the minimum permeability requirement, proof of remedial works and re-testing mest be supplied.		note			
C	For details of the nature and extent of the works to be carried out in this section refer to the relevant drawings, specifications and schedules		note			
	WOODWORK: Boarding & Second Fixings					
	MDF window board as indicated secret fixed to internal leaf. Provide flexible air sealant between wall, window lining boards & window frame as per Architects drawings and specification					
	Second Fixing; window boards; 25mm thick					
D	300mm deep	2	m			
	MDF liners to windows; screw fixed to battens; plugging and countersinking all in strict accordance with the Architect's Drawing and Specification					
	Second Fixing; window liners; ex 19mm thick					
E	girth 150 - 300mm; square edge; to surrounds of windows	6	m			
	MDF chamfered architraves to windows; screw fixed to battens; plugging and countersinking all in strict accordance with the Architect's Drawing and Specification					
	Second Fixing; Architrave; ex 19mm thick					
F	girth 150 - 300mm; square edge; to surrounds of windows	6	m			
	WOODWORK: Structural and First Fixings					
	METALWORK					
	Non Structural					
	COMPOSITE ITEMS					
	Windows (AOV)					

	Description	Qty	Unit	Rate	€	c
	All Windows and Doors to be ,polyester powder coated thermally broken Aluminium; energy efficient; to dark grey colour to match existing school RAL colour; All Windows and Doors in line with TGD-021-1- guidance on the specification of windows from Department of Education & NSAI standards; All Windows and Doors to achieve a minimum U-value of 1.2W/m²K, Triple glazed windows; toughened and laminated glass as required per the current regulations; trickle vents to match existing School; including all acciocated ironmongery all in accordance with Architect's Drawing and Specification, Sections. and the relevant manufacturers written recommendations.					
A	Window Type 7; overall size (including frame) 1550mm long x 2175mm high; comprising of (2) fixed glazed section and (1) openable glazed window section; Window number; 12 Note(AOV window to be allowed for and included on this window)	1	nr			
	Aluminium Cills: Provide and install 2.0 mm thick folded aluminium window cill, powder-coated dark grey to match existing window frames. Include sloping top, projecting and downturned front edge with drip, sealed end returns, fixings and weatherproofing, with final profile and dimensions all to match existing windows on site					
B	Girth, 150 - 300mm; 3 bends with drip detail	2	m			
	WOODWORK: Insulation, Ironmongery, Accessories and Sundries					
	<u>Sundries</u>					
	Airseals					
	Sealing tape; Pro-claima or similar air tightness tapes to seal junction of window and blockwork fitted with appropriate primers and fleece backed tapes as per manufacturers details and written specifications					
	to door and window Jambs, reveals, heads and cills					
C	girth not exceeding 150mm	8	m			

	Description	Qty	Unit	Rate	€	c
	PAINTING & DECORATING: Painting					
	Background surfaces to be prepared in accordance with specification; apply (1) initial coat of Wood Primer; (2) finishing coats; Colour - to be selected by Architect; and all in strict accordance with the Architects Drawings and Specification					
	General Surfaces					
A	girth 150 - 300mm; square edge; to surrounds of windows (Window Liners)	6	m			
B	girth 150 - 300mm; square edge; to surrounds of windows (Architrave)	6	m			
C	girth 150 - 300mm; round edge; (Window Boards)	2	m			
	(32) INTERNAL WALL COMPLETIONS DOR					
	NOTES					
	1. The Tenderer is advised that all measurements and descriptions shall be read in conjunction with the Architect's Drawings and Specification		noidn			
	2. For details of the nature and extent of the works to be carried out in this section, the Tenderer's shall refer to all Architect's Drawings and Specifications.		noidn			
	3. The Tenderer shall fully familiarise himself, both from the drawings and site, with the structure, extent and adequacy of supports being provided and shall include for any additional supports as may be necessary to complete this section of the works.		noidn			
	4. All drawings must be checked by the Contractor on site, the Design Team must be informed of any discrepancies (should they arise) prior to commencement of the works		noidn			
	5. The Tenderer is to agree exact site dimensions for openings and programming issues. No claims for additional costs will be entertained from failure to do so.		noidn			
	6. All doors shall be fixed into structural opes with and including all necessary fixings		noidn			
	7. The Tenderer shall provide to the Architects samples of all proposed finishes prior to ordering and shall be deemed to have included for such samples within the unit rates. Samples to be provided for one of each of the designated items as part of the quantity required for the project - TYPICAL INTERNAL DOOR SET					

	Description	Qty	Unit	Rate	€	c
A	8. Evidence of fire performance; provide certified evidence including school and ID number for the relevant doors; in the form of a product conformity certificate, directly relevant fire test report or engineering assessment, that each door/doorset/assembly supplied will comply with the specified requirements for fire resistance if tested to BS 476, EN 1634-1 or EN 1634-3. Such certification must cover door and frame materials, glass and glazing materials and their installation, essential and ancillary ironmongery, hinges and seals.		note			
	WOODWORK: Boarding & Second Fixings					
	MDF chamfered architraves; screw fixed to battens; plugging and countersinking all in strict accordance with the Architect's Drawing and Specification					
	Second Fixing; Architrave; ex 19mm thick					
B	100mm; square edge; to surrounds of Internal Doors	33	m			
	Second Fixing; door liners; ex 19mm thick					
C	215mm; Square edge; to surrounds of internal doors	17	m			
	WOODWORK: Composite Items					
	Fire rated doors and frame; Internal doors to be 44mm solid core doors (or 56mm if necessary for fire rating) Hardwood vineered; paint grade doors; with Primed and painted finish); colour to Architect later selection); set in hardwood frames with 2-part satin lacquered finish; All glazing to have an Impact rating "c" to BS 6206 and acoustic rating of Rw 35dB; glazing to be fire rated as necessary to required rating. Contractor to allow for the supply and fitting of all ironmongery to doors. Include for including 10mm wood packers, perimeter gap sealed with intumescent mastic capping to both sides of full depth expanding PU foam; fit smoke seals as required; all screw fixings to be recessed and plugged with and including selected timber dowels to match frame; where applicable concealed fixing for architraves; all in strict accordance with the Architect's Drawings and Specification					
	Door Type 10; double door (60 minutes) with Vision Panels					
D	overall structural opening 1800mm x 2100mm; Door Number: 29	1	nr			

	Description	Qty	Unit	Rate	€	c
	Door Type 15; single door (30 minutes); with vision panels					
A	overall structural opening 1000mm x 2100mm; Door Number: 28	1	nr			
	Door Type 17; single door (60 minutes); with vision panels					
B	overall structural opening 1000mm x 2100mm; Door Number: 27	1	nr			
	WOODWORK: Ironmongery, Accessories And Sundries					
	Ironmongery;					
	Supply and fix the following ironmongery items by Contractors proposed supplier; including all necessary fixings; all ironmongery to be stainless steel finish; detailed list to be prepared by ironmongery supplier; all to satisfaction of Architect all in strict accordances with the Architects specification and manufacturer's printed instructions; refer to Ironmongery Schedule					
	Ironmongery; to doors					
C	Satin Stainless Steel Grade 13 Ball Bearing Hinge	12	nr			
D	Intumescent Pads for Hinges	12	nr			
E	Concealed Silver Overhead Door Closer EN 2-4	4	nr			
F	Intumescent Pack to suit ITS11204	4	nr			
G	72mm c/c SSS Mortice Euro Sashlock	3	nr			
H	Satin Stainless Steel Return Lever on Rose Grade 4; pair	4	nr			
J	Satin Stainless Steel 50mm Euro Escutcheon	4	nr			
K	800x150mm Satin Stainless Steel Kicking Plates (Nominal Size Only)	8	nr			
L	Finger Guard Protectors to all doors	4	nr			
M	DH002 Satin Stainless Steel Floor Mounted Door stop	3	nr			
N	75mm dia Satin Stainless Steel "Fire Door Keep Shut" Sign	4	nr			
				To Collection €		

	Description	Qty	Unit	Rate	€	c
	PAINTING AND DECORATING: Painting					
	One coat of approved aluminium based primer to the contact face of members fixed permanently to blockwork or the like					
	General surfaces					
A	girth not exceeding 300mm; Architraves	33	m			
B	girth not exceeding 300mm; frames	17	m			
C	215mm; Square edge; to surrounds of internal doors	17	m			
	Dulux Easycare Satinwood or similar approved; to Architects Later Selection; 1 undercoat & 2 finish coats; and all in strict accordance with the Architect Specification Sections					
	General Surfaces					
D	girth not exceeding 300mm; Architraves	33	m			
E	girth not exceeding 300mm; frames	17	m			
F	215mm; Square edge; to surrounds of internal doors	17	m			
	(42) INTERNAL WALL FINISHES					
	NOTES					
G	the Contractor is required to allow for all labours, i.e. rounded angles, curved cutting, working up to and / or around all obstructions, protrusions, etc. in the rates		note			
H	Painting has been measured behind tiling in-lieu of wall sealer		note			
	This element is measured from relevant Architects Drawings and Specifications and Room Finishes Schedule		noidn			
	Internal corners to have silicone sealed joint to walls and floors where required as per Specification and all unit rates below will be deemed to include for same.		note			
				To Collection €		

	Description	Qty	Unit	Rate	€	c
	FLOOR, WALL & CEILING FINISHES: Finishings					
	Walls: Prepare blockwork background and apply scud coat, sand and cement base, proprietary gypsum plaster finish coat, finished smooth and even ready to receive decoration; including bonding agents where required, forming internal angles, arises and reveals, working around openings and services, and all necessary labour and materials; complete in accordance with manufacturer 's recommendations.					
A	to blockwork substrate	93	m2			
	PAINTING AND DECORATING: Painting					
	Wall surface to be prepared and cleaned; apply 1 coat Primer, 2 coats of Finish; all in strict accordance with the Architect's Drawings and Specification					
	Walls; to skimmed blockwork					
B	walls; exceeding 300mm	327	m2			
	(43) FLOOR FINISHES DOR					
	NOTES					
	The Tenderer is advised that the following measurements and descriptions are to be read in conjunction with the Architects and Structural Engineers Drawings and Specifications					
	The Contractor is to include in his tender for properly curing and drying out concrete ground floor slabs within the limits of the building programme to attain minimum moisture content as recommended by the manufacturers of the relevant sheet and brush applied floor coverings measured within this element; if these moisture levels are not achieved at the time of laying, then the contractor will be required to apply an approved patent trowel applied damp proof membrane over the slab and patent self levelling screed over same at his own expense					
	The Contractor is solely responsible for ensuring that the concrete floor slabs are sufficiently dried out before any floor finishes are laid					
	All timber to be FSC certified					
C	Concrete floors are to be finished to an acceptable standard for floor coverings and any uneven areas or blemishes are to be made good with a patent levelling screed or ground smooth where necessary at the contractors own expense		note			

	Description	Qty	Unit	Rate	€	c
A	the Contractor is required to allow for all labours, i.e. rounded angles, curved cutting, working up to and / or around all obstructions, protrusions, etc. in the rates		note			
B	the Contractor is to include in his tender for cleaning and polishing of finishes on completion of the works		note			
C	the Contractor is to include for all necessary transition strips within costs for floor finishes		note			
	WOODWORK					
	Boarding & Second Fixings					
	Skirtings; to be 150 x 19mm MDF skirting; securely fixed with stainless steel masonry nails at 900mm centres; skirting's to be fixed to all walls; as per architects details and specifications					
	To blockwork base					
D	skirting; 100 x 19mm	54	m			
	FLOOR, WALL AND CEILING FINISHES: Finishings					
	DPM And Levelling Compound					
	Leveling compound; supply and lay approved levelling compound to existing floors; all to Architects specifications					
	Floors; to concrete slab					
E	over 300mm wide	87	m2			
	Floors					
	Vinyl flooring; Forbo ModulUp 19db Colour Acoustic Vinyl or equal approved with R9 Slip Rating. Colour to be discussed with Architect & Client before construction. All materials for welding must be overlapped & grooved; before handover clean thoroughly with neutral detergent, rinse and dry; all as per manufacturers instructions and in strict accordance with Architects drawings and finishes schedule					
F	exceeding 300mm wide	76	m2			
	Labours					
G	making good / cutting to obstructions; girth not exceeding 300mm	1	item			

	Description	Qty	Unit	Rate	€	c
	Vinyl flooring; Forbo Surestep Aqua 2.00mm Vinyl Floor Finish or equal approved, coved skirtings with Slip Rating of R10 in all toilets; Colour to be discussed with Architect & Client before construction. All materials for welding must be overlapped & grooved.; before handover clean thoroughly with neutral detergent, rinse and dry; all as per manufacturers instructions and in strict accordance with Architects drawings and finishes schedule					
	Floors					
A	exceeding 300mm wide	11	m2			
	Labours					
B	making good / cutting to obstructions; girth not exceeding 300mm	1	item			
	Skirtings					
	Forbo Surestep Aqua 2.00mm or equivalent with Capping Strip and 20mm Cove-Former; contractor to allow for all mitering of corners, cutting and trimming to projections and obstructions as necessary; all fitted in strict accordance with manufacturers instructions; all as per Architects drawings and finishes schedule					
	Skirtings					
C	to blockwork; less than 300mm	20	m			
	PAINTING AND DECORATING: Painting					
	One coat of approved aluminium based primer to the contact face of members fixed permanently to blockwork or the like					
	General surfaces					
D	girth not exceeding 300mm; Skirting	54	m			
	Dulux Easycare Satinwood or similar approved; to Architects Later Selection; 1 undercoat & 2 finish coats; and all in strict accordance with the Architect Specification Sections					
	General Surfaces					
E	girth not exceeding 300mm; Skirting	54	m			

	Description	Qty	Unit	Rate	€	c
	(45) CEILING FINISHES DOR					
	NOTES					
A	metal angle beads and lathing at junctions of differing backgrounds are deemed to be included		note			
B	metal stop beads, irrespective of background, are deemed to be included		note			
	SUSPENDED CEILINGS					
	Contractor to allow for the replacement of removed existing internal suspended grid ceilings and finishes including trims, sealants and trims associated: Refer to Architect Drawing; All works in accordance with Architects drawing and specifications					
C	Horizontal	208	m2			
	Metal frame suspended ceiling system; 30min fire rated with Acoustic Plasterboard finish including skim finish and painted to architects selected colour. Contractor to include for galvanised steel unistruts to span between all purlins to support ceiling and baffles below. Location of unistruts to be co-ordinated with relevant sub-contractors; all as per architects details and specifications.					
	Ceilings; type 02b					
D	depth of suspension 0 - 500mm; fixed to roof structure	97	m2			
	Metal frame suspended ceiling system; with (30 minute) fire rated Plasterboard finish including skim finish and painted to architects selected colour. Contractor to include for galvanised steel unistruts to span between all purlins to support ceiling and baffles below. Location of unistruts to be co-ordinated with relevant sub-contractors; all as per architects details and specifications					
	Ceilings; type 03					
E	depth of suspension 0 - 500mm; fixed to roof structure	9	m2			

	Description	Qty	Unit	Rate	€	c
	Metal frame suspended ceiling system; with (60 minute) fire rated Plasterboard finish including skim finish and painted to architects selected colour. Contractor to include for galvanised steel unistruts to span between all purlins to support ceiling and baffles below. Location of unistruts to be co-ordinated with relevant sub-contractors; all as per architects details and specifications					
	Ceilings; type 04					
A	depth of suspension 500 - 1500mm; fixed to roof structure	22	m2			
	60min fire rated; 2 no layers fire liner Plasterboard finish; fixed to timber battens at 400mm centres; battens mechanically fixed to the precast concrete; tape and jointed finish; all as per architects details and specifications					
	Ceilings					
B	> 300mm wide	31	m2			
	WOODWORK: Insulation, Ironmongery, Accessories and Sundries					
	Sealant					
	Sealing tape and membrane; Pro-claim or similar air tightness tapes to seal junction of ceiling and blockwork prior to skim coat installation, fitted with appropriate primers and fleece backed tapes as per manufacturers details and written specifications					
C	> 300mm wide	127	m2			
D	not greater than 300mm wide	72	m			
	Acoustic Sealant: Sealant applied around perimeter of ceiling.					
E	not greater than 300mm wide	16	m			
	PAINTING & DECORATING: Painting					
	One Coat primer; two finishing coats of "Dulux" paint or equal and approved; to selected colours; all in accordance with the Architects specification					
	Ceilings; plaster base					
F	girth exceeding 300mm	127	m2			

	Description	Qty	Unit	Rate	€	c
	(71) FITTINGS GENERALLY					
	NOTES					
	1.For a general description of the work contained in this section, the Contractor is referred to the architects drawings, specifications and schedules		note			
	2.All fittings to have silicone sealed joint to walls and floors as per Specification and all unit rates below will be deemed to include for same.		note			
	Storage units to existing first floor Classroom; formica faced doors and panels to selected colourdoor hinges, locks to doors, handles aluminium, stainless steel sink and taps; sliding doors; all in accordance with Architects drawings and specification					
	Storage units to existing first floor Classroom					
A	5700mm long x 2400mm high	1	nr			

Description	Qty	Unit	Rate	€	c
COLLECTION					
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Page No. X/18					
WORKS IN EXISTING BUILDING Carried to Summary					

	Description	Qty	Unit	Rate	€	c
	(10) PREPARED SITE					
	NOTES					
	The contractor should note the existing school will remain fully open for the duration of the works and should include in their rates for costs associated with same		note			
A	the Contractor is required to make himself aware of the presence and location of all existing services on site, identify their locations & mark them appropriately; all necessary precautions must be made to avoid interference or damage to these services during the execution of the works; the Contractor shall make due allowance in his rates for working in and around and maintaining live these services as necessary; any damage caused shall be made good at the Contractors own expense		note			
B	contractors must allow in their rates for all temporary supports necessary to complete the works		note			
	DEMOLITION AND ALTERATIONS					
	Alterations					
	Removal					
	Existing Planters					
C	Existing low level planters with trees and plants, stored for re-use, and reposition in new location on the school grounds (2300mm x 1300mm plan size)	2	nr			
D	Existing low level planters with trees and plants, stored for re-use, and reposition in new location on the school grounds (2300mm x 1300mm plan size)	4	nr			
E	Existing low level planters with trees and plants, stored for re-use, and reposition in new location on the school grounds (1650mm diameter plan size)	1	nr			
	Existing Drainage system					
F	Decommission; grub up; excavate and remove existing road gullies; backfilling with suitable imported material	7	nr			
G	Decommission; grub up; excavate and remove existing manhole; backfilling with suitable imported material; 1500-2000mm deep	2	nr			
H	Decommission; grub up; excavate and remove existing Storm Drainage; backfilling with suitable imported material	73	m			

	Description	Qty	Unit	Rate	€	c
	Existing Services system					
A	Decommission; grub up; excavate and remove existing mini pillar/cabinet base and mild steel cabinet	1	nr			
B	Decommission; grub up; excavate and remove existing service ducting; backfilling with suitable imported material	14	m			
	Existing kerbs; including breaking up concrete foundations; disposal off site					
C	existing kerbs (to front entrance and island to school yard)	39	m			
D	existing kerbs (to main carpark)	196	m			
E	existing kerbs (to play areas)	127	m			
	Remove existing metal fencing; including grubbing up foundations; disposal off site					
F	fencing to playground; circa 1800mm high	127	m			
G	double gate; circa 1800mm high; 4000mm wide	1	nr			
H	double gate; circa 1800mm high; 2600mm wide	1	nr			
J	double gate; circa 1800mm high; 1400mm wide	1	nr			
	Existing ACCO drain; breaking up; including excavationl, disposal off site					
K	existing acco drain	60	m			
	Existing Watermain					
L	Decommission; grub up; excavate and remove existing fire/watermain	36	m			
M	Decommission; grub up; excavate and remove existing fire hydrant	1	nr			
	Burn of Existing line marking					
N	100mm wide; to existing tarmac surfaces	92	m			
P	Disabled parking bay markings	3	nr			
	Site fittings					
Q	bin	1	nr			
R	bench	1	nr			

To Collection €

	Description	Qty	Unit	Rate	€	c
	EXCAVATION AND EARTHWORK					
	Clearing site					
	Low level and soft planting; full segregation & disposal of materials to accredited tip sites in strict accordance with the requirements of the Local Authority					
A	generally (front entrance)	70	m2			
B	generally (front entrance)	21	m2			
C	generally (carpark island)	221	m2			
	Trees, including grubbing up stumps and root systems; ; full segregation & disposal of materials to accredited tip sites in strict accordance with the requirements of the Local Authority					
D	girth >0.45	5	nr			
E	girth >0.45<1.5m	18	nr			
F	girth >1.5<3m	8	nr			
	Hedging; including grubbing up all root systems; full segregation & disposal of material off site to accredited tip site in strict accordance with the requirments of the Local Authority					
G	hedging	106	m			
	Site vegitation					
H	site vegetation	1178	m2			
J	site vegetation; planting	310	m2			
	EXCAVATION					
	Topsoil					
K	average depth; 250mm	1178	m2			
	reduce levels					
	Excavation to reduced levels over general site area					
L	Depth not exceeding 2.00m (planted islands)	91	m3			
M	Depth not exceeding 2.00m	1143	m3			
N	Depth exceeding 2.00m to car park area	454	m3			

	Description	Qty	Unit	Rate	€	c
A	Depth exceeding 2.00m to building area	1237	m3			
	Extra on excavation items for					
	breaking up existing					
B	hard surfaces; breaking up and removing existing macadam surface and filling under; average depth assumed to be 100mm thick overall; including associated kerbs	595	m2			
C	hard surfaces; breaking up and removing existing macadam surface and filling under; average depth assumed to be 100mm thick overall; including associated kerbs	627	m2			
D	hard standings, Concrete paths and paving; 100mm thick	398	m2			
E	hard standings, Concrete pavings (to front entrance); 100mm thick	10	m2			
F	hard standings, Concrete pavings (to island in carpark); 100mm thick	20	m2			
	being next to					
G	existing buildings	24	m2			
	around existing services					
H	parallel to excavations; watermain	31	m			
J	parallel to excavations; wastewater and stormwater pipework	128	m			
K	parallel to excavations; service ducting	50	m			
L	crossing excavations; watermain	5	nr			
M	crossing excavations; wastewater and stormwater	15	nr			
	Disposal					
	Water					
N	Surface	1	item			
P	Ground	1	item			
	Topsoil					
Q	off site	295	m3			

	Description	Qty	Unit	Rate	€	c
	Excavated material					
A	off site	2486	m3			
B	off site (hardcore filling to paved areas)	259	m3			
C	off site (tarmac)	123	m3			
D	off site (concrete)	56	m3			
	Filling to make up levels					
	Filling crushed stone filling; laid and compacted in 225mm layers; all as per Engineers details and specification					
E	exceeding 250mm thick	100	m3			

Description	Qty	Unit	Rate	€	c
COLLECTION					
Page No. Y/1					
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(10) PREPARED SITE Carried to Summary					

	Description	Qty	Unit	Rate	€	c
	(30) SITE ENCLOSURES					
	RETAINING WALL (CONCRETE)					
	EXCAVATION & EARTHWORK					
	Excavation					
	Foundation trenches					
A	depth less than 2.00m	176	m3			
	Working space; disposal excavated material off site; backfilling with hardcore material					
B	depth exceeding 2.00m	170	m2			
	Disposal					
	Water					
C	surface	1	item			
D	ground	1	item			
	Excavated material					
E	off site	176	m3			
	Filling					
	Drainage layer rear of wall; pea gravel; all as per architects and engineers drawings and specifications					
F	average thickness exceeding 250mm	45	m3			
	Filling to rear of retaining wall; suitable imported material; compacted in layers; as per Engineers details and specification					
G	average thickness exceeding 250mm	223	m3			
	CONCRETE WORK					
	In-Situ concrete					
	Blinding					
H	poured on or against earth or unblinded hardcore	7	m3			
	Foundations					
J	reinforced	19	m3			

	Description	Qty	Unit	Rate	€	c
	Walls					
A	exceeding 150mm; reinforced	47	m3			
	Sundries					
	Surface finishes					
B	trowelling; top of wall	51	m			
	Design joints; Expansion and contraction joints; Filled and Sealed					
C	10mm wide saw-cut Contraction joint. To be cut within 24 hours of concrete pour; Details as per Engineers drawing and specification	24	m			
D	15mm Central Expansion Joint filled with Flexcell or similar ; Details as per Engineers drawing and specification	24	m			
	Reinforcement					
	Bar					
	Bent					
E	nominal size 12mm - 25mm diameter; walls	3.76	tonne			
	Fabric					
	A393 mesh to retaining wall and foundation with 40mm concrete cover; as per engineers drawings and specifications					
F	vertical	341	m2			
G	horizontal	270	m2			
	Formwork					
	Kicker					
H	walls	101	m			
	Walls					
J	Vertical	341	m2			
	DRAINAGE					
	20mm Washed Pea Gravel wrapped in approved Terram Geotextile					
K	Land drain 400mm x 600mm	51	m			

	Description	Qty	Unit	Rate	€	c
	Perforated land drain; to be connected to storm water drainage system					
A	150mm diameter PVC pipe to rear of retaining wall	51	m			
	RETAINING WALL (TO PLAY AREA)					
	EXCAVATION & EARTHWORK					
	Excavation					
	Foundation trenches					
B	depth less than 2.00m	42	m3			
	Working space; disposal excavated material off site; backfilling with hardcore material					
C	depth exceeding 2.00m	46	m2			
	Disposal					
	Water					
D	surface	1	item			
E	ground	1	item			
	Excavated material					
F	off site	42	m3			
	Filling					
	Filling to rear of retaining wall; suitable imported material; compacted in layers; as per Engineers details and specification					
G	average thickness exceeding 250mm	30	m3			
	CONCRETE WORK					
	In-Situ concrete					
	Blinding					
H	poured on or against earth or unblinded hardcore	3	m3			
	Foundations					
J	reinforced	16	m3			

	Description	Qty	Unit	Rate	€	c
	Reinforcement					
	Fabric					
	A393 mesh to retaining wall and foundation with 40mm concrete cover; as per engineers drawings and specifications					
A	horizontal	54	m2			
	BRICKWORK AND BLOCKWORK					
	SEGMENTIAL RETAINING WALL					
	Segmential retaining wall; laid and installed to manufacturers recommendations and instructions; tobermore secura or equal and approved; including all backfilling; all to engineers details and specification					
	Walls					
B	215mm thick	45	m2			
	Labours					
C	on blockwork	1	Item			
	Capping to Segmential retaining wall; laid and installed to manufacturers recommendations and instructions; tobermore secura or equal and approved; including all fixings required; all to engineers details and specification					
	Capping					
D	350mm wide	59	m			
	DRAINAGE					
	20mm Washed Pea Gravel wrapped in approved Terram Geotextile					
E	Land drain 400mm x 600mm	59	m			
	Perforated land drain; to be connected to storm water drainage system					
F	100mm diameter PVC pipe to rear of retaining wall	59	m			

	Description	Qty	Unit	Rate	€	c
	FENCING					
	METALWORK					
	FENCING					
	Fencing & gates (Sensory garden)					
	Paladin mesh fence; posts at 3030mm centres; overall mesh size 1800mm high x 3004mm wide; fixed to posts with M8 security screw to clamping clip; posts set into concrete base; including for all excavation, disposal, concrete and reinstatement for concrete bases; to engineers details					
A	2100mm high	41	m			
	Single pedestrian gate; fixed to posts with hinges; locking system with key; posts set into concrete base; including for all excavation, disposal, concrete and reinstatement for concrete bases; to match Paladin mesh fence; including for all as per engineers specifications					
B	1000 x 2100mm high	1	nr			
	Fencing & gates (Hard Play Court)					
	Paladin mesh fence; posts at 3030mm centres; overall mesh size 1800mm high x 3004mm wide; fixed to posts with M8 security screw to clamping clip; posts set into concrete base; including for all excavation, disposal, concrete and reinstatement for concrete bases; to engineers details					
C	2100mm high	77	m			
	Double pedestrian gate; fixed to posts with hinges; locking system with key; posts set into concrete base; including for all excavation, disposal, concrete and reinstatement for concrete bases; to match Paladin mesh fence; including for all as per engineers specifications					
D	2500 x 2100mm high	1	nr			
	Fencing & gates (Secure Play Area)					
	Paladin mesh fence; posts at 3030mm centres; overall mesh size 1800mm high x 3004mm wide; fixed to posts with M8 security screw to clamping clip; posts fixed to new concrete retaining wall with brackets and masonary fixings; to engineers details					
E	2100mm high	51	m			

	Description	Qty	Unit	Rate	€	c
	Double pedestrian gate; fixed to posts with hinges; locking system with key; posts set into concrete base; including for all excavation, disposal, concrete and reinstatement for concrete bases; to match Paladin mesh fence; including for all as per engineers specifications					
A	2500 x 2100mm high	2	nr			
	Fencing & gates (Services Enclosure)					
	Paladin mesh fence; posts at 3030mm centres; overall mesh size 1800mm high x 3004mm wide; fixed to posts with M8 security screw to clamping clip; posts set into concrete base; including for all excavation, disposal, concrete and reinstatement for concrete bases; to engineers details					
B	2100mm high	12	m			
	Single pedestrian gate; fixed to posts with hinges; locking system with key; posts set into concrete base; including for all excavation, disposal, concrete and reinstatement for concrete bases; to match Paladin mesh fence; including for all as per engineers specifications					
C	1000 x 2100mm high	1	nr			

Description	Qty	Unit	Rate	€	c
COLLECTION					
Page No. Z/1					
Page No. Z/2					
Page No. Z/3					
Page No. Z/4					
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Page No. Z/6					
(30) SITE ENCLOSURES Carried to Summary					

	Description	Qty	Unit	Rate	€	c
	(40) ROADS, PATHS & PAVINGS					
	ROADWAY AND PARKING					
	EXCAVATION AND EARTHWORKS					
	EXCAVATION					
	Filling					
	Filling with Hardcore; 225mm 6F1/6F2 CAPPING IN ACCORDANCE WITH SRW stone well compacted in 150mm layers; to Engineer's specification					
A	average thickness exceeding 250mm	283	m3			
B	average thickness not exceeding 250mm	122	m3			
	Filling to make up levels; crushed stone material to NRA specification for roadworks; laid and compacted in layers					
C	average thickness exceeding 250mm	127	m3			
D	average thickness exceeding 250mm; to existing footpaths areas for new pedestrian crossing	7	m3			
	Filling to make up level; 63-10mm stone to engineers specification; laid and compacted in layers					
E	average thickness exceeding 250mm; to permeable paving	96	m3			
	Surface treatments					
	Blinding; filling with hardcore screenings minimum compacted thickness 50mm					
F	horizontal	1188	m2			
G	horizontal; to existing footpaths areas for new pedestrian crossing	30	m2			
	Soil stabilization membrane					
	Permeable woven geotextile membrane; in one layer; lapped at all edges; to compacted hardcore surfaces					
H	generally	920	m2			
	Geogrid membrane; sc intergrid; in one layer; lapped at all edges; to compacted hardcore surfaces					
J	horizontal	761	m2			

	Description	Qty	Unit	Rate	€	c
A	vertical; 380mm high	465	m			
	CONCRETE WORK					
	IN-SITU CONCRETE					
	Plain in-situ concrete; 100mm C20/25 concrete XO class to I.S. EN 206					
	Concrete Paths					
B	not exceeding 150mm thick	27	m3			
C	not exceeding 150mm thick; to existing footpaths areas for new pedestrian crossing	4	m3			
	FORMWORK					
	Formwork; generally					
	Edges of concrete path					
D	height/width not exceeding 250mm	276	m			
E	height/width not exceeding 250mm; curved	36	m			
F	height/width not exceeding 250mm; to existing footpaths areas for new pedestrian crossing	45	m			
	Reinforcement					
	Fabric; to BS 4483; hard drawn mild steel wire to BS 4482; lapped as indicated (no allowance in measurement for laps)					
	Reference A142					
G	horizontal; to footpaths	268	m2			
	SUNDRIES					
	Design Joints					
	Expansion joints; incorporating terminate mesh 60mm from centreline of joint; 15mm wide x 30mm deep groove with 3mm wide x 60mm deep sawn groove; groove filled with compressible caulking material and sealed with a suitable sealant; as per Engineers details					
H	not exceeding 125mm thick concrete path	100	m			
J	not exceeding 125mm thick concrete path; to existing footpaths areas for new pedestrian crossing	18	m			

	Description	Qty	Unit	Rate	€	c
	Surface finish					
	Brush finish of unset concrete					
A	generally	268	m2			
B	generally; to existing footpaths areas for new pedestrian crossing	30	m2			
	Treating edges; smooth trowel finish					
C	height/width not exceeding 250mm	276	m			
D	height/width not exceeding 250mm; to existing footpaths areas for new pedestrian crossing	45	m			
	SURFACE PAVING, FENCING AND LANDSCAPING					
	PRE-FORMED PAVING AND EDGING UNITS					
	Precast Concrete					
	Precast Kerbs					
E	Precast kerbs; 250mm x 125mm	236	m			
F	Precast kerbs; 250mm x 125mm; curved	38	m			
G	Precast kerbs; 250mm x 125mm; dished kerb	110	m			
H	Precast kerbs; 250mm x 125mm; dished kerb; to rain gardens	38	m			
J	Precast kerbs; 250mm x 125mm; dished kerb; to rain gardens; curved	16	m			
	PRE-FORMED PAVING AND EDGING UNITS					
	Permeable paving; 80mm aquaflow Paving blocks with integrated spacer to Architects specification; laid to herringbone bond; all joints to be filled to top with 6.3-2mm grit; on hardcore base (elsewhere measured)					
	Pavings; to parking bays and Set down area					
K	falls and crossfalls	381	m2			

	Description	Qty	Unit	Rate	€	c
	Tactile paving; all joints to be filled to top with sand; on waterbased impregnating sealer; on hardcore base (elsewhere measured)					
	Footpath; on blinded hardcore base					
A	80mm thick	2	m2			
B	80mm thick; to existing footpaths areas for new pedestrian crossing	30	m2			
	INSITU SURFACE PAVINGS					
	Tarmac finish; 50mm dense wearing course macadam; 80mm dense bascourse macadam; to hardcore base (elsewhere measured) to engineers details and specifications					
	on hardcore base					
C	130mm thick	539	m2			
D	130mm thick; infill at new pedestrian crossings	10	m2			
	Sundries					
	Fair joint to existing finishes					
E	joining new tarmac to existing tarmac finish; including saw cutting	25	m			
	COMPOSITE ITEM					
	SURFACE PAVING, FENCING AND LANDSCAPING					
	Raised Speed Ramps / Pedestrian crossing; to existing tarmac finishes; including all saw cutting, binder layer, jointing to existing, tarmac 75mm thick, line marking arrows and pedestrian crossing lines, buff surface finish to table top; all to engineers and Architects details					
F	5000mm x 3600mm plan size, flat top ramp min. 2000mm wide	1	nr			
G	6000mm x 3600mm plan size, flat top ramp min. 2000mm wide	1	nr			
H	16500mm x 3600mm plan size, flat top ramp min. 2000mm wide	1	nr			

	Description	Qty	Unit	Rate	€	c
	PAINTING AND DECORATING					
	PAINTING					
	Line markings; thermoplastic marking type paint; to IS EN 1871 to comply with BS 6044; to permeable paving surfaces; all in accordance with the engineers specification					
	line marking					
A	100mm wide; straight lines	16	m			
B	direction arrows	3	nr			
C	direction arrows; to existing tarmac	6	nr			
D	Accessible Parking symbol and coloured bay	2	nr			
E	'SET DOWN ONLY' Sign	2	nr			
F	100mm wide; straight lines; to existing tarmac	56	m			
G	E.V Charging bays marked in existing tarmac	6	nr			
H	Disabled Parking Bay marked in existing tarmac	3	nr			
	PAVING TO BUILDING					
	EXCAVATION AND EARTHWORKS					
	EXCAVATION					
	Filling					
	Filling with Hardcore; 225mm 6F1/6F2 capping stone well compacted in 150mm layers; to Engineer's specification					
J	average thickness exceeding 250mm	120	m3			
	Filling to make up levels; crushed stone material to NRA specification for roadworks; laid and compacted in layers					
K	average thickness exceeding 250mm	148	m3			
	Surface treatments					
	Blinding; filling with hardcore screenings minimum compacted thickness 50mm					
L	horizontal	493	m2			

	Description	Qty	Unit	Rate	€	c
	Soil stabilization membrane					
	Permeable woven geotextile membrane; in one layer; lapped at all edges; to compacted hardcore surfaces					
A	generally	493	m2			
	CONCRETE WORK					
	IN-SITU CONCRETE					
	Plain in-situ concrete; 100mm C20/25 concrete XO class to I.S. EN 206					
	Concrete Paths					
B	not exceeding 150mm thick	7	m3			
	FORMWORK					
	Formwork; generally					
	Edges of concrete path					
C	height/width not exceeding 250mm	57	m			
	Reinforcement					
	Fabric; to BS 4483; hard drawn mild steel wire to BS 4482; lapped as indicated (no allowance in measurement for laps)					
	Reference A142					
D	horizontal; to footpaths	53	m2			
	SUNDRIES					
	Design Joints					
	Expansion joints; incorporating terminate mesh 60mm from centreline of joint; 15mm wide x 30mm deep groove with 3mm wide x 60mm deep sawn groove; groove filled with compressible caulking material and sealed with a suitable sealant; as per Engineers details					
E	not exceeding 125mm thick concrete path	17	m			
	Surface finish					
	Brush finish of unset concrete					
F	generally	53	m2			

	Description	Qty	Unit	Rate	€	c
	Treating edges; smooth trowel finish					
A	height/width not exceeding 250mm	57	m			
	SURFACE PAVING, FENCING AND LANDSCAPING					
	PRE-FORMED PAVING AND EDGING UNITS					
	Precast Concrete					
	Precast Kerbs					
B	Precast kerbs; 150mm x 50mm; flush kerb	22	m			
	PRE-FORMED PAVING AND EDGING UNITS					
	Paving; Paving blocks with integrated spacer to Architects specification; laid on and including 50mm deep dry mortar mix; laid to stretcher bond; all joints to be filled to top with 6.3-2mm grit; on hardcore base (elsewhere measured)					
	Pavings; to parking bays and Set down area					
C	falls and crossfalls	205	m2			
	Tactile paving; all joints to be filled to top with sand; on waterbased impregnating sealer; on hardcore base (elsewhere measured)					
	Footpath; on blinded hardcore base					
D	80mm thick	2	m2			
	INSITU SURFACE PAVINGS					
	Tarmac finish; 50mm wearing course to hardcore base (elsewhere measured); to engineers details and specifications					
	on hardcore base					
E	50mm thick	236	m2			
	Sundries					
	Fair joint to existing finishes					
F	joining new tarmac to existing tarmac finish	19	m			

	Description	Qty	Unit	Rate	€	c
	PAINTING AND DECORATING					
	PAINTING					
	Line markings; thermoplastic marking type paint; to IS EN 1871 to comply with BS 6044; to permeable paving surfaces; all in accordance with the engineers specification					
	line marking					
A	100mm wide; straight lines; to basketball court	52	m			
B	100mm wide; straight lines; to basketball court; curved	6	m			
	PLAY AREA					
	EXCAVATION AND EARTHWORKS					
	EXCAVATION					
	Filling					
	Filling with Hardcore; 225mm 6F1/6F2 capping stone well compacted in 150mm layers; to Engineer's specification					
C	average thickness exceeding 250mm	92	m3			
D	average thickness exceeding 250mm	50	m3			
	Filling to make up levels; crushed stone material to NRA specification for roadworks; laid and compacted in layers					
E	average thickness exceeding 250mm	109	m3			
	Surface treatments					
	Blinding; filling with hardcore screenings minimum compacted thickness 50mm					
F	horizontal	263	m2			
	CONCRETE WORK					
	Precast Concrete					
	Precast Kerbs					
G	Precast kerbs; 150mm x 50mm; flush kerb	19	m			

	Description	Qty	Unit	Rate	€	c
	SURFACE PAVING, FENCING AND LANDSCAPING					
	Asphalt					
	Tarmac finish; 50mm wearing course to hardcore base (elsewhere measured); to engineers details and specifications					
	on hardcore base					
A	50mm thick	263	m2			
	SENSORY GARDEN					
	EXCAVATION AND EARTHWORKS					
	Filling					
	Filling to make up levels; crushed stoneb type B granular material material to clause 804 of NRA specification for roadworks; laid and compacted in layers					
B	average thickness not exceeding 250mm	27	m3			
	Surface treatments					
	Blinding; filling with hardcore screenings minimum compacted thickness 50mm					
C	horizontal	105	m2			
	CONCRETE WORK					
	Precast Concrete					
	Precast Kerbs					
D	Precast kerbs; 150mm x 50mm; flush kerb	41	m			
	SURFACE PAVINGS					
	INSITU SURFACE PAVINGS					
	80mm thick impact absorbing rubber crumb safety surface (laid in 2 layers) in selected colours; as per architects specifications					
	New play area; on unblinded hardcore base					
E	80mm thick; including additional thickness to fall zones for equipment	105	m2			

	Description	Qty	Unit	Rate	€	c
	SECURE PLAY AREA					
	EXCAVATION AND EARTHWORKS					
	Filling					
	Filling to make up levels; crushed stoneb type B granular material material to clause 804 of NRA specification for roadworks; laid and compacted in layers					
A	average thickness not exceeding 250mm	33	m3			
	Surface treatments					
	Blinding; filling with hardcore screenings minimum compacted thickness 50mm					
B	horizontal	131	m2			
	SURFACE PAVINGS					
	INSITU SURFACE PAVINGS					
	80mm thick impact absorbing rubber crumb safety surface (laid in 2 layers) in selected colours; as per architects specifications					
	New play area; on unblinded hardcore base					
C	80mm thick	131	m2			

Description	Qty	Unit	Rate	€	c
COLLECTION					
Page No. AA/1					
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Page No. AA/5					
Page No. AA/6					
Page No. AA/7					
Page No. AA/8					
Page No. AA/9					
Page No. AA/10					
(40) ROADS, PATHS & PAVINGS Carried to Summary					

	Description	Qty	Unit	Rate	€	c
	(50) SITE SERVICES (PIPED & DUCTED)					
	NOTES					
A	No allowance has been included in this Contract for Capital contributions or Connection fees for Watermains, E.S.B, Lighting or Telecom work; These itesm are to be paid directly by the client		Note			
B	PVC-U pipework for discharge stacks above ground to be Marley or other approved and Kitemark certified supplier					
C	Where drains pass under trafficable ares or walls they are to be encased in 150mm of concrete					
	DRAINAGE: BELOW GROUND					
	STORM WATER DRAINAGE					
	Excavating trenches					
	Excavating trenches for pipes not exceeding 150mm diameter; including disposal of surplus excavated material off-site, backfilling with granular backfill to clause 503 to a depth of 300mm above top of pipes; backfilling remainder with selected Clause 804 stone; compacing in layers not exceeding 300mm deep; starting from reduced ground level					
D	average depth 0 - 500mm	55	m			
E	average depth 500 - 1000mm	38	m			
F	average depth 1000 - 1500mm	216	m			
	Extra Over					
G	breaking up existing hardstandings and reinstatement (tarmac)	101	m			
	Disposal					
	Water					
H	surface	1	Item			
J	ground	1	Item			

	Description	Qty	Unit	Rate	€	c
	Granular Fill Clause 503 bedding material; well compacted					
	Beds and surrounds					
A	450 x 450mm to 100mm diameter pipe	55	m			
B	450 x 450mm to 150mm diameter pipe	50	m			
C	650 x 650mm to 225mm diameter pipe	50	m			
	Plain insitu concrete, Grade 20/20					
	Beds and surrounds					
D	450 x 450mm to 150mm diameter pipe	77	m			
E	650 x 650mm to 225mm diameter pipe	78	m			
	uPVC pipes and fittings; "Wavinsewer" or equivalent to IS 424					
	Pipework in trenches					
F	100mm diameter, laid in trenches	55	m			
G	extra; short lengths	10	nr			
H	extra; bends	10	nr			
J	150mm diameter, laid in trenches	127	m			
K	extra; short lengths	15	nr			
L	extra; bends	15	nr			
M	225mm diameter, laid in trenches	127	m			
N	extra; short lengths	10	nr			
P	extra; bends	10	nr			
	Pipe accessories					
	Back inlet gully trap; push fit polypropylene flexible coupling joint to pipe; bedding and surround in concrete 20N/mm2; 150 x 150mm galvanised steel grid top					
Q	1 no. 110mm inlet; 1 no. 150mm outlet	6	nr			

	Description	Qty	Unit	Rate	€	c
	Inspection junctions, "Wavin AJ" or equivalent; uPvc; bedding and surround in grade 20N/mm2 concrete; excavation; square single sealed galvanised locking cover and frame					
A	1 no. 110mm inlet; 1 no. 225mm outlet	9	nr			
B	1 no. 110mm inlet; 1 no. 150mm outlet	6	nr			
	Pipe accessories					
	Road gullies and gratings; to existing paved areas; excavation, disposal; 150mm thick Grade 20N insitu concrete bed and surround, including necessary reinstatement; precast concrete gully chamber; hippo style heavy duty lockable ductile iron cover with integral trap to IS 261, bedded in concrete surround; all in accordance with Engineers details					
C	150mm outlet; including breaking out, excavation and reinstatement of tarmac surfaces	6	nr			
	Kerb inlet gully and grating to Rain Garden; excavation, disposal, 150mm thick Grade 20N insitu concrete bed and surround; precast concrete gully chamber; heavy duty lockable ductile iron cover with integral trap to IS 261, bedded in concrete surround; all in accordance with Engineers details					
D	150mm outlet; to rain garden	5	nr			
	Manholes					
	Excavation; 225mm thick grade 30N20 reinforced insitu concrete beds; precast concrete chamber ring, concrete benching; pipe channels; 225mm thick reinforced concrete cover with aperature for access; concrete rings with galvanised step irons as required; backfilling and removal of surplus spoil off site; as per Engineers details					
E	depth to invert 500 - 1000mm	6	nr			
F	depth to invert 1000 - 1500mm	12	nr			
G	depth to invert 1000 - 1500mm; constructed on existing live line; including all breaking out necessary	1	nr			
	D400 Manhole cover and frame; bedding frame in cement mortar (1:3); double sealing cover with grease; heavy duty single seal type; Grade B					
H	400mm diameter	19	nr			

	Description	Qty	Unit	Rate	€	c
	COMPOSITE ITEM					
	Attenuation Tank					
	Attenuation Tank - Composite item, attenuation construction complete, geocellular modules system; system to be capable of taken traffic load; trafficable; including all excavation and disposal of material off site, drainage stone to specification; wrapped in permeable geotextile membrane, all necessary connection and fittings, backfilling; all in accordance with the Engineers drawing and details					
A	101 cubic meters system	1	nr			
	Flow control device					
	Fitted to manhole; Flow Control device to be installed as per Engineers details					
B	hydro break, 0.4 L/s	1	nr			
	Aco Drain					
	Aco drain: aco multidrain md high strength stepped channel drainage system complete with black composite heelguard ductile iron grating, advanced boltless locking and protective ultrasteel steel edge rails. provide a sump and gully unit at all connections to underground drainage networks, foul air trap and universal endcap for closing or outlet connection to 150mm pvc-u pipes. system to be ce marked and fully certified to bs en 1433:2002 from load class d 400; allow for forming cast in situ concrete bed and haunch to surround of acco drain.					
C	straight:Acco drain	78	m			
D	extra; outlet piece	7	nr			
	Drainage Channel					
	Drainage Channel: aco multidrain md high strength stepped channel drainage system complete with black composite heelguard ductile iron grating, advanced boltless locking and protective ultrasteel steel edge rails. provide a sump and gully unit at all connections to underground drainage networks, foul air trap and universal endcap for closing or outlet connection to 150mm pvc-u pipes. system to be ce marked and fully certified to bs en 1433:2002 from load class d 400; allow for forming cast in situ concrete bed and haunch to surround of acco drain.					
E	straight:Drainage Channel to Hard Play Area	30	m			

	Description	Qty	Unit	Rate	€	c
A	extra; outlet piece	1	nr			
B	Trash box with collection chamber	1	nr			
	Fin Drain to Permeable paving					
	Fin Drainage system; to permeable paving area; hydraway fin drain OSA system; including all fittings; connection Drainage Channel; connection to to underground drainage networks; allow for forming cast in situ concrete bed and haunch to surround of acco drain; all as per Engineers details and drawings					
C	straight:Fin drainage system to Permeable paving	100	m			
D	extra; outlet piece	6	nr			
	COMPOSITE ITEM					
	New Rain Garden					
	Rain Garden; comprising 350mm deep drainage layer wrapped in geotextile membrane, 500mm deep engineered soil layer, 200mm deep sterile compost layer, 50mm deep ship/mulch layer; 150mm perforated land drain pipe to centre; vertical oveflow pipe; connection to main drainage system; all as per Engineer drawings					
E	Plan size 27 sq. meters x 1100mm deep	1	nr			
F	Plan size 13 sq. meters x 1100mm deep	1	nr			
G	Plan size 8 sq. meters x 1100mm deep	1	nr			
	COMPOSITE ITEM					
	Alterations to existing manholes					
	Remove existing manhole cover and breakdown; disposal off site; build up/raise existing manhole ring to required level with masonary construction; new concrete biscuit; new heavy duty metal cover; all as per Engineers detail					
H	to Rain Screen Garden; 500mm raised	1	nr			

	Description	Qty	Unit	Rate	€	c
	COMPOSITE ITEM					
	Swale					
	Storm drainage swale; comprising topsoil layer with planting; drainage layer; engineered soil layer; drainage connections; all as per Engineers details and design					
A	1000mm wide	44	m			
	COMPOSITE ITEM					
	French Drain					
	French Drain; comprising drainage stone wrapped in terram; 100mm perforated pipe; including all excavation and disposal off site; all as per Engineers details and design					
B	250mm wide x 600mm deep	34	m			
	Mains					
	Connection to existing; Excavate, locate and connect into existing main					
C	Allow for connection of storm pipework to existing storm line; excavation, disposal off site of surplus, breaking out, saddle connection, benching, hardcore backfill, reinstatment of finishes; 1.50m below existing ground level	2	nr			
D	Allow for connection of storm pipework to existing storm line; excavation, disposal off site of surplus, breaking out, saddle connection, benching, hardcore backfill, reinstatment of finishes. 1.50m below existing ground levelFor connection of new road gullies in existing tarmac areas	6	nr			
	Testing and commissioning					
	Drainage system					
E	standard tests in accordance with Engineers specification	1	Item			
				To Collection €		

	Description	Qty	Unit	Rate	€	c
	FOUL WATER DRAINAGE					
	Excavating trenches					
	Excavating trenches for pipes not exceeding 250mm diameter; including disposal of surplus excavated material off-site, backfilling with granular backfill to clause 503 to a depth of 300mm above top of pipes; backfilling remainder with selected Clause 804 stone; compacting in layers not exceeding 300mm deep; starting from reduced ground level					
A	average depth 500 - 1000mm	10	m			
B	average depth 500 - 1000mm	23	m			
C	average depth 1000 - 1500mm	42	m			
	Disposal					
	Water					
D	surface	1	Item			
E	ground	1	Item			
	Plain insitu concrete, Grade 20/20					
	Beds and surrounds					
F	450 x 450mm to 150mm diameter pipe	75	m			
	uPVC pipes and fittings; "Wavinsewer" or equivalent to IS 424					
	Pipework in trenches					
G	150mm diameter, laid in trenches	75	m			
H	extra; short lengths	10	nr			
J	extra; bends	10	nr			
	Pipe Accessories					
	Inspection junctions, "Wavin AJ" or equal and approved; uPvc; bedding and surround in grade 15N/mm2 concrete; excavation; square single sealed galvanised locking cover and frame					
K	1 no. 150mm inlet; 1 no. 150mm outlet	2	nr			
L	1 no. 150mm inlet; 2 no. 150mm outlet	6	nr			
				To Collection €		

	Description	Qty	Unit	Rate	€	c
	Gully traps, "Wavin" or equal and approved; upvc; 150mm diameter outlet; trapped; vertical back inlet type					
A	square 150 x 150 galvanised hinged cast iron grating	8	nr			
	Manholes					
	Excavation; 225mm thick grade 30N20 reinforced insitu concrete beds; precast concrete chamber ring, concrete benching; pipe channels; 225mm thick reinforced concrete cover with aperature for access; concrete rings with galvanised step irons as required; backfilling and removal of surplus spoil off site; as per Engineers details					
B	depth to invert 0 - 500mm (new manhole on existing line to replace existing manhole)	1	nr			
C	depth to invert 500 - 1000mm	4	nr			
D	depth to invert 1000 - 1500mm	2	nr			
	Manhole cover and frame; galvanised cast iron type to BS 497; bedding frame in cement mortar (1:3); double sealing cover with grease; heavy duty single seal type; Grade B					
E	600mm diameter	7	nr			
	Testing and commissioning					
	Drainage system					
F	standard tests in accordance with Engineer's specification	1	item			
	Connection to existing					
	Excavate, locate and connect into existing main					
G	1.50m below existing ground level	1	item			
	WATERMAIN/FIREMAIN					
	Excavating trenches					
	Excavating trenches to receive pipes not exceeding 250mm diameter; starting from stripped or reduced levels; filling in with sand to a depth of 300mm over top of pipes; filling remainder with selected excavated material including 250mm thick topsoil					
H	average depth of trench 1.00 - 1.50m	106	m			
J	Extra; placing marker tape 150 below filling	106	m			

	Description	Qty	Unit	Rate	€	c
	Disposal					
	Water					
A	surface	1	item			
B	ground	1	item			
	Watermain; MDPE pipework; laid in trenches					
	Pipework in trenches					
C	100mm diameter HDPE pipe	106	m			
	Thrust Blocks;					
D	generally	12	nr			
	Hydrant/Sluice Chambers					
	Excavation; 50mm thick plain insitu concrete blinding; 215mm thick Grade C30/20 reinforced insitu concrete bed, necessary reinstatement; 215mm thick concrete grade C30/20 walls; Grade A heavy duty ductile iron manhole cover and frame bedded and haunched in concrete surround to IS 406; approved precast concrete marker post with cast iron market plate to BS 3251 1976; see Engineers drawings					
E	hydrant chamber; 400 x 300 x 1000mm deep, internal dimensions	1	nr			
F	sluice valve chamber; 375 x 300 x 1000mm deep, internal dimensions	2	nr			
G	air valve chamber	1	nr			
	Fittings; cast iron					
	Hydrant; duck foot type; to BS 750 1977; necessary connection pieces to suit uPVC main					
H	100mm diameter	1	nr			
	Sluice Valve; to BS 1218 Class 1; necessary connection pieces to suit uPVC main					
J	100mm diameter	2	nr			
	Air Valve; ; necessary connection pieces to suit uPVC main					
K	100mm diameter	1	nr			

	Description	Qty	Unit	Rate	€	c
	Indicator posts and plates					
A	for Hydrants	1	nr			
B	for Sluice Valves	2	nr			
C	for Air Valves	1	nr			
	Composite Item					
	Raise level of existing Fire Hydrant					
	Remove existing fire hydrant fittings, chamber cover and markers; dispose off site; raise manhole with masonary construction; install new hydrant fittings; install new manhole cover; temporary disconnection of water; re-connection; including for new marker plates/posts; all as per engineers details					
D	Hydrant; to new hard surface play area	1	nr			
	Connection to existing					
	Excavate, locate and connect into existing main					
E	1.50m below existing ground level	2	item			
	Testing and Commissioning					
F	watermain	1	Item			
				To Collection €		

Description	Qty	Unit	Rate	€	c
COLLECTION					
Page No. BB/1					
Page No. BB/2					
Page No. BB/3					
Page No. BB/4					
Page No. BB/5					
Page No. BB/6					
Page No. BB/7					
Page No. BB/8					
Page No. BB/9					
Page No. BB/10					
(50) SITE SERVICES (PIPED & DUCTED) Carried to Summary					

	Description	Qty	Unit	Rate	€	c
	(60) SITE SERVICES (MAINLY ELECTRICAL)					
	NOTES					
A	1. No allowance has been included in this Contract for Capital contributions or Connection fees for Watermains, E.S.B, Lighting or Telecom work; These itesm are to be paid directly by the client		Note			
B	2. All works in accordance with Archtitects and Structural Engineers specifications. Please refer to Mechanical and Electrical Site Services drawings for all temporary and phasing requirenments.		Note			
	EXCAVATION AND EARTHWORK					
	EXCAVATION					
	Excavating trenches; for pipes, 1nr 100mm diameter red pvc ducts; starting from stripped ground level; including 100mm sand surround with fine grain sand to BS 882; backfilling with remainder with compacted Clause 804 hardcore; including warning tape & polypropylene draw rope; in accordance with the M&E Engineer's details and Specification					
C	average depth 0.50 - 1.00m; 1000mm wide x 1000mm deep; 1nr pipe in total	84	m			
	Excavating trenches; for pipes, 1nr 125mm diameter red pvc ducts; starting from stripped ground level; including 100mm sand surround with fine grain sand to BS 882; backfilling with remainder with compacted Clause 804 hardcore; including warning tape & polypropylene draw rope; in accordance with the M&E Engineer's details and Specification					
D	average depth 0.50 - 1.00m; 1000mm wide x 1000mm deep; 1nr pipe in total	8	m			
	Excavating trenches; for pipes, 1nr 50mm diameter green pvc duct; starting from stripped ground level; including 100mm sand surround with fine grain sand to BS 882; backfilling with remainder with compacted Clause 804 hardcore; including warning tape & polypropylene draw rope; in accordance with the M&E Engineer's details and Specification					
E	average depth 0.50 - 1.00m; 1000mm wide x 1000mm deep; 1nr pipe in total	111	m			
F	Extra over for breaking up tarmac and reinstating	21	m			

	Description	Qty	Unit	Rate	€	c
A	Extra over for lean mix filling to road & carpark areas; 75mm cover & 200mm bed	14	m3			
	Disposal					
	Water					
B	surface	1	item			
C	ground	1	item			
	Pipework in trenches including all required fittings					
	POWER DUCTING					
	PVC pipes and fittings; Wavin or equal approved coloured red; ESB approved to BS 3506; loose coupler and sealing ring. including for all pipework, bedding, marker tape, backfilling, marker posts; minimum 1000mm cover over pipework as noted on drawing; in accordance with Engineers drawings and specification.					
D	1nr 100mm diameter red pvc duc	84	m			
E	Extra; draw wire and placing marker tape 150mm below filling	84	m			
F	Extra; bend	4	nr			
G	Extra; long radius bend	3	nr			
	SITE LIGHTING DUCTING					
	PVC pipes and fittings; Wavin or equal approved coloured red; ESB approved to BS 3506; loose coupler and sealing ring. including for all pipework, bedding, marker tape, backfilling, marker posts; minimum 1000mm cover over pipework as noted on drawing; in accordance with Engineers drawings and specification.					
H	1nr 100mm diameter red pvc duc	93	m			
J	Extra; draw wire and placing marker tape 150mm below filling	93	m			
K	Extra; bend	4	nr			
L	Extra; long radius bend	4	nr			

	Description	Qty	Unit	Rate	€	c
	EV CHARGING DUCTING					
	PVC pipes and fittings; Wavin or equal approved coloured red; ESB approved to BS 3506; loose coupler and sealing ring. including for all pipework, bedding, marker tape, backfilling, marker posts; minimum 1000mm cover over pipework as noted on drawing; in accordance with Engineers drawings and specification.					
A	1nr 50mm diameter red pvc duc	19	m			
B	Extra; draw wire and placing marker tape 150mm below filling	19	m			
C	Extra; bend	8	nr			
	ESB POWER DUCTING					
	PVC pipes and fittings; Wavin or equal approved coloured red; ESB approved to BS 3506; loose coupler and sealing ring. including for all pipework, bedding, marker tape, backfilling, marker posts; minimum 1000mm cover over pipework as noted on drawing; in accordance with Engineers drawings and specification.					
D	1nr 125mm diameter red pvc duc	8	m			
E	Extra; draw wire	8	m			
F	Extra; bend	3	nr			
G	Extra; long radius bend	3	nr			
	ESB & SITE LIGHTING & POWER					
	Manhole access chamber; in-situ concrete access chamber c/w cover to EN-124 Class B125 for site LTG. & power - to structural engineers detail. Cover shall be ductile iron (anti skid and treated with protective black paint) c/w galvanised steel frame, sealed keyways and locking arrangement. Chamber cover to be clearly marked with european triangular danger symbol and clearly labelled 'Danger Electric Cables Below'; all as Engineers details & specification complete					
H	600 x 600 x 800mm deep	7	nr			
J	600 x 600 x 800mm deep; constructed on live ESB supply	1	nr			

	Description	Qty	Unit	Rate	€	c
	Manhole access chamber; in-situ concrete access chamber c/w cover to EN-124 Class B125 for site comms & CCTV - to structural engineers detail. Cover shall be ductile iron (anti skid & treated with protective black paint) c/w galvanised steel frame, sealed keyways and locking arrangement; all as Engineers details & specification complete					
A	600 x 600 x 800mm deep	8	nr			
	Bases; mini-pillar base; all necessary excavation, disposal & backfilling; precast unit with all necessary openings; cover plate; refer to Services Engineers Drawing and Appendix for full details and requirements; all in accordance with ESB/EIR Requirements and Specifications					
	Pre-Fabricated Mini-pillar base					
B	generally	2	nr			
	Lamp standard bases complete; excavation exceeding 1000mm deep; grading bottoms; earthwork support; disposal of surplus excavated by removal off site; in-situ concrete base including formwork etc.; including alignment with wedges to Engineer's approval					
	Lamp standard bases					
C	1200 x 1200 x 1300mm deep pit; 300 x 300mm concrete base 50mm thick; 1500mm concrete surround to pole; all to service engineers approval	3	nr			
	Mains					
	Connection to existing; Excavate, locate and connect into existing main					
D	Allow for exposing existing ESB cable for connection of new cable; excavation, disposal off site of surplus, breaking out, hardcore backfill, reinstatment of finishes; 1.50m below existing ground level	1	nr			
E	Allow for exposing existing Site Lighting cable for connection of new cable; excavation, disposal off site of surplus, breaking out, hardcore backfill, reinstatment of finishes; 1.50m below existing ground level	1	nr			

	Description	Qty	Unit	Rate	€	c
	MECHANICAL & ELECTRICAL INSTALLATION					
	Electrical Installations					
	Equipment, Control Gear and Supply					
	Mini Pillar					
A	Proposed IP65 rated galvanised steel mini pillar c/w lockable lift door (Piltown Engineering UP3/1P or equivalent)	2	nr			
	COMPOSITE ITEM					
	Lighting protection pit					
	Allow for all excavation, disposal, backfilling and marking good for lighting protection pit; all as per services engineers details					
B	pits	4	nr			

Description	Qty	Unit	Rate	€	c
COLLECTION					
Page No. CC/1					
Page No. CC/2					
Page No. CC/3					
Page No. CC/4					
Page No. CC/5					
(60) SITE SERVICES (MAINLY ELECTRICAL) Carried to Summary					

	Description	Qty	Unit	Rate	€	c
	(70) SITE FITTINGS					
	FITTINGS					
	FITTING, EQUIPMENT AND FURNITURE					
	Fittings					
	Bench; supply & installation (including associated base) galvanised powder coated mild steel frame with treated hardwood timber infill; as per architects drawings and specifications					
A	1800mm wide	1	nr			
	Equipment					
	Basketball Hoop; remove existing basketball hoop and store for re-use; re-install including concrete support base ans socket; including all excavation, disposal, concrete, etc; as per architects detail					
B	generally	1	nr			
	Signage					
	Disabled Parking Sign; 600mm diameter; fixed to and including 75mm galvanised posts; posts set into and including concrete support bases; including all excavation, disposal, concrete, backfilling, reinstatement; all as per Architects and Engineers details					
C	Disabled Parking sign	2	nr			
	E.V Charging Parking Sign; 600mm diameter; fixed to and including 75mm galvanised posts; posts set into and including concrete support bases; including all excavation, disposal, concrete, backfilling, reinstatement; all as per Architects and Engineers details					
D	Disabled Parking sign	6	nr			
	Play/Senory equipment					
	Play equipment; including all excavation, disposal, concrete support base and fixings; as per manufacturers recommendations and instructions; all as per Architects details					
E	Birds nest swing; 2.50m high, 100mm dia rope seat, to selected colour	1	nr			
F	Spinner Bowl; 600mm high; to selected colour	1	nr			

	Description	Qty	Unit	Rate	€	c
A	Play panel for music; 1950mm long x 900mm high wide x 1050mm high; to selected colour	1	nr			

Description	Qty	Unit	Rate	€	c
COLLECTION					
Page No. DD/1					
Page No. DD/2					
(70) SITE FITTINGS Carried to Summary					

	Description	Qty	Unit	Rate	€	c
	(80) LANDSCAPING					
	NOTES					
A	Generally					
B	the Contractor must refer to Architectural Drawings and Specifications for Landscaping Works					
C	all seeding, turfing and planting will be carried out during periods specified in the Architectural and Landscape Drawings, Specifications and Schedules					
D	Before beginning general excavation or filling, strip topsoil from areas where there will be regarding, buildings, pavings/road to an average depth of 300mm.					
E	Apply a suitable translocated nonresidual herbicide, not less than two weeks before excavating.					
F	the Contractor shall allow in his rates for raking in seeds, fertilizer, compost, etc.					
G	the Contractor shall allow in his rates for all additional excavation, relevelling and disposal of excavated material necessary to carry out the landscaping works that is not expressly detailed within element (10) Prepared Site					
H	all planting holes shall be opened and closed on the same day.					
J	no provision has been included for removing or reinstating trees, existing grassed or hard surfaced areas to be retained; it shall be the Contractors express responsibility to protect, maintain and make good any damage caused to these areas during the contract					
				To Collection €		

	Description	Qty	Unit	Rate	€	c
	TREE AND SHRUB PLANTING					
	Supply and plant the following trees/plants; including excavation, forming topsoiled planting bed/notching/pits/planting areas; disposing excavated material off site, including all temporary stockpiling, double handling, permanent filling to make up levels including compaction, filling etc average thickness exceeding 250mm; break up base of pit to ensure free drainage; backfilling with approved treated material, composting, cultivation, watering, include for stakes and ties as necessary; include for all costs associated with planting on mounds or isolated zones etc; all as per Architects specification and drawing and details					
	Hedging					
A	Beech hedging; 1.2m high beech hedging; as per architects drawings and specifications	33	m			
	Planting					
B	Indigenous planting; 20-40mm girth; 12 plants per sq meter; as per architects drawings and specifications	181	m2			
	SURFACE PAVINGS, FENCING AND LANDSCAPING					
C	Supply and install topsoil, including for grading and seeding	629	m2			
D	100mm deep mulch on minimum 500mm deep top soil	117	m2			
E	weed block material	117	m2			

Description	Qty	Unit	Rate	€	c
COLLECTION					
Page No. EE/1					
Page No. EE/2					
(80) LANDSCAPING Carried to Summary					

Description	Qty	Unit	Rate	€	c
SUMMARY	Page No.				
(06) PRELIMINARIES	A/41				
(19) SUBSTRUCTURE	B/8				
(21) EXTERNAL WALLS	C/6				
(22) INTERNAL WALLS	D/4				
(23) FLOORS & GALLERIES	E/3				
(27) ROOFS	F/3				
(28) FRAME	G/4				
(31) EXTERNAL WALL COMPLETIONS	H/7				
(32) INTERNAL WALL COMPLETIONS	J/7				
(37) ROOF COMPLETIONS	K/2				
(41) WALL FINISHES EXTERNALLY	L/3				
(42) INTERNAL WALL FINISHES	M/3				
(43) FLOOR FINISHES	N/5				
(45) CEILING FINISHES	P/4				
(47) ROOF FINISHES	Q/6				
(52) DRAINAGE & REFUSE DISPOSAL	R/2				
(59) MECHANICAL INSTALLATIONS	S/6				
(69) ELECTRICAL INSTALLATIONS	T/6				
(73) CULINARY FITTINGS	U/3				
(74) SANITARY FITTINGS	V/4				
(79) FITTINGS GENERALLY	W/5				
WORKS IN EXISTING BUILDING	X/19				
(10) PREPARED SITE	Y/6				
(30) SITE ENCLOSURES	Z/7				

Description	Qty	Unit	Rate	€	c
SUMMARY	Page No.				
(40) ROADS, PATHS & PAVINGS	AA/11				
(50) SITE SERVICES (PIPED & DUCTED)	BB/11				
(60) SITE SERVICES (MAINLY ELECTRICAL)	CC/6				
(70) SITE FITTINGS	DD/3				
(80) LANDSCAPING	EE/3				
TOTAL AMOUNT TO FORM OF TENDER					
Note: This Bill of Quantities contains pages numbered A/1 to EE/3.The tenderer should ensure that...					

Appendix A

Electrical Installations

ITEM	DESCRIPTION	TOTAL
1.0	PRELIMINARIES	
2.0	SWITCHGEAR & CONTAINMENT	
3.0	GENERAL SERVICES	
4.0	LIGHTING INSTALLATION	
5.0	FIRE ALARM INSTALLATION (SPECIALIST SUB)	
6.0	DATA INSTALLATION	
7.0	EARTHING & BONDING	
8.0	MECHANICAL WIRING	
9.0	SECURITY INSTALLATION	
10.0	ANY OTHER ITEMS (FILL IN AS REQUIRED)	
11.0	TESTING & COMMISSIONING	
12.0	O&M MANUALS	
13.0	AS INSTALLED DRAWINGS	
14.0	**TENDER TOTAL**	

TENDERER

DATE

ITEM	DESCRIPTION	TOTAL
1.0	PRELIMINARIES	
1.1	CONTRACT PRELIMINARIES	
1.2	BCAR REQUIREMENTS	
	SUB-TOTAL TO SUMMARY	
2.0	SWITCHGEAR & CONTAINMENT	
2.1	ALTERATIONS TO EXISTING MAIN SWITCHBOARD	
2.2	SUPPLY AND INSTALL SDB1	
2.3	SUPPLY AND INSTALL EXTERNAL METERING CABINET	
2.4	SUPPLY AND INSTALL CABLE TRAYS	
2.5	SUPPLY AND INSTALL CABLE TRUNKING	
2.6	SUPPLY AND INSTALL CONDUITS	
2.7	SUPPLY AND INSTALL SUB MAINS CABLING	
2.8	DISCONNECTION OF EXISTING REDUNDANT SERVICES	
	SUB-TOTAL TO SUMMARY	
3.0	GENERAL SERVICES	
3.1	SUPPLY AND INSTALL WALL MOUNTED SOCKET AND SPUR OUTLETS	
3.2	SUPPLY AND INSTALL DADO MOUNTED SOCKETS	
3.3	SUPPLY AND INSTALL POWER SUPPLIES	
3.4	CABLING TO FINAL CIRCUITS	
3.5	SUPPLY AND INSTALL DISABLED ALARM	
3.6	SUPPLY AND INSTALL DADO TRUNKING	
3.7	SUPPLY AND INSTALL CABLING TO AOV	
3.8	SUPPLY AND INSTALL DISABLED REFUGE ALARM	
3.9	SUPPLY AND INSTALL DISABLED ALARM SYSTEM	
	SUB-TOTAL TO SUMMARY	
4.0	LIGHTING INSTALLATION	
4.1	SUPPLY AND INSTALLATION LIGHT SWITCHES, RETRACTIVE SWITCHES AND PIRS	
4.2	SUPPLY LIGHT TYPE A	
4.3	SUPPLY LIGHT TYPE B	
4.4	SUPPLY LIGHT TYPE C	
4.5	SUPPLY LIGHT TYPE D	
4.6	SUPPLY LIGHT TYPE E	
4.7	SUPPLY LIGHT TYPE EM	
4.8	SUPPLY LIGHT TYPE EM1	
4.9	SUPPLY LIGHT TYPE EX1	
4.10	SUPPLY LIGHT TYPE	
4.11	SUPPLY LIGHT TYPE	
4.12	INSTALL LIGHT TYPE A	
4.13	INSTALL LIGHT TYPE B	
4.14	INSTALL LIGHT TYPE C	
4.15	INSTALL LIGHT TYPE D	
4.16	INSTALL LIGHT TYPE E	
4.17	INSTALL LIGHT TYPE EM	
4.18	INSTALL LIGHT TYPE EM1	
4.19	INSTALL LIGHT TYPE EX1	
4.20	INSTALL LIGHT TYPE	
4.21	INSTALL LIGHT TYPE	
4.22	CABLING FROM SWITCHBOARD TO FINAL CIRCUITS	
	SUB-TOTAL TO SUMMARY	
5.0	FIRE ALARM INSTALLATION (SPECIALIST SUB)	
5.1	SUPPLY AND INSTALL FIRE ALARM REPEATER PANEL	
5.2	SUPPLY AND INSTALL FIELD DEVICES	
5.3	CABLING OF FIELD DEVICES TO THE FIRE ALARM PANEL	
5.4	FIRE ALARM INTERFACES AND NETWORKING TO PANELS	
5.5	FIRE ALARM DRAWINGS	
5.6	COMMISSIONING, HANDOVER DOCUMENTS AND CERTIFICATION	

5.7	SUPPLY AND INSTALL NETWORKING TO EXISTING SYSTEM	
	SUB-TOTAL TO SUMMARY	
6.0	DATA INSTALLATION	
6.1	SUPPLY AND INSTALLATION OF COMMS CABINETS	
6.2	INSTALLATION OF WALL MOUNTED DATA OUTLETS	
6.3	INSTALLATION OF DADO MOUNTED DATA OUTLETS	
6.4	SUPPLY AND INSTALL DATA CABLING	
6.5	SUPPLY AND INSTALL FIBRE CABLING	
6.6	SUPPLY AND INSTALL FIBRE SWITCHES, PATCH PANELS	
6.7	TESTING OF DATA CABLING	
6.8	SUPPLY AND INSTALL WIRING ASSOCIATED WITH SOUNDFIELD SYSTEM	
6.9	SUPPLY AND INSTALL TV OUTLETS	
	SUB-TOTAL TO SUMMARY	
7.0	EARTHING & BONDING	
7.1	EARTHING AND BONDING OF ALL BOARDS	
7.2	EARTHING AND BONDING OF ALL DUCTWORK AND STEELWORK	
7.2	EARTHING AND BONDING OF ALL PIPE WORK	
	SUB-TOTAL TO SUMMARY	
8.0	MECHANICAL WIRING	
8.1	POWER WIRING TO MECHANICAL SERVICES	
8.2	CONTROL WIRING TO MECHANICAL SERVICES	
	SUB-TOTAL TO SUMMARY	
9.0	SECURITY INSTALLATION	
9.1	SUPPLY & INSTALL INTRUDER ALARM SYSTEM PANEL AND DEVICES	
9.2	INTRUDER ALARM SYSTEM CABLING	
9.3	SUPPLY AND INSTALL CCTV	
9.4	CCTV CABLING	
9.5	DOOR ACCESS SYSTEM WIRING	
9.6	DOOR ACCESS CONTROLS SYSTEM	
	SUB-TOTAL TO SUMMARY	
10.0	ANY OTHER ITEMS (FILL IN AS REQUIRED)	
10.1	LIGHTNING PROTECTION INSTALLATION	
10.2		
10.3		
	SUB-TOTAL TO SUMMARY	

Mechanical Instalations

Item	Description	Cost
1.0	PRELIMINARIES	
2.0	OIL SERVICES	
3.0	ABOVE GROUND SOILS AND WASTE	
4.0	FIRE SERVICES	
5.0	HEATING SERVICES	
6.0	VENTILATION SYSTEMS	
7.0	WATER SERVICES	
8.0	TEST AND COMMISSIONING	
9.0	CONTROLS	
10.0	O & M MANUALS	
11.0	STRIPOUT	
12.0	ANY OTHER ITEMS	
13.0	**TENDER TOTAL**	

Tenderer Name:	
Address	
Contact Number	
Email Address	

ITEM	DESCRIPTION	TOTAL
1.0	**PRELIMINARIES**	
1.1	CONTRACT PRELIMINARIES	
1.2	COVID-19	
1.3	BCAR REQUIREMENTS	
	SUB-TOTAL TO SUMMARY	
2.0	**OIL SERVICES**	
2.1	SUPPLY AND INSTALLATION OF ALL OIL PIPEWORK TO NEW BOILER	
2.2	SUPPLY AND INSTALL VALVE, FITTINGS ETC	
	SUB-TOTAL TO SUMMARY	
3.0	**ABOVE GROUND SOILS AND WASTE**	
3.1	SUPPLY AND INSTALL INTERNAL UPVC FOUL DRAINAGE PIPEWORK	
3.2	SUPPLY AND INSTALLATION OF WASTES AND TRAPS	
3.3	SUPPLY AND INSTALL CONDENSATE DRAINAGE PIPEWORK FROM BOILERS	
3.4	SUPPLY AND INSTALL CONDENSATE AND DEFROST DRAINAGE FROM HEAT PUMP	
3.5	FIT AND CONNECT ALL SANITARYWARE, SINKS & FIXTURES (ALL SUPPLIED FREE ISSUE BY THE MAIN CONTRATOR)	
	SUB-TOTAL TO SUMMARY	
4.0	**FIRE SERVICES**	
4.1	SUPPLY AND INSTALL FIRE EXTINGUISHERS / BLANKETS/ FRAMES / SIGNAGE	
	SUB-TOTAL TO SUMMARY	
5.0	**HEATING SERVICES**	
5.1	SUPPLY AND INSTALLATION OF NEW OIL FIRED BOILER	
5.2	SUPPLY AND INSTALLATION OF INTERNAL AND EXTERNAL TWIN WALLED FLUE INC BRACKETRY, FITTINGS ETC	
5.3	SUPPLY AND INSTALLATION OF EXPANSION VESSEL, INC VALVES, FITTINGS ETC	
5.4	SUPPLY AND INSTALLATION OF CIRCULATION PUMPS, INC VALVES, FITTINGS ETC	
5.5	SUPPLY AND INSTALLATION OF RADIANT PANELS & RADIATORS INCLUDING PIPE CONNECTIONS, TRV'S, SUPPORTS,	
5.6	ALTERATION TO THE EXISTING LOW LOSS HEADER, PIPEWORK, VALVES, FITTINGS AND INSULATION	
5.7	ALLOW FOR PAINTING OF PIPEWORK	
5.8	SUPPLY AND INSTALLATION OF AIR SOURCE HEAT PUMP SYSTEM	
5.9	SUPPLY AND INSTALLATION OF BUFFER VESSEL, INC VALVES, FITTINGS ETC	
5.10	SUPPLY OF INHIBITOR INTO THE HEATING SYSTEM	
5.11	SUPPLY AND INSTALLATION OF ALL 2-PORT VALVES, MOTORINSED VALVES AND TEMPERATURE STATS	
	SUB-TOTAL TO SUMMARY	
6.0	**VENTILATION SYSTEMS**	
6.1	SUPPLY AND INSTALLATION OF LOCAL EXTRACT VENTILATION & HRU UNITS INCLUDING DUCTING AND LOUVRES	
6.2	SUPPLY AND INSTALLATION OF ALL GRILLES, VALVES AND DIFFUSERS	
6.3	SUPPLY AND INSTALLATION OF KITCHEN CANOPY	
6.4	ALLOW FOR CONNECTION TO KITCHEN CANOPY	
6.5	SUPPLY AND INSTALLATION OF FIRE / FIRE SMOKE DAMPERS	
6.6	SUPPLY AND INSTALLATION OF ALL VENTILATION CONTROLS	
	SUB-TOTAL TO SUMMARY	
	SUB-TOTAL TO SUMMARY	
7.0	**WATER SERVICES**	
7.1	SUPPLY AND INSTALLATION OF COMPLETE MAINS WATER SERVICES PIPEWORK	
7.2	SUPPLY AND INSTALL OF HOT, RAINWATER & COLD WATER SERVICES PIPEWORK INC WATER METER	
7.3	SUPPLY AND INSTALL OF ALL PIPEWORK VALVES, SUPPORTS, FITTINGS ETC	
7.4	SUPPLY AND INSTALLATION OF WATER SERVICES PIPEWORK INSULATION	
7.5	ALLOW FOR CONNECTION OF WATER SERVICES TO ALL SANITARY WARE	
7.6	CONNECTION TO EXISITNG COLD & RAINWATER WATER STORAGE TANK IN THE ATTIC SPACE	
7.7	SUPPLY AND INSTALLATION OF TMV3 ANTI-SCALD VALVES	
7.8	SUPPLY AND INSTALLATION OF SECONDARY RETURN PUMP	
7.8	SUPPLY AND INSTALLATION OF UNDERSINK WATER HEATERS	
	SUB-TOTAL TO SUMMARY	
8.0	**TESTING AND COMMISSIONING**	
8.1	TEST AND COMMISSION HEATING SERVICES INSTALLATION	
8.2	TEST AND COMMISION MCC PANEL	
8.3	TEST AND COMMISSION GAS SYSTEMS	
8.4	TEST AND COMMISSION ABOVE GROUND DRAINAGE	
8.5	TEST AND COMMISSION VENTILATION SYSTEMS	
8.6	TEST AND COMMISSION WATER SERVICES SYSTEMS	

8.7	ALL OTHER TESTING TO COMPLETE THE MECHANICAL INSTALLATION	
	SUB-TOTAL TO SUMMARY	
9.0	**CONTROLS**	
9.1	SUPPLY AND INSTALL MCC PANEL & LCD SCREEN IN NEW BOILER HOUSE	
9.2	ENSURING ALL MOTORISED VALVES, UTILITY METERS AND STATS ARE INCLUDED ON THE BMS & GRAPHICS SYSTEM	
9.3	ADD THE NEW HEATING SYSTEM TO THE EXISTING BMS GRAPHICS SYSTEM C/W LICENCE	
9.4	REMOTE MONITORING FACILITY	
9.5	ALTERATION TO THE EXISTING MCC PANEL IN THE EXISTING BOILER HOUSE	
9.6	ENSURE ALL CONTROLS ARE INCLUDED AS PER THE SPECIFICATIONS AND DRAWINGS	
	SUB-TOTAL TO SUMMARY	
10.0	**O & M MANUALS**	
10.1	PROVIDE A FULL SET OF HARD AND SOFT COPIES OF AS-BUILT DRAWINGS	
10.2	PROVIDE A FULL SET OF O&M MANUALS	
	SUB-TOTAL TO SUMMARY	
11.0	**STRIPOUT**	
11.1	DISCONNECT, DRAINDOWN & REMOVE THE EXISITNG OIL BOILER & FLUE	
11.2	DISCONNECT THE EXISITNG EXTERNAL BOILER FLUE	
	DRAINDOWN, DISCONNECT AND DISPOSE OF THE FOLLOWING PLANT, PIPEWORK & MATERIALS	
11.3	BOILER, PIPEWORK, INSULATION & FLUE	
	SUB-TOTAL TO SUMMARY	
12.0	**ANY OTHER ITEMS (PLEASE SPECIFY)**	
12.1		
12.2		
12.3		
	SUB-TOTAL TO SUMMARY	

SIGNED: _____

NAME OF THE FIRM: _____

ADDRESS: _____

_____

_____

_____

_____

DATE: _____

MGM PARTNERSHIP.
CHARTERED QUANTITY SURVEYORS & CHARTERED PROJECT MANAGERS