

Description	Qty	Unit	Rate	Amount
<u>PRELIMINARIES</u> <u>CONTRACT, GENERAL</u> <u>PARTIES</u> Employer: The Employer is Ardfield National School Employer's Representative The Employer's Representative is Declan O Shea Consulting Engineers Lid Market Square, Dunmanway, Co Cork Architects A Declan O Shea Consulting Engineers Lid Market Square, Dunmanway, Co Cork Consulting Structural Engineers The Consulting Structural Engineer is Declan O Shea Consulting Engineers Lid Market Square, Dunmanway, Co Cork Consulting Services Engineers The Consulting Services Engineer is John Kelleher & Associates, Cuil Greine House, Ballincollig Commercial Park, Link Road, Ballincollig, Co. Cork. Quantity Surveyor: The Quantity Surveyor is DH Quantity Surveying, Butlerstown, Bandon, Co Cork Drawings and Documents: The drawings which were used in the preparation of this Pricing Document are listed as Works Requirements and a copy of each is issued with the Tender Documents. Other drawings and information used in the preparation of this document are available for inspection, by appointment at the Constulting Engineers Office. <u>DEFINITIONS AND EXPLANATIONS</u> Terms: The terms used in the Contract Documents shall be defined in BS 3589.				

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<u>(Cont) DEFINITIONS AND EXPLANATIONS</u>				
Headings:				
The clause headings used in the Preliminaries section of the Pricing Document shall not be deemed to be part of the text.				
Approved:				
"Approved" shall mean approved in writing by the Employers Representative.				
Instructed:				
"Instructed" shall mean instructed in writing by the Employers Representative. The Employer's Representative's Instructions will be in writing no change orders on the contract are authorized except when so confirmed.				
IS and BS:				
"IS" or "BS" followed by a number means respectively the Irish or British Standard Specification relating to a particular product.				
SIS:				
"SIS" followed by a number means the Swedish Standards Institution Specification relating to a particular product.				
DIN:				
"DIN" followed by a number mean the German Standard Specification relating to a particular product.				
ASTM:				
"ASTM" followed by a number means the Standard Specification relating to a particular product published by the American Society of Testing Materials.				
Manufacturer and Type:				
Where "Manufacturer" is used in the specification of materials it shall mean the firm under whose name the particular product is marketed. Where "type" is used it shall mean the proprietary brand name, reference or other quality by which the product is identified.				

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<u>(Cont) DEFINITIONS AND EXPLANATIONS</u> Proprietary Names, Rates: Where the phrase "or other approved" is used the rates or prices shall be held to be based on the particular commodity specified. Proprietary Names: The phrase "or other approved" shall be deemed included whenever materials are specified by proprietary name. Formwork: The term "formwork" shall be deemed to include falsework. <u>Award of Contract:</u> The award of the contract will be made to the Contractor whose tender has been determined to be the lowest evaluated tender and who meets the required standards of capability and financial responsibility. Tender prices shall include for all labour and materials required for the execution of the works and shall include for all costs in connection therewith, such as freight and transport, insurance of goods and persons, taxes, duties and other such charges current at date of submission of tender and for all charges arising from statutory legislation affecting the cost of labour. The responsibilities regarding knowledge of the operation or amount of any of these charges shall lie with the Tenderer and no allowance shall be made for them after submission of tender. It is a condition for the award of Contract that the Contractor produces promptly a tax clearance certificate, unless he has a Sub-Contractor's C2 certificate. Contractors will be allowed seven working days to produce the certificate. The tender must comply fully with all the conditions set out in the tender documents without alteration. <u>Tendering Details</u> Expense of Preparing Tender A Contractors will not be remunerated for any trouble or expense they may incur in making up their tenders. B The Employer does not bind himself to accept the lowest or any Tender.				

Description		Qty	Unit	Rate	Amount
<u>(Cont) Tendering Details</u>					
Pricing the Pricing Document					
A	This Pricing Document must be printed in full and returned in hard copy priced in ink. If any items are not priced they will be deemed to be spread over and included in the prices generally. A tender in any other format (e.g. on computer disk) will not be accepted.		Note		
B	Descriptive sizes are given in the nearest metric to correspond with present available imperial sizes. No extra resulting from slight changes in sizes when metric equivalents are manufactured will be allowed.		Note		
Tender Qualifications					
C	The Tenders shall be strictly in accordance with the Pricing Document, Drawings, Contractor's obligations pursuant to the Conditions of Contract and shall not be qualified in any way. Any such qualification may result in the Tender not being considered.		Note		
Work to be Performed					
D	The Contractor shall furnish all labour, materials and equipment, tools, constructions plant and supervision to perform the work in accordance with and described in the Specifications and Drawings referred to herein, and as subsequently amended or revised.		Note		
E	The Contractor shall include in the Contract Price for all consumable construction materials.		Note		
F	The Contractor shall be held to have satisfied himself by careful examination of the drawing and specification and of the site as to the amount of work to be carried out to enable the works to function satisfactorily. This shall include all items reasonable and obviously referred to as necessary though not implied in the Drawings and Specifications and the contract is for completely finished work strictly in accordance with the true content and meaning of the Drawings and Specifications and no payment beyond the Contract Sum will be allowed in consequence of the Contractor having failed to properly acquaint himself with the site, drawings and specifications.		Note		

	Description	Qty	Unit	Rate	Amount
	<u>(Cont) Tendering Details</u>				
	Provide Everything Necessary				
A	The Contractor shall provide everything necessary for the proper execution of the Contract according to the true intent and meaning of the documents. Whether same may or may not be particularly described, provided same is reasonably inferred therefrom.		Note		
	Lump Sum Additions or Deductions to Arrive at Tender				
B	If the Contractor, to arrive at the amount of his Tender, shall have added to or deducted from the total of the items in the Breakdown of Tender any sum either as a percentage or otherwise a similar percentage of proportionate sum shall be added to or deducted from the amount of variations.		Note		
	Irish Building Specification:				
	The "General Conditions & Preliminary Items" in this Pricing Document are those in the I.B.S. Part 1 Vol. 1, adapted for this project, together with other particular clauses.				
	<u>CONDITIONS OF CONTRACT</u>				
	Contract Form				
	The Form of Contract will be the Public Works Contract for MINOR BUILDING and CIVIL ENGINEERING WORKS designed by THE EMPLOYER (Current Edition)				
	Schedule of Clause Headings				
	A schedule of clause headings of the Conditions is set out hereunder for pricing:-				
	<u>1. THE CONTRACT</u>				
C	1.1 Definitions		Note		
D	1.2 Interpretation		Note		
E	1.3. Inconsistencies		Note		
F	1.4. Pricing Document and Works Proposals		Note		
G	1.5. Performance Bond.		Note		
H	1.6. (Sub-Clause Not Unused)		Note		
J	1.7. Joint Ventures		Note		

	Description	Qty	Unit	Rate	Amount
	<u>(Cont) CONDITIONS OF CONTRACT</u>				
	<u>(Cont) Schedule of Clause Headings</u>				
	<u>(Cont) 1. THE CONTRACT</u>				
A	1.8. Assignment		Note		
B	1.9. Miscellaneous		Note		
C	1.10 Background Information.		Note		
	<u>2. THE LAW</u>				
D	2.1. Law Governing the Contract		Note		
E	2.2. Compliance with Legal Requirements		Note		
F	2.3. Consents		Note		
G	2.4. Project Supervisor		Note		
H	2.5. Safety, Health and Welfare at Work Act 2005 and Safety, Health and Welfare at Work (Construction) Regulations 2013		Note		
J	2.6. Ethics in Public Office		Note		
	<u>3. LOSS, DAMAGE AND INJURY</u>				
K	3.1. Employer's risks of Loss and Damage to the Works		Note		
L	3.2. Care of the Works		Note		
M	3.3. Insurance of the Works and Other Risk Items		Note		
N	3.4. Contractor's Indemnity		Note		
P	3.5. Employer's Indemnity		Note		
Q	3.6. Public Liability and Employer's Liability insurances		Note		
R	3.7. Professional Indemnity Insurance		Note		
S	3.8. Existing Facilities and Use or Occupation by Employer		Note		
T	3.9. General Requirements Concerning Insurance		Note		

Description		Qty	Unit	Rate	Amount
<u>(Cont) CONDITIONS OF CONTRACT</u>					
<u>(Cont) Schedule of Clause Headings</u>					
<u>4. MANAGEMENT</u>					
A	4.1. Co-operation		Note		
B	4.2. Contractor's Representative and Supervisor		Note		
C	4.3. Employer's Representative		Note		
D	4.4. Employer's Representative's Communications		Note		
E	4.5. Instructions		Note		
F	4.6. Works Proposals		Note		
G	4.7. Required Contractor Submissions		Note		
H	4.8. (Sub-Clause not used)		Note		
J	4.9. Programme		Note		
K	4.10. Progress Reports		Note		
L	4.11. Notice and Time for Employer's Obligations		Note		
M	4.12. Documents		Note		
N	4.13. Contractor's Management		Note		
P	4.14. Communications		Note		
Q	4.15. Meetings		Note		
R	4.16. Confidentiality and Secrecy		Note		
S	4.17. Contractor's Things Not to Be Removed		Note		
T	4.18. Contractor's Documents		Note		
<u>5. CONTRACTOR'S PERSONNEL</u>					
U	5.1. Contractor's Personnel to Carry Out Contractor's Obligations		Note		
V	5.2. Qualifications and Competence		Note		
W	5.3. Pay and Conditions of Employment		Note		
X	5.4. Subcontractor's and Specialists		Note		

Description		Qty	Unit	Rate	Amount
<u>(Cont) CONDITIONS OF CONTRACT</u>					
<u>(Cont) Schedule of Clause Headings</u>					
<u>(Cont) 5. CONTRACTOR'S PERSONNEL</u>					
A	5.5. Collateral Warranties		Note		
B	5.6. Removal of Workers		Note		
C	5.7. Weekly Labour Records		Note		
D	5.8. Ancillary Certificates		Note		
<u>6. PROPERTY</u>					
E	6.1. Ownership of Works Items		Note		
F	6.2. Infringement of Property Rights		Note		
G	6.3. Works Requirements		Note		
H	6.4. Rights in Contractor's Documents		Note		
<u>7. THE SITE</u>					
J	7.1. Lands Made Available for the Works		Note		
K	7.2. Trespassers.		Note		
L	7.3. Contractor Responsible for all Site Operations		Note		
M	7.4. Services for Employer's Facilities		Note		
N	7.5. Security and Safety of the Site and Nuisance		Note		
P	7.6. Other Contractors		Note		
Q	7.7. Setting out the Works		Note		
R	7.8. Archaeological Objects and Human Remains		Note		
S	7.9. Access and Facilities		Note		
T	7.10.(not used)		Note		
U	7.11.(not used)		Note		
V	7.12. Charges		Note		

Description		Qty	Unit	Rate	Amount
<u>(Cont) CONDITIONS OF CONTRACT</u>					
<u>(Cont) Schedule of Clause Headings</u>					
<u>8. QUALITY, TESTING AND DEFECTS</u>					
A	8.1. Standards of Workmanship and Works Items		Note		
B	8.2. Quality Assurance		Note		
C	8.3. Inspection		Note		
D	8.4. Tests		Note		
E	8.5. Defects		Note		
F	8.6. Defects Period		Note		
G	8.7. Defects Certificate		Note		
<u>9. TIME AND COMPLETION</u>					
H	9.1 Starting Date		Note		
J	9.2. Suspension		Note		
K	9.3. Delay and Extension of Time		Note		
L	9.4. Programme Contingency		Note		
M	9.5. Omissions and Reduction of Time		Note		
N	9.6. Substantial Completion		Note		
P	9.7. (Sub-clause not used)		Note		
Q	9.8. Liquidated Damages		Note		
<u>10. CLAIMS AND ADJUSTMENTS</u>					
R	10.1 Compensation Event		Note		
S	10.2. Contractor to Pay Employer's Cost of Checking Quantities		Note		
T	10.3. Contractor Claims		Note		
U	10.4. Proposed Instructions		Note		
V	10.5. Employer's Representative's Determination		Note		

Description		Qty	Unit	Rate	Amount
<u>(Cont) CONDITIONS OF CONTRACT</u>					
<u>(Cont) Schedule of Clause Headings</u>					
<u>(Cont) 10. CLAIMS AND ADJUSTMENTS</u>					
A	10.6. Adjustments to the Contract Sum		Note		
B	10.7. Delay Cost		Note		
C	10.8. Price Variation		Note		
D	10.9. Employer's Claims		Note		
<u>11. PAYMENT</u>					
E	11.1. Interim Payment		Note		
F	11.2. Unfixed Works Items		Note		
G	11.3. Retention		Note		
H	11.4. Full Payment		Note		
J	11.5. Final Statement		Note		
K	11.6. Time for Payment and Interest		Note		
L	11.7. Value Added Tax		Note		
M	11.8. Withholding Tax		Note		
<u>12. TERMINATION</u>					
N	12.1 Termination of Contractor Default		Note		
P	12.2. Consequences of Default Termination		Note		
Q	12.3. Suspension by the Contractor		Note		
R	12.4. Termination by the Contractor		Note		
S	12.5. Termination at Employer's Election		Note		
T	12.6. Consequences of Termination by Contractor or at Employer's Election		Note		
U	12.7. Survival		Note		
V	12.8. Payment		Note		
W	12.9. Reference to Conciliation		Note		

	Description	Qty	Unit	Rate	Amount
	<u>(Cont) CONDITIONS OF CONTRACT</u> <u>(Cont) Schedule of Clause Headings</u> <u>(Cont) 12. TERMINATION</u>				
	<u>13. DISPUTES</u>				
A	13.1. Conciliation		Note		
B	13.2. Adjudication		Note		
C	13.3. Arbitration		Note		
D	13.4. Jurisdiction		Note		
E	13.5. Agent for Service		Note		
F	13.6. Continuing Obligations		Note		
	<u>PV 1. PRICE VARIATION</u>				
G	PV1.1 Contract Sum Adjustment		Note		
H	PV1.2 Communications		Note		
J	PV1.3 Compensation Events		Note		
K	PV1.4 Efficiency		Note		
L	PV1.5 Certificates & Payment		Note		
	Nothing in the Pricing Document shall override, modify or affect in any way whatsoever the application or interpretation of that which is contained in the Conditions of Contract.				
	<u>Materials and Workmanship</u>				
M	Where National Standards to which equipment or materials must comply are cited, goods meeting other authoritative standards which ensure an equal or higher quality than the standards mentioned, may also be accepted.		Note		

	Description	Qty	Unit	Rate	Amount
	<u>(Cont) Materials and Workmanship</u>				
A	Where reference is made in the Pricing Document to specific brand names, catalogue numbers or type of equipment or a specific manufacturer, offer of alternative equipment, articles or materials which have similar characteristics and provide equal performance and quality to those specified may also be considered. Any substitutions which the Contractor proposes to make in this respect must be approved by the Employer's Representative in writing before incorporation into the work.		Note		
B	Any approval given by the Employer's Representative in this respect shall not relieve the Contractor from his responsibility for the performance and quality of his proposed substitutions.		Note		
C	Materials, goods and workmanship are to be of the best quality of their respective kinds and those for which there is an Irish or a British Standard or Code of Practice are to comply therewith unless otherwise stated. The Employer's Representative shall be the sole judge as to the fulfilment of these requirements.		Note		
D	The Contractor shall provide a copy of any relevant Code of Practice for use by the foreman on site. Preambles and descriptions of materials, goods and workmanship given in any one section or trade are to apply throughout this Pricing Document unless otherwise described.		Note		
	<u>Deleterious, Hazardous or Undesirable Materials</u>				
	The materials listed below shall not be used on the project either in temporary works or incorporated in the permanent works in any shape or form:-				
	(a) High Alumina Cement or Concrete; (b) Calcium Chloride; (c) Calcium Silicate or sand lime bricks or tiles; (d) Asbestos products; (e) Wood Wool; (f) Crocidolite; (g) Sea Dredged Aggregates; (h) Urea Formaldehyde; (i) Materials containing fibres with a diameter of three microns or less and a length of 200 microns or less; (j) Polytetra Fluroethylene (PTFE) except when used as a non-stick sealing within valves, joining materials between pipes or as an insulating tape; (k) Mineral fibres (man made or naturally occurring) which are not stabilized materials to prevent fire migration; (l) Halon (m) Lead based paint; and (n) any other material generally considered to be deleterious at the time of use.				

	Description	Qty	Unit	Rate	Amount
	<u>Unfixed Materials</u>				
A	All materials shall be carefully stacked and kept neatly and tidily in a position to be pointed out to the Contractor. All sheds shall be placed in positions agreed with the Employer's Representative.		Item		
	<u>CONTRACTOR'S LIABILITY</u>				
	Insurances				
B	The requirements for insurances are set out in Clause 3 of the Conditions of Contract and as listed in the Scedule, Part 1D.		Item		
	Insurance, Proof.				
C	Submit proof to the Employer that insurances in accordance with Clauses 3.3, 3.4, 3.6 & 3.9 of the Conditions of Contract are in effect before commencing the Works.		Item		
	<u>EMPLOYER'S LIABILITY</u>				
	Owner Controlled Insurances				
D	If the Works Requirements include provision for an owner controlled insurance programme (see sub-clause 3.9.9), the Contractor shall include here for all costs in complying with these provisions, including any amendments they make to clause 3.		Item		
	Tax Clearance Certificate:				
E	It will be a condition for the award of the Contract that the successful tenderer must be able to promptly produce a tax clearance certificate from the Revenue Commissioners.		Item		
	<u>PROJECT DOCUMENTATION</u>				
	Drawings, copies etc.,				
F	Copies of the Drawings, and Pricing Document, additional to those provided for in the Conditions of Contract, shall be provided at the Contractor`s expense. Keep one copy of all Contract Drawings on the Works for inspection by the Employer's Representative. Return all copies of Drawings to the Employer's Representative on Completion of the Works.		Item		
	Inspection of Documents.				
G	A full set of drawings and other documents relating to the Contract may be seen by appointment at the Office of the Architects.		Item		

Description	Qty	Unit	Rate	Amount
<u>(Cont) PROJECT DOCUMENTATION</u>				
Pricing Document.				
A This Pricing Document has been measured in accordance with the Agreed Rules of Measurement (ARM 4), incorporating the approved list of amendments by the Department of Finance. No alterations or qualification of any kind may be made by the tenderer to the text thereof, should any alteration, amendment, note or addition be so made, it will be ignored and the text prepared by the Quantity Surveyor shall be adhered to.		Item		
Sufficiency of Information.				
B The Building Contractor shall satisfy himself that there is sufficient information in the Pricing Document to enable him to price all items. If he requires further information, he should communicate with the Quantity Surveyor who will supply what information is required. Descriptions shall be deemed to include such incidental works as are usual and necessary or as can be fairly implied although not specifically mentioned. All information and instructions to the various trades will be deemed to have been taken into consideration when pricing the whole of the Pricing Document.		Item		
Unpriced Items.				
C Costs for items which are not priced shall be deemed to be included in priced items in the Pricing Document.		Item		
Duties, Taxes, V.A.T.				
D Provide for all customs and excise duties and import licence fees. Price items of work exclusive of Value Added Tax which shall be shown and priced separately as an item.		Item		
<u>FREEDOM OF INFORMATION ACT 1997</u>				
E Information in relation to this tender may be available on demand in accordance with Freedom of Information Act 1997.		Note		
F You are asked to consider if any of the information supplied by you in this (tender) should not be disclosed because of its sensitivity. If this is the case, you should, when providing the information, identify same and specify the reasons for its sensitivity. The Employer will consult with you about sensitive information before making a decision on any Freedom of Information request received.		Note		

	Description	Qty	Unit	Rate	Amount
	<u>STANDARDS, CODES OF PRACTICE</u>				
	Standards and Codes of Practice.				
A	Reference herein to Irish, British or the National Standards or Codes of Practice do not give the year of issue or dates of amendments. The latest relevant published version including any relevant amendments at date of invitation to tender shall apply. Where a Standard or Code of Practice has been superseded, the latest edition of the superseding publication shall apply.		Item		
	Standards, Codes of Practice and Text.				
B	The Specification shall take precedence over the Standards and Codes of Practice which are referred to where documents are at variance. Any variance to be brought to the Employers Representative's attention for further instructions.		Item		
	<u>STATUTORY OBLIGATIONS</u>				
	Local Authority Approval.				
C	Obtain approval from the Local Authority for the location of temporary entrances, hard standings and crossings required for the Works. Comply with the requirements of the Local Authority regarding their maintenance and reinstatement.		Item		
	Local Authority Permission.				
D	Obtain permission from the Local Authority for all temporary hoardings and fences. Comply with the requirements of the Local Authority.		Item		
	Fees.				
E	Allow for payment of all Local Authority fees and charges which are required for the execution and completion of the works in accordance with clause 2.3 of the Conditions of Contract. Obtain all consents from Local Authorities necessary for the execution and completion of the works other than those which the Works Requirements say the Employer shall obtain.		Item		
	Garda Regulations.				
F	Ascertain and comply with the Garda regulations affecting the execution of the Works.		Item		

	Description	Qty	Unit	Rate	Amount
	<u>(Cont) STATUTORY OBLIGATIONS</u>				
	Building Regulations				
A	Allow for compliance with Building Control (Amendment) Regulations 2013 in the construction of this school extension.		Item		
	Safety Health and Welfare.				
B	Comply with all statutory safety, health and welfare regulations regarding work people, including those employed by Sub-Contractors, employed on the site.		Item		
C	The Contractor shall include for complying with the Safety, Health and Welfare at Work Acts and Regulations current at the date of tender.		Item		
	Covid 19				
D	The Contractor shall include for complying with the Health & Safety Authority requirements and CIF 'Standard Operating Procedures' and protocol in respect of protection from Covid 19 including but not limited to:- providing induction courses and instruction to site personnel, appointment of a C-19 Compliance Officer, provision of additional site welfare facilities, equipment and hygiene, provision of additional and appropriate PPE equipment, programming, organising and managing site activities, provision of additional manpower and resources to comply with social distancing guidelines, etc.		Item		
	Project Supervisor Construction Stage.				
E	The Contractor shall be appointed the Client under a collateral agreement to the main contract as Project Supervisor for the Construction Stage (P.S.C.S.) in respect of the project pursuant to the Safety Health and Welfare at Work (Construction) Regulations 1995. 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.		Item		
	Insurance Requirements For P.S.C.S				
F	The Contractor shall include for procuring that the insurance cover required to be obtained and maintained by the Contractor pursuant to clause 21 of the main contract shall provide indemnity in respect of any claim for bodily injury or property damage which the Contractor may incur by reason of the performance of the functions and duties of the Project Supervisor for the Construction Stage of the project.		Item		

Description	Qty	Unit	Rate	Amount
<u>(Cont) STATUTORY OBLIGATIONS</u>				
Information Requirements For P.S.C.S.				
A 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 and relevant nominated Sub-Contractors.		Item		
Assistance with "As Built" Drawings.				
B The Contractor shall include for providing assistance to the appropriate members of the design team and to relevant nominated Sub-Contractors in preparing "As Built" drawings for inclusion in the Safety File.		Item		
Pricing Document not a Design Document.				
C This Pricing Document is not a design document within the meaning and intent of the safety, health and welfare at work (Construction) regulations 1995 and does not purport to instruct the Contractor as to the manner and methods to be employed in the construction of this project. This information is to be ascertained from the design drawings and specification.		Item		
<u>BUILDING CONTROL REGULATIONS 1997-2014</u>				
Building Regulations				
D This project is one to which article 9(1) (b) of the Building Control Regulations 1997 (as amended) applies. The contractor shall comply with the Building Control Regulations 1997 - 2014 and with the Code of Practice. The contractor is the "builder" for the purposes of these regulations and shall undertake their duties in accordance with the regulations. Under the regulations the contractor's appointment is formally notified to the Building Control Authority. The contractor is required to sign an "Undertaking by Builder", to comply with its terms and to sign a Certificate of Completion for submission to the Building Control Authority in order that the works can be entered on the Register. The building cannot be occupied or used until so registered		Item		

	Description	Qty	Unit	Rate	Amount
	<u>(Cont) BUILDING CONTROL REGULATIONS 1997-2014</u>				
	Commencement Notice				
A	The employer shall sign and submit a commencement notice which shall include inter alia: Design Certificate, Notice of Assignment of Builder, Undertaking by Builder, Notice of Assignment of Assigned Certifier, Undertaking by Assigned Certifier		Item		
	Assigned Certifier				
B	The employer shall appoint a person (the Assigned Certifier) to inspect and co-ordinate the inspection of others during construction and to certify the building or works on completion. The assigned certifier, where not the architect, shall not issue instructions to the contractor.		Item		
	Undertaking by Builder				
C	Under the Regulations the employer shall submit to the Building Control Authority a Notice of Assignment of the contractor. The contractor shall accept this assignment and shall sign the "Undertaking by Builder" and shall comply with it in every respect.		Item		
	Inspection Plan and Inspection Notification Framework (INF)				
D	A Preliminary Inspection Plan (Appendix B) has been prepared for the project. The contractor is required to comply with the Inspection Plan and an Inspection Notification Framework to be agreed between the parties prior to contract.		Item		
	Definition of the "Works"				
E	The Works shall be defined as per Appendix A		Note		
	Compliance Certificates				
F	The Building Regulations require that certificates be provided:		Item		
G	DESIGN CERTIFICATE - This shall be provided by the designer at commencement notice stage. ANCILLARY CERTIFICATE DESIGN - These are to be provided by each other design team member and also by the contractor, sub-contractors and suppliers where they have undertaken design as part of the works.		Item		
H	ANCILLARY CERTIFICATE COMPLETION - These are to be provided by each other design team member and the specialist sub-contractors		Item		

	Description	Qty	Unit	Rate	Amount
	<u>(Cont) BUILDING CONTROL REGULATIONS 1997-2014</u> (Cont) Compliance Certificates				
A	CERTIFICATE OF COMPLIANCE ON COMPLETION.- Part A by the contractor and Part B by the Assigned Certifier		Item		
	Contractor's duties				
B	Accept the assignment to build and supervise the works and sign the Undertaking of Builder.		Item		
C	Comply with the Inspection Plan and agreed Inspection Notification Framework and any reasonable amendment during the course of the works.		Item		
D	The contractor shall be responsible for all delays and cost as a result of late inspection notification or inspections which have to be repeated where works are not fully ready for inspection or unsatisfactory.		Item		
E	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.		Item		
F	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, specialist 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.		Item		
G	Undertake the works in accordance with the documents lodged with the Commencement Notice and with all other documents and instructions issued by the design team.		Item		
H	Ensure that the workmanship and materials and all design by the contractor or his sub-contractors/suppliers comply with the building regulations.		Item		
	Provide the Assigned Certifier (either directly or via the architect as directed) with such documents as reasonably may be required by them such as:				
J	Ancillary certificates of compliance (design and completion) by sub-contractors, specialists and sub-sub contractors as listed at Appendix C and by any such contractors not yet appointed.		Item		

	Description	Qty	Unit	Rate	Amount
	<u>(Cont) BUILDING CONTROL REGULATIONS 1997-2014</u>				
	(Cont) Contractor's duties				
A	Test Certificates as listed in Appendix D		Item		
B	Technical documents/ product manuals.		Item		
C	Clarifications		Item		
D	Afford the Assigned Certifier the same facilities on site as for the Clerk of Works under clause 12 of the contract.		Item		
E	Where requested within 10 working days of a payment claim date the contractor shall provide an ancillary certificate or test result for works for which payment is requested.		Item		
F	Sign the Certificate of Compliance Part A on completion.		Item		
G	Provide a full set of records at the completion of the job, including safety file and as-built drawings.		Item		
H	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.		Item		
J	Tenderers shall note that Practical Completion for this contract is contingent upon the successful registration of the works on the Building Control Management System.		Item		
K	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.		Item		
	Tender Submittal Requirements:				
L	The tendering contractors shall submit the following documentation as part of their tender. Failure to do so may invalidate the tender:		Item		
M	Builders Competence Assessment containing the following information:		Item		
N	Evidence of member of (new) Construction Industry Register Ireland (CIRI)		Item		
P	Relevant experience over the last 3 years;		Item		
Q	Evidence of working knowledge of BC(A)R SI 9 2014;		Item		

	Description	Qty	Unit	Rate	Amount
	<u>(Cont) BUILDING CONTROL REGULATIONS 1997-2014</u>				
	(Cont) Tender Submittal Requirements:				
A	Details of any enforcement or non-compliance with Building Control over the last 5 years;		Item		
B	Builders CV's and experience of management and site supervisors;		Item		
C	Details of QA System for record keeping including technology used;		Item		
	Builder Method Statement (setting out):				
D	How the Builder proposes to supervise the works;		Item		
E	Method of validation of compliance of the works for which the Builder is responsible;		Item		
F	Method for recording and supervising concealed works;		Item		
G	Proposed technology/method for recording the progress of the works,		Item		
H	Proposed technology/method for recording Builder and Ancillary Certifier site inspections;		Item		
J	Draft Builders Preliminary Inspection Plan showing: how the inspections identified in the Preliminary Inspection Plan issued at tender shall be facilitated by the Builder during the course of the works; how documentation and Ancillary Completion Certificates for which the Builder is required to provide under this tender, shall be provided in advance of the nominated date for completion.		Item		
	Employer's (Building Owner) duties:				
	The employer is ultimately responsible for ensuring that the building or works complies with Building Regulations and has appointed a competent design team, assigned certifier and contractor (builder). The employer shall:				
K	Ensure that a Fire Safety Certificate and Disability Access Certificate are obtained if and when required.		Note		
L	Sign the commencement notice (7 day notice).		Note		
M	Sign and submit a notice of assignment of Assigned Certifier and Builder.		Note		
N	Ensure that adequate resources and competent persons are in place to design, construct, inspect and certify the works.		Note		

	Description	Qty	Unit	Rate	Amount
	<u>(Cont) BUILDING CONTROL REGULATIONS 1997-2014</u>				
	Assigned Certifier's Role:				
A	Provide and sign the Form of Undertaking at Commencement and Certificate of Compliance on Completion		Note		
B	Co-ordinate the ancillary certification of design team and others for the Certificate of Compliance on Completion.		Note		
C	Identify all designers and specialists (including specialist sub-contractors, suppliers) from whom certificates are required for the design and completion of the works. Co-ordinate and collate all certificates in conjunction with the builder.		Note		
D	Prepare the Preliminary Inspection Plan and oversee adherence to it. On completion provide the Inspection Plan as implemented.		Note		
E	On termination or relinquishment make available to the Building Owner all certification prepared and inspection reports carried out.		Note		
F	Act as the single point of contact with the Building Control Authority during construction.		Note		
G	Seek advice from the Building Control Authority in respect of compliance matters relating to the building or works where disputes or differences of opinion arise between the parties to the project		Note		
H	Maintain records of inspection.		Note		
J	The assigned certifier shall not be responsible for the supervision of the works and shall not issue instructions to the contractor.		Note		
	<u>INSURANCE</u>				
	Insurance Liability Indemnity and Insurance for Damage to Persons and to Property.				
K	Accept liability for and indemnify the Employer against liability for damage to persons and to property and insure against these liabilities by effecting and maintaining Public Liability Insurance and Employers Liability Insurance in accordance with Clause 10 of the Conditions of Contract. The limit for Public Liability Insurance for any one accident shall be € 6,500,000.00.		Item		

Description		Qty	Unit	Rate	Amount
<u>(Cont) INSURANCE</u>					
Insurance, Damage to Property Without Negligence.					
A	Provide for insurance in the joint names of the Employer and the Contractor against any loss, liability, claim or proceedings in respect of any injury or damage whatsoever to any property, real or personal other than the Works insofar as such injury or damage arises out of or by reason of the execution of the Works and is caused in no part due to any negligence, omission or default of the Contractor, his servants or agents or any Sub-Contractors.		Item		
<u>Bond.</u>					
B	Provide a Guarantee bond for 12.5% of the Contract Sum from an approved Insurance Company for the due and proper performance and completion of the Contract. This bond to cover the defects and liability period and 12 months thereafter. Deposit the Bond with the Employers Representative before commencing the Works.		Item		
C	The Bond shall incorporate a clause permitting variations under the terms of the contract without reference to the Bonding Company. This will not affect the amount stated in the Bond.		Item		
D	The notification period of the Bonding Company of any non performance or non observance on the part of the Contractor which may involve a loss for which the Bonding Company would become liable shall be at least three months after the date of discovery of such non performance or non observance.		Item		
E	The expiry date of the Bond and the period in which suits at law or proceedings in equity may be brought against the Bonding Company to recover a claim under the Bond shall be not less than 24 months after practical completion.		Item		
F	No payment will be made to the Contractor until the Employers Representative is in receipt of a satisfactory insurance guarantee bond in the sum of 12.5% of the contract figure.		Item		

	Description	Qty	Unit	Rate	Amount
	<u>General</u>				
	Scope of Contract.				
A	The Contractor shall complete the Works in accordance with the directions and to the satisfaction of the Employers Representative. If compliance with the E R`'s instructions involves the Contractor in loss or expense beyond that provided for or reasonably contemplated by the Contract, the Contractor shall so inform the Employers Representative; then unless such instruction was issued by reason of some breach of this Contract by the Contractor, the amount of such loss or expense shall be ascertained by the Employers Representative and be added to the Contract Sum.		Item		
	Order of the Works.				
B	The Contractor shall without extra charge execute the Works in such order as the Employers Representative may direct.		Item		
	<u>Plant</u>				
	Plant.				
C	Provide all plant, tools, vehicles and equipment required for the execution of the Works. Bring same to site, maintain for the duration of the Works and remove on completion.		Item		
	Plant Returns.				
D	Give the Employers Representative each week a daily return of the number, type and capacity of all plant, excluding hand tools and scaffolding, currently operating on the Works.		Item		
	<u>Labour.</u>				
	Labour Costs.				
E	Provide for all costs in respect of labour costs and insurances thereon, for example:-		Item		
	1. Social Welfare Acts.				
	2. Conditions of Employment Acts.				
	3. Insurance (Intermittent Employment Act).				
	4. Holiday (Employees) Act.				
	5. Redundancy Payments Acts.				

Description		Qty	Unit	Rate	Amount
(Cont) Labour.					
(Cont) Labour Costs.					
6. Industrial Training Acts.					
7. Factories Act, Building (Safety, Health and Welfare) Regulations.					
8. Travelling Time, Expenses, Fares, Transport, Travelling Allowance.					
9. Guaranteed Time.					
10. Non-Productive overtime and other expenses in connection with overtime.					
11. Incentive and Bonus payments.					
12. Sick Pay Disbursements.					
13. Country Money.					
14. Pensions.					
15. Tool Money.					
16. Subsistence (Meal Allowance).					
A	The Contractor shall provide in his tender for any additional costs involved in overtime, country money, travelling expenses, etc., necessary for the completion of the contract in the time specified and claims for extras in this respect will not be considered.		Note		
B	Claims for termination bonuses or any other incentive and bonus payments made at any stage of the work will not be considered.		Note		
Labour Returns.					
C	Give the Employers Representative each week a daily return of the number and description of tradesmen and general labourers employed on the Works including those employed by Sub-Contractors listed separately.		Item		
Local Labour.					
D	As far as possible suitable local work people capable of producing work to the required standard shall be employed on the works.		Item		

Description		Qty	Unit	Rate	Amount
<u>Materials.</u>					
New Materials.					
A	All materials used in the Works shall be new unless otherwise described. All materials, appliances and fittings required for the Works shall, where possible, be obtained from manufacturers operating in Ireland. Where any materials, appliances and fittings of Irish Manufacture are not procurable, are not available in suitable quantities or at reasonable cost, the fact must be reported to the Employers Representative, who will give instructions as to the course to be followed in each case.		Item		
Quality.					
B	Where materials or components are specified to comply with a National Standard Specification, the relevant Standard number shall be marked on the commodity itself or on the delivery note accompanying the commodity.		Item		
Manufactures Certificates.					
C	Provide in respect of materials or components, Manufacture`s certificates of compliance with Standards when requested by the Architect.		Item		
Statements of Origin.					
D	Statements of origin will be required for certain materials such as cement, steel reinforcement, bricks, concrete blocks, timber and timber products, glass, pipework, paints, preservative, etc.		Item		
Patent Rights for Royalties.					
E	The Contractor shall indemnify the Employer from and against all claims for or on account of infringement of any patent rights design or other protected rights in respect of any plant, work, material thing or process used for or in connection with the Works.		Item		
F	Except where otherwise specified, the Contractor shall pay all tonnage and other royalties rent or other payments or compensation, if any, for getting sand, stones, gravel, clay or other materials required for the Works or temporary works or any of them.		Item		

	Description	Qty	Unit	Rate	Amount
	<u>(Cont) Materials.</u>				
	Samples.				
A	The Contractor shall at his own cost, deliver samples of materials at the Employer's Representative's office for approval. Provide samples of ironmongery, floor and wall tiling, a variety of paint colours, etc.		Item		
	Tests.				
B	The Contractor shall make such tests of executed work and shall supply such samples of materials, fixed or unfixed for tests as the Employer's Representative may direct, executing the necessary removals or reinstatements. The cost of all site and off site tests, including that of any apparatus required, or the use of such shall be borne by the Contractor. The Contractor shall also bear the cost of forming concrete test cubes, transport of cubes for testing to a certified and independent body, and payment of the Test Body's fees and charges.		Item		
	Ownership of Goods and Materials Delivered to Site				
C	The Employers Representative may ask the Contractor or Specialist Sub-Contractors (through the Main Contractor) for proof of full ownership (free from any lien or charge) in certain goods or materials delivered to the site to be embodied in the Works. If this proof is not forthcoming, the Employers Representative will be entitled to withhold certifying payment in respect of the goods and materials in question.		Item		
	<u>Planning and Procedures.</u>				
	Staff, Supervision.				
	Supervision by Contractor.				
D	Include for supervision and management, additional to that provided for in Clauses 4 & 5 of the Conditions of Contract.		Item		
	Supervision by Engineer.				
E	Employ a competent Engineer or Site Agent or both to supervise the progress of the Works.		Item		

Description		Qty	Unit	Rate	Amount
<u>(Cont) Planning and Procedures.</u>					
Contractor`s Management Arrangements.					
A	The Contractor, before the signing of the contract, shall submit, for the Employers Representative`s approval, his proposals for on-site management of the contract, with the names of each of the personnel involved and including, in particular, an experienced and fully competent general foreman who shall be employed full time on the site; this foreman shall not be changed except with prior notification to the Employer's Representative and approval of his replacement.		Item		
Clerk of Works.					
B	The Employer may appoint a Clerk of Works who shall be paid by the Employer. Neither the appointment nor the actions of the Clerk of Works will invalidate the responsibility of the Contractor and the Clerk of Works shall have no power to authorize variations.		Item		
Quality Assessment.					
C	Assessment of the quality of materials and workmanship shall be made in the presence of the Employers Representative or his representative unless otherwise instructed.		Item		
<u>Programming, Progress.</u>					
Programme, Bar Chart.					
D	Prepare a detailed programme in bar chart form for the completion of the Works within the Contract period. This bar chart to be submitted with the tender.		Item		
Detailed Programme of Work.					
E	When requested by the employers Representative, the selected Contractor shall submit, within ten working days, a detailed Programme of Work related to the period for Practical Completion. The Programme should include for the main specialist Sub-Contractors and should contain details of resource needs for each phase of the Programme. The Programme of Work must be agreed with the Employer and it shall form part of the contract documents.		Item		

	Description	Qty	Unit	Rate	Amount
	<u>(Cont) Programming, Progress.</u>				
	Programme Updating.				
A	Review and update the programme at monthly intervals and modify to take account of circumstances which have affected the programme. Provide two copies of the revised and updated programme for the Employers Representative showing progress to date at fortnightly intervals.		Item		
	Cash flow and Financial Reviews.				
B	The Contractor shall provide all necessary information required by the Quantity Surveyor for the preparation of the Projected Cash flow for the Tender report and for the preparation of monthly Financial Reviews during the progress of the works.		Item		
	Programme Records.				
C	Maintain an up to date record of progress at weekly intervals. Display progress on the site office copy of the progress chart.		Item		
	Progress Meetings.				
D	The Contractor, or a responsible official from his organization, shall attend progress meetings which will be held at fortnightly intervals. Inform such Sub-Contractors and Suppliers as are necessary that their attendance at progress meetings shall be required.		Item		
	Progress Meetings, Minutes.				
E	The Employers Representative will take minutes of progress meetings and distribute them to those concerned in accordance with Clause 4.15 of the Conditions of Contract.		Item		
	Progress Photographs.				
F	Provide progress photographs of the Works taken from locations on or about the site as directed.		Item		
	Daywork, Notice.				
G	Give notice to the Employers Representative of the commencement and completion of any work for which the Contractor intends to submit daywork vouchers in accordance with the Conditions of Contract.		Item		

Description		Qty	Unit	Rate	Amount
<u>(Cont) Programming, Progress.</u>					
Daywork, Generally.					
A	Daywork as determined under the Conditions of Contract will be accepted as a basis for valuing work only when the Employers Representative has issued written instructions to the Contractor to that effect. The Contractor shall submit to the E R at the end of each month an applications for payment for all daywork done in the preceding month. Applications for payment for dayworks shall be supported by vouchers for the work certified by the E R or his representative. Such endorsement shall be deemed to certify that the labour, materials and plant used are correct.		Item		
Daywork Vouchers.					
B	During the execution of daywork, give to the Employers Representative or his 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:-		Item		
	1. Description of the work done.				
	2. Operatives' names and trade.				
	3. Rates of wages and hours worked, segregated into normal time, productive overtime and non-productive overtime for each operative.				
	4. Insurance in accordance with the current Schedule of Daywork Charges issued by the Construction Industry Federation and the Royal Institution of Chartered Surveyors.				
	5. Quantities of materials used.				
	6. Details of plant used in accordance with the current Schedule of Basic Plant charges issued by the Construction Industry Federation and the Royal Institution of Chartered Surveyors.				
Completion Date.					
C	Notify the Employers Representative in writing the date on which he considers Practical Completion has been achieved and have a date agreed and certified in writing by the E R.		Item		

	Description	Qty	Unit	Rate	Amount
	<u>(Cont) Programming, Progress.</u>				
	Completion Maintenance Instructions.				
A	Give the Employers Representative at Practical Completion two copies of all manufactures, Suppliers or Sub-Contractors maintenance instructions. These printed brochures shall cover all items of plant, equipment and controls used in the works. The brochure is to contain names, addresses and telephone numbers of installation Contractors together with all required guarantees. The brochure is to contain complete typed detailed instruction sheets for the correct operation of each item of plant, equipment or control. The brochure is to be of an approved design and format and the Contractor is required to agree all details with the Employers Representative prior to its assembly.		Item		
	Completion Record Drawings.				
B	Provide the Employers Representative with two copies of drawings on completion showing the Works as constructed including the location of underground services and mechanical and electrical services.		Item		
	<u>The Site - Precautions, Restrictions.</u>				
	The Site Location.				
C	The site is located at Ardfield National School, Co. Cork.		Item		
	The Site Access.				
D	The access to the site shall be by prior arrangement and agreement with the School Authorities and Employer's Representative.		Item		
	Site Access for Inspection.				
E	Access to the site for inspection purposes shall be by prior arrangement with the School Principal.		Item		
	Working Areas.				
F	The working areas for the Contractor will be strictly confined and will be by prior arrangement and agreement with the Employers Representative.		Item		
	Adjacent Buildings.				
G	The adjacent buildings are the existing College buildings and adjacent private houses to the East of the site.		Item		

	Description	Qty	Unit	Rate	Amount
	<u>Delapidation Surveys of Existing Premises.</u>				
A	Commission and provide a Delapidation Survey of structural elements of Existing College Premises, in the vicinity of the new extension and alteration works, by an approved independant registered and insured Structural Engineer / Building Surveyor. Delapidation Survey Report together with photographs, to be provided to the Employer's Representative before work commences.		Item		
	<u>Use of Site.</u>				
B	Do not use the site for any purpose other than carrying out the Works.		Item		
	<u>Site Visit.</u>				
C	The Contractor is advised to visit the site and ascertain all local conditions and restrictions likely to affect the execution of the Works. No claims arising from failure to do so will be considered.		Item		
	<u>Site Conditions.</u>				
D	Any claim put forward on the basis of information being incomplete or erroneous will not be considered. The onus shall be on the Contractor to satisfy himself as to the risks and problems inherent in the site, working restrictions and manmade obstructions.		Item		
	<u>Ground Water Level.</u>				
E	The ground water level has not been established.		Item		
	<u>Precautions, Restrictions.</u>				
	<u>General Restrictions.</u>				
F	The employer does not bind himself to accept the lowest or any tender. The assessment of tenders will take the tender sum and programme into consideration.		Note		
G	The Contractor is to satisfy himself with regard to the extent of alterations within the existing building in respect of structure, services, finishes, fittings and equipment.		Note		
H	Contractor will not get clear possession of the site. The project will be phased in order that the College will be maintained in operation for the entire contract period. (See also Phasing and Temporary Arrangements Section below)		Item		

	Description	Qty	Unit	Rate	Amount
	<u>(Cont) Precautions, Restrictions.</u>				
	Trespass.				
A	Take adequate precautions to prevent trespass on adjoining property by employees or by Sub-Contractor`s employees.		Item		
	Permission, Adjoining Property.				
B	Obtain permission from the owners of adjoining property if it is necessary to use that property for any purpose in connection with the Works. Indemnify the Employer against all charges arising therefrom.		Item		
	Fire Precautions.				
C	Do not store inflammable liquids or compressed gases within the buildings.		Item		
	Damage to Roads.				
D	The Contractor shall be responsible for all damage to existing private & public roads, play yards, soft landscaping and footpaths caused by his own, or Sub-Contractors or Suppliers transport to and from the site.		Item		
	Underground Services.				
	Protect all underground services encountered during the execution of the Works. The Contractor shall make good any damage caused by his own, by Sub-Contractor`s or Suppliers operations.				
	The Contractor shall clearly understand that the services drawings may not be the only existing services in the area.				
	He must allow in his rates for proceeding with the work in such a manner that the Works will be constructed without interference to the services unless the Contractor is specifically required to interfere with them under the terms of this Contract, or by the direction of the Employers Representative.				
E	No extra payments will be allowed for any difficulties due to Site conditions or due to underground services not being in positions contemplated by the Employers Representative.		Item		
	Nuisance Precautions - Generally.				
F	Take adequate precautions to protect persons and property from damage or nuisance caused by water, smoke, dust, rubbish and otherwise.		Item		

	Description	Qty	Unit	Rate	Amount
	<u>(Cont) Precautions, Restrictions.</u>				
	Nuisance Precautions - Advertising.				
A	Do not display or permit advertisements to be displayed on the site without approval.		Item		
	Damage and Nuisance, Adjoining Property.				
B	Take all reasonable precautions to prevent damage to adjoining property and to avoid causing a nuisance to adjoining occupants and to the public. Make good any damage caused to adjoining property.		Item		
	<u>Phasing and Temporary Arrangements</u>				
C	This section includes the programme objectives of the project and the general and specific requirements and restrictions which will be required of / imposed on the contractor in carrying out the contract. Tenderers should price this section as they see fit to cover their costs arising from the issues covered.		Note		
D	The employer does not bind himself to accept the lowest or any tender. The assessment of tenders will take the tender sum, programme and the temporary arrangement proposals into consideration.		Note		
E	The Contractor should submit a detailed description of his programme and temporary arrangements accompanied by colour description maps, along with his tender.		Note		
F	The Contractors programme is to be set out in a reasonable fashion to minimise disruption to the operation of the school and at the same time achieve the earliest possible hand over dates. Each contractor tendering may be required to attend a meeting with the Consultants immediately following receipt of tenders to discuss and assess the details of his programme and temporary arrangement proposals.		Note		
G	The Contractor at the time of tendering is to satisfy himself with regard to all aspects of the phasing and descriptions described herein and the onus is upon him to contact the Employer's Representative during the tender period to clarify any matters. No claims for delays or extras arising out of the Contractors inability to understand the full implications of the phasing and restrictions will be entertained.		Note		
H	The Contractor is to satisfy himself with regard to the extent of alterations within the existing building in respect of structure, services, finishes, fittings and equipment.		Note		

Description		Qty	Unit	Rate	Amount
<u>(Cont) Phasing and Temporary Arrangements</u>					
General Restrictions					
A	Contractor will not get clear possession of the site. The School will remain functional throughout the contract period. School hours are 8.30am to 3.00pm Monday to Friday.		Item		
B	Whilst the School will be as flexible as possible in facilitating the alteration and extension works, the following objectives / restrictions / conditions must be achieved.		Item		
C	Vehicular & pedestrian access to the College and car parking must be maintained at all times during college hours.		Item		
D	Access for emergency services must be available at all times		Item		
E	Noisy operations will not be permitted during school hours.		Item		
F	Delivery of materials to be timed to facilitate school operation.		Item		
G	Builders access to working areas to be by prior arrangement and agreement with the school management.		Item		
H	Builders access generally will be subject to restriction to facilitate the uninterrupted operation of the School.		Item		
J	Corridors and lobbies adjacent to working areas must be kept clear, clean and safe for school use at all times.		Item		
K	Interface elements of the Phased building works must be protected from weather and water ingress at all times. No specific temporary weathering, temporary finishes, or redecoration of completed areas are measured.		Item		
The Employers requirements and basic objectives of the Phasing Element of the Project are as Follows:-					
To complete the entire project, in a cost effective manner, to the satisfaction of the Employer, in the shortest possible time.					
To maintain a fully functional school at all times during the project.					
To maintain safe access to and a safe and tolerable working environment, for students, staff and school visitors for the duration of the contract.					

Description		Qty	Unit	Rate	Amount
<u>(Cont) Phasing and Temporary Arrangements</u> (Cont) The Employers requirements and basic objectives of the Phasing Element of the Project are as Follows:- To provide and maintain necessary safe and usable fire escapes from the permanent building and prefab accommodation in accordance with the requirements of the Fire Safety plan. To provide and maintain, as necessary to permanent and temporary accommodation, temporary electrical power, lighting, emergency lighting, fire alarm, phone lines, networked computer facilities, water services, space heating and ventilation for school users, soil and surface water drainage, for the duration of the various phases of the contract To maintain all areas of the site and buildings occupied by the Contractor and Employer, secure at all times from potential vandalism or break-ins for the duration of the various phases of the contract. To minimize disruption and inconvenience to the neighbouring houses and to the general public.					
A	Building structure, completion, finishes and services elements within the pricing document have been measured without regard for the phasing aspects of the project and Contractors should include here for the additional costs associated with carrying out the project on a phased basis. <u>Temporary Works and Services.</u> Temporary Works. Generally.		Item		
B	Maintain, adapt, remove and make good after removal, temporary works and temporary services. Temporary Roads and Tracks.		Item		
C	Provide temporary roads, tracks, entrances, hard standings and crossings. Remove on completion of the works and make good to all work disturbed Site Access		Item		
D	Provide temporary access to the construction site, remove on completion of the works and make good to all work disturbed		Item		

	Description	Qty	Unit	Rate	Amount
	<u>(Cont) Temporary Works and Services.</u>				
	Temporary Buildings.				
A	Provide and maintain a separate temporary office on the site for site meetings, etc. The internal floor area of the office shall be not less than 20 sq m. and the floor to ceiling height shall not be less than 2.40m. The office shall have a boarded timber floor, and complete with necessary windows and doors. Provide the following furniture and fittings:- A0 size drawing desk A0 size plan chest or cabinet with four drawers. Table and chairs Fixed shelving not less than 3.00m long and 0.30m deep. Provide adequate lighting and heating and maintain the office in a clean condition.		Item		
B	Provide temporary sheds, offices, mess rooms and sanitary accommodation required for own use and for use by Sub-Contractor`s. Comply with the requirements of the Factories Act.		Item		
C	Alter, adjust and re-locate site offices and accommodation as necessary for the various phases of the project.		Item		
	Name Board.				
D	Provide and erect a suitable temporary name boards in a prominent position giving the names of the Employer, Contractor, Architect, Consulting Engineer, Services Engineer, Quantity Surveyor and Sub-Contractors as per Architect`s details, size overall 2.40m x 1.20m.		Item		
	Enclosure of Site.				
E	Enclose the working areas of the site to prevent unauthorized entry to or trespass beyond the boundaries of the site, whether by means of the erection of hoardings complete with gates or by any other method approved of by the Employers Representative and notwithstanding any protective measures which may be taken in this regard, the Contractor shall be responsible for and shall make good any damage to completed or uncompleted work that may occur as a result of trespass on the site. Alter, adjust and re-locate site hoardings as necessary for the various phases of the project.		Item		

	Description	Qty	Unit	Rate	Amount
	<u>Temporary Services.</u>				
	Water.				
A	Provide an adequate supply of clean water for the Works and arrange for connecting, storing and distributing about the site.		Item		
	Power and Light.				
B	Provide all necessary power and light for the Works and temporary arrangements for distribution about the site and for lighting to hoardings and the like.		Item		
	Telephone and Fax. Facilities.				
C	Provide temporary telephone and fax. facilities as required for own use and for the use of the Design Team, pay all running costs and charges.		Item		
	<u>General Works and Services.</u>				
	Attendance on Other Parties.				
	General Attendance.				
D	Provide, for the duration of the Contract, general attendance on specialist Sub-Contractors and public authorities engaged on the Works concurrent with the Contract as follows:-		Item		
	1. Use of the Contractor`s temporary roads, pavings and paths.				
	2. Use of the Contractor`s standing scaffolding.				
	3. Use of the Contractor`s standing power operated hoisting plant.				
	4. The provision of temporary lighting and water supplies.				
	5. Clearing away rubbish.				
	6. Provision of space for the Sub-Contractor`s own offices and for the storage of his plant and materials.				
	7. Use of mess rooms, sanitary accommodation and welfare facilities.				
	<u>Scaffolding.</u>				
E	Provide as necessary all general and special scaffolding required for the execution of the Works.		Item		

	Description	Qty	Unit	Rate	Amount
	<u>Setting Out.</u>				
	Setting Out The Works.				
A	Set out and keep correct the works. Inform the Employers Representative when the setting out is complete so that he may inspect it.		Item		
	Bench Marks.				
B	Establish a master bench mark on the site for the duration of the Contract. Relate the master bench mark to ordnance datum. The permissible deviation in level between the master bench mark and ordnance datum shall be plus or minus 2mm.		Item		
	Setting Out Base Reference Lines.				
C	Set out the Works in accordance with the Drawings. Establish, in an approved manner, base reference lines for setting out the works.		Item		
	Setting Out Reference Levels.				
D	Establish reference levels at vertical intervals not exceeding 500mm. The permissible deviation between any reference level and the master bench mark shall be plus or minus 2mm.		Item		
	Permissible Deviations Reference Lines.				
E	The permissible deviation in the horizontal distance between two adjacent reference lines shall be plus or minus 2mm. The cumulative permissible deviation in the horizontal distance between reference lines shall not exceed 10mm. The permissible deviations for the plumbness of the intersections of reference lines over the corresponding intersections of the base reference lines shall not exceed plus or minus 2mm per vertical increment but not more than 5mm for plumbness.		Item		
	Measurements.				
F	Do not scale the drawings. Use dimensions figured on the drawings for setting out the Works.		Item		

	Description	Qty	Unit	Rate	Amount
	<u>Protecting.</u>				
	Safeguard Against Damage.				
A	Safeguard the site, the Works, materials and plant against unauthorized entry, damage and theft. Make good any damage caused by ineffective protection. Provide watching and lighting necessary for the security of the Works.		Item		
	Watching and Lighting.				
B	Provide watching and lighting necessary for the protection of the public and to the satisfaction of the Local Authority.		Item		
	Protection Against Weather.				
C	Protect the Works, material and plant from the weather and make good any damage caused.		Item		
	Protection of Finished Work.				
D	Keep finished surfaces clean as work proceeds and protect from dirt, staining and physical damage. Provide temporary heaters and or dehumidifiers to protect joinery, furniture and finishes from dampness or condensation.		Item		
	Approval for Holes and Chases.				
E	Obtain approval for cutting holes or chases in the structure.		Item		
	Existing Features.				
F	Protect existing buildings, finishes, fittings, furnishings, planting and other features, which are to remain in position during the execution of the Works, from damage by site operations. Make good any damage to existing features resulting from the Works.		Item		
	Maintenance of Existing Services During Construction.				
G	The Contractor shall maintain the existing water, gas, ESB, drainage and other services to adjoining properties during the course of construction.		Item		
	Noxious Weeds.				
H	Prevent the growth of noxious weeds on the site during the contract period, Noxious weeds include thistle, dock, ragwort, common barberry and wild hop.		Item		

	Description	Qty	Unit	Rate	Amount
	<u>(Cont) Protecting.</u>				
	Pollution.				
A	Do not deposit deleterious material into surface water channels or lakes. Comply with the requirements of the Rivers Pollution Protection Acts, and the Fisheries Acts.		Item		
	Storage of Materials.				
B	Store material in a tidy manner. Separate different materials and protect them from dirt, physical damage, reaction with other materials, marking or staining, micro organisms, mildew, fungus and vermin.		Item		
	Storage of Materials Precautions.				
C	Do not store materials in ways which may cause damage to the Works or the materials or endanger the safety of people or property.		Item		
	Manufacture`s Recommendations.				
D	Handle and store materials in accordance with the manufacture`s recommendations. Do not use materials which have been stored for a period in excess of the Manufacture`s recommended shelf life.		Item		
	<u>Air Pressure & Thermal Image Testing</u>				
E	Allow for constructing and completing this school extension to comply with the Air Tightness requirements in accordance with current building regulations. Provide for all necessary temporary works and attendance to facilitate air pressure and thermal image tests. (Air tightness membrane and sealing tapes are measured elsewhere in this Bill)		Item		
F	Air pressure testing of the building extensions as required to achieve requirements (minium of 3No tests). Provide 2No copies of the report / reports		Item		
G	Thermal image survey of the completed external envelopes of the extensions and provide 2No copies of the results		Item		
	<u>Cleaning.</u>				
	Rubbish.				
H	Remove all rubbish from the Works as it accumulates and maintain the Works in a clean and tidy condition for the duration of the Contract.		Item		

	Description	Qty	Unit	Rate	Amount
	<u>(Cont) Cleaning.</u>				
	Cleaning.				
A	Thoroughly clean the entire building and extensions internally and externally, remove all rubbish, clean and polish windows, building fittings, sanitary ware and floor coverings, vacuum carpets and leave the entire Works in a tidy condition ready for occupation and for use.		Item		
	Ventilation of Completed Premises.				
B	Before handover of the completed school building, provide adequate natural ventilation of the buildings to expel all fumes and odours arising from new fittings, floor coverings, finishes, decoration and services.		Item		
	<u>Drying the Works.</u>				
	Drying Out.				
C	Dry out the Works as required to facilitate progress and to prevent damage to or deterioration of the Work. Bring new and existing concrete surfaces to permitted moisture levels to receive finishes as specified and leave entire works in a tidy condition ready for occupation.		Item		
	Humidity Control.				
D	Control humidity as required to facilitate progress and to prevent damage to or deterioration of the finished Work.		Item		
	Keep Excavations Free from Water.				
E	Keep surface of the site and excavations free from surface water.		Item		
	<u>Value Added Tax.</u>				
F	Contractors tendering shall price all items nett i.e. exclusive of V.A.T.		Item		
G	Any amount paid out in respect of V.A.T. will be nett. Should Contractors seek discount and / or profit on V.A.T., such discount or profit should be included here or elsewhere in the tender.		Item		

Description	Qty	Unit	Rate	Amount
COLLECTION				
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Page No. BQ/2				
Page No. BQ/3				
Page No. BQ/4				
Page No. BQ/5				
Page No. BQ/6				
Page No. BQ/7				
Page No. BQ/8				
Page No. BQ/9				
Page No. BQ/10				
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Page No. BQ/12				
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Page No. BQ/15				
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Page No. BQ/18				
Page No. BQ/19				
Page No. BQ/20				
Page No. BQ/21				
Page No. BQ/22				
Page No. BQ/23				
Page No. BQ/24				

Description	Qty	Unit	Rate	Amount
COLLECTION				
Page No. BQ/25				
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Page No. BQ/27				
Page No. BQ/28				
Page No. BQ/29				
Page No. BQ/30				
Page No. BQ/31				
Page No. BQ/32				
Page No. BQ/33				
Page No. BQ/34				
Page No. BQ/35				
Page No. BQ/36				
Page No. BQ/37				
Page No. BQ/38				
Page No. BQ/39				
Page No. BQ/40				
Page No. BQ/41				
Page No. BQ/42				
PRELIMINARIES Carried to Summary				

	Description	Qty	Unit	Rate	Amount
	<u>SUBSTRUCTURE</u>				
	<u>SUBSTRUCTURE</u>				
	<u>Excavation and Earthwork</u>				
	Excavation				
	<u>Excavate for foundation trenches, starting at reduce level; depth;</u>				
A	< or = 2.00m deep	119	m3		
	Disposal				
	<u>Water</u>				
B	Surface water		Item		
C	Ground water		Item		
	<u>Excavated material</u>				
D	excavated material; off site; to tip to be provided by the contractor; including all associated charges and fees.	119	m3		
	<u>Filling</u>				
	Material to be obtained off site:"T1 structural granular fill material (0/35mm); laid down and compacted in accordance with the "Specification for Road Works" produced by the Department of the Environment.				
	<u>To make up levels; average thickness</u>				
E	< 250mm;	63	m3		
	Material to be obtained off site:"T2 Perm" gas permeable filling (4/40mm); material; laid down and compacted in accordance with the "Specification for Road Works" produced by the Department of the Environment.				
	<u>To excavations</u>				
F	> 250mm;	48	m3		
	Surface treatments				
G	50mm thick sand blinding, clean sand blinding or fines (T3 Blind to SR 21:2014 and A1:2016, Annex E) to hardcore base.	225	m2		

	Description	Qty	Unit	Rate	Amount
	<u>(Cont) SUBSTRUCTURE</u>				
	<u>(Cont) Surface treatments</u>				
	<u>Concrete Work: In-Situ Concrete</u>				
	Un-reinforced in-situ concrete Grade 15N20; vibrated.				
	<u>Blinding</u>				
A	generally under strip footings	7	m3		
	Reinforced in-situ Grade 35N20; vibrated.				
	<u>Foundations</u>				
B	Poured on or against earth or blinded hardcore.	48	m3		
	Reinforced in-situ Grade 35N20; vibrated.				
	<u>Beds</u>				
C	225mm Subfloor	51	m3		
	<u>Reinforced in-situ Grade 30N; vibrated.</u>				
D	100mm Screed	23	m3		
	<u>Sundries</u>				
	Designed joints				
	<u>Isolation joint between 225mm slab and block walls consisting of 10 x150mm "Expandafoam" or approved equivalent fibreboard with 10mm tear out section and joint filled with 10mm "Expancell" or approved equivalent closed cell polyethylene foam joint filler and seal top with 10x20mm "Thioflex 600" 2 part polysulphide joint sealer as Engineers specification</u>				
E	in 200mm thick ground floor slab.	153	m		
	<u>Isolation joint between 225mm slab and existing walls consisting of 10 x150mm "Expandafoam" or approved equivalent fibreboard with 10mm tear out section and joint filled with 10mm "Expancell" or approved equivalent closed cell polyethylene foam joint filler and seal top with 10x20mm "Thioflex 600" 2 part polysulphide joint sealer as Engineers specification</u>				
F	in 200mm thick ground floor slab.	22	m		

	Description	Qty	Unit	Rate	Amount
	<u>(Cont) SUBSTRUCTURE</u>				
	Surface Finishes				
A	Power floating surface of unset concrete	225	m2		
	Labours				
	Cutting or forming holes in 200mm in-situ concrete floor; making good and sealing				
B	50mm diameter pipe	5	nr		
C	110mm diameter pipe	5	nr		
	<u>Concrete Work: Reinforcement</u>				
	Fabric mesh; B.S. ref. A393; weighing 6.16kg/m sq; 450mm lapping; measured nett				
D	horizontal; exceeding 300mm wide (foundations)	118	m2		
E	horizontal; exceeding 300mm wide (Subfloor) - 2 layers	450	m2		
	<u>Concrete Work: Formwork</u>				
	Formwork; Clause 8.4.1; Class F1 finish to Engineers Specification				
	<u>sides of foundations</u>				
F	250 - 500mm high	217	m		
	<u>Edges of beds</u>				
G	< or = 250mm high.	48	m		
	<u>Brickwork and Blockwork: Brickwork/Blockwork</u>				
	Solid concrete blockwork; IS 20, Part 1 1987; 440 x 215 x 100mm; 5N/mm2; bedded, jointed and pointed in cement lime sand mortar (1:1:6); pointing as the work proceeds; stretcher bond; all as specification.				
	<u>Walls in trenches</u>				
H	100mm thick in leaves of cavity walls	15	m2		
J	215 mm thick to internal walls	19	m2		
K	475 mm thick	29	m2		

	Description	Qty	Unit	Rate	Amount
	<u>(Cont) SUBSTRUCTURE</u>				
	(Cont) Solid concrete blockwork; IS 20, Part 1 1987; 440 x 215 x 100mm; 5N/mm²; bedded, jointed and pointed in cement lime sand mortar (1:1:6); pointing as the work proceeds; stretcher bond; all as specification.				
	<u>"Quinnlite B3" or approved equivalent thermal Block; bedded, jointed and pointed in cement lime sand mortar (1:1:6); pointing as the work proceeds; stretcher bond; all as specification.</u>				
A	215mm thick	26	m ²		
	Bonding.				
B	Bond ends of 215mm blockwork to existing walls with 'Ancon Starfix Universal Wall Starter Ties' or approved equivalent wall connecting system; wall anchor ties every second course	7	m		
	<u>Ancillaries to Brickwork / Blockwork</u>				
	Forming cavities; stainless steel vertical twist type wall ties; positioned 750mm horizontally and 450mm vertically and every second course adjacent to opes.				
C	150mm wide.	15	m ²		
	Damp Proof Courses				
	Bitumen fibre damp-proof course to I.S. 57 or equal approved; 150mm laps; on walls				
	<u>width < or = 225mm wide</u>				
D	100 mm wide.	40	m		
E	215 mm wide.	64	m		
	<u>2000 Gauge Polythene sheet; separating layer; with 150mm lapped taped joints; to Engineers details</u>				
F	> 300mm wide	225	m ²		

Description		Qty	Unit	Rate	Amount
<u>(Cont) SUBSTRUCTURE</u>					
Radon Protection.					
<u>'RMB 400 by Necoflex Radon Protection System' or approved equivalent; 150mm lapping and sealing with monobond 30 wide sealant tape; turned up edges 200mm high; include for stepping over 100mm and 215mm thick rising walls and sealing to damp proof course; installed in accordance with the manufacturers instructions and Building Regulations 1992 Approved Document C. The contractor shall include for all additional protection to the radon installation during the execution of the works.</u>					
<u>Radon membrane</u>					
A	horizontal; > 300mm wide; 'Reflex Super' radon barrier; lapped with gas tight joints using Probond tape; laid on blinded hardcore	225	m2		
B	horizontal; 600mm girth; stepped over cavity wall; sealed to damp proof course by specialist with gas tight joints using probond tape	64	m		
C	horizontal; 425mm girth; stepped over 215mm thick rising wall	80	m		
<u>Supply and install prefabricated proprietary Esi sump; bedded in concrete</u>					
D	Excavate pit in hardcore filling; install rigid PVC radon sump size 458mm diameter x 225mm high; include connection to 2 No 110mm diameter PVC pipes; backfilling in hardcore; compacted.	2	nr		
E	Blank end cap fitted to outlet of last.	2	nr		
F	Excavate shallow trench in hardcore filling; lay 110mm diameter PVC pipe vent, jointed; including backfilling in hardcore; compacted.	17	m		
G	Large radius upstand bend on 110mm PVC pipe.	5	nr		
H	Top hat pipe collar to 110mm pipe penetration; including 30mm monobond sealant tape and stainless steel adjustable clip.	2	nr		
J	Extra over last; for capping 215mm thick block rising wall upstand; cranking across cavity and onto 100mm thick block rising wall outer leaf; 850mm girth; including joints.	2	nr		

Description		Qty	Unit	Rate	Amount
<u>(Cont) SUBSTRUCTURE</u>					
Testing					
A	Main contractor to allow for measurement of radon concentration within the completed building. Testing to be undertaken 6 months from Practical Completion and within the Defects Liability Period.	1	Item		
<u>Woodwork: Ironmongery, Accessories and Sundries</u>					
150mm thick Kingspan K3 or approved equivalent rigid phenolic insulation; B.S. 3837 Grade EHD; type A; laid on sand blinding					
<u>Insulation; thermal</u>					
B	horizontal.	225	m2		
C	vertical; 25mm thick.	97	m		

Description	Qty	Unit	Rate	Amount
COLLECTION				
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Page No. BQ/50				
SUBSTRUCTURE				
Carried to Summary				

	Description	Qty	Unit	Rate	Amount
	<u>EXTERNAL WALLS</u>				
	<u>EXTERNAL WALLS</u>				
	<u>Proprietary Accessories</u>				
	Level Access Threshold, "Richmond Building Products Ltd" or approved equivalent; fitted in strict accordance with manufacturers instructions; to concrete; backfilling with in-situ concrete, top surface of concrete to fall				
A	1000mm long	3	nr		
	<u>Concrete Work: Precast Concrete</u>				
	<u>Precast; prestressed concrete cills; Standard to BS 5642-1; 235 x 125mm with 80mm deep front face; throating as detailed; laying and bedding in mortar; as required; fairfaced finish; all in accordance with Manufacturer's instructions; refer to Architects drawings for further details and requirements</u>				
	<u>Cills</u>				
B	600mm	4	nr		
C	1100mm	1	nr		
D	4001mm	2	nr		
	Precast concrete; standard or stock pattern units to I.S. 240; "Spanlite" or approved equivalent; bedding in gauge mortar 1:1:6				
E	Include for all necessary temporary propping until blockwork over is mature in accordance with the manufacturer's instructions		note		
	<u>Lintels</u>				
	100 x 65mm				
F	600mm long	4	nr		
G	900mm long	2	nr		
H	1100mm long	1	nr		
	215 x 65mm				
J	600mm long	4	nr		
K	900mm long	2	nr		
L	1100mm long	1	nr		

	Description	Qty	Unit	Rate	Amount
	(Cont) EXTERNAL WALLS				
	(Cont) Precast concrete; standard or stock pattern units to I.S. 240; "Spanlite" or approved equivalent; bedding in gauge mortar 1:1:6				
	<u>Blockwork</u>				
	<u>Load bearing super-structure</u>				
	Solid concrete blockwork; IS 20, 1974; 440 x 215 x 100mm; 7.5N/mm²; bedded, jointed and pointed in cement lime sand mortar (1:1:6); stretcher bond.				
	<u>Walls</u>				
A	Skins of cavity walls; 100mm thick.	251	m ²		
B	Skins of cavity walls; 215mm thick.	251	m ²		
	Bonding.				
C	Bond ends of 100mm blockwork to existing walls with 'Ancon Starfix Universal Wall Starter Ties' or approved equivalent wall connecting system; wall anchor ties at every course	14	m		
D	Bond ends of 215mm blockwork to existing walls with 'Ancon Starfix Universal Wall Starter Ties' or approved equivalent wall connecting system; wall anchor ties at every course	14	m		
	<u>Ancillaries to Brickwork / Blockwork</u>				
	<u>Form cavity between walls; heavy duty stainless steel double drip wall ties to BSEN845-1; approved insulation retaining clips; 110mm Unilin Cavity Wall Insulation or similar approved rigid board insulation to achieve maximum elemental u-value of .16w/m²K; install strictly in accordance with insulation manufacturer's written instructions; all in accordance with drawings and specifications</u>				
	Forming cavities				
E	between new walls; width 150mm	251	m ²		

Description		Qty	Unit	Rate	Amount
(Cont) EXTERNAL WALLS					
(Cont) Bonding.					
<u>Proprietary insulated cavity closer for perimeter of window/door openings in cavity walls; integral damp proof course or approved site applied damp proof course as appropriate; various sizes to suit cavity widths; fit tightly between leafs of masonry cavity walls; install strictly in accordance with manufacturer's written instructions; all in accordance with Architect's drawings and specifications</u>					
Closing cavities at openings for windows/doors					
A	cavity width 150mm; jambs & heads	54	m		
B	cavity width 150mm; eaves	43	m		
<u>Ruberoid Hyload or equal approved heavy duty pitch polymer damp proof course; laps 200mm; all in accordance with Architect's Specification</u>					
Damp proof courses					
C	vertical (window jambs)	54	m		
<u>Ventilation Pack 1; or equivalent ventilation ducts system through 465mm cavity walls; Placement: Across cavity, sloping away from inner leaf. Full mortar joints to seal cavity; Protection from water penetration to inner leaf: Where barrier is not integral to duct, form stepped dpc cavity tray with stop ends above duct, extending 150 mm on each side; include for galvanised hit and miss ventilation grilles to inside and outside of ventilations ducts; complete with flymesh as necessary; all installations in accordance with manufacturers instructions; all in accordance with Architect's drawings and specifications</u>					
D	wall vents	2	nr		

Description	Qty	Unit	Rate	Amount
COLLECTION Page No. BQ/52 Page No. BQ/53 Page No. BQ/54 EXTERNAL WALLS Carried to Summary				

Description		Qty	Unit	Rate	Amount
<u>INTERNAL WALLS</u>					
<u>INTERNAL WALLS</u>					
<u>Concrete Work: Precast Concrete</u>					
Precast concrete; standard or stock pattern units to I.S. 240; "Spanlite" or approved equivalent; bedding in gauge mortar 1:1:6					
A	Include for all necessary temporary propping until blockwork over is mature in accordance with the manufacturer's instructions		note		
<u>Lintels</u>					
100 x 65mm					
B	900mm long	5	nr		
215 x 65mm					
C	900mm long	1	nr		
<u>Blockwork</u>					
<u>Load bearing super-structure</u>					
Solid concrete blockwork; IS 20, 1974; 440 x 215 x 100mm; 7.5N/mm²; bedded, jointed and pointed in cement lime sand mortar (1:1:6); stretcher bond.					
D	100mm thick	72	m ²		
E	215mm thick	49	m ²		
Labours					
F	on blockwork	1	Item		

Description	Qty	Unit	Rate	Amount
COLLECTION Page No. BQ/56 INTERNAL WALLS Carried to Summary				

Description		Qty	Unit	Rate	Amount
<u>STEELWORK</u>					
<u>STEELWORK</u>					
Structural steelwork; all steelwork shall comply with IS EN 10025, BS EN 10029 or BS EN 10210; The Grade of steel shall comply with BS EN 10020; Minimum Grade of S355 shall apply unless noted otherwise stated; Steel surface when used shall not be more heavily pitted or rusted than Grade C of the Swedish Standard SIS 05 59 00; All steelwork surfaces shall be blast cleaned to remove all mill scale, rust and other contamination to a minimum standard of SA2-1/2 according to Swedish Standard STS 05 59 00; Abrasive used during blast cleaning shall be steel, malleable iron or chilled iron shot of a grading suitable to give a maximum surface amplitude of 100 microns; Subsequent to blast cleaning apply an approved 2-pack zinc rich epoxy blast primer by airless spray to a DFT of 35 microns; Subsequent to fabrication apply an approved 2-pack epoxy micaceous iron oxide by airless spray to DFT of 85 microns; Subsequent to erection touch up damaged areas with 2-pack epoxy micaceous; All in strict accordance with Engineers Specification					
Fabricated members; beams; 25 - 50 kg/m member profile.					
Columns					
A	254 x 146 x 37 Kg/m (columns)		tonne		
Beams					
B	UB 203 x 102 x 23	0.44	tonne		
<u>Fittings</u>					
C	Fittings on the above steel items; haunches, end plates, face plates, cap plates, splice plates, web plates, brackets, stiffeners, fin plates, gusset plates and the like; <=25kg/m	0.04	tonne		
<u>Bearing Pads</u>					
D	Concrete bearing pad 440 x 100 x 100mm deep including all necessary formwork	8	No.		

Description	Qty	Unit	Rate	Amount
COLLECTION Page No. BQ/58 STEELWORK Carried to Summary				

	Description	Qty	Unit	Rate	Amount
	<u>ROOF STRUCTURE</u>				
	<u>ROOF STRUCTURE</u>				
	<u>Timber Sloping Roofs</u>				
	Woodwork				
	Pressure treated C16 softwood trusses at 400mm centres; rafters, joists and all other members to truss manufacturers design and details, clear span as shown; roof pitch as detailed; refer to Engineers drawing for further details and requirements, all trusses to be designed and confirmed with truss manufacturer; all in accordance with Engineers drawings and specifications				
	Pre-fabricated; Standard Fink Truss				
A	Pre-fabricated; Standard Fink Truss	1	Item		
B	extra over for cutting	1	item		
	Bracing; treated sawn softwood; designed by specialist roof truss manufacturer				
C	longitudinal binders	1	item		
D	diagonal bracing	1	item		
E	lateral bracing	1	item		
	Graded softwood for joists, rafters and structural use generally to be strength graded to BS 4978 or BS EN 519 or other national equivalent and so marked; Strength class to BS EN 338: C16; Preservative treatment to be as section Z12 and British Wood Preserving and damp-proofing Association Commodity Specification C 8; sawn finish; treated; fixed to existing joists for strengthening; all in accordance with Architect's and Engineers drawings and specifications				
	Carcassing; roofs				
F	100mm x 75mm; treated wall plate; fixed to concrete beam with express nails @600 mm c/c	29	m		
G	175mm x 22mm; (fascia board)	29	m		
H	100mm x 44mm; (for fixing of Kingspan Cladding)	525	m		

Description		Qty	Unit	Rate	Amount
<u>(Cont) ROOF STRUCTURE</u>					
<u>(Cont) Woodwork</u>					
<u>Ironmongery, Accessories & Sundries</u>					
Galvanised low carbon to national approved standard twisted straps; 1200mm x 30mm x 5mm thick; bends -1; at 1200mm centres; plugged and screwed to blockwork and bedded through blocks as detailed; nailed with 3 No 3.75 x 30mm square twisted nails to timber, or 6-8 screws to masonry through rawl plugs; strap to turn down minimum of one block at wall; allow for packing at strap position as detailed; all in accordance with Architects & Engineers drawings and specifications; all installations to comply with the manufacturer's instructions.					
Accessories					
A	wall plate straps	30	nr		
M12 Holding Down Anchors at centres as detailed; embedded in concrete; include for all drilling walls as required; all in accordance with Architect's drawings and specifications; all installations to comply with the manufacturer's instructions; all in accordance with Engineers drawings and specifications					
Fixings (wall plate)					
B	drilled	58	nr		
Galvanised mild steel, to I.S. 193, 1986; all in accordance with truss manufacturers design and requirements; all in accordance with Engineers drawings and specifications					
Accessories					
C	truss support shoes	1	Item		
D	truss clips	1	Item		

ROOF STRUCTURE

Description	Qty	Unit	Rate	Amount
COLLECTION				
Page No. BQ/60				
Page No. BQ/61				
ROOF STRUCTURE				
Carried to Summary				

Description		Qty	Unit	Rate	Amount
<u>EXTERNAL WALLS: COMPLETIONS</u>					
<u>EXTERNAL WALLS: COMPLETIONS</u>					
<u>Woodwork</u>					
Second fixings					
<u>All joinery to be ash unless otherwise stated</u>					
Window Boards/Liners					
<u>Moisture resistant window board; square edge; fixing to timber grounds with brass screws countersunk and flush pelltated; timber grounds to be cast in concrete as required.</u>					
A	19mm thick x 340mm wide; window board, sloping	15	m		
<u>EXTERNAL WINDOWS & DOORS</u>					
Allow a PC Sum of €15,000 for External Windows & Doors					
B	External Windows & Doors	1	Item	15,000.00	15,000.00
C	contractors profit	1	Item		
D	general attendances	1	Item		
Special attendances as outlined below					
E	unloading, distributing, hoisting, and placing in position of sub-contractor's materials	1	Item		
F	provide covered storage and accommodation including lighting and power thereto	1	Item		
G	provide power, single and three phase	1	Item		
H	protection of completed work	1	Item		

Description	Qty	Unit	Rate	Amount
COLLECTION				
Page No. BQ/63				15,000.00
EXTERNAL WALLS: COMPLETIONS Carried to Summary				15,000.00

	Description	Qty	Unit	Rate	Amount
	<u>INTERNAL WALLS: COMPLETIONS</u>				
	<u>INTERNAL WALLS: COMPLETIONS</u>				
	<u>Woodwork: Composite Items</u>				
	The following in veneered beech unless otherwise stated				
	The following in half hour fire door sets to B.S. 476 Part 8 1972 and Part 20/22 1987 or latest equivalent. Certificates shall be submitted that the door sets as installed will comply with the above.				
	Single action doorset non fire rated; 46mm solid core doors with beech veneered facing as shown and 15mm thick beech lipping incorporating intumescent strips; 120 x 69mm solid oak frame fixed to blockwork / studwork; as per Architect's drawings and specification.				
A	Single door; overall size 0.910 x 2.100m high	4	nr		
	Single action doorset 30/30; 46mm solid core doors with beech veneered facing as shown and 15mm thick beech lipping incorporating intumescent strips; 120 x 69mm solid oak frame incorporating intumescent strips fixed to blockwork / studwork with intumescent seal to rear of frame; intumescent seal to perimeter of frame; as per Architect's drawings and specification.				
B	Single door; including glazed vision panel as shown, overall size 0.910 x 2.100m high	4	nr		
	<u>Woodwork: Ironmongery, Accessories and Sundries</u>				
	Allow a PC Sum of € 1,000 for Supply of Ironmongery				
C	Supply of Ironmongery	1	Item	1,000.00	1,000.00
D	contractors profit	1	Item		
	<u>Woodwork - Second Fixings</u>				
	Architrave				
	Softwood; wrot unless otherwise stated;; square edge, splayed & radiused to one side, fixing with screws, countersinking and flush pelleting; plugging; . all in accordance with the architects drawings and speciifications; refer to drawing for further details and requirements				
E	75mm wide x 18mm thick	41	m		

INTERNAL WALLS: COMPLETIONS

Description	Qty	Unit	Rate	Amount
COLLECTION				
Page No. BQ/65				1,000.00
INTERNAL WALLS: COMPLETIONS				
Carried to Summary				1,000.00

Description		Qty	Unit	Rate	Amount
<u>WALL FINISHES EXTERNALLY</u>					
<u>WALL FINISHES EXTERNALLY</u>					
<u>Floor, Wall and Ceiling Finishes</u>					
<u>In-situ finishes</u>					
Render; 20mm overall thickness; scudding coat of cement and sand (1:3), 3mm thick; scratch coat of cement and sand (1:4), 9mm thick; finish coat of cement and sand (1:5), 8mm thick.					
<u>Walls; to concrete surfaces; externally</u>					
A	> 300mm wide	197	m2		
<u>Plinths</u>					
B	< or = 300mm wide.	51	m		
<u>Reveals</u>					
C	< or = 300mm wide.	54	m		
<u>Metalwork: Non-Structural</u>					
"Protektor" or approved equivalent plaster beads; stainless steel; fixing with dabs of mortar in accordance with manufacturer's instructions and specification					
D	Angle bead;	61	m		
E	Movement bead; design joints.	10	m		
Stainless steel, grade 304/S15; 'Expamet' by the Expanded Metal Company Limited or equal approved; to masonry.					
F	Bellcast stop beads.	51	m		
<u>Cement Board and Plaster Finish Vertically over Lower Roof</u>					
G	Cement Board and Plaster Finish Vertically over Lower Roof	16	m2		

Description	Qty	Unit	Rate	Amount
COLLECTION				
Page No. BQ/67				
WALL FINISHES EXTERNALLY Carried to Summary				

	Description	Qty	Unit	Rate	Amount
	<u>WALL FINISHES INTERNALLY</u>				
	<u>WALL FINISHES INTERNALLY</u>				
	<u>Floor, Wall and Ceiling Finishes</u>				
	In-situ Finishes				
	12.5mm thick plasterboard; plasterboard to BS 1230: Part 1, type 1 to 5; fixed to blockwork walls with a combination of 'Dot and Dab' and mechanical fixings, all in accordance with manufacturers recommendations; Gypweld finish coat; all joints taped with joint tape and fill with joint filler; finish with pinnacle skim coat plaster; steel trowelled to a smooth finish, 3mm thick; including all isolation strips, mastic, adhesive, angle and stop beads as required; all in accordance with the manufacturers instructions				
	<u>Walls; to blockwork</u>				
A	exceeding 300 mm wide; to internal masonry walls	505	m2		
B	extra over; moisture resistant plasterboard to wet areas; plasterboard, with moisture resistant core and moisture repellent paper facings	94	m2		
	<u>Reveals</u>				
C	< or = 300mm wide	54	m		
	<u>Metalwork - Non structural</u>				
	<u>Beads</u>				
	Expamet, or approved equivalent, galvanised expanded metal lathing and beading fixed in accordance with manufacturers instructions				
D	Angle beads	54	m		
	<u>Airtightness Tape</u>				
E	Siga Fentrim IS 20 or similar approved air tightness sealing tape in sealing window and door frames to masonry wall ope jambs including preparing masonry for same.	54	m		
F	Testing shall be carried out by an independant approved contractor in accordance with the Engineers specification.(Allow for 2 no tests)	1	No.		

Description		Qty	Unit	Rate	Amount
<u>FLOOR FINISHES</u>					
<u>FLOOR FINISHES</u>					
<u>Floor, Wall and Ceiling Finishings: Flexible Sheet Finishings</u>					
<u>WOODWORK</u>					
<u>Boarding and Second Fixings</u>					
<u>Softwood skirting; Profile: to architects approval & details; Thickness: 19mm; Moisture resistant grade to BS 142; Finish: Prepared primed & painted as M60; Fixing: countersink, screw or rivet and pellet; all in accordance with Architects drawings and specification</u>					
Second fixings					
A	125 x 18mm	169	m		
<u>FLOOR WALL AND CEILING FINISHINGS</u>					
Damp Proof Membrane					
Scabble/prepare/clean concrete floor slab/screed for Eurocol 026 euroblock multi or equivalent 'Solvent-free DPM for suppressing residual construction moisture in sand/cement screeds', include for all levelling to all screeds to receive PVC, linoleum or rubber flooringall in accordance with manufactures recommendations					
Floors					
B	> 300mm	225	m2		
Levelling Compound					
<u>Proprietary self smoothing levelling screed; Ardex or equivalent; K15 new levelling and smoothing compound with Ardex P82 Primer or equivalent; Fully bonded; 6mm thick; as per BS 8204-7; SR1 flatness/surface regularity class; all laid in accordance with manufacturers instructions</u>					
Floors					
C	> 300mm	225	m2		

	Description	Qty	Unit	Rate	Amount
	<u>(Cont) FLOOR WALL AND CEILING FINISHINGS</u> <u>(Cont) Levelling Compound</u> <u>Forbo Surestep Original or equivalent PVC-free premium rubber flooring two-tone surface 3.5mm thickness in selected colours; R10 Slip Rating to DIN EN 16165, Class 33, 34, slip resistance value (SRV) (minimum) / pendulum test value (PTV) (minimum) to BS 7976: > 36(wet); fixed to floor / concrete base with adhesive (and primer if required) to manufacturers instructions include for preparing floor to clauses 410, 430, 460, maintenance and finishing to clause 822 and hot seam weld all joints with Forbo PVC Welding cable groove cut with approved groove cutting machine including all trims and edgings; all in accordance with the manufacturers instructions and as per Architects Specification 19277 Spec. 06 and Architects Drawings 19277-204 & 205 and 502 & 503 - (Ref: F2)</u> Floors; concrete base A > 300mm wide <u>125mm high Forbo PS Linoleum Coving Strip fixed to plastered wall with Cove former: 38mm radius tapered to architraves. Securely bond to base and background using contact adhesive. Accurately mitre at corners with Top edge trim: HCS48 PVC capping strip to all other areas. Securely bond to background using contact adhesive, with top edge straight and parallel with floor; turn flooring material up wall, securely bond to cove former and background using adhesive specified for fixing to base, and ease top of material into edge trim; accurately mitre at corners and all joints to be hot welded all in accordance with the manufactures written instructions and as per Architects Specification 19277 Spec. 06 and as per Architects Drawings 19277-204 & 205 and 502 & 503 - (Ref: F2)</u> Skirting B girth < or = to 150 mm	225	m2		
		169	m		

Description	Qty	Unit	Rate	Amount
COLLECTION Page No. BQ/71 Page No. BQ/72 FLOOR FINISHES Carried to Summary				

Description		Qty	Unit	Rate	Amount
<u>CEILING FINISHES</u>					
<u>CEILING FINISHES</u>					
<u>Floor Wall and Ceiling Finishes</u>					
Gyproc Foilbacked Wallboard or equivalent plasterboard 12.5 mm thick to BS EN 520, fixed to timber with screws; filling and taping joints; primer/sealer as recommended by board manufacturer for vapour control including metal beads/stops as recommended by board manufacturer; including 2-3mm thick skim coat of plaster; smooth trowelled finish; all in accordance with manufacturer's instructions; all in accordance with Architect's drawings and specifications					
A	Width > 300mm	225	m2		
B	Extra over last for moisture board	11	m2		
<u>Air Tightness</u>					
Airtightness membrane to BS EN 13984:2012, type A proprietary vapour retarder and airtight barrier manufactured from modified fabric reinforced polyamide faced with a special polypropylene fabric. Thickness 0.4 mm. WEight 126 g/m2. UV stable. Fire behavior Class E to EN 13501-1. SD value 5m. Vapour resistance 1 MN s/g. Include for single sided extra wide adhesion adhesive tape for fixing overlapping membrane seams:-					
Ceilings					
C	> 300mm wide	225	m2		
<u>Insulation</u>					
D	400mm thick overall Isover Spacesaver Roll or similar approved attic insulation in two 200mm layers, laid over plasterboard ceilings in accordance with manufacturers instructions.	225	m2		
<u>Sundry Items</u>					
E	Stira attic access hatch - 600 x 600mm	1	No.		
F	Water tank supports/platform.	1	No.		

Description	Qty	Unit	Rate	Amount
COLLECTION				
Page No. BQ/74				
CEILING FINISHES Carried to Summary				

Description		Qty	Unit	Rate	Amount
<u>ROOF FINISHES</u>					
<u>ROOF FINISHES</u>					
<u>Composite Item</u>					
<u>Kingspan KS1000 RW XL 120mm Panel Merlin Grey Colour with Matching Ridge, Verge Apron and Fascia/Soffit Flashings/ Trims. Highline Eaves Gutter and 100mm PVC Circular Downpipe, Fixings Fillers, Lead Flashings and All Accessories</u>					
<u>Roof Coverings</u>					
A	sloping > 300 mm wide	1	Item		

Description	Qty	Unit	Rate	Amount
COLLECTION Page No. BQ/76 ROOF FINISHES Carried to Summary				

	Description	Qty	Unit	Rate	Amount
	<u>PAINTING AND DECORATING</u>				
	<u>PAINTING AND DECORATING</u>				
	<u>Painting External</u>				
	PAINTING AND DECORATING; Painting				
	<u>Clean down, prepare surface, apply one primer coat and three coats of Dulux Weathershield emulsion, to selected colours, to plaster base</u>				
	Walls				
A	> 300mm wide	197	m2		
	<u>Reveals</u>				
B	< or = 300mm wide.	54	m		
	<u>Plinth</u>				
C	< or = 300mm wide.	51	m		
	Existing Building				
D	Allow for making good and re-painting any existing areas disturbed due to the new extension	1	Item		
	<u>Painting Internal</u>				
	Cleaning down; dusting off; one coat of emulsion sealer; three coats of washable vinyl silk emulsion; "Mcpherson Brilliant White" or other approved equivalent; selected colours;				
	<u>Plastered blockwork Walls</u>				
E	> 300 mm wide	505	m2		
F	< or = 300 mm wide	54	m		
	Existing Building				
G	Allow for making good and re-painting any existing areas disturbed due to the new extension	1	Item		
	Clean down, knot, stop and apply one coat of aluminium primer before fixing on site; to woodwork.				
	<u>General surfaces</u>				
H	< or = 300mm girth	152	m		

Description		Qty	Unit	Rate	Amount
<u>(Cont) PAINTING AND DECORATING</u>					
Sanding down; dusting off; three coats of "Sadolins" top coat, or other approved equivalent; to woodwork					
<u>General surfaces</u>					
A	< or = 300 mm girth (frames, architraves, window boards and the like)	152	m		
B	> 300 mm wide (doors)	31	m2		

Description	Qty	Unit	Rate	Amount
COLLECTION				
Page No. BQ/78				
Page No. BQ/79				
PAINTING AND DECORATING				
Carried to Summary				

MECHANICAL, VENTILATION & ELECTRICAL INSTALLATION

	Description	Qty	Unit	Rate	Amount
<u>MECHANICAL, VENTILATION & ELECTRICAL INSTALLATION</u>					
	<u>MECHANICAL, VENTILATION & ELECTRICAL INSTALLATION</u>				
A	The Contractor is advised that the Architect's drawings, Schedule of Works and Specifications (Works Requirements) are all complementary to each other and should be read in conjunction with one another		note		
B	All works to be in accordance with Mechanical, Ventilation & Electrical Services drawings and specifications; The Contractor shall refer to the Mechanical, Ventilation & Electrical Services drawings and specifications and include for all cost as outlined in same; refer to Services Engineers drawings for further details and requirements		Note		
C	The Contractor shall refer to Services Engineers drawings and specification document for further details and requirements and ensure all installations complies with same		Note		
	<u>MECHANICAL, VENTILATION & ELECTRICAL INSTALLATION</u>				
	Allow a PC Sum of €150,000.00 for Mechanical, Ventilation & Electrical Services Installation				
D	Mechanical, Ventilation & Electrical Services Installation	1	Item	150,000.00	150,000.00
E	contractors profit	1	Item		
F	general attendances	1	Item		
	Special attendances as outlined below				
G	unloading, distributing, hoisting, and placing in position of sub-contractor's materials	1	Item		
H	provide covered storage and accommodation including lighting and power thereto	1	Item		
J	provide power, single and three phase	1	Item		
K	protection of completed work	1	Item		
	<u>BUILDERS WORK MECHANICAL</u>				
	Include for builders work and firestopping associated with Mechanical, Ventilation & Electrical Services Installation				
L	generally	1	Item		

MECHANICAL, VENTILATION & ELECTRICAL INSTALLATION

Description	Qty	Unit	Rate	Amount
COLLECTION				
Page No. BQ/81				150,000.00
MECHANICAL, VENTILATION & ELECTRICAL INSTALLATION				
Carried to Summary				150,000.00

Description		Qty	Unit	Rate	Amount
<u>SANITARY WARE</u>					
<u>SANITARY WARE</u>					
<u>FITTINGS: Fittings, Equipment & Furniture</u>					
WCs					
Supply and install the following: Armitage Shanks 7455 Alto 55cm washbasin single tap hole, E0070 wall fixing set Basin, with single Avon S7239AA chrome 1/2 non-concussive type (single), waste to be chrome 768ACP 1 1/4 anti-theft basin waste grid only, no stopper or chain hole. WC Pan to be Armitage Shanks White Montana WC Pan (Department of Education Special). WC Cistern to be Armitage Shanks White dual flush push button valve cistern, 6 litre, bottom supply, internal overflow. Close coupled with Lockable lid. WC Seat to be Armitage Shanks Black S4074 Bakasan open front seat with stainless steel pillars, complete with silicone sealing to joint between pan and wall as specified. Include for 2nr horizontal and 4nr vertical grab rails as per WC layouts and the above as per Architects Specification N13/1(a) and Sanitary Ware Schedule on Architects drawings					
Dual Flush WC and Fittings					
A	fixed in accordance with manufacturers instructions and recommendations	4	nr		
WC Seat					
B	fixed in accordance with manufacturers instructions and recommendations	4	nr		
WHB and Fittings					
C	fixed in accordance with manufacturers instructions and recommendations	4	nr		
Non-concussive Taps					
D	fixed in accordance with manufacturers instructions and recommendations	4	nr		

Description		Qty	Unit	Rate	Amount
<u>(Cont) SANITARY WARE</u>					
Sink to Classroom					
Supply and install; Franke stainless steel sink Galassia Range or equivalent; Single Bowl and drainer: Ref. GAX 611 1000mm, With Franke 'Davos' polished chrome or equivalent pillar tap and Franke basket strainer waste and plumbing kits, complete with silicone sealing to joint between sink and wall as specified all as per Architects Specification					
Stainless steel sink - 800mm wide					
A	fixed in accordance with manufacturers instructions and recommendations	2	nr		
Polished chrome single swivel neck mixer type with quarter turn taps					
B	fixed in accordance with manufacturers instructions and recommendations	2	nr		
Accessories					
<u>Grab Rails (For Washbasin)</u>					
C	Contour 21 grab rail straight 60 cm long x 35mm diameter S6454 (LJ)	8	nr		
<u>Grab Rails (For Washbasin)</u>					
D	Contour 21 grab rail straight 60 cm long x 35mm diameter S6454 (LJ)	8	nr		
<u>Toilet Roll Holder</u>					
E	White mini jumbo toilet roll dispenser or equivalent, 275h x 345w x 132d mm, plastic, suitable for 59mm core roll	4	nr		
<u>Soap Dispensers</u>					
F	White foam pouch dispenser or equivalent	4	nr		
<u>Hand Paper Towel Dispenser</u>					
G	White Manual multi-fold hand towel dispenser or equivalent, 444h x 302w x 102d mm, plastic		nr		
<u>Disposal Bin</u>					
H	Allow for disposal bin	4	nr		

Description		Qty	Unit	Rate	Amount
<u>(Cont) SANITARY WARE</u>					
<u>(Cont) Accessories</u>					
<u>Coat / Clothes Hooks</u>					
A	Stainless Steel Clothes hook	4	nr		
Mirrors					
<u>Supply and install float glass, silvered mirror to give maximum reflection, free from tarnishing, discoloration, scratches and other defects visible in the designed viewing conditions, 6mm thick, backing to be lead foil or aluminium, 6mm polished bevel edge treatment, fixed with double sided self adhesive pads at 400mm centres. Fix accurately and securely, but without overtightening fastening to provide a flat surface giving a distortion free reflection all in accordance with Architects drawings</u>					
Mirrors					
B	400mm wide x 1070mm high	4	nr		

Description	Qty	Unit	Rate	Amount
COLLECTION				
Page No. BQ/83				
Page No. BQ/84				
Page No. BQ/85				
SANITARY WARE				
Carried to Summary				

	Description	Qty	Unit	Rate	Amount
	<u>FIXTURES & FITTINGS</u>				
	<u>FIXTURES & FITTINGS</u>				
A	<u>Large Storage Units to Classrooms</u>				
B	Large Storage Units to Classrooms	2	Nr		
	<u>Kitchenette to Classrooms</u>				
C	Kitchenette to Classrooms	2	Nr		
	<u>Kitchen</u>				
D	Kitchen	1	Item		
	<u>Appliances - Single Oven, Indusction Hob, Freestanding Fridge, Freestanding Dishwasher.</u>				
E	Appliances - Single Oven, Indusction Hob, Freestanding Fridge, Freestanding Dishwasher.	1	Item		
	<u>Window Blinds</u>				
F	Blinds to be provided to all new windows		Note		
	<u>Supply and install manually operated Blinds to windows in teaching spaces shall be manually operated heavy duty contract gradesteel 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. Colours to be selected. A test certificate of Fire Safety of furnishings and fittings in places of assembly should be supplied for each item; White Manual Window Blind fabric - (i) Light transmission values in the 9% to 12% range, (ii) Solar absorption in the 17% to 20% range (iii) Optimum shading coefficient (iv) Openness factor in the 3% to 5% range (All blinds on East and South facing Classroom windows to have a 3% openness factor, subject to mock up on site) all installed in accordance with Architects Specification 19277-Spec 06 Ref: Item 2.21 and Refer to Architects Window Schedule as per Drawing 19277-600 & 601</u>				
	Window Blinds				
G	to suit overall window size 4000 x 1800mm high	2	nr		
H	to suit overall window size 1100 x 1800mm high	1	nr		
J	to suit overall window size 640 x 850mm high	4	nr		

FIXTURES & FITTINGS

Description	Qty	Unit	Rate	Amount
<u>(Cont) FIXTURES & FITTINGS</u>				
Allow a PC Sum of €3,000.00 for External Sign - 19mm Foamex c/w Brushed Dibond Face Sign				
19mm Foamex c/w Brushed Dibond Face Sign	1	Item	3,000.00	3,000.00
contractors profit	1	Item		
general attendances	1	Item		

Description	Qty	Unit	Rate	Amount
COLLECTION				
Page No. BQ/87				
Page No. BQ/88				3,000.00
FIXTURES & FITTINGS				
Carried to Summary				3,000.00

Description		Qty	Unit	Rate	Amount
<u>PREPARED SITE</u>					
<u>PREPARED SITE</u>					
A	<u>Allowance for Site Preparation Incl Breaking Up Existing Footpaths and Stone to Compound</u>				
B	Allowance for Site Preparation Incl Breaking Up Existing Footpaths and Stone to Compound	1	Item		

Description	Qty	Unit	Rate	Amount
COLLECTION				
Page No. BQ/90				
PREPARED SITE Carried to Summary				

	Description	Qty	Unit	Rate	Amount
	<u>ROADS PATHS PAVINGS</u>				
	<u>ROADS PATHS PAVINGS</u>				
	<u>CONCRETE PATHS</u>				
	Footpaths/hardstandings				
	Filling;				
	Clause 804 approved granular material, spread, levelled and well compacted in layers not exceeding 150 mm thick with 6 passes of vibratory roller to falls and cross falls				
A	< or = 250 mm to paths	14	m3		
	Surface Treatment.				
	Limestone fines blinding; laid on hardcore base				
B	50 mm thick laid raking to footpaths	89	m2		
	In-situ Concrete				
	Reinforced in-situ concrete; Grade 30N; vibrated				
	Footpaths				
C	< or = 150mm	14	m3		
	Designed joints				
	Expansion/Contraction Joint in concrete path; inserting 25mm compressible filler board, and sealing off top 25mm with joint sealer, including necessary formwork; to a depth of 100mm; stopping mesh back from joint;				
D	100 mm expansion joints	18	m		

Description		Qty	Unit	Rate	Amount
<u>(Cont) ROADS PATHS PAVINGS</u>					
Reinforcement					
<u>All reinforcement shall be Deformed Type 2; Grade B500B as per Table 4 of BS 4499:2005 +A2:2009; All reinforcement shall be certified by CARES or equivalent third party body as conforming to the requirements of BS 4483. One copy of the certificate for each delivery of reinforcement shall be delivered to the Employer's Representative before reinforcement is fixed in the works. The Contractor shall test samples of reinforcement as instructed by the Employer's Representative for any deliveries for which satisfactory certificates are not provided. Testing shall be sufficient to ensure compliance with BS 4483 and test results shall be delivered to the Employer's Representative before the reinforcement is fixed. If any of the samples are found to be below the standard required by BS 4483, then the whole delivery shall be removed from the site and replaced with reinforcement that does comply with BS 4483. All costs and delays due to testing of reinforcement and removal and replacement of sub-standard reinforcement shall be paid for by the Contractor.</u>					
Fabric; reference A142; weighing 2.22 kg/sq.m; 300 mm side and end laps (measured nett no allowance for laps):-					
A	horizontal to footpaths	89	m2		
Sundries					
Surface finishes					
Brushed surface finish to unset concrete with bullnose edge					
B	Footpaths/hardstanding	89	m2		
Formwork					
Formwork surface finish to concrete; Class 3 finish in accordance with BS 8110					
Edges					
C	< or = 250mm to edges of paths and ramps.	50	m		
Existing Paths/Hardstandings					
D	Allow for tying into existing paths/hardstandings and making good as necessary	1	Item		

Description		Qty	Unit	Rate	Amount
<u>(Cont) ROADS PATHS PAVINGS</u>					
<u>(Cont) Existing Paths/Hardstandings</u>					
<u>Tarmacadam</u>					
Filling;					
Clause 804 approved granular material, spread, levelled and well compacted in layers not exceeding 150 mm thick with 6 passes of vibratory roller to falls and cross falls					
A	< or = 250 mm to paths	30	m3		
Surface Treatment.					
Limestone fines blinding; laid on hardcore base					
B	50 mm thick laid raking to footpaths	200	m2		
Tarmac Base Surfacing					
<u>Single course wearing course macadam; all in accordance with Engineers Specification:-</u>					
40mm surface course SMA 10 surf PMB 65/105-60 to IS 130108-5 and Clause 942; on 80mm Asphalt concrete binder to Clause 906, (AC20) HDM BIN 40/60 to EN13108:1 All in accordance with the Engineer's instructions; Refer to Civil Engineer's drawings					
C	> 300 mm wide	200	m2		
<u>Kerbing</u>					
D	Kerbing	60	m		

Description	Qty	Unit	Rate	Amount
COLLECTION				
Page No. BQ/92				
Page No. BQ/93				
Page No. BQ/94				
ROADS PATHS PAVINGS				
Carried to Summary				

	Description	Qty	Unit	Rate	Amount
	<u>SITE SERVICES (PIPED & DUCTED)</u>				
	<u>SITE SERVICES (PIPED & DUCTED)</u>				
	<u>FOUL WATER DRAINAGE</u>				
	Excavate trenches; backfilling with excavated material, carting surplus excavated material off site to a tip provided by the contractor; compacting in 150 mm layers				
	Pipes; < or = 250 mm nominal diameter				
A	Average depth 1000 to 1500mm.	72	m		
	Extra over for excavating around the following existing services in road including all necessary temporary diversions and hand digging as required:				
B	crossing under existing services	1	Item		
C	around existing services crossing excavations;	1	Item		
D	next / alongside existing services;	1	Item		
	In-situ concrete; Grade 20; 20 mm maximum size limestone aggregate; piped wrapped in 1 layer of felt as per Engineers Specification; to the following pipes:				
E	450 x 450mm thick, to 100mm pipe.	72	m		
	"Wavin" or equivalent approved uPVC pipes to I.S. 424: 1990, laid and jointed with socket joints with rubber rings in running lengths, in accordance with the manufacturers instructions				
	Pipes				
F	nominal pipe diameter 100 mm	72	m		
	Extra over pipes for which they occur				
G	fittings; bends 100 mm diameter	10	nr		
H	fittings; Tee junctions 100 mm diameter	10	nr		
	Pipe Accessories				
	Back Inlet Gullies, Wavin or equivalent approved, include for excavation, disposal, concrete grade 20n, in bed and surround, include for all necessary formwork.				
J	100 x 100mm, 100mm outlet, Pvc grid.	6	nr		

	Description	Qty	Unit	Rate	Amount
	(Cont) SITE SERVICES (PIPED & DUCTED)				
	(Cont) Pipe Accessories				
	Access junctions, Wavin or equivalent approved, include for excavation, disposal, concrete grade 20n bed and surround, formwork.				
A	500 x 500mm, 100mm outlet, Pvc cover and frame.	8	nr		
B	Extra over last for Riser pieces 100 mm diameter.	8	nr		
	<u>Manhole</u>				
	<u>1200mm diameter internally reinforced concrete Grade 40 in-situ bed on 50mm Grade 10 concrete blinding, precast concrete manhole ring and base units with rubber gasket connections from an approved source; precast reinforced concrete manhole cover slabs, 1500 x 1500 x 200mm thick, bedding in cement mortar (1:3); include all necessary cutting of rings, benchings, heavy duty ribbed step irons and pipe connections and back filling around manhole with hardcore; as per Engineers specifications</u>				
C	Average depth 1000 to 1500mm.	1	No.		
	<u>Covers</u>				
D	600mm diameter single seal heavy duty cast iron manhole cover and frame to BS 497 Grade A weighing not less than 170 kgs, cover to be cross webbed, square studded non-slip pattern with keyhole and prising bar, and include for setting frame in cement mortar (1:3) and cover in manhole grease.	1	No.		
	<u>Treatment Unit & Filtration Area</u>				
	Allow PC sum of € 30,000 for Treatment Unit & Filtration Area				
E	Treatment Unit & Filtration Area	1	Item	30,000.00	30,000.00
F	contractors profit	1	Item		
G	general attendances	1	Item		

	Description	Qty	Unit	Rate	Amount
	<u>(Cont) SITE SERVICES (PIPED & DUCTED)</u>				
	Connection to Existing Manhole				
	Locate existing manhole in foul sewer; connect end of new pipe to existing sewer; including all necessary excavation, disposal, backfilling and reinstatement; forming openings; adapting channels and benching as required; including necessary diversion during the progress of the work and temporary works as required; making good all work disturbed all backfill and reinstatement to meet NRA and Irish Water requirements				
A	1 nr 100 mm diameter pipe; connection at average 1000 to 1500mm below existing cover level to existing pipework	1	nr		
	Existing Foul Sewer				
B	Allow for maintaining existing foul sewer running through proposed extension for the duration of the project	1	Item		
	Attendances				
C	Contractors is to allow here for all attendance required on utility companys/statutory bodies during the course of the works.	1	Item		
	Testing and Commissioning				
	Testing				
D	Allow for testing drainage to the satisfaction of the Engineer and the Local Authority.	1	Item		
	<u>STORM WATER DRAINAGE</u>				
	Excavate trenches; backfilling with excavated material, carting surplus excavated material off site to a tip provided by the contractor; compacting in 150 mm layers				
E	Average depth 1000 to 1500mm.	50	m		
	Extra over for excavating around the following existing services in road including all necessary temporary diversions and hand digging as required:				
F	crossing under existing services	1	Item		
G	around existing services crossing excavations;	1	Item		
H	next / alongside existing services;	1	Item		

	Description	Qty	Unit	Rate	Amount
	<u>(Cont) SITE SERVICES (PIPED & DUCTED)</u> <u>(Cont) Testing and Commissioning</u> <u>(Cont) STORM WATER DRAINAGE</u> In-situ concrete; Grade 20; 20 mm maximum size limestone aggregate; piped wrapped in 1 layer of felt as per Engineers Specification; to the following pipes: A 450 x 450mm thick, to 100mm pipe. "Wavin" or equivalent approved uPVC pipes to I.S. 424: 1990, laid and jointed with socket joints with rubber rings in running lengths, in accordance with the manufacturers instructions Pipes B nominal pipe diameter 100 mm Extra over pipes for which they occur C fittings; bends 100 mm diameter D fittings; branches 100mm -150mm diameter. Pipe Accessories Back Inlet Gullies, Wavin or equivalent approved, include for excavation, disposal, concrete grade 20n, in bed and surround, include for all necessary formwork. E 100 x 100mm, 100mm outlet, Pvc grid. Access junctions, Wavin or equivalent approved, include for excavation, disposal, concrete grade 20n bed and surround, formwork. F 500 x 500mm, 100mm outlet, Pvc cover and frame. G Extra over last for Riser pieces 100 mm diameter.	50	m		
		50	m		
		7	nr		
		7	nr		
		5	nr		
		5	nr		
		5	nr		

Description		Qty	Unit	Rate	Amount
<u>(Cont) SITE SERVICES (PIPED & DUCTED)</u>					
Channels					
<u>Aco doorway drainage channel or equivalent with stainless steel grating; including vertical outlet; underside of door threshold plate to be sealed to channel grating; minimum 10mm polymer modified mortar as detailed and specified by manufacturers; concrete bedding and surrounding as detailed; including all caps, ends, outlets as required; all installations in accordance with manufacturers instructions; all in accordance with drawings and specifications</u>					
Pipe accessories					
A	generally; 100mm wide; to door	5	m		
B	end caps;	6	nr		
Connection to Existing Manhole					
Locate existing manhole in public highway; connect end of new pipe to existing manhole; including all necessary excavation, disposal, backfilling and reinstatement; forming openings; adapting channels and benching as required; including necessary diversion during the progress of the work and temporary works as required; making good all work disturbed all backfill and reinstatement to meet NRA and Irish Water requirements					
C	1 nr 150 mm diameter pipe; connection at average 1000 to 1500mm below existing cover level to existing manhole	4	Item		

Description	Qty	Unit	Rate	Amount
COLLECTION				
Page No. BQ/96				
Page No. BQ/97				30,000.00
Page No. BQ/98				
Page No. BQ/99				
Page No. BQ/100				
SITE SERVICES (PIPED & DUCTED)				
Carried to Summary				30,000.00

SITE SERVICES (MAINLY ELECTRICAL)

Description		Qty	Unit	Rate	Amount
<u>SITE SERVICES (MAINLY ELECTRICAL)</u>					
<u>SITE SERVICES (MAINLY ELECTRICAL)</u>					
A	<u>Allowance for Ducting Associated with New Extension</u>				
B	Allowance for Ducting Associated with New Extension	1	Item		

Description	Qty	Unit	Rate	Amount
COLLECTION				
Page No. BQ/102				
SITE SERVICES (MAINLY ELECTRICAL) Carried to Summary				

SITE SERVICES (WATER SUPPLY)

Description		Qty	Unit	Rate	Amount
<u>SITE SERVICES (WATER SUPPLY)</u>					
<u>SITE SERVICES (WATER SUPPLY)</u>					
A	<u>Allowance for Water Supply Associated with New Extension</u>				
B	Allowance for Water Supply Associated with New Extension	1	Item		

Description	Qty	Unit	Rate	Amount
COLLECTION Page No. BQ/104 SITE SERVICES (WATER SUPPLY) Carried to Summary				

Description		Qty	Unit	Rate	Amount
<u>LANDSCAPING</u>					
<u>LANDSCAPING</u>					
<u>REINSTATEMENT OF GRASSED AREAS</u>					
Composite Item					
A	Contractor shall allow for reinstatement of all grass areas affected by the works	1	Item		

Description	Qty	Unit	Rate	Amount
COLLECTION Page No. BQ/106 LANDSCAPING Carried to Summary				

Description	Qty	Unit	Rate	Amount
	Page No.			
PRELIMINARIES	BQ/44			
SUBSTRUCTURE	BQ/51			
EXTERNAL WALLS	BQ/55			
INTERNAL WALLS	BQ/57			
STEELWORK	BQ/59			
ROOF STRUCTURE	BQ/62			
EXTERNAL WALLS: COMPLETIONS	BQ/64			15,000.00
INTERNAL WALLS: COMPLETIONS	BQ/66			1,000.00
WALL FINISHES EXTERNALLY	BQ/68			
WALL FINISHES INTERNALLY	BQ/70			
FLOOR FINISHES	BQ/73			
CEILING FINISHES	BQ/75			
ROOF FINISHES	BQ/77			
PAINTING AND DECORATING	BQ/80			
MECHANICAL, VENTILATION & ELECTRICAL INSTALLATION	BQ/82			150,000.00
SANITARY WARE	BQ/86			
FIXTURES & FITTINGS	BQ/89			3,000.00
PREPARED SITE	BQ/91			
ROADS PATHS PAVINGS	BQ/95			
SITE SERVICES (PIPED & DUCTED)	BQ/101			30,000.00
SITE SERVICES (MAINLY ELECTRICAL)	BQ/103			
SITE SERVICES (WATER SUPPLY)	BQ/105			
LANDSCAPING	BQ/107			

Description	Qty	Unit	Rate	Amount
TOTAL TO TENDER & SCHEDULE BQ/1 - BQ/107.	Page No.			199,000.00