

2512 - Banagher FET Centre Plumbing Workshop

PRICING DOCUMENT GUIDANCE NOTE

- 1 The Pricing Summary tab within this Pricing Document must be completed, signed and returned with the Pricing Document. The General Summary Page must not be altered or amended.
- 2 The Contractor shall carry forward the **VAT Exclusive** total figure from the Pricing Document to the Form of Tender as indicated in the General Summary Page.
- 3 The Pricing Document is divided into 4 tabs/secitions as follows:
 1. Preliminaries
 2. Works Requirements- Outline of Scope
 3. Pricing Schedule- Works
 4. Pricing Summary Page
- 4 There are also sections for other works related costs, including:
 - Preliminaries
 - Insurances
- 5 The Tenderer has been issued with a soft copy Excel version of this Pricing Document. EACH section is to be populated / edited / amended by the Tendering Contractor to suit the Tendering Contractor's construction Works Proposal.
- 6 The Pricing Document must include a full breakdown and measure of all elements including mechanical and electrical services installations.
- 7 Lump Sum prices for each element is NOT permitted. Every line item should be quoted**
- 8 The Pricing Document is to be submitted in both PDF and Excel copy.

2512 - Banagher FET Centre Plumbing Workshop
PRELIMINARIES

Ref.	ELEMENT DESCRIPTION	QTY	UNIT	RATE	€ Excl. VAT
PRELIMINARIES					TOTAL
	Contractors to include for provision of all site services required for the contract, including contractor's compound(s), on site storage, and all measures required to meet issues raised in the Preliminary Health & Safety Plan.				€
	Contractors to include for provision of all site services required for the contract, including contractor's compound(s) and hoardings, temporary power supply, on site storage, welfare facilities scaffolding, plant, fencing, protection, signage, etc. and all measures required for the site for the duration of the project to meet issues raised in the Preliminary Health & Safety Plan				€
	Include for the removal of all scaffolding, debris and materials from site on completion of the contract and thoroughly clean the entire site to the satisfaction of the Architects.				€
	Access to compound to be provided as necessary by agreement with LOETB. Access for site vehicles and deliveries, particularly of heavy items to be carefully coordinated and arranged before or after office hours in so far as possible or by prior arrangement with Further Educational Training Centre administration.				€
	Contractor to provide a detailed updated site-specific Safety Plan prior to the commencement of the works to include method statements where required for any works which involve a Particular Risk.				€
	Contractors to note that work must be completed in as short a contract period as possible. The works to commence and be completed during Monday-Friday from 8am-6pm. Contractor to work Saturdays between 8am and 2pm, if necessary to complete without interference with the Further Educational Training Centre.				€
	The Contractor shall include for providing all necessary information as requested by the Project Supervisor for the Design Process 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. The contractor shall include all costs associated with fulfilling the role of PSCS for the project.				€
	The Contractor shall include for providing assistance to the appropriate member of the design team (and to relevant nominated sub-contractors) in preparing "as-built" drawings for inclusion in the safety file. Note: Retention will not be reduced from 10% to 5% until the draft safety file will be submitted by the PSCS to the Architects				€
	The contract will be fixed price lump sum. The contract form will be the PW-CF6 Government Short Public Works Contract.				€
	Contractors to include the cost of all insurance requirements i.e. Public Liability (€6,500,000), Employers Liability (€13,000,000) and Contractors all risks insurance (Contract sum plus €20,000 plus 15%) shall be in place before commencement.				€
	The contract form of tender will be completed, and all contractors shall complete tender schedule and return with their tender and pricing schedule of works.				€
	Miscellaneous items/ design omissions arising Contractor review of specification and drawings.				€
	Contractor to provide a Construction Waste Management Plan prior to Commencement on site. This should include details of the intended construction practice including noise management measures and off-site disposal of construction/demolition waste.				€
TOTAL PRELIMINARIES					€ -

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WORKS REQUIREMENTS

Ref. ELEMENT DESCRIPTION

WORKS REQUIREMENTS

- WR1 The contract will be a lump sum fixed price contract and the contractor shall satisfy himself/herself that his/her tender includes all works necessary to complete the works to a turnkey standard. The following is a summary schedule of the works required of the contractor. It should be read in conjunction with accompanying drawings:
- WR2 The project comprises of the clearance of the existing site and removal of a polytunnel and construction of a new steel framed single storey workshop with insulated metal wall and roof panels, internal blockwork lining wall, aluminium windows and doors, industrial door, insulated concrete floor slab, strip and pad foundations, internal partitioning and internal training Booths in blockwork, Mechanical and Electrical installations, floor and wall finishes. Internal fitout will include an extraction system.
- WR3 The site development works will include a retaining wall and balustrade to the rear, external footpaths, concrete apron and ramp, storm water drainage and connection to a new soakaway and outflow to existing gully, foul water connection, watermain connection, gas bottle enclosure and reinstatement of tarmacadam and concrete after trenching for services.

Architectural Drawings

Site Location Map 1:1000	A3	2512-KLA-00-00-DR-A-001
Existing Site Layout Plan 1:500	A1	2512-KLA-00-00-DR-A-002
Proposed Site Layout Plan 1:500	A1	2512-KLA-00-00-DR-A-003
Proposed Water Supply Layout Plan 1:500	A1	2512-KLA-00-00-DR-A-004
Proposed Drainage Layout Plan 1:200	A1	2512-KLA-00-00-DR-A-005
Health and Safety Site Layout Plan 1:500	A1	2512-KLA-00-00-DR-A-006
Bicycle Shelter Details	A1	2512-KLA-00-00-DR-A-007
Proposed Ground Floor Plan 1:50	A1	2512-KLA-00-GF-DR-A-100
Proposed Roof Plan 1:50	A1	2512-KLA-00-01-DR-A-101
Proposed Elevations & Sections 1:100	A1	2512-KLA-00-ZZ-DR-A-200
Work booth Detail	A1	2512-KLA-00-ZZ-DR-A-300
Welding Table Work Bench Details	A1	2512-KLA-00-ZZ-DR-A-301
Structural Details	A1	2512-KLA-00-ZZ-DR-A-400
Window & Door Schedule	A1	2512-KLA-00-ZZ-DR-A-500

Structural Enginners Drawings

Foundation Plans	A1	26.117 - 401
Groundfloor Plans	A1	26.117 - 402
Roof Plan	A1	26.117 - 403
Sections A-A ,B-B	A1	26.117 - 404
Detail Sections	A1	26.117 - 405

Mechanical and Electrical Drawings

Water Services Installation	A1	2512-CCE-00-ZZ-DR-M001
Ventilation Services Installation	A1	2512-CCE-00-ZZ-DR-M002-B
Soils & Waste Services Installation	A1	2512-CCE-00-ZZ-DR-M003
Oxyacetylene Services Installation	A1	2512-CCE-00-ZZ-DR-M004
Fire Extinguisher Layout	A1	2512-CCE-00-ZZ-DR-M005
Mechanical Site Services	A1	2512-CCE-00-ZZ-DR-S002
Heating Services Layout	A1	2512-CCE-00-ZZ-DR-E001
Lighting Services Layout	A1	2512-CCE-00-ZZ-DR-E002
Power Services Layout	A1	2512-CCE-00-ZZ-DR-E003-B
Protective Services Layout	A1	2512-CCE-00-ZZ-DR-E004
Intruder Alarm Layout	A1	2512-CCE-00-ZZ-DR-E005
Electrical Site Services Layout	A1	2512-CCE-00-ZZ-DR-S001-B

The Contractor shall be liable for any discrepancy between the drawings and the schedule and should always therefore include for the higher specification where a discrepancy should occur.

This Pricing Schedule is a summary schedule and must be fully priced for all items.

Where quantities are not indicated, the contractor shall insert quantities following measuring from the drawings provided.

PRICING SCHEDULE

CLIENT: LOETB

PROJECT: Banagher FET Centre Plumbing Workshop

DATE:

NO	Works Description	Approx Qty	Cost	Totals
100 SUBSTRUCTURE				
10 SUBSTRUCTURE				
10.10	Demolish existing site wall and polytunnel sections as shown in 2512-KLA-00-00-DR-A-002 and dispose off site.	1 Item		€
10.20	Excavate footprint of building and dispose off site to a depth of 300mm for floor and 750mm for strip foundations. It is the responsibility of the Contractor to check the site for underground services and to transfer them outside the new extension footprint if/ as necessary. Excavate area to SE of building for retaining wall			€
10.30	1200 × 400mm Deep RC Beam Foundations in C32/34 Concrete Reinforced with H12 @150mm C/C Each at Top and Bottom. Refer to JRAs Foundation Plan Drg 26.117-401			€
10.40	All Steel Columns on 1800 × 1800 × 600mm Deep RC Pad Foundations in C32/34 Concrete Reinforced with H12 @150 C/C Each Way Top and Bottom	13 Items		€
10.50	2 No. Courses of Autoclaved Aerated Concrete (AA) Blocks Compressive Strength: 5.2 N/mm2/ Thermal Conductivity: 0.17 W/Mk Density: 650 KG/M3/ to floor level			€
10.60	Ground Floor Slab Construction Specification: 200mm Dp C30/37 Concrete Slab (Single A393 Mesh On Top) on 80mm Floor Insulation on DPM on 35mm Sand Binding on 150mm Compacted CL804 on Type 6F2 Hardcore Compacted in 300mm Layers. Refer to JRAs Detail Section Drg 26.117-405 .	Area = 218m2. Conc Vol = 44m3. Insul Vol = 17.5m3. Hardcore Vol = 55m3.		€
10.70	Reinforced Concrete Strip Foundation for the Retaining Wall - 900x300mm. Refer to JRAs Foundation Plan Drg 26.117-401 .	19.12m3		€
10.80	Reinforced Concrete Retaining Wall complete with Waterproof Membrane, Drainage Board, Perforated Land Drain, Geotextile Separation Membrane and free-draining Granular Backfill. Provide Hydrostatic Pressure Relief, Weep Holes and Inspection Access where required. Wall to be rendered after Completion. Construction to Eurocode 2, IS EN 206 and TGD A Structure. Waterproofing and drainage provisions to comply with TGD C. Refer to Refer to JRAs Foundation Plan Drg 26.117-401 as well as WL203 as shown in 2512-KLA-00-GF-DR-A-100 .	Conc Block Wall - Area = 47m2 Vol = 14.5m3.		€
100 Subtotal	SUBSTRUCTURE			€0.00
				Carried to Summary Sheet

200 STRUCTURE/PRIMARY ELEMENTS			
20 STEEL FRAME			
20.10	Erect new Structural Steel Frame Members; Steel Posts & Bracing in accordance with Refer to JRAs Roof Plan Drg 26.117-403 . Include for Restraining Blockwork Walls to new Steel Members as indicated.		€
21 EXTERNAL WALLS			
21.10	External wall comprising internally 215mm Dense Concrete Blockwork, Internal Skim Finish, Galvanised Support Rail system, and Cavity Fire Block-Top and Bottom of Cavity Vertical and as shown in the Drawings. 150mm Kingspan QuadCore KS1000RW Insulated Panel installed Vertically. Provide Cavity Barriers, Fire Stopping, Flashings, Vermin Mesh, Corner Trims, Closure Pieces, Stainless Steel Fixings and Weather Seals throughout. Colour to be Kingspan XL Forté. Colour/s to be confirmed. External Envelope to achieve Part L thermal performance requirements. Masonry to EN 771 and insulated panels to EN 14509. Installation to comply with TGD B, TGD C and TGD L - Conservation of Fuel and Energy. Refer to WL201 as shown in 2512-KLA-00-GF-DR-A-100 .	Conc Block Wall - Area = 336m2 Vol = 60m3. Kingspan Panels - Area = 658m2 Vol = 47m3	€
21.20	Allowance for DPCs to all Window and Door Opes and Precast Concrete Lintels. Lintels to be Killeshal 215x70mm Prestressed Lintels.		€
21.30	Include for all proprietary Kingspan Thermally Broken Head Adaptors at Window and Door Opes		€
22 PARTITIONS, INTERNAL WALLS			
22.10	Internal Blockwork Partition - WL101 as shown in 2512-KLA-00-GF-DR-A-100 - 100mm dense concrete blockwork partition wall complete with sand/cement plaster finish and low VOC paint finish both sides. Provide movement joints, fire stopping at head of wall and seal all service penetrations. Minimum 30-minute fire resistance rating. Masonry units to EN 771. Installation to comply with TGD B Fire Safety and TGD D Materials and Workmanship. Selected Paint to Blockwork. Note: this figure includes the 3 Variety of WL101 as shown in the Schedule in 2512-KLA-00-GF-DR-A-100 to account for the Internal Walls for the Office and UAWC.	Conc Block Wall - Area = 68m2 Vol = 7.59m3.	€
23 STRUCTURAL FLOORS, DECKING & BEAMS			
23.10	See 71.20 Below.		
24 STAIRCASES			
24.10	N/A		
25 ROOF STRUCTURE INCLUDING BEAMS			
25.10	Please refer to Structural Engineers Drawing 26.117-403 for details of Steel Metal Frame details for Walls and Roof Beams.		€
26 FRAMES & FIRE PROTECTION			
26.10	Please refer to Structural Engineers Drawing 26.117-403 for details of Roof Structure. (See above 27.10)		€
26.20	Allowance for intumescent paint coating to steel portal frame structure to achieve 60 mins fire rating. Ancillary certification to be provided for paint coating.		€
27 TESTING AND CERTIFICATION			
27.10	CE Certification to be provided for Structural Steel Frame		€
27.20	On Completion of the Building Fabric, The contractor is to carry out an Air Pressure Test to the new building with a target permeability of 3.5 m3/m2/hr. A test result above 5.0m3/m2/hr will Not be Acceptable and will require Contractors Remedial Measures.		€
200 Subtotal	STRUCTURE/PRIMARY ELEMENTS		€0.00
		Carried to Summary Sheet	

300 SECONDARY ELEMENTS/COMPLETION OF STRUCTURE			
31 SHOPFRONTS & ENTRANCES			
31.10 N/A			
32 WINDOWS			
32.10 Allow a PC Sum for the supply and installation of external windows and doors			€
32.20 Contractors markup profit and attendance on same			€
32.30 External Window System - WT01 as shown in 2512-KLA-00-ZZ-DR-A-500 . Supply and install complete thermally broken external window assembly including frame, insulated glazing unit, gaskets, seals, flashings, cavity closers, fixings and all ancillary components. Glazing to comprise double or triple glazed low-emissivity sealed units with argon-filled cavity and warm edge spacers. Provide safety glazing where required by Building Regulations. Window assembly to achieve a maximum U-Value of 1.4 W/m²K or better, or lower where required by project energy calculations. Installation to maintain weather tightness, airtightness, structural stability and thermal continuity throughout. Comply with TGD C Site Preparation and Resistance to Moisture, TGD D Materials and Workmanship, TGD L Conservation of Fuel and Energy and TGD M Access and Use.	WT01 - 1 no.		€
32.40 External Window System - WT02 as shown in 2512-KLA-00-ZZ-DR-A-500 . Supply and install complete thermally broken external window assembly including frame, insulated glazing unit, gaskets, seals, flashings, cavity closers, fixings and all ancillary components. Glazing to comprise double or triple glazed low-emissivity sealed units with argon-filled cavity and warm edge spacers. Provide safety glazing where required by Building Regulations. Window assembly to achieve a maximum U-Value of 1.4 W/m²K or better, or lower where required by project energy calculations. Installation to maintain weather tightness, airtightness, structural stability and thermal continuity throughout. Comply with TGD C Site Preparation and Resistance to Moisture, TGD D Materials and Workmanship, TGD L Conservation of Fuel and Energy and TGD M Access and Use.	WT02 - 1 no.		€
32.50 Internal Window System - IW01.A & B as shown in 2512-KLA-00-ZZ-DR-A-500 . Fire Rated Glazed Screen and Vision Panel System - Proprietary fire-tested glazing assembly complete with certified framing system, fire-resistant glazing, fixings, seals and intumescent components. Fire resistance rating and integrity period as indicated on drawings and fire strategy. Installation strictly in accordance with manufacturer's fire certification and tested details. Comply with TGD B Fire Safety and TGD D Materials and Workmanship	IW01.A & B - 1 no.		€
33 DOOR & WINDOW IRONMONGERY			
33.10 Included above and below.			
34 DOORS			
34.10 External Door System - DT02 as shown in 2512-KLA-00-ZZ-DR-A-500 . Supply and install complete thermally broken aluminium insulated external doorset including door leaf, frame, threshold, ironmongery, security hardware, weather seals, flashings, fixings and all associated accessories. Door assembly to provide weather resistance, airtightness, durability and thermal performance appropriate to the building use. Provide safety glazing to vision panels where required and accessible ironmongery in accordance with Part M. External door assembly to achieve a maximum U-Value of 1.4 W/m²K or better, or lower where required by project energy calculations. Installation to maintain continuity of insulation, airtightness and damp proofing. Comply with TGD B Fire Safety, TGD C Site Preparation and Resistance to Moisture, TGD D Materials and Workmanship, TGD L Conservation of Fuel and Energy and TGD M Access and Use.	DT02 - 1 no.		€

34.20 External Door System - DT01 as shown in 2512-KLA-00-ZZ-DR-A-500 -Supply and install complete thermally broken aluminium insulated external doorset including door leaf, frame, threshold, ironmongery, security hardware, weather seals, flashings, fixings and all associated accessories. Door assembly to provide weather resistance, airtightness, durability and thermal performance appropriate to the building use. Provide safety glazing to vision panels where required and accessible ironmongery in accordance with Part M. External door assembly to achieve a maximum U-Value of 1.4 W/m²K or better, or lower where required by project energy calculations. Installation to maintain continuity of insulation, airtightness and damp proofing. Comply with TGD B Fire Safety, TGD C Site Preparation and Resistance to Moisture, TGD D Materials and Workmanship, TGD L Conservation of Fuel and Energy and TGD M Access and Use.	DT01 - 1 no.	€
34.30 External Door System - DT03 as shown in 2512-KLA-00-ZZ-DR-A-500 . Insulated Industrial Roller Shutter Door - Proprietary electrically operated insulated steel roller shutter door complete with galvanised guides, weather seals, flashings, safety devices, controls and all associated fixings. Double-skin insulated steel curtain with corrosion resistant factory finish. Provide airtight and weatherproof installation. Door assembly to achieve a maximum U-Value of 1.5 W/m²K or better. Installation to comply with TGD B, TGD D and TGD L.	DT03 - 1 no.	€
34.40 Internal Door Set - ID01 & 02 as shown in 2512-KLA-00-ZZ-DR-A-500 and as shown as IDT/D04 & /D05 in 2512-KLA-00-ZZ-DR-A-100 . Supply and Install complete internal doorset comprising factory-finished timber door leaf, frame, architraves, hinges, handles, locks, stops, seals, fixings and all associated ironmongery. Provide vision panels (only for D04), kick plates, acoustic seals and fire-rated construction where required by the Fire Strategy drawings. Doors to be robust and suitable for educational and workshop environments. Installation to comply with TGD B Fire Safety, TGD D Materials and Workmanship and TGD M Access and Use.	ID01 & 02 - 1 no. each	€
34.50 Contractors markup profit and attendance on above		€
35 LINTELS, WEATHERSTRIPS, CAVITY CLOSERS		
35.10 Refer to Blockwork and 2512-KLA-00-ZZ-DR-A-100 , notice the Cavity Closer behind the Columns.		€
35.20 External window and door openings to be formed using proprietary cladding rails in accordance with system supplier instructions and steelwork as indicated by Structural Engineer		€
35.30 Suitable airtightness membrane Dupont Air Guard Supro/ Siga Majpell (or similar) to be applied to the underside of ceiling joists throughout, suitably taped to inner face of wall cladding on all sides, prior to installation of ceiling. All laps, penetrations and wall junctions sealed for air-tightness with suitable air-tightness tape (Tyvek Butyl tape or similar) with gromets and AT sealant applied to all ceiling and partition penetrations.		€
35.40 Air tight seal 210mm wide airtight vapour check membrane sealed to window frame with flexible corner sealing tape and sealed to existing blockwork with non aging flexible adhesive		€
35.50 All service penetrations to be air-sealed with gromets, top hat sections and/ or spray foam insulation		€

36 BUILDERS WORKS			
36.10 Builder's works and attendances arising from Fire Safety Cert Requirements ; Fire-stopping, Fire Alarm installation, etc			€
36.20 Builder's works and attendances arising from Plumbing Installation:			€
36.30 Builder's works and attendances arising from Electrical Installation			€
36.40 Builder's works and attendances arising from Mechanical Installation			€
300 Subtotal SECONDARY ELEMENTS/COMPLETION OF STRUCTURE			€0.00
			Carried to Summary Sheet
400 FINISHES TO STRUCTURE			
41 WALL FINISHES EXTERNALLY			
41.10 Refer to 21.10 above. Colour to be Kingspan XL Forté. Colour/s to be confirmed.			€
42 WALL FINISHES INTERNALLY			
42.10 Fairfaced 215mm Concrete Blockwork to be Painted.			Costed in Section 21.10
42.20 Fairfaced 100mm Concrete Blockwork to be Painted.			Costed in Section 22.10
42.30 Structural Plywood in the Booths to be Painted.			Costed in Section 71.10
42.40 75mmx 18mm Painted MDF architraves to all door opes and 150x18mm painted MDF skirtings to the Office area.			€
43 FLOOR FINISHES			
43.10 Apply a proprietary Dust Sealer to Powerfloated Floor once cured.	219m2		€
43.20 Install a non-slip R13 2.5mm homogenous vinyl floor covering to the disability toilet with coved skirting 125mm high to perimeter of room.	8m2		€
43.30 Install a 2.5mm homogenous reinforced Vinyl Floor covering to the Office area	11m2		€
43.40 Clear sealer to Plywood Floor of each Booth Space	Total = 63m2		€
44 STAIR FINISHES			
44.10 N/A			
45 CEILING FINISHES			
45.10 600x1200 Mineral Fibre Suspended Ceiling System to Office and Toilet Areas only	Area = 15m2		€
46 ROOF FINISHES, MEMBRANES, SCREEDS, UNDERLAYS			
46.10 Kingspan Insulated Roof - 150mm Kingspan QuadCore KS1000RW insulated roof panel system fixed to structural steel support system with integrated Kingspan Day-Lite Trapezoidal Rooflights where indicated. Provide all flashings, ridge details, rooflight trims, closure pieces, side laps, sealants, fixings and weatherproof junctions. Roof and rooflight systems to be installed as a complete proprietary assembly achieving required thermal, weathering and daylighting performance. Panel system to EN 14509. Installation to comply with TGD B Fire Safety and TGD L Conservation of Fuel and Energy. Colour to be Kingspan XL Forté. Colour/s to be confirmed. Please refer to RF.201 as shown in 2512-KLA-00-01-DR-A-101 .	Area = 254m2. Vol = 34.30m3		€
47 ROOF TILES			
47.10 N/A			
48 ROOF FINISHES, CLADDING			
48.10 See 46.10			
49 ROOF FINISHES, TRIMS & ACCESSORIES			
49.10 1.5mm pressed metal flashing to eaves, verges, barges and ridges internally and externally with XL Forte coating. Canister applied foam sealant to between flashings and air tightness tape/beading as per manufacturers details.			€
49.20 1.5mm pressed metal topline gutters 150mm wide and 100mm diameter downpipes to eaves gutters.			€
400 Subtotal FINISHES TO STRUCTURE			€0.00
			Carried to Summary Sheet

500 MECHANICAL SERVICES			
51 REFUSE DISPOSAL			
51.01 N/A			
52 DRAINAGE /WASTE DISPOSAL			
52.10 Supply and installation of all internal soils and wastes as per drawing number M003			€
52.20 Supply and installation of all Soil Vent Pipes as per drawing number M003			€
52.30 supply and instalation of all soils and wastes into Ajs as per drawing number M003			€
53 HOT AND COLD WATER			
53.10 New Water Service from the Existing Building as indicated in 2512-CCE-00-ZZ-DR-S002.			€
53.20 Supply & installation of Mains Water Distribution as per M001			€
53.30 Supply & Installation of Mains Water Distribution as per M001			
53.40 Supply & Installation of Cold Water Storage Tanks as per M001			€
53.50 Supply & Installation of Cold water Services Distribution as per M001			€
53.60 Supply & Installation of instantaneous Electric Hot Water Boiler as per M001			€
53.70 Supply & Installation of Hot water Distrubution as per M001			€
53.80 Supply & Installation of Thermostatic Mixing Valves as per M001			€
54 GAS, AIR, STEAM, REFRIGERATION			
54.10 Supply and installation of all External Oxygen & Acetylene Gas manifolds as per drawing number M004			€
54.20 Supply and installation of all internal Oxygen and Acetylene Gas pipelines as per drawing number M004			€
54.30 Supply and installation of all final branch connections and tap connections as per drawing number m004			€
56 SPACE HEATING			
56.10 Please Refer to Callisto Pricing Schedule & M&E Drawings			€
57 AIR CONDITIONING, VENTILATION			
57.10 Please Refer to Callisto Pricing Schedule & M&E Drawings - LEV system of workshop extract ventilation. 2512-CCE-00-ZZ-DR-M002			€
57.20 Supply and Installation of entire LEV Ductwork Flexi hoods as per Drawing M002			€
57.30 Supply and Installation of LEV Centifugal Fans as per Drawing M002			€
57.40 Supply & installation of Bathroom Extract fan as per drawing M002			€
58 Other Services			
58.10 Supply and installation of all Fire Extinguishers as per Drawing M005			€
58.20 Supply and installation of signage as per drawing M005			€
58.30 Supply and installation of all mounting clips as per drawing M005			€
500 Subtotal MECHANICAL SERVICES			
			€0.00
Carried to Summary Sheet			
600 ELECTRICAL WORKS			
61 ELECTRICAL SUPPLY, POWER WIRING, BOARDS & ACCESSORIES			
61.10 Please Refer to Callisto Pricing Schedule & M&E Drawings in 2512-CCE-00-ZZ-DR-E003			€
61.10 Connection to existing MDB in Banagher FET building			€
61.20 Supply and installation of ductwork to carry electrical cable from Banagher FET to Workshop as per Drawing S001			€
61.30 Connection into new SCB board in new workshop as per drawing S001			€
62 POWER			
62.10 Supply and installation of all cable trays, Cable trunking, Cables as per drawing # E003			€
62.20 Supply and installation of all 3 phase, single phase, 110V sockets as perr Drawing E003			€
62.30 Supply and installation of all fixed spurs in ceiling and booths as per drawing E003			€

63 LIGHTING & LIGHT FITTINGS			
63.10	Installation of all lighting circuits cabling as per drawing number E002		€
63.20	Supply and installation of all light fittings as per Drawing number E002		€
63.30	Supply and installation of Emergency Lighting Test panel as per drawing E002		€
64 COMMUNICATIONS			
64.10	Supply and installation of Cat 6 cable for linkage from main building to new fire alarm panel, Intruder alarm and comms		€
64.20	Connection of existing Fire Alarm, Intruder Alarm, comms to new systems within workshop		€
64.30	installation of interface to connect existing services to new services in workshop		€
68 SECURITY, CONTROL, OTHER SERVICES			
68.10	Supply & installation of new Fire alarm system as per drawing # E004		€
68.20	Supply & installation of New Fire Alarm Panel as per drawing # E004		€
68.30	Supply & installation of new Intruder Alarm panel as per drawing # E005		€
68.40	Supply & installation of intruder alarm sensors, connectors & sounders as per drawing # E005		€
68.50	Supply & installation of PV Panel system on Roof as per Drawing # S002		€
68.60	Supply & installation of 3 Phase inverter as per drawing # S002 (location to be determined)		€
68.70	Connection of AC System into new SDB board across 3 phases.		€
600 Subtotal ELECTRICAL WORKS			€0.00
		Carried to Summary Sheet	

700 FIXTURES, FITTINGS & FURNITURE			
71 WORKBOOTHES			
71.10 Training Booth Service Partition, JN201 as shown in 2512-KLA-00-ZZ-DR-A-300 . "Internal non-loadbearing partition, x2 20mm structural plywood sheathing as indicated.. Assembly intended for plumbing training environments and not as a fire-rated or structural wall system. Materials and workmanship to comply with TGD D Materials and Workmanship.	7 Items - Total 127m2		€
71.20 Training Booth 150mm Raised Platform Floor System, JN.101 as shown in 2512-KLA-00-ZZ-DR-A-300 . "Internal non-structural platform comprising treated timber joist framework with 20mm structural plywood deck fixed using countersunk corrosion-resistant screws. Provide perimeter noggings, restraint blocking, concealed fixings and smooth sanded finish ready for decoration or service installation. Assembly intended for plumbing training booth construction and not for use as a structural building floor. Materials and workmanship to complv with TGD D Materials and Workmanship.	7 Items - Total 63m2		€
71.30 Workbenches - Heavy Duty Steel Framed Work Benches 900mm x 2000mm x 900mm high with Box Steel Frame and 5mm Steel Plate Top. Each bench to be fitted with a Heavy Duty Vice. Benches to be Bolted Together and Earthed and 7 no Mid Screens 600mm high to be provided down the Centreline of the Benches.	14 no.		€
72 SANITARYWARE			
72.10 Supply and install proprietary Disability Toilet "Doc M Pack" complete with WC, WHB, contrasting Coloured Grab Rails both Fixed and Retracting as indicated in 2512-KLA-00-ZZ-DR-A-100 .	1no.		€
72.20 Supply and install Vanity Hand Wash Sinks in a compact Laminate Vanity unit as indicated in 2512-KLA-00-ZZ-DR-A-100 .	3no.		€
72.30 Supply and install a Stainless Steel Cool Down Sink as indicated in 2512-KLA-00-ZZ-DR-A-100 .	1no.		€
700 Subtotal FIXTURES, FITTINGS & FURNITURE			€0.00
	Carried to Summary Sheet		
800 EXTERNAL WORKS			
81 EXTERNAL WORKS MINOR BUILDINGS			
81.10 Relocate Maintaince Shipping Container to suggested location as indicated on the Site Plan. Location to be confirmed.			€
82 EXTERNAL DRAINAGE FITTINGS, FENCES & GATES			
82.10 External Metal Balustrade - BD.201 as shown on the Retaining Wall - Proprietary galvanised steel balustrade and handrail system complete with posts, rails, infill bars or mesh panels, base plates, brackets, fixings and all associated accessories. Steelwork to be hot-dip galvanised after fabrication and polyester powder coated where specified. Provide corrosion resistant fixings, concealed connections where possible and robust installation suitable for external exposure. Balustrade heights, openings and loadings to comply with TGD K Stairways, Ladders, Ramps and Guards and TGD M Access and Use. Structural steelwork to comply with EN 1090. Installation to comply with TGD D Materials and Workmanship.	Length = 24.7m		€
82.20 1.8m High Palisade Fencing and Gate around the Gas Cyclinder Enclosure as shown in 2512-KLA-00-GF-DR-A-100 .	Length = 8.5m		€
82.30 Connect to Existing Foul Sewer Draiage as indicated on 2512-KLA-00-00-DR-A-005			€
82.40 New Storm and Suface Water Drainage and new Storm Water Percolation Area as indicated on 2512-KLA-00-00-DR-A-005 .			€
82.50 Excavation and reinstatement of trench for new New Water Service from the Existing Building as indicated in 2512-CCE-00-ZZ-DR-S002 .			€
83 EXTERNAL WORKS ROADS, PATHS & PAVING			
83.10 External Footpath - 150mm reinforced concrete footpath comprising C30/37 concrete slab on minimum 300mm compacted Clause 804 hardcore sub-base. Provide brushed anti-slip finish, expansion joints at maximum 3m centres and falls away from building. Concrete to IS EN 206. Installation to comply with TGD C and TGD M Access and Use.	Area = 529m2 Volume = 79.4m3. Hardcore Vol = 159m3		€

83.20 Provide a new 200mm Reinforced Concrete Ramped Slab in front of the Roller Shutter Door to the new building with ACO Channel Drainage at the Threshold of the Doorway		€
83.30 Tarmacadam Reinstatement in Upper and Lower Yard Areas following Trenching for Foul and Storm Drainage. 80mm Tarmacadam with 150mm Lean Mix Backfill to Trenches.		€

84 EXTERNAL WORKS LIGHTING			
84.01 Please Refer to Callisto M&E Drawings and Pricing Schedule			€
85 BICYCLE SHELTER			
85.10 Excavate foundation and deposit material offsite. C20/25 Low Carbon Concrete to foundations. Formwork to sides of foundation base. Backfilling with Clause 804 hard-core. Bike Shelter: Length: 4130mm Width 2560mm Height 2275mm to front, 1925mm. Steel frame: 76mm diameter Hot dip galvanised steel.as per Architects Specifications; Bolted to Concrete Slab in accordance with manufacturers recommendations. Bike Stands: Supply and Fix – 48mm Dia Galvanised Steel Bicycle Stands as per Architects Specifications; Bolted to Concrete Slab in accordance with manufacturers recommendations. Location to be confirmed on site.	1 Item		€
86 LANDSCAPING			
86.10 Site Compound area to be made good. New Gravel and if a Ramp is needed is to be agreed On-site.			€
86.20 Rake level and Reseed Grass Area on Completion of the Percolation Area and Drainage.			€
87 CLEANING			
87.10 Provide Builders Clean + Contract Clean all rooms on Completion for			€
800 Subtotal EXTERNAL WORKS			€0.00
		Carried to Summary Sheet	



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2512 - Banagher FET Centre Plumbing Workshop

PRICING SUMMARY

Ref.	ELEMENT DESCRIPTION	€ Excl. VAT	
100	SUBSTRUCTURE	€	-
200	STRUCTURE/PRIMARY ELEMENTS	€	-
300	SECONDARY ELEMENTS/COMPLETION OF STRUCTURE	€	-
400	FINISHES TO STRUCTURE	€	-
500	MECHANICAL SERVICES	€	-
600	ELECTRICAL WORKS	€	-
700	FIXTURES, FITTINGS & FURNITURE	€	-
800	EXTERNAL WORKS	€	-
sub-total		€	-
PR	PRELIMINARIES	€	-
WR	WORKS REQUIREMENTS (All other Costs not obvious from Pricing Schedule)	€	-
TOTAL TENDER AMOUNT (EXCLUDING VAT)		€	-
		VAT	€ -
TOTAL OVERALL PRE-TENDER COST ESTIMATE INCL VAT		€	-