



Cork ETB Course Relocation Works

at

Douglas Street Campus

for

Cork Education and Training Board

Volume C Pricing Document

August 2026

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REPORT CONTROL

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Issue	Date	Status	Checked for Issue
0	07/08/2026		

Item	Description	Quantity	Unit	Rate	Amount
2	(15) DEMOLITION AND ALTERATIONS				
	The Contractor must note the following				
A	This Element of the works has been measured from the Engineers Drawings, Specifications and other documents as Scheduled at Appendix A to Bill of Quantities No.1 ie. General Conditions and Preliminary Items.		Note		
B	All materials are to be "proper materials" meaning materials which are fit for the use in which they are intended and for the conditions in which they are to be used, and includes materials which: (a) bear a CE Marking in accordance with the provisions of the Construction Products Regulation; (b) comply with an appropriate harmonised standard or European Technical Assessment in accordance with the provisions of the Construction Products Regulation; or (c) comply with an appropriate Irish Standard or Irish Agreement Certificate or with an alternative national technical specification of any state which is a contracting party to the Agreement on the European Economic Area, which provides in use an equivalent level of safety and suitability. Allow for the full cost of this requirement including testing as required.		Note		
C	For detailed description of workmanship and materials see specification.		Note		
D	The Contractor is to allow in his tender rates for all temporary works and supports (labour, materials and plant) necessary to complete works which may include but not limited to local undermining, needling, propping or bracing to raking resistance; the Contractor is also to allow in his tender rates for the design of the temporary works including calculations, details and specifications prepared by suitably qualified Consultant Engineer engaged by Contractor and approved by Project Engineer prior to execution (engaged Consultant Engineer must have suitable professional indemnity insurance to complete design works).		Note		
E	All Demolition work shall be in accordance with Engineers and Architects drawings, schedules and specifications		Note		
F	Unless otherwise stated all items measured in this element shall include for disposal of all materials off site including any resulting debris, rubble and the like	1	Item		
G	The contractor is to carry out a full review of the existing structure prior to commencement of works; particular attention shall be paid to verifying span direction and dimensions of floor structures type, size and bearing conditions of precast floor slab; presence, location and structural adequacy of lintels over all openings, material type and structural integrity of all supporting walls and beams; any discrepancies or uncertainties between the existing structure and the proposed design shall be brought to the attention of the Engineer immediately for resolution prior to proceeding with the affected works		Note		
H	The works in this element are on the first and second floor of the building and the tenderer should take this into account and include any associated cost here.	1	Item		
	<u>ALTERATIONS:</u>				
	ISOLATED FITTINGS AND BRACKETS				
	<u>Carefully remove existing isolated redundant light fittings, brackets, pipework, screws, bolts etc from brick/block elevations generally and make good:</u>				
J	Generally;	1	Item		
	GENERAL DEMOLITIONS AND STRIP OUT				
	To Collection:				

Item	Description	Quantity	Unit	Rate	Amount
2	(15) DEMOLITION AND ALTERATIONS (cont'd)				
	<u>Carefully take down, take up, demolish and remove the following from the building generally and make good existing structures, completions and finishes:</u>				
A	General debris, rubbish, loose ceiling tiles from all rooms etc.	1	Item		
B	Wall hangings, notice boards, pictures, bonded/fixed signage, brackets, fire extinguishers, hanging/picture rails etc.	1	Item		
C	Blind and curtain systems to all windows and doors generally including softwood support/fixing battens.	1	Item		
D	Remaining loose or fixed furniture and equipment ie desks, chairs, filing cabinets, comms and storage cabinets, cupboards etc.	1	Item		
	<u>Carefully removing/strip out; built in furniture equipment and the likes and dispose off site (unless stated otherwise); all in strict accordance with Engineers Drawings, schedules and specifications</u>				
E	Generally;	1	Item		
	<u>Carefully break out and remove existing raised stage/platform construction, overall size 8.11m2; approx. 200mm high, including any timber/metal framing, decking, finishes, fixings and associated components; dispose of all arisings off site to licensed facility; make good floor substrate on completion, all as existing and as directed.</u>				
F	1620mm x 5000mm wide	1	Item		
	REMOVAL OF FITTINGS AND FIXTURES				
	REMOVING SERVICES INSTALLATIONS				
G	M&E Contractor to disconnect and make safe M&E services in existing buildings. Demolition and strip out by Main Contractor.	1	Item		
	<u>Carefully strip out and totally remove the following existing services installations complete including support steelwork, brackets, timber/steel encasings, grounds, concrete bases etc. and make good all resulting opes, chases etc in preparation for the works generally:</u>				
H	Mechanical Services Installation	1	Item		
J	Electrical Services Installation	1	Item		
K	Sanitary Plumbing Installations; to include all existing hairdressing and beauty installations	1	Item		
	REMOVAL OF FLOOR FINISHES				
	<u>Carefully removing; Floor Finishes and associated thresholds, trims, coved skirtings and the likes and dispose off site (unless stated otherwise), backing and adhesives and/or bonding agents; making good existing substrate to receive new finishes; all in strict accordance with Engineers Drawings, schedules and specifications</u>				
	Remove Floor finishes				
	Vinyl Flooring;				
L	>300mm wide	352	m2		
	<u>Carefully remove existing skirting boards; making good any other works or finishes disturbed; removal to be in strict accordance with the Engineers Specification</u>				
	Skirtings				
	To Collection:				

Item	Description	Quantity	Unit	Rate	Amount
2	(15) DEMOLITION AND ALTERATIONS (cont'd)				
A	Generally	162	m		
	REMOVAL OF CEILING FINISHES				
	<u>Removing existing Suspended Ceilings; including segregating all debris as required by local authority and disposal off site to accredited tip; including all necessary making good work disturbed in preparation for installation of new Suspended ceiling system; ceiling void to be confirmed on site</u>				
B	Removing existing Suspended Ceilings	352	m2		
C	Extra over for making good to Ceilings after removal of Suspended Ceilings	1	Item		
	Internal Doors				
	<u>Removed off site, internal doors and associated frames and ironmongery; dispose off site (unless otherwise stated); making good all surfaces to match existing; all in strict accordance with Engineers drawings, schedules and specifications</u>				
	Internal Doors and associated frames;				
D	910mm x 2250mm high	6	nr		
E	1000mm x 2250mm high	1	nr		
F	1360mm x 2715mm high	1	nr		
	REMOVE GLAZED SCREENS				
	<u>Carefully take down internal glazed screens and associated frames; dispose off site (unless otherwise stated); making good all surfaces to match existing; all in strict accordance with Architects drawings, schedules and specifications</u>				
	Internal Glazing and associated frames;				
G	1000mm x 2000mm high	1	nr		
H	1450mm x 1810mm high	1	nr		
J	1600mm x 1810mm high	1	nr		
K	2270mm wide x 2710mm high; including door 1360mm x 2250mm high with fan light	1	nr		
	REMOVAL OF INTERNAL WALLS				
	<u>Carefully take down and remove from site existing partiton walls and make good in preparation for new;</u>				
	First Floor; 3170mm high				
L	100mm thick	6	m		
	<u>Carefully take down and remove from site existing concrete block walls and make good in preparation for new;</u>				
	First Floor; 900mm high				
M	100mm thick	5	m		
	First Floor & Second Floor 3170mm high				
N	100mm thick	6	m		
P	215mm thick	25	m		
	CUTTING OPES IN INTERNAL WALLS				
	To Collection:				

Item	Description	Quantity	Unit	Rate	Amount
2	(15) DEMOLITION AND ALTERATIONS (cont'd)				
	<u>Carefully needle and shore in forming the following opes in existing solid concrete blockwork walls, plastered both sides include for inserting 2 No.100x65mm pre-stressed lintols with a minimum bearing of 150mm each side on to and including padstones, wedging and pinning up, propping as required, quoining up reveals, forming 215mm thick smooth concrete flush threshold and making good plaster to each face of wall with fair joint all round together with and including the plastering of the newly formed reveals complete with patent metal angle bead both faces all to matching; remove all debris from site;</u>				
	Concrete Block Walls; 215mm thick;				
A	overall approx. size 900 x 2250mm high	3	nr		
B	overall approx. size 910 x 2250mm high	1	nr		
	CLOSING OPES IN INTERNAL WALLS				
	<u>Block up existing openings in internal block walls; hack out existing plaster reveals and window boards where necessary, carefully needle and shore to remove existing lintol and stepped pvc dpc detail over; close up resulting ope in solid masonry wall construction to match existing, wedge and pin up tooth and bond all round; plaster each face of wall on completion all to match existing and to leave the faces of the walls level and true in the following overall sizes:</u>				
	Concrete block wall; 215mm thick;				
C	870mm x 2250mm high	2	nr		
D	1000mm x 2250mm high	1	nr		
E	2270mm x 2710mm high	1	nr		
F	1000mm x 2000mm high	1	nr		
G	1450mm x 1810mm high	1	nr		
H	1600mm x 1810mm high	1	nr		
	WORKS TO EXISTING GLAZING				
	<u>Carefully and aesthetically permanently restrict/seal existing windows by mechanically fixing closed and acoustically sealing all around;</u>				
J	520mm x 1810mm high;	9	nr		
To Collection:					

Item	Description	Quantity	Unit	Rate	Amount
2	(15) DEMOLITION AND ALTERATIONS (cont'd) COLLECTION Page 2/1 Page 2/2 Page 2/3 Page 2/4				
	To Final Summary:				

Item	Description	Quantity	Unit	Rate	Amount
3	(22) INTERNAL WALLS AREA 1 & 3 - FIRST & SECOND FLOOR The Contractor must note the following A This Element of the works has been measured from the Engineers Drawings, Specifications and other documents as Scheduled at Appendix A to Bill of Quantities No.1 ie. General Conditions and Preliminary Items. B All materials are to be "proper materials" meaning materials which are fit for the use in which they are intended and for the conditions in which they are to be used, and includes materials which: (a) bear a CE Marking in accordance with the provisions of the Construction Products Regulation; (b) comply with an appropriate harmonised standard or European Technical Assessment in accordance with the provisions of the Construction Products Regulation; or (c) comply with an appropriate Irish Standard or Irish Agreement Certificate or with an alternative national technical specification of any state which is a contracting party to the Agreement on the European Economic Area, which provides in use an equivalent level of safety and suitability. Allow for the full cost of this requirement including testing as required. C For detailed description of workmanship and materials see specification. D Whether specifically stated or not, where debris arises from demolitions and alterations in any or all of the following the contractor is to include for the removal from site to a licensed landfill. E The contractor is to carry out a full review of the existing structure prior to commencement of works; particular attention shall be paid to verifying span direction and dimensions of floor structures type, size and bearing conditions of precast floor slab; presence, location and structural adequacy of lintels over all openings, material type and structural integrity of all supporting walls and beams; any discrepancies or uncertainties between the existing structure and the proposed design shall be brought to the attention of the Engineer immediately for resolution prior to proceeding with the affected works F The Contractor is to allow in his tender rates for all temporary works and supports (labour, materials and plant) necessary to complete works which may include but not limited to local undermining, needling, propping or bracing to raking resistance; the Contractor is also to allow in his tender rates for the design of the temporary works including calculations, details and specifications prepared by suitably qualified Consultant Engineer engaged by Contractor and approved by Project Engineer prior to execution (engaged Consultant Engineer must have suitable professional indemnity insurance to complete design works). G The works in this element are on the first and second floor of the building and the tenderer should take this into account and include any associated cost here.				
	FLOOR, WALL AND CEILING FINISHINGS STUD PARTITIONS				
	To Collection:				

Item	Description	Quantity	Unit	Rate	Amount
3	(22) INTERNAL WALLS (cont'd)				
	<u>Metal stud partition wall, 'Gyproc GypWall Extreme' or equal and approved, comprising single row galvanised steel stud framing fixed between floor and soffit channels with 15mm deflection head, additional framing and pattressing to support fixtures, fittings and glazed screens, 100mm mineral wool insulation within cavity, lined both sides with 2 no. 12.5mm plasterboards fixed in accordance with manufacturer's recommendations, joints taped and filled, perimeter acoustic seals, 3mm skim coat plaster finish, primer/sealer, beads, stops, fire stopping and all ancillary components necessary for a complete installation. Partition to achieve Severe Duty classification to BS 5234-2, minimum REI 30 fire resistance to BS EN 13501-2 and specified airborne sound insulation performance.</u>				
A	Height 3170mm; Extra over for;	1	m		
B	Stop Ends	1	nr		
C	Abutments with other finishes	1	nr		
D	Being 30 minute Fire Rated including 30 minute FR sealant all round	1	item		
	<u>Metal stud partition wall, 'Gyproc GypWall A206142' or equal and approved, 122mm nominal overall thickness, comprising 70mm Gypframe 'C' studs at 600mm centres installed within galvanised floor and head channels fixed to structure; 50mm Isover Acoustic Roll insulation within cavity; pattressing in 15mm plywood where required; lined with 2 no. 12.5mm 'Gyproc WallBoard' (or equivalent) to each face, fixed with proprietary drywall screws; joints taped and filled, board perimeters sealed with proprietary acoustic sealant, reinforced with paper joint tape and finished with 3mm skim coat plaster to both sides; including all angles, trims, fixings and accessories necessary for a complete installation. Partition to achieve minimum 60-minute fire resistance to BS EN 1364-1 and laboratory airborne sound insulation of Rw approximately 50dB.</u>				
E	Height 3170mm; Extra over for;	9	m		
F	Abutments with other finishes	1	nr		
G	Mullion Mate' or equivalent closer panel to new wall; 60mm x 125mm x 3170mm high	1	Item		
H	Being 60 minute Fire Rated including 30 minute FR sealant all round	1	Item		
To Collection:					

Item	Description	Quantity	Unit	Rate	Amount
3	(22) INTERNAL WALLS (cont'd) COLLECTION Page 3/1 Page 3/2				
To Final Summary:					

Item	Description	Quantity	Unit	Rate	Amount
4	(32) INTERNAL WALL: COMPLETIONS				
	The Contractor must note the following				
A	This Element of the works has been measured from the Engineers Drawings, Specifications and other documents as Scheduled at Appendix A to Bill of Quantities No.1 ie. General Conditions and Preliminary Items.		Note		
B	All materials are to be "proper materials" meaning materials which are fit for the use in which they are intended and for the conditions in which they are to be used, and includes materials which: (a) bear a CE Marking in accordance with the provisions of the Construction Products Regulation; (b) comply with an appropriate harmonised standard or European Technical Assessment in accordance with the provisions of the Construction Products Regulation; or (c) comply with an appropriate Irish Standard or Irish Agreement Certificate or with an alternative national technical specification of any state which is a contracting party to the Agreement on the European Economic Area, which provides in use an equivalent level of safety and suitability. Allow for the full cost of this requirement including testing as required.		Note		
C	For detailed description of workmanship and materials see specification.		Note		
D	Whether specifically stated or not, where debris arises from demolitions and alterations in any or all of the following the contractor is to include for the removal from site to a licensed landfill.		Note		
E	The contractor is to carry out a full review of the existing structure prior to commencement of works; particular attention shall be paid to verifying span direction and dimensions of floor structures type, size and bearing conditions of precast floor slab; presence, location and structural adequacy of lintels over all openings, material type and structural integrity of all supporting walls and beams; any discrepancies or uncertainties between the existing structure and the proposed design shall be brought to the attention of the Engineer immediately for resolution prior to proceeding with the affected works		Note		
F	The works in this element are on the first and second floor of the building and the tenderer should take this into account and include any associated cost here.	1.0	Item		
	COMPOSITE ITEMS				
	FIRE RATED DOORS				
	<u>Composite item; 30S Fire Rated Door complete with architraves, comprising doorset, frames and surrounds in solidcore veneered with hardwood to be beech; complete; door including selected hardwood frame and lining set and selected hardwood door stop; including hardwood lipping and chamfered beading to edges; fixing frame to blockwork surfaces by plugging, countersinking and pelling; including perimeter intumescent fire seals, cold smoke seals, low-profile stainless steel threshold, fixings, all ancillary components and all ironmongery; including 3 no. hinges, 2 no. Briton 4600.22.600.1 pull handle, 2 no. Briton 4080.675 push plates; 10mm gap between door frame and wall to be filled to full width with ram packed mineral wool and sealed both sides with non-hardening sealant; samples to be approved by Architect; door assembly to achieve FD30S fire rating; supplied and installed all in strict accordance with manufacturer's instructions and the Engineers drawings and specifications</u>				
	Single Door; D05; overall ope size 900mm x 2715mm high				
G	900mm x 2200mm high	1	nr		
	To Collection:				

Item	Description	Quantity	Unit	Rate	Amount
4	(32) INTERNAL WALL: COMPLETIONS (cont'd)				
	Extra over for;				
A	Fan Light; 900mm x 515mm high	1	nr		
	Double Door; D04; overall ope size 1360mm x 2715mm high				
B	1360mm x 2200mm high	1	nr		
	Extra over for;				
C	Obsevation Panel; 240mm x 600mm high	1	nr		
D	Fan Light; 1360mm x 515mm high	1	nr		
	<u>60 Minute Fire Rated Door complete with architraves, comprising minimum 50mm thick door leaf of non-combustible construction, frames and surrounds in solidcore veneered with hardwood to be beech; complete; door including selected hardwood frame and lining set and selected hardwood door stop; including hardwood lipping and chamfered beading to edges; fixing frame to blockwork surfaces by plugging, countersinking and pellating; including perimeter intumescent fire seals, cold smoke seals, low-profile stainless steel threshold, ironmongery, fixings and all ancillary components; 10mm gap between door frame and wall to be filled to full width with ram packed mineral wool and sealed both sides with non-hardening sealant; samples to be approved by Architect; door assembly to achieve minimum E60 fire resistance in accordance with EN 1634-1 and EN 13501-2; supplied and installed all in strict accordance with manufacturer's instructions and the Architects Drawing Nr. 05000</u>				
	Single Door; D03; overall ope size 900mm x 2250mm high				
E	900mm x 2250mm high	4	nr		
	Extra over for;				
F	Obsevation Panel; 240mm x 940mm high	4	nr		
	IRONMONGERY				
	Include for the following ironmongery in association with the above doors;				
G	100mm Butt hinges	21	nr		
H	Briton' or equivalent Pull Handles (ref 4600.22.600.1)	14	nr		
J	Briton' or equivalent Push Plate (ref 4080.675)	14	nr		
	TESTING				
K	Include for all testing to demonstrate the Acoustic values specified above	1	Item		
	To Collection:				

Item	Description	Quantity	Unit	Rate	Amount
4	(32) INTERNAL WALL: COMPLETIONS (cont'd) COLLECTION Page 4/1 Page 4/2				
To Final Summary:					

Item	Description	Quantity	Unit	Rate	Amount
5	(42) WALL FINISHES INTERNALLY				
	The Contractor must note the following				
A	This Element of the works has been measured from the Engineers Drawings, Specifications and other documents as Scheduled at Appendix A to Bill of Quantities No.1 ie. General Conditions and Preliminary Items.		Note		
B	All materials are to be "proper materials" meaning materials which are fit for the use in which they are intended and for the conditions in which they are to be used, and includes materials which: (a) bear a CE Marking in accordance with the provisions of the Construction Products Regulation; (b) comply with an appropriate harmonised standard or European Technical Assessment in accordance with the provisions of the Construction Products Regulation; or (c) comply with an appropriate Irish Standard or Irish Agreement Certificate or with an alternative national technical specification of any state which is a contracting party to the Agreement on the European Economic Area, which provides in use an equivalent level of safety and suitability. Allow for the full cost of this requirement including testing as required.		Note		
C	For detailed description of workmanship and materials see specification.		Note		
D	Whether specifically stated or not, where debris arises from demolitions and alterations in any or all of the following the contractor is to include for the removal from site to a licensed landfill.		Note		
E	The contractor is to carry out a full review of the existing structure prior to commencement of works; particular attention shall be paid to verifying span direction and dimensions of floor structures type, size and bearing conditions of precast floor slab; presence, location and structural adequacy of lintels over all openings, material type and structural integrity of all supporting walls and beams; any discrepancies or uncertainties between the existing structure and the proposed design shall be brought to the attention of the Engineer immediately for resolution prior to proceeding with the affected works		Note		
F	The works in this element are on the first and second floor of the building and the tenderer should take this into account and include any associated cost here	1	Item		
	<u>PAINTING AND DECORATING</u>				
	PAINTING				
	<u>Prepare and clean down; painting 3 nr coats interior "Dulux" or equivalent eggshell washable or similar approved paint; colour to Architects approval; in strict accordance with the Architects Drawings and specifications</u>				
	To existing walls;				
G	>300mm wide	319	m2		
	To existing reveals;				
H	< or = 300mm wide	23	m		
	New walls; to plaster base				
J	>300mm wide	70	m2		
	New reveals; to plaster base				
K	< or = 300mm wide	12	m		
	To Collection:				

Item	Description	Quantity	Unit	Rate	Amount
5	(42) WALL FINISHES INTERNALLY (cont'd) <u>Prepare and clean down; painting 3 nr coats interior "Dulux Trade Diamond Matte" or equivalent or similar approved paint; colour to Architects approval; in strict accordance with the Architects Drawings and specifications</u> To existing walls;				
A	>300mm wide TILE SPLASHBACKS	54	m2		
B	Splashbacks to new worktops (F.6, F.6.1, F.7); 400mm high; including all trims; to isolated areas Sundries <u>Rake out standard tile joint at internal corners, prime and point in two part polysulphide mastic in selected colour,include for necessary masking</u>	4	m2		
C	3x6mm deep <u>Stainless steel trim to edge of ceramic wall tiling fixed to plasterwork with tile adhesive.</u>	1	m		
D	Generally Labours	8	m		
E	Making good and/or cutting around obstructons; girth < or = 300mm	3	nr		
To Collection:					

Item	Description	Quantity	Unit	Rate	Amount
5	(42) WALL FINISHES INTERNALLY (cont'd) COLLECTION Page 5/1 Page 5/2				
	To Final Summary:				

Item	Description	Quantity	Unit	Rate	Amount
6	(43) FLOOR FINISHES				
	The Contractor must note the following				
A	This Element of the works has been measured from the Engineers Drawings, Specifications and other documents as Scheduled at Appendix A to Bill of Quantities No.1 ie. General Conditions and Preliminary Items.		Note		
B	All materials are to be "proper materials" meaning materials which are fit for the use in which they are intended and for the conditions in which they are to be used, and includes materials which: (a) bear a CE Marking in accordance with the provisions of the Construction Products Regulation; (b) comply with an appropriate harmonised standard or European Technical Assessment in accordance with the provisions of the Construction Products Regulation; or (c) comply with an appropriate Irish Standard or Irish Agreement Certificate or with an alternative national technical specification of any state which is a contracting party to the Agreement on the European Economic Area, which provides in use an equivalent level of safety and suitability. Allow for the full cost of this requirement including testing as required.		Note		
C	For detailed description of workmanship and materials see specification.		Note		
D	Whether specifically stated or not, where debris arises from demolitions and alterations in any or all of the following the contractor is to include for the removal from site to a licensed landfill.		Note		
E	The contractor is to carry out a full review of the existing structure prior to commencement of works; particular attention shall be paid to verifying span direction and dimensions of floor structures type, size and bearing conditions of precast floor slab; presence, location and structural adequacy of lintels over all openings, material type and structural integrity of all supporting walls and beams; any discrepancies or uncertainties between the existing structure and the proposed design shall be brought to the attention of the Engineer immediately for resolution prior to proceeding with the affected works		Note		
F	The works in this element are on the first and second floor of the building and the tenderer should take this into account and include any associated cost here	1	Item		
	<u>FLEXIBLE SHEET COVERINGS</u>				
	FLOOR PREPARATION				
	<u>Prepare and apply approved high performance compatible cementitious floor levelling compound on new floor slabs to leave level and true in preparation for new floor coverings.</u>				
G	>300mm	211	m2		
	VINYL SHEET COVERINGS				
	<u>2mm thick "Forbo Sphera SD" or equivalent high-performance homogeneous sheet vinyl flooring engineered for permanent ESD control, having hot seam welded matching joints fixed with an approved adhesive to screeded concrete slab in accordance with the manufacturers recommendations; Colour to be approved by CETB (Subject to acoustic consultant's assessment)</u>				
	Floors; to screeded concrete base; Area 1				
H	>300mm	117	m2		
	To Collection:				

Item	Description	Quantity	Unit	Rate	Amount
6	(43) FLOOR FINISHES (cont'd)				
	<u>2.5mm thick "Forbo SafeStep" or equivalent sheet flooring, with R10 slip resistance and a minimum Pendulum Test Value (PTV) of 36+ in wet conditions; having hot seam welded matching joints fixed with an approved adhesive to screeded concrete slab in strict accordance with the manufacturers latest recommendations.</u>				
	Floors; to screeded concrete base; Area 3				
A	>300mm	94	m2		
	<u>2mm thick "Forbo Surestep Balance Limestone" or equivalent sheet flooring, with R10 slip resistance; having hot seam welded matching joints fixed with an approved adhesive to screeded concrete slab in strict accordance with the manufacturers latest recommendations.</u>				
	Floors; to screeded concrete base; Area 1				
B	>300mm	20	m2		
	PRE-FORMED SKIRTING				
	<u>"Forbo" Pre-formed Vinyl covered skirting or equivalent detail; hot-welded to create a watertight, chemical-resistant seal; include for edging\capping strip with silicone; mastic bedding and pointing to slabbed and plastered stud partitions; include for fully welded and sealed ends, angles and curved returns at doors all complete and within manufacturers "Forbo" recommendations.</u>				
C	150mm high; Area 1, Area 3	115	m		
	<u>Tarkett' Pre-formed Marmoleum Skirting or equivalent covered skirting detail; fully welded to main sheet flooring in the running length; include for edging\capping strip with silicone mastic bedding and pointing to slabbed and plastered stud partitions; include for fully welded and sealed ends, angles and curved returns at doors all complete and within manufacturers "Tarkett" recommendations.</u>				
D	150mm high; Area 1	24	m		
	FLOOR SEPARATION STRIPS				
	<u>"Schluter-Schiene-E" or equivalent high performance stainless steel profiled strip plugged and screwed to screeded concrete floor slab between floor finishes of varying thicknesses;</u>				
E	38mm wide strips	6	m		
To Collection:					

W23028

Item	Description	Quantity	Unit	Rate	Amount
7	(45) CEILING FINISHES				
	The Contractor must note the following				
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B	All materials are to be "proper materials" meaning materials which are fit for the use in which they are intended and for the conditions in which they are to be used, and includes materials which: (a) bear a CE Marking in accordance with the provisions of the Construction Products Regulation; (b) comply with an appropriate harmonised standard or European Technical Assessment in accordance with the provisions of the Construction Products Regulation; or (c) comply with an appropriate Irish Standard or Irish Agreement Certificate or with an alternative national technical specification of any state which is a contracting party to the Agreement on the European Economic Area, which provides in use an equivalent level of safety and suitability. Allow for the full cost of this requirement including testing as required.		Note		
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E	The contractor is to carry out a full review of the existing structure prior to commencement of works; particular attention shall be paid to verifying span direction and dimensions of floor structures type, size and bearing conditions of precast floor slab; presence, location and structural adequacy of lintels over all openings, material type and structural integrity of all supporting walls and beams; any discrepancies or uncertainties between the existing structure and the proposed design shall be brought to the attention of the Engineer immediately for resolution prior to proceeding with the affected works		Note		
F	The works in this element are on the first and second floor of the building and the tenderer should take this into account and include any associated cost here.	1	Item		
	SUSPENDED CEILINGS				
	<u>Armstrong Dune' or equivalent Suspended Ceiling System; 600 x 600mm Tegular Tiles, consisting of ceiling section and support channels; strap hangers suspended from steel support structure above at 600mm centres; including suspension system and all necessary holding down clips, fixings, cuttings and edge trims; allow for working around services and necessary fire sleeves; samples to be approved by Architect; supplied and installed all in strict accordance with the Manufacturer's Instructions; Drawings Nr. 02503. 02512</u>				
	Average depth of suspension; 500-1000mm				
G	>300mm	94	m2		
	Matching trim at perimeter fixed to suspension system with dry wall screws				
H	Perimeter Trim	58	m		
	ACOUSTIC CEILINGS				
	To Collection:				

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[illegible]

Item	Description	Quantity	Unit	Rate	Amount
8	(79) FITTINGS GENERALLY (cont'd) <u>Supply, manufacture and install computer workstation desk unit overall size approximately 3650 x 900 x 750mm high, comprising 40mm thick worktop formed from formaldehyde-free MDF faced and edged with high-pressure laminate grade HGS to EN 438, complete with balancing laminate to underside where required. Worktop to be supported on a robust proprietary framework comprising 50 x 35mm softwood bearers and support framing, together with laminated MDF modesty panels, support gables and framing members as detailed. Include cable management provisions, service penetrations, support brackets, fixings, framing, trimming, edging, assembly, adjustment, cutting and fitting around services, finishing and making good, complete. All in accordance with Architects Drawing No.05002.</u>				
A	3650x900x750mm high (F.2) Storage Unit with Sliding Doors (F3) <u>Supply, manufacture and install full-height floor-mounted laboratory storage unit comprising 20mm laminated faced and edged MDF sliding doors mounted on heavy-duty top and bottom aluminium track system with integral guides, soft-close mechanism and cylinder lock integrated into the master key system; 18mm laminated faced and edged MDF adjustable shelves supported on adjustable studs; 200mm high-quality brushed stainless steel "D" handles; 50 x 35mm softwood bearers and internal support framing; laminated faced and edged MDF top, sides, base and back panels; and hardwood plinth coordinated with adjacent skirting height and finish. Unit to be securely fixed to floor and wall structure and suitable for heavy-duty educational laboratory use. Include all tracks, supports, ironmongery, fixings, adjustments, alignment, service penetrations, cutting and fitting around services, assembly, finishing, testing and making good, complete. All in accordance with Architects Drawing No.05002.</u>	4	nr		
B	8220x600x2700mm high (F3). SCIENCE LAB Storage Unit with Sliding Doors (F3) <u>Supply, manufacture and install full-height floor-mounted laboratory storage unit comprising 20mm laminated faced and edged MDF sliding doors mounted on heavy-duty top and bottom aluminium track system with integral guides, soft-close mechanism and cylinder lock integrated into the master key system; 18mm laminated faced and edged MDF adjustable shelves supported on adjustable studs; 200mm high-quality brushed stainless steel "D" handles; 50 x 35mm softwood bearers and internal support framing; laminated faced and edged MDF top, sides, base and back panels; and hardwood plinth coordinated with adjacent skirting height and finish. Unit to be securely fixed to floor and wall structure and suitable for heavy-duty educational laboratory use. Include all tracks, supports, ironmongery, fixings, adjustments, alignment, service penetrations, cutting and fitting around services, assembly, finishing, testing and making good, complete in accordance with the drawings and specification. All exposed surfaces and finishes to be durable, moisture-resistant, chemical-resistant and suitable for a science laboratory environment. All in accordance with Architects Drawing No.05011 & 05014.</u>	1	nr		
C	3500x600x2700mm high (F3)	1	nr		
	To Collection:				

Item	Description	Quantity	Unit	Rate	Amount
8	(79) FITTINGS GENERALLY (cont'd)				
A	4500x450x2700mm high (F3) High Level Units (F4) <u>Supply, manufacture and install wall-mounted laboratory storage unit comprising 20mm laminated faced and edged MDF doors fitted with high-quality steel hinges and high-quality cylinder locks integrated into the master key system; 18mm laminated faced and edged MDF shelves supported on adjustable studs; 200mm high-quality brushed stainless steel "D" handles; and 50 x 35mm softwood bearers and support framing securely fixed to wall construction. Include all brackets, supports, fixings, ironmongery, adjustment, alignment, cutting and fitting around services, assembly, finishing and making good, complete in accordance with the drawings and specification. All exposed surfaces and finishes to be durable, moisture-resistant and suitable for educational laboratory use. All in accordance with Architects Drawing No.05011 & 05014.</u>	1	nr		
B	720x300x795mm high (F4) Work-Top with Base Units (F6, F6.1) <u>Supply, manufacture and install proprietary laboratory base unit comprising 40mm thick bull-nosed worktop faced and edged in high-pressure laminate grade HGS to EN 438, complete with balancing laminate to underside in accordance with BS 4965; all exposed worktop surfaces and finishes to be chemical resistant and suitable for educational laboratory use; 20mm laminated faced and edged MDF carcass, shelves, doors and panels, including 20mm adjustable shelf, 20mm laminated faced and edged MDF door fitted with high-quality steel hinges and high-quality cylinder lock integrated into the master key system; 170 x 35mm brushed stainless steel "D" handles, 10mm diameter; 18mm laminated faced and edged MDF backing panel; 50 x 50mm softwood bearers and framing supports; standard high-quality adjustable cabinet legs; and hardwood plinth coordinated with adjacent skirting height and finish. Include all framing, supports, ironmongery, fixings, service penetrations, sealants, cutting and fitting around services, assembly, adjustment, finishing and making good, complete in accordance with the drawings and specification. All in accordance with Architects Drawing No.05011 & 05014.</u>	3	nr		
C	2400x625x900mm high (F6)	1	nr		
D	4200x625x900mm high (F 6.1) Belfast Sink (F8)	1	nr		
To Collection:					

Item	Description	Quantity	Unit	Rate	Amount
8	(79) FITTINGS GENERALLY (cont'd) <u>Supply, deliver and install heavy-duty Belfast sink manufactured from glazed fireclay/ceramic, chemical-resistant and suitable for educational laboratory use, complete with robust self-supporting frame fixed securely to floor construction. Frame to comprise powder-coated mild steel or stainless-steel supports designed to carry the full operational load of the sink and water content without reliance on adjacent cabinetry. Complete with chrome-plated brass waste fitting, removable strainer, overflow, anti-siphon bottle trap/P-trap connected to drainage system, and deck-mounted or wall-mounted laboratory mixer tap with swivel spout suitable for low and high-pressure water systems. Include all support brackets, fixings, service connections, pipework connections, sealants, testing, commissioning, cutting and fitting around services, making good and all associated sundry items necessary to provide a complete installation in accordance with the drawings and specification. All exposed materials and finishes to be durable, moisture-resistant, chemical-resistant and suitable for a science laboratory environment. All in accordance with Architects Drawing No.05011.</u>				
A	900 x 455mm (F8) Student Pedestal (F9) Supply, deliver and install proprietary student laboratory pedestal workstation, comprising 32mm thick solid iroko glulam worktop, chemical and heat resistant; with 250 x 250 x 250mm heavy-duty fireclay or cast epoxy resin laboratory sink complete with acid-resistant waste; laboratory tap assembly 600mm high with twin side outlets and single top outlet bib tap, brass body with anti-corrosive plastic coating to EN 13792, serrated nozzle outlets, complete with cold water service connection; twin gas outlet with lever control, serrated nozzle outlets and anti-rotation pins, brass body with anti-corrosive plastic coating to EN 13792. Carcase, doors, shelves and panels formed from 20mm moisture-resistant MDF faced internally and externally with high-pressure laminate grade HGS to EN 438, complete with 2mm laminate/PVC/hardwood edge lippings throughout; doors fitted with high-quality steel hinges and cylinder locks. Include polypropylene dilution recovery trap, 2.3 litre capacity, anti-siphon type with chemical resistance certification, removable base for cleaning and emptying; 20mm hardwood plinth with lacquer finish; all supports, fixings, service penetrations, sealants, assembly, testing, commissioning and making good. All in accordance with Architects Drawing No.05011 & 05014.	1	nr		
B	Overall size 700 x 700 x 1020mm high Teaching Wall Unit (F12)	4	nr		
To Collection:					

Item	Description	Quantity	Unit	Rate	Amount
8	(79) FITTINGS GENERALLY (cont'd) <u>Supply, manufacture and install bespoke teaching wall unit comprising a combination of self finished laminated 20mm MDF top, bottom, shelf and door panels, with all faces and edges finished, supported on softwood framing rails and bearers and incorporating painted 15mm MDF backing and facing panels. The unit shall include a flush-mounted interactive TV or projector screen (supplied by the Client) fixed on a metal wall bracket, with the screen face aligned flush with the front of the unit and a rear service void provided for cable and service drops. Provide lockable storage cupboards with high-quality steel hinges, finger-pull detailing, stainless steel pull handles, cylinder locks integrated into the master key system, and heavy-duty adjustable shelving supported on adjustable studs. Incorporate aluminium sliding teaching doors faced with whiteboard and/or noticeboard material as selected, complete with heavy-duty sliding track system, locking devices and rubber finger protectors. Finish the unit with a 120mm high hardwood plinth to match adjacent skirtings and include all framing, supports, ironmongery, fixings, trims, adjustments, finishing works and making good, complete in accordance with the drawings and specification. All in accordance with Architects Drawing No.05011 & 05014.</u>				
A	Overall size 5382 x 435 x 2615mm high CHEMICAL STORE Open Shelving (F4.1) <u>Supply, manufacture and install open laboratory shelving unit comprising 18mm formaldehyde-free MDF shelves laminated to all faces and edges with high-pressure laminate grade HGS to EN 438, supported on adjustable shelf studs and mounted on 50 x 35mm softwood bearers and support framing securely fixed to the wall and/or adjacent structure. Include laminated faced and edged MDF side panels, top and bottom panels as required, together with all brackets, supports, fixings, cutting and fitting around services, assembly, adjustment, finishing and making good, complete. All in accordance with Architects Drawing No.05011 & 05014.</u>	1	nr		
B	6000x300x730mm high (F4.1) Work-Top with base units (F6, F6.1) <u>Supply, manufacture and install proprietary laboratory base unit comprising 40mm thick bull-nosed worktop faced and edged in high-pressure laminate grade HGS to EN 438, complete with balancing laminate to underside in accordance with BS 4965; all exposed worktop surfaces and finishes to be chemical resistant and suitable for educational laboratory use; 20mm laminated faced and edged MDF carcass, shelves, doors and panels, including 20mm adjustable shelf, 20mm laminated faced and edged MDF door fitted with high-quality steel hinges and high-quality cylinder lock integrated into the master key system; 170 x 35mm brushed stainless steel "D" handles, 10mm diameter; 18mm laminated faced and edged MDF backing panel; 50 x 50mm softwood bearers and framing supports; standard high-quality adjustable cabinet legs; and hardwood plinth coordinated with adjacent skirting height and finish. Include all framing, supports, ironmongery, fixings, service penetrations, sealants, cutting and fitting around services, assembly, adjustment, finishing and making good, complete. All in accordance with Architects Drawing No.05011 & 05014.</u>	1	nr		
C	2200x625x900mm high (F6) To Collection:	1	nr		

Item	Description	Quantity	Unit	Rate	Amount
8	(79) FITTINGS GENERALLY (cont'd)				
A	5400x625x900mm high (F 6.1) Work-Top with base units and sink (F7&F8) <u>Supply, manufacture and install proprietary laboratory base unit comprising 40mm thick bull-nosed worktop faced and edged in high-pressure laminate grade HGS to EN 438, complete with balancing laminate to underside in accordance with BS 4965, all exposed worktop surfaces and finishes being chemical resistant and suitable for educational laboratory use; 20mm laminated faced and edged MDF carcass, shelves, doors and panels, including 20mm adjustable shelf, 20mm laminated faced and edged MDF door fitted with high-quality steel hinges and high-quality cylinder lock integrated into the master key system; 170 x 35mm brushed stainless steel "D" handles, 10mm diameter; 18mm laminated faced and edged MDF backing panel; 50 x 50mm softwood bearers and framing supports; standard high-quality adjustable cabinet legs; and hardwood plinth coordinated with adjacent skirting height and finish. Incorporate 'Franke Eurostar' or equivalent heavy-duty commercial-grade single-bowl stainless steel utility sink complying with BS EN/IS 13983, manufactured from Type 304 (18/10 Chromium-Nickel) stainless steel, minimum 1.2mm thick heavy-duty satin-finished sheet, overall size approximately 1000 x 500mm with integrated deep-drawn bowl approximately 450 x 400 x 250mm deep and adjacent sloped self-draining ribbed drainboard; drop-in/top-mounted in worktop and fully sealed with industrial-grade mildew-resistant silicone sealant. Complete with 38mm chrome-plated brass waste coupling, removable stainless steel basket strainer, integral overflow assembly, anti-siphonic bottle trap/P-trap connected to drainage system, and dual-control chrome-plated deck-mounted mixer tap with adjustable swivel spout, suitable for low and high-pressure water systems. Include all framing, supports, ironmongery, fixings, sealants, service connections, service penetrations, cutting and fitting around services, assembly, adjustment, testing, commissioning, finishing and making good, complete. All in accordance with Architects Drawing No.05011 & 05014.</u>	1	nr		
B	2200x625x900mm high (F7&8)	1	nr		
To Collection:					

Item	Description	Quantity	Unit	Rate	Amount
8	(79) FITTINGS GENERALLY (cont'd) COLLECTION Page 8/1 Page 8/2 Page 8/3 Page 8/4 Page 8/5 Page 8/6				
	To Final Summary:				

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Item	Description	Quantity	Unit	Rate	Amount
9	(22) INTERNAL WALLS (cont'd)				
	<u>Camden' or equivalent Acoustic Double-Leaf Partition Wall System complete, comprising all of the following components: two independent wall leaves on continuous 15mm thick resilient rubber or neoprene isolation strips at base and head of each leaf, each leaf formed with 80 x 40mm RHS steel studs lined both sides with 12.5mm thick plasterboard (4 nr total) and cavity filled with high-density acoustic mineral wool insulation (100kg/m³ nominal); leaves separated by minimum 30mm clear air gaps with no rigid ties, bridging members or mechanical connections between leaves; including acoustic sealing to all perimeters and junctions, and all fixings, accessories and ancillary components necessary to prevent acoustic bridging and achieve a complete installation in accordance with Architects Drawing Nr.02500 and Specification.</u>				
A	Overall width 240mm; Outer Leaf 3710mm high; Inner Leaf 2710mm high Extra over for;	45	m		
B	Being built against an existing Masonry Wall	1	Item		
C	Acoustic treatment of all service penetrations, acoustically sealed	1	Item		
D	Angles Forming door ope 900mm x 2250mm high; D01	14	nr		
E	D01 Forming glazing ope; 1800mm x 1150mm high	1	nr		
F	GS01 <u>Camden' or equivalent Acoustic Triple-leaf Partition Wall System complete, comprising all of the following components: three independent wall leaves on continuous 15mm thick resilient rubber or neoprene isolation strips at base and head of each leaf, each leaf formed with 80 x 40mm RHS steel studs lined both sides with 12.5mm thick plasterboard (6 nr total) and cavity filled with high-density acoustic mineral wool insulation (100kg/m³ nominal); leaves separated by minimum 30mm clear air gaps with no rigid ties, bridging members or mechanical connections between leaves; including acoustic sealing to all perimeters and junctions, and all fixings, accessories and ancillary components necessary to prevent acoustic bridging and achieve a complete installation in accordance with Architects Drawing Nr.02500 and Specification.</u>	1	nr		
G	Overall width 375mm; Outer Leaf & Centre Leaf 3710mm high; Inner Leaf 2710mm high Extra over for;	36	m		
H	Acoustic treatment of all service penetrations, acoustically sealed	1	Item		
J	Tee junctions	4	nr		
K	Angles Forming door ope 900mm x 2250mm high;	6	nr		
L	D01 Forming glazing ope; 2700mm x 1150mm high;	4	nr		
M	GS02	3	nr		
N	Mullion Mate' or equivalent closer panel to new wall; 60mm x 125mm x 3170mm high	1	Item		
	To Collection:				

Item	Description	Quantity	Unit	Rate	Amount
9	(22) INTERNAL WALLS (cont'd) 60 MIN FIRE RATED PARTITION <u>Gyproc GypWall A206142 or equivalent metal stud partition, 122mm nominal overall thickness, comprising 70mm Gypframe 'C' studs at 600mm centres within galvanised steel floor and head channels fixed to reinforced concrete structure, with 50mm Isover Acoustic Roll insulation within cavity. Lined both sides with 2 no. 12.5mm Gyproc WallBoard (25mm total lining thickness each face) fixed with proprietary drywall screws to metal framing. Joints taped and filled, board perimeters sealed with proprietary Acoustic and Fire Rated sealant and finished ready for decoration. Including plywood pattressing where required, all trims, fixings, sealants and accessories necessary for a complete installation. Partition to achieve minimum 60-minute fire resistance and laboratory airborne sound insulation of Rw 50dB; all to (BS EN 1364-1)</u>				
A	3170mm high; Extra over for;	8	m		
B	Angles	2	nr		
C	Abutments with other finishes Forming glazing ope; 1800mm x 1150mm high	4	nr		
D	GS01	1	nr		
	TESTING				
E	Include for all testing to demonstrate the Acoustic values specified above	1	Item		
To Collection:					

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Item	Description	Quantity	Unit	Rate	Amount
10	(28) FRAMES				
	The Contractor must note the following				
A	This Element of the works has been measured from the Engineers Drawings, Specifications and other documents as Scheduled at Appendix A to Bill of Quantities No.1 ie. General Conditions and Preliminary Items.		Note		
B	All materials are to be "proper materials" meaning materials which are fit for the use in which they are intended and for the conditions in which they are to be used, and includes materials which: (a) bear a CE Marking in accordance with the provisions of the Construction Products Regulation; (b) comply with an appropriate harmonised standard or European Technical Assessment in accordance with the provisions of the Construction Products Regulation; or (c) comply with an appropriate Irish Standard or Irish Agreement Certificate or with an alternative national technical specification of any state which is a contracting party to the Agreement on the European Economic Area, which provides in use an equivalent level of safety and suitability. Allow for the full cost of this requirement including testing as required.		Note		
C	For detailed description of workmanship and materials see specification.		Note		
D	Whether specifically stated or not, where debris arises from demolitions and alterations in any or all of the following the contractor is to include for the removal from site to a licensed landfill.		Note		
E	The contractor is to carry out a full review of the existing structure prior to commencement of works; particular attention shall be paid to verifying span direction and dimensions of floor structures type, size and bearing conditions of precast floor slab; presence, location and structural adequacy of lintels over all openings, material type and structural integrity of all supporting walls and beams; any discrepancies or uncertainties between the existing structure and the proposed design shall be brought to the attention of the Engineer immediately for resolution prior to proceeding with the affected works		Note		
F	Steel grade S355 to BS EN 10025; hot rolled sections; weldable steel; bolted site connections; include for shot blast cleaning and applying protective primer coat paint at works all to the Engineers Specification	1	Item		
G	Steel surface preparation and secondary painting preparation as per the Engineers Specification.	1	Item		
H	Protective coatings; shot blast to Swedish S.A. 2.5 standard; two coats of zinc rich primer; total D.F.T. 35 microns; shop primer of 2-pack epoxy micaceous ironoxide by airless spray to a DFT of 85 microns; after erection touch up damaged areas with 2-pack epoxy micaceous iron oxide.	1	Item		
J	All steelwork which is to be encased in concrete, shall be blast cleaned and left unpainted. Where steelwork is to be encased in masonry, all concealed surfaces shall receive a protective finishing coat of bitumen based paint approved by the Engineer and applied by the Contractor	1	Item		
K	Provide for complying with the Engineers Specification requirements for tests of materials, workmanship, tolerances and finished structure.	1	Item		
L	Provide for complying with the Engineers Specification requirements for samples of the structural steel elements, painting etc.	1	Item		
	To Collection:				

Item	Description	Quantity	Unit	Rate	Amount
10	(28) FRAMES (cont'd)				
A	The works in this element are on the first floor of the building and the tenderer should take this into account and include any associated cost here. STEELWORK Structural <u>First Floor; Ceiling Steel Support Structure</u> Fabricated Members; Columns 80x40x6.3 RHS	1	Item		
B	<25kg/m Fabricated Members; Beams (First Floor Ceiling Height) 80x40x6.3 RHS	3.23	Tonne		
C	<25kg/m 90x50x5.0 RHS	0.26	Tonne		
D	<25kg/m Bracings 50x50x6 EA	3.11	Tonne		
E	<25kg/m Fittings	0.27	Tonne		
F	<25kg/m	2.00	Tonne		
To Collection:					

Item	Description	Quantity	Unit	Rate	Amount
10	(28) FRAMES (cont'd) COLLECTION Page 10/1 Page 10/2				
	To Final Summary:				

Item	Description	Quantity	Unit	Rate	Amount
11	(32) INTERNAL WALL: COMPLETIONS				
	The Contractor must note the following				
A	This Element of the works has been measured from the Engineers Drawings, Specifications and other documents as Scheduled at Appendix A to Bill of Quantities No.1 ie. General Conditions and Preliminary Items.		Note		
B	All materials are to be "proper materials" meaning materials which are fit for the use in which they are intended and for the conditions in which they are to be used, and includes materials which: (a) bear a CE Marking in accordance with the provisions of the Construction Products Regulation; (b) comply with an appropriate harmonised standard or European Technical Assessment in accordance with the provisions of the Construction Products Regulation; or (c) comply with an appropriate Irish Standard or Irish Agreement Certificate or with an alternative national technical specification of any state which is a contracting party to the Agreement on the European Economic Area, which provides in use an equivalent level of safety and suitability. Allow for the full cost of this requirement including testing as required.		Note		
C	For detailed description of workmanship and materials see specification.		Note		
D	Whether specifically stated or not, where debris arises from demolitions and alterations in any or all of the following the contractor is to include for the removal from site to a licensed landfill.		Note		
E	The contractor is to carry out a full review of the existing structure prior to commencement of works; particular attention shall be paid to verifying span direction and dimensions of floor structures type, size and bearing conditions of precast floor slab; presence, location and structural adequacy of lintels over all openings, material type and structural integrity of all supporting walls and beams; any discrepancies or uncertainties between the existing structure and the proposed design shall be brought to the attention of the Engineer immediately for resolution prior to proceeding with the affected works		Note		
F	The works in this element are on the first floor of the building and the tenderer should take this into account and include any associated cost here.	1	Item		
	COMPOSITE ITEMS				
	ACOUSTIC FIRE DOORS				
	<u>Composite Item; 30S Fire Rated single door complete with architraves, frames and surrounds in hardwood solidcore and veneered with beech hardwood; complete; door including selected hardwood frame and lining set and selected hardwood door stop; including hardwood lipping and chamfered beading to edges as indicated; fixing frame to blockwork surfaces by plugging, countersinking and pelling; 10mm gap between door frame and wall to be filled to full width with ram packed mineral wool and sealed both sides with non-hardening sealant; samples to be approved by Architect; supplied and installed all in strict accordance with Manufacturer's Instructions; in strict accordance with the Architects Drawing 02500</u>				
G	900mm x 2100mm single door (D02)	2	nr		
	Extra over for;				
H	Observation Panel; overall size 240mm x 940mm high	2	nr		
	To Collection:				

Item	Description	Quantity	Unit	Rate	Amount
11	(32) INTERNAL WALL: COMPLETIONS (cont'd) <u>Composite Item; EI60 Fire-Rated Acoustic Door complete with architraves, frames and surrounds in high-density mineral/timber particleboard; complete; door including selected frame and lining set and selected door stop, ironmongery, integrated cold smoke seals, automatic drop seal threshold, door closer; including lipping and chamfered beading to edges; fixing frame to blockwork surfaces by plugging, countersinking and pelling; 10mm gap between door frame and wall to be filled to full width with ram packed mineral wool and sealed both sides with non-hardening sealant; samples to be approved by Architect; supplied and installed all in strict accordance with manufacturer's instructions; door assembly to achieve minimum EI60 Fire Resistance and Rw 45dB Acoustic Performance in accordance with EN 1634-1, EN 13501-2 and BS EN ISO 10140; In strict accordance with the Architects Drawing 02500</u>				
A	900mm x 2250mm single door (D01) Extra over for;	5	nr		
B	Observation Panel; overall size 240mm x 940mm high	5	nr		
	IRONMONGERY Include for the following ironmongery in association with the above doors;				
C	3nr. 100mm Butt hinges	21	nr		
D	2nr. Briton' or equivalent Pull Handles (ref 4600.22.600.1)	14	nr		
E	2nr. Briton' or equivalent Push Plate (ref 4080.675)	14	nr		
F	TESA DC175' or equivalent silent sliding arm door closer	5	nr		
	GLAZED SCREENS <u>Supply and install high-performance splayed acoustic triple glazing detail comprising a 10mm thick toughened glass outer pane inclined outward at 10°-15°, a 10mm thick toughened glass vertical centre pane and a 10mm thick toughened glass inner pane inclined outward at 10°-15°, complete with proprietary support framing, neoprene support and isolation cushions, acoustic perimeter seals between window reveals, setting blocks, brackets, gaskets, sealants, fixings and all ancillary components, including accommodation of tolerances and making good, installed in accordance with the Architects Specification to achieve the required acoustic performance. Refer to Architects Drawing No.05000</u> First Floor; overall thickness 375mm				
G	1800mm x 1150mm high on elevation; splayed	1	nr		
H	2700mm x 1150mm high on elevation; splayed	3	nr		
	TESTING J Include for all testing to demonstrate the Acoustic values specified above	1	Item		
	To Collection:				

Item	Description	Quantity	Unit	Rate	Amount
11	(32) INTERNAL WALL: COMPLETIONS (cont'd) COLLECTION Page 11/1 Page 11/2				
	To Final Summary:				

Item	Description	Quantity	Unit	Rate	Amount
12	(42) WALL FINISHES INTERNALLY				
	The Contractor must note the following				
A	This Element of the works has been measured from the Engineers Drawings, Specifications and other documents as Scheduled at Appendix A to Bill of Quantities No.1 ie. General Conditions and Preliminary Items.		Note		
B	All materials are to be "proper materials" meaning materials which are fit for the use in which they are intended and for the conditions in which they are to be used, and includes materials which: (a) bear a CE Marking in accordance with the provisions of the Construction Products Regulation; (b) comply with an appropriate harmonised standard or European Technical Assessment in accordance with the provisions of the Construction Products Regulation; or (c) comply with an appropriate Irish Standard or Irish Agreement Certificate or with an alternative national technical specification of any state which is a contracting party to the Agreement on the European Economic Area, which provides in use an equivalent level of safety and suitability. Allow for the full cost of this requirement including testing as required.		Note		
C	For detailed description of workmanship and materials see specification.		Note		
D	Whether specifically stated or not, where debris arises from demolitions and alterations in any or all of the following the contractor is to include for the removal from site to a licensed landfill.		Note		
E	The contractor is to carry out a full review of the existing structure prior to commencement of works; particular attention shall be paid to verifying span direction and dimensions of floor structures type, size and bearing conditions of precast floor slab; presence, location and structural adequacy of lintels over all openings, material type and structural integrity of all supporting walls and beams; any discrepancies or uncertainties between the existing structure and the proposed design shall be brought to the attention of the Engineer immediately for resolution prior to proceeding with the affected works		Note		
F	The works in this element are on the first floor of the building and the tenderer should take this into account and include any associated cost here.	1	Item		
	<u>PAINTING AND DECORATING</u>				
	PAINTING				
	<u>Prepare and clean down; painting 3 nr coats interior "Dulux" or equivalent eggshell washable or similar approved paint; colour to Architects approval; in strict accordance with the Engineers drawings and specifications</u>				
	To existing walls;				
G	>300mm wide	65	m2		
	To existing reveals;				
H	< or = 300mm wide	17	m		
	New walls; to plaster base				
J	>300mm wide	296	m2		
	New reveals; to plaster base				
K	< or = 300mm wide	22	m		
	To Collection:				

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Item	Description	Quantity	Unit	Rate	Amount
13	(43) FLOOR FINISHES				
	The Contractor must note the following				
A	This Element of the works has been measured from the Engineers Drawings, Specifications and other documents as Scheduled at Appendix A to Bill of Quantities No.1 ie. General Conditions and Preliminary Items.		Note		
B	All materials are to be "proper materials" meaning materials which are fit for the use in which they are intended and for the conditions in which they are to be used, and includes materials which: (a) bear a CE Marking in accordance with the provisions of the Construction Products Regulation; (b) comply with an appropriate harmonised standard or European Technical Assessment in accordance with the provisions of the Construction Products Regulation; or (c) comply with an appropriate Irish Standard or Irish Agreement Certificate or with an alternative national technical specification of any state which is a contracting party to the Agreement on the European Economic Area, which provides in use an equivalent level of safety and suitability. Allow for the full cost of this requirement including testing as required.		Note		
C	For detailed description of workmanship and materials see specification.		Note		
D	Whether specifically stated or not, where debris arises from demolitions and alterations in any or all of the following the contractor is to include for the removal from site to a licensed landfill.		Note		
E	The contractor is to carry out a full review of the existing structure prior to commencement of works; particular attention shall be paid to verifying span direction and dimensions of floor structures type, size and bearing conditions of precast floor slab; presence, location and structural adequacy of lintels over all openings, material type and structural integrity of all supporting walls and beams; any discrepancies or uncertainties between the existing structure and the proposed design shall be brought to the attention of the Engineer immediately for resolution prior to proceeding with the affected works		Note		
	ALL ELEMENTS IN AREA 2				
F	The works in this element are on the first floor of the building and the tenderer should take this into account and include any associated cost here.	1	Item		
	ACOUSTIC FLOOR FINISHES				
	FLOOR PREPARATION				
	<u>Prepare and apply approved high performance compatible cementitious floor levelling compound on existing floor slabs to leave level and true in preparation for new floor coverings</u>				
G	>300mm wide	113	m2		
	RESILIENT LAYER				
	<u>"Interfloor" or equivalent 10mm thick high performance Acoustic Resilient layer to achieve Sound Resistance of 19dB, adhesively bonded to concrete substrate in preparation of new floor finish.</u>				
H	>300mm	113	m2		
	Extra over for;				
J	60mm high upstand to perimeter	109	m		
	To Collection:				

Item	Description	Quantity	Unit	Rate	Amount
13	(43) FLOOR FINISHES (cont'd)				
A	Continuous Acoustic Rubber Resilient Strip, fixed beneath horizontal RHS steel member supporting acoustic ceiling suspension columns, to provide acoustic isolation and minimise sound bridging through the Acoustic Partition System. 80mm wide PLYWOOD <u>19mm thick tongue and groove WBP plywood in forming floating deck in preparation of floor finishes</u>	25	m		
B	>300mm Extra over for;	105	m2		
C	Forming wedge shapes in plywood for changes in levels/ramps FLEXIBLE SHEET COVERINGS <u>2mm thick "Forbo Allura Decibel" or equivalent Acoustic Luxury Vinyl Tile flooring, on and including "Forbo Vinylbase" or equivalent high-density Acoustic underlay/backing to achieve a minimum impact sound reduction performance of 19dB, colour to be approved by CETB subject to Acoustic Consultant's assessment, laid with matching joints and fixed with an approved adhesive to prepared screeded concrete slab, complete in accordance with the manufacturer's recommendations.</u>	8	m2		
D	>300mm Extra over for; Laying to Falls and Crossfalls;	18	m2		
E	>300mm PRE-FORMED SKIRTING <u>Forbo'or equivalent Pre-formed Marmoleum Skirting or equivalent coved skirting detail; fully welded to main sheet flooring in the running length; include for edging/capping strip with silicone mastic bedding and pointing to slabbed and plastered stud partitions; include for fully welded and sealed ends, angles and curved returns at doors all complete and with including manufacturers "Forbo" specials recommendations.</u> 150mm high;	8	m2		
F	>300mm Laying to Falls and Crossfalls;	102	m		
G	>300mm CARPET TILING <u>Forbo Tessera Alignment' or equivalent high-performance 500 x 500 mm modular tufted textured loop pile nylon carpet tiles with cushion backing, laid on high-density acoustic underlay 'AM Eco-Lay' or similar approved, on 20mm thick tongue-and-groove plywood/chipboard floating floor deck, on rubber/neoprene resilient layer with neoprene perimeter upstand isolating floor from walls, forming an acoustic floating floor achieving 50dB or better, including adhesives, fixings, cutting and fitting, complete in accordance with the manufacturer's recommendations.</u>	7	m		
H	>300mm	87	m2		
To Collection:					

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Item	Description	Quantity	Unit	Rate	Amount
13	(43) FLOOR FINISHES (cont'd) COLLECTION Page 13/1 Page 13/2 Page 13/3				
	To Final Summary:				

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Item	Description	Quantity	Unit	Rate	Amount
14	(45) CEILING FINISHES (cont'd)				
	<u>Class A, high absorption Acoustic Panel exposed suspended ceiling; 600mm x 600mm NRC tegular with fine texture 'Armstrong Ultima' consisting of ceiling section and support channels; strap hangers suspended from steel support structure above at 600mm centres; including suspension system and all necessary holding down clips, fixings, cuttings and edge trims; allow for working around services and necessary fire sleeves; samples to be approved by Architect; supplied and installed all in strict accordance with the manufacturer's instructions; include for a fully completed installation where nothing must remain to be done to the installation by others; in strict accordance with the Architects Drawings Nr. 02503</u> Average depth of suspension; 500-1000mm				
A	>300mm	15	m2		
	Matching trim at perimeter fixed to suspension system with dry wall screws				
B	Perimeter Trim	21	m		
	<u>Class A, high absorption Acoustic Panel exposed suspended ceiling; 600mm x 600mm NRC tegular with fine texture 'Armstrong Ultima Plus dB' consisting of ceiling section and support channels; strap hangers suspended from steel support structure above at 600mm centres; including suspension system and all necessary holding down clips, fixings, cuttings and edge trims; allow for working around services and necessary fire sleeves; samples to be approved by Architect; supplied and installed all in strict accordance with the manufacturer's instructions; include for a fully completed installation where nothing must remain to be done to the installation by others; in strict accordance with the Architects Drawings Nrs. 02503, 02504. All to achieve a Sound Insulation rating of 19dB</u> Average depth of suspension; 500-1000mm				
C	>300mm	95	m2		
	Matching trim at perimeter fixed to suspension system with dry wall screws				
D	Perimeter Trim	95	m		
	LABOURS				
	<u>Making good and/or cutting around obstructions:</u>				
E	< or = 300mm	3	nr		
F	>300-1000mm	2	nr		
	TESTING				
G	Include for all testing to demonstrate the Acoustic values specified above	1	Item		
To Collection:					

Item	Description	Quantity	Unit	Rate	Amount
14	(45) CEILING FINISHES (cont'd) COLLECTION Page 14/1 Page 14/2				
	To Final Summary:				

Item	Description	Quantity	Unit	Rate	Amount
15	(59) MECHANICAL INSTALLATION				
	The Contractor must note the following				
A	All materials are to be "proper materials" meaning materials which are fit for the use in which they are intended and for the conditions in which they are to be used, and includes materials which: (a) bear a CE Marking in accordance with the provisions of the Construction Products Regulation; (b) comply with an appropriate harmonised standard or European Technical Assessment in accordance with the provisions of the Construction Products Regulation; or (c) comply with an appropriate Irish Standard or Irish Agreement Certificate or with an alternative national technical specification of any state which is a contracting party to the Agreement on the European Economic Area, which provides in use an equivalent level of safety and suitability. Allow for the full cost of this requirement including testing as required.		Note		
B	For detailed description of workmanship and materials see specification.		Note		
C	Whether specifically stated or not, where debris arises from demolitions and alterations in any or all of the following the contractor is to include for the removal from site to a licensed landfill.		Note		
D	The works in this element are on the first and second floor of the building and the tenderer should take this into account and include any associated cost here.	1.0	Item		
	TENDERED SUM				
	<u>Tendered Sum for work to be executed by a Specialist Sub-Contractor</u>				
E	Tendered Sum for the Mechanical Services Installation executed complete employing the services of a Specialist Sub-Contractor forward from the Summary of the Services Engineers separate Pricing Document	1	item		
F	Add for profit	1	item		
	ATTENDANCES				
	<u>General Attendance; in accordance with ARM5:</u>				
G	As required	1	item		
	<u>Special Attendance in accordance with ARM5:</u>				
H	Special scaffolding additional to Main Contractors standing scaffolding together with ladders, platforms, any necessary moving, alterations and adaptations.	1	item		
J	Temporary access roads and hardstandings in connection with heavy items of plant, equipment and the like.	1	item		
K	Unloading, distributing, hoisting and placing in position all sub-contractors materials.	1	item		
L	Covered and lockable storage and accommodation including lighting and power thereto.	1	item		
M	Single and three phase power around the site.	1	item		
N	Marking the position of holes, chases etc.	1	item		
P	Maintaining humidity/temperature levels necessary to protect the works.	1	item		
	BUILDERS WORK				
	To Collection:				

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Item	Description	Quantity	Unit	Rate	Amount
15	(59) MECHANICAL INSTALLATION (cont'd) COLLECTION Page 15/1 Page 15/2				
	To Final Summary:				

Item	Description	Quantity	Unit	Rate	Amount
16	(69) ELECTRICAL INSTALLATION				
	The Contractor must note the following				
A	All materials are to be "proper materials" meaning materials which are fit for the use in which they are intended and for the conditions in which they are to be used, and includes materials which: (a) bear a CE Marking in accordance with the provisions of the Construction Products Regulation; (b) comply with an appropriate harmonised standard or European Technical Assessment in accordance with the provisions of the Construction Products Regulation; or (c) comply with an appropriate Irish Standard or Irish Agreement Certificate or with an alternative national technical specification of any state which is a contracting party to the Agreement on the European Economic Area, which provides in use an equivalent level of safety and suitability. Allow for the full cost of this requirement including testing as required.		Note		
B	For detailed description of workmanship and materials see specification.		Note		
C	Whether specifically stated or not, where debris arises from demolitions and alterations in any or all of the following the contractor is to include for the removal from site to a licensed landfill.		Note		
D	The works in this element are on the first and second floor of the building and the tenderer should take this into account and include any associated cost here.	1	Item		
	TENDERED SUM				
	Tendered Sum for work to be executed by a Specialist Sub-Contractor				
E	Tendered Sum for the Electrical Services Installation executed complete employing the services of a Specialist Sub-Contractor forward from the Summary of the Services Engineers separate Pricing Document	1	Item		
F	Add for profit	1	Item		
	ATTENDANCES				
	General Attendance; in accordance with ARM5:				
G	As required	1	Item		
	Special Attendance in accordance with ARM5:				
H	Special scaffolding additional to Main Contractors standing scaffolding together with ladders, platforms, any necessary moving, alterations and adaptations.	1	Item		
J	Temporary access roads and hardstandings in connection with heavy items of plant, equipment and the like.	1	Item		
K	Unloading, distributing, hoisting and placing in position all sub-contractors materials.	1	Item		
L	Covered and lockable storage and accommodation including lighting and power thereto.	1	Item		
M	Single and three phase power around the site.	1	Item		
N	Marking the position of holes, chases etc.	1	Item		
P	Maintaining humidity/temperature levels necessary to protect the works.	1	Item		
	BUILDERS WORK				
	To Collection:				

Item	Description	Quantity	Unit	Rate	Amount
16	(69) ELECTRICAL INSTALLATION (cont'd)				
	Based on the Services Consultant's Design and Layout Drawings for the Electrical Services Installation in which all services are concealed allow for the following Builders Work complete to the building Structure, Completions, Finishes and Fit-out include for all cutting and trimming, lintols, beams, structural framing to openings in vac-vac treated timber or galvanised steelwork including support gables or secondary steelwork, vac-vac treated secondary timberwork and supports with sound insulation, special special fabricated closer pieces, sleeves, foam/polypropylene fillers, mastic pointing, sleeves, transition pieces, roof or wall penetrations with upstands and counterflashings, painted mdf casings to conceal conduit and trunking internally on vac-vac treated support carcassing, builder supplied grilles, cabinets, waterproofing and tanking, insulation; full decoration of exposed pvc conduit and trunking, metal conduit and trunking, insulated pipework, brackets, trays, gables, steelwork, etc:				
A	Holes	1	item		
B	Chases	1	Item		
C	Recesses	1	Item		
D	Opes for grilles and the like	1	Item		
E	Penetrations through External Walls	1	Item		
F	Penetrations through Roof	1	Item		
G	Encasings to trunking and conduit	1	Item		
H	Concrete bases and plinths under equipment	1	Item		
J	Brackets, support trays, suspension systems	1	Item		
K	Structural Steelwork	1	Item		
L	Insulation	1	Item		
M	Painting and decorating of exposed items	1	Item		
N	All other Builders Work items necessary to leave the building complete and fit for purpose	1	Item		
	FIRESTOPPING				
	Firestopping the Electrical Services Installation complete by a Specialist Firm				
P	To Contractors Design and in compliance with the Fire Certificate	1	item		
To Collection:					

Item	Description	Quantity	Unit	Rate	Amount
16	(69) ELECTRICAL INSTALLATION (cont'd) COLLECTION Page 16/1 Page 16/2				
	To Final Summary:				

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