

**ST. MARY'S JUNIOR NATIONAL SCHOOL
BLESSINGTON,
CO. WICKLOW.
Y14 YH98.**

ROLL NUMBER: 17091A

**'VOLUME C1'
OF THE
WORKS SPECIFICATION**

PRICING SCHEDULE

TENDER ISSUE (T1)

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SECTION 1.0

TENDER RETURN

Tender & Schedule for: *St. Mary's Junior National School*

To: The Employer: *St. Mary's Junior National School*

Address of Employer: *Blessington, Co. Wicklow. Y14 YH98.*

For the Attention of: *Ms. Carmel Dillon*

Regarding: *Mechanical Works to St. Mary's Junior National School*

Date: _____

Sirs,

We have examined and understand the Contract, the Works Requirements, the Pricing Document, all as amended by any supplemental information, for the above contract. Terms used in this Tender that are defined in those documents have the same meaning in this Tender. We submit with this Tender the completed Form of Tender and Schedule and Works Proposals, which form part of this Tender.

We have examined and understood the Conditions of the Short Public Works Contract and the documents listed in the attached schedule. We offer to complete the works on the terms of and in conformity with that contract for the fixed lump sum of

<u>Euro including VAT</u>

as adjusted in accordance with the contract.

If included in the attached schedule or elsewhere in the attached documents, we also offer to accept appointment as project supervisor for the construction stage on terms required by the Contract if appointed as Contractor for the Works.

In consideration of you providing us with the contract documents, we agree not to withdraw this offer until the latest of:

- 90 days after the end of the last day for submission of this Tender
- Expiry of at least 21 days written notice to terminate this Tender given by us, which may not issue prior to the expiry the period at (a).

Your acceptance of this Tender within that time will result in the Contract being formed between us.

We agree that you are not bound to accept the lowest or any tender you may receive.

Is sinne, le meas

Signature of Authorised Person _____

Name in capitals _____

Title _____

On behalf of

Tenderer's name in full _____

Postal Address _____

In the presence of

Name of Witness _____

Signature of Witness _____

Witness's Occupation _____

Witness's Address _____

TENDER ACCEPTED

Signed on behalf of the Employer

*Signature of an officer authorised
To sign contracts on behalf of the
Employer* _____

Name in Capitals _____

Title _____

Date _____

SECTION 2.0 SCHEDULE

Clause

1.1	<u>Employers Representative:</u>	Galileo Energy Services
	<u>Time for Completion:</u>	333 days starting from the 28 th September 2026.
1.3	<u>Other documents in the Contract:</u>	See document register for all tender documents.
2.6	<u>Rate of Liquidated Damages:</u>	€500 per week.
2.8	<u>Weather Station:</u>	Dublin Airport.
3.15	<u>Defects Certificate issued:</u>	The Employers Representative will issue the Defects Certificate between 12 and 13 months after the date for which it was certified that the Works were substantially complete.
4.1	<u>Interim Payment:</u>	Monthly, 90% of the value of Works completed and materials delivered to the Site with title vested in the Employer to the Employer's satisfaction
	<u>Percentage of price to be paid after the Employer certifies the works are substantially complete:</u>	96%
4.2	<u>Time for Payment</u>	10 days after Employer receives invoice for certified sum
10.3	<u>Minimum indemnity limit for Public Liability Insurance:</u>	€6,500,000 for any one event.
	<u>Minimum indemnity limit for Employers Liability Insurance:</u>	€13,000,000 for any one event.
	<u>Maximum levels of excess for:</u>	
	▪ <i>Insurance of the Works and goods and materials</i>	€10,000 for any one event.

for the works:

- *Public Liability
(Property Damage):* €6,500 for any one event.
- *Public Liability
(Death, illness or injury):* No excess
- *Employers Liability :* €6,500 for any one event.

12.3 Rate of Retention: 8%

Percentage of the unpaid portion
Of the Price to be paid if Employer
Terminates, clause 12 does not
apply, and Employer appoints
another Contractor within
12 months. 4%

14 Project Supervisor: The Successful tendering Contractor

15 Body to appoint Conciliator,
if not agreed: Engineers Ireland

SECTION 3.0 PRELIMINARIES

The attendance's to be provided by the Contractor are listed in the main contract preliminaries. The Contractor shall include below for all other preliminary items required for the satisfactory completion of the installation. Unless the tenderer specifically notes an amount of money or "not included" after each of the Preliminary items, it shall be taken by default that any costs associated with these items are included in the totalled tender figure:

Ref:	Description	Amount € EURO
2.1	Plant, tools. Ladders, vehicles, temporary buildings and any other support facilities required.	€
2.2	Scaffolding, access platforms, hoisting	€
2.3	Health, safety, welfare and training of personnel	€
2.4	Requirements of local authorities and others having jurisdiction; police regulations, customs duties/levies	€
2.5	Setting out, supervision and programming	€
2.6	National insurance and pensions for personnel; holidays, incentive bonus; transfer of personnel; country money.	€
2.7	Safeguarding the works, materials (including Employer's materials) and plant against damage left.	€
2.8	Maintenance of existing buildings, facilities, roads and repair of damage done by this Contractor	€
2.9	Water, power and light for works, to extent required	€
2.10	Temporary lighting in the attic space for the installation of the pipework in the attic.	€
2.11	Insurances	€
2.12	Preparation of working drawings	€
2.13	Builders work drawings, setting out and supervision of associated builders work activities	€
2.14	Labelling; provision of operating and maintenance manuals; as-built drawings; commissioning data records, instructing and training employer's representatives	€
2.15	Provision of temporary site toilets on site and the provision of water and drainage to these toilets.	€
2.16	All attendances for the implementation of all measures to reduce the spread of COVID-19 in the workplace as highlighted in the Governments 'Return to Work Safely Protocol'. Including hygiene, access management, materials procurement and delivery, work sequencing, work practices, etc.	€
Sub total 'Preliminaries' to Summary (Section 6)		€

SECTION 4.0 TENDER BREAKDOWN

Please note that for tendering purposes it is necessary that the Contractor shall fill out the tender return with the breakdown costs identified.

Please note failure to comply with this instruction will render your tender in valid.

Ref:	Description	Amount € (Euros)
GENERAL		
Item	Site visit	€
Item	Builders work and attendances (Refer for Section 5.0 below for a list of builders work attendances to be priced)	Insert cost for this item in 'Section 6' below
Item	Cleaning	€
Item	Co-ordination	€
Item	Project Supervisor Construction Stage (PSCS)	€
Item	O&M manuals	€
Item	Timescale and working hours	€
Item	Working hours	€
	Other	
	Sub-Total for 'General' carried forward to 'Summary Section 6'	€
(51) MECHANICAL WORKS		
51.01	Survey of the existing heating centre in the boilerhouse and the existing space heating installation in the building	€
51.02	Decommissioning of the existing mechanical services and plant installed in the existing boilerhouse	€
51.03	Internal gas pipework in the boilerhouse	€
51.04	Gas isolation valves	€
51.15	Gas detection system	€
51.06	New gas boilers and low loss header in the boilerhouse	€

Ref:	Description	Amount € (Euros)
51.07	Flues for the new boilers	€
51.08	Condensate pipework from the new boilers and flues in the boilerhouse	€
51.09	Condensate neutraliser	€
51.10	LPHW Pipework, fittings, valves and accessories in the boilerhouse	€
51.11	Insulation on LPHW pipework and water services pipework in the building	€
51.12	Pressurisation unit and expansion vessels in the boilerhouse	€
51.13	Plate heat exchanger	€
51.14	Dirt separator with magnet on return header to the low loss header after plate heat exchanger	€
51.15	Dirt separator with magnet on return pipework from the return header back to buffer vessel	€
51.16	Air separator on main flow header from the low loss header	€
51.17	Circulating pumps in the boilerhouse	€
51.18	Dosing pot in the boilerhouse	€
51.19	Frost heater in the main boilerhouse	€
51.20	Flush out, pressure test and corrosion inhibitor in the boilerhouse	€
51.21	Fire extinguishers in the boilerhouse	€
51.22	Pressure test of all new pipework in the boilerhouse	€
51.23	Drain down of existing heating system and re-fill	€
51.24	Testing of water	€
51.25	Existing MCC controls panel in the boilerhouse	€
51.26	New MCC controls panel to be installed in the boilerhouse	€
51.27	Decommissioning of the existing space heating installation throughout the building	€
51.28	Cutting of the existing pipework coming out of the ground to the existing radiators	€
51.29	Steel panel radiators	€
51.30	LPHW Pipework and pipework supports for space heating in the building	€

Ref:	Description	Amount € (Euros)
51.31	Radiator valves	€
51.32	Two-port valves & associated thermostat	€
51.33	Thermostatic radiator valves	€
51.34	Flush out and pressure test all new pipework installed in the building	€
51.35	Commissioning of new heating system in the boilerhouse and the building	€
51.36	Taking down of the existing suspended ceiling in parts of the building	€
51.37	Removal of asbestos containing materials	€
51.38	Other	
a.		
b.		
c.		
	Sub-Total for 'Section 51 - Mechanical Works' carried forward to 'Summary Section 6'	€
(61) ELECTRICAL WORKS		
61.01	General electrical specification	€
61.02	Cable carrier	€
61.03	Sub-mains cable to the new MCC controls panel for the boilerhouse	€
61.04	Attendances to the MCC controls panel in the boilerhouse	€
61.05	Testing and commissioning	€
61.06	Cabling, wiring and cable sizes	€
61.07	Attendances to the gas detection system in the boilerhouse	€
61.08	Fire alarm works to the boilerhouse	€
61.09	Decommissioning of the existing electrical installation in the boilerhouse	€
61.10	Attendances to the two-port valves and local room stats	€
61.11	Modifications to the existing main electrical board	€
61.12	Electrical panel heaters	€

Ref:	Description	Amount € (Euros)
61.13	Light fitting in boilerhouse	€
61.14	Relocation of some existing electrical sockets	€
61.15	Other	
a.		
b.		
c.		
	Sub-Total for 'Section 61 – Electrical Works' carried forward to 'Summary Section 6'	€

SECTION 5.0 BUILDERS WORK ATTENDANCES SCHEDULE

All builders work associated with the execution of the works shall be carried out under this contract by the Contractor. The appointed Contractor shall be completely responsible for all builder's work associated with the project.

The Contractor shall provide the following for the following as appropriate.

Unless the tenderer specifically notes an amount of money or "not included" after each of the items, it shall be taken by default that any costs associated with these items are included in the total tender figure:

Ref	Qty.	Unit	Description	Size	Amount
5.01	6no	Item	Allow for manual handling of all boiler plant, pipework, controls, equipment into boilerhouse and all necessary decommissioned plant from the boilerhouse.	Weight 100kg	€
5.02	10no	1 off	Handling/Lifting of mechanical items and lifting into place.	Max approx. weight 50 kg	€
5.03	1no	1 off	The existing flue from the boiler shall be cut and removed. The Contractor shall allow for sealing the ope that will be left in the masonry chimney in the boilerhouse and in the chimney after the flue is removed. In order to seal up, allow for the supply and installation of a galvanised steel plate over the ope in the chimney in the boilerhouse. Allow for sealing around the plate to ensure it is properly sealed.	Plate size shall be 500mm x 500mm	€
5.04	1no	1 off	Decommissioning and removing the existing concrete plinths that were in place for the existing oil boiler. The existing plinth shall be broken out and removed and the floor finished when the plinth are removed.	Size of concrete plinth is 1000mm long by 1000mm wide by 100mm high.	€

Ref	Qty.	Unit	Description	Size	Amount
5.05	150	1 off	Opening through internal walls for mechanical and electrical services at high level in the building Blockwork thickness approx. 200mm. Include for the following works: * Drilling opes/cores for services * Filling in opes/cores and fire-sealing opes to ensure they are fire-proofed. * Painting the new plasterwork to match the existing paint finish on the wall (include for a white paint colour for tendering purposes)	Ope size 150mm wide x 150mm high	€
5.06	60	1 off	Opening through internal walls for mechanical and electrical services at high level in the building Blockwork thickness approx. 200mm. Include for the following works: * Drilling opes/cores for services * Filling in opes/cores and fire-sealing opes to ensure they are fire-proofed. * Painting the new plasterwork to match the existing paint finish on the wall (include for a white paint colour for tendering purposes)	Ope size 250mm wide x 150mm high	€
5.07	30	1 off	Opening through internal ring beams for mechanical and electrical services at high level in the building Ring beams thickness approx. 200mm. Include for the following works: * Drilling opes/cores for services * Filling in opes/cores and fire-sealing opes to ensure they are fire-proofed. * Painting the new plasterwork to match the existing paint finish on the wall (include for a white paint colour for tendering purposes)		

Ref	Qty.	Unit	Description	Size	Amount
5.08	10	1 off	Opening through internal walls for mechanical and electrical services at high level in the building Blockwork thickness approx. 200mm. Include for the following works: * Drilling opes/cores for services * Filling in opes/cores and fire-sealing opes to ensure they are fire-proofed. * Painting the new plasterwork to match the existing paint finish on the wall (include for a white paint colour for tendering purposes)	Ope size 300mm wide x 150mm high	€
5.09	110	Item	Allow for manual handling of all new radiators and existing radiators	Max weight 50kg	€
510	350	metre	Painting of surface mounted galvanised steel conduit drops. Maximum diameter 20mm. Allow for painting the conduit with two coats of paint. Colour shall match the colour of paint on the walls (For tendering purposes allow for a white paint). Also, allow for priming the conduit before painting.	350metres of galvanised steel conduit. Conduit size is 20mm diameter	€
5.11	400	metre	Painting of surface mounted electrical tray in the existing school building. Tray shall be wire brushed, primed and painted with two coats of white paint . Colour to be confirmed on site.	Tray size 150mm wide by 50mm high	€

Ref	Qty.	Unit	Description	Size	Amount
5.12	1200	metre	Painting of the gun-barrel steel flow and return heating services pipework in the building. Maximum diameter 65mm. Allow for painting the pipework with two coats of paint. Colour shall match the colour of paint on the walls (For tendering purposes allow for a white paint). Also, allow for priming the pipework before painting.	1200metres of gun-barrel steel pipework. Maximum pipe size is 50mm	€
5.13	30	1 off	Some existing gun barrel steel pipework at low level in the building shall be cut and removed. The Contractor shall allow for the following works in order to remove and seal the pipework: * Draining the existing pipework. * Cutting the existing steel pipework as close as possible to the floor. * Filling in the existing pipework with expanding foam or concrete.	Maximum pipe size is 80mm diameter	€
5.14	90	1 off	All works involved in decommissioning, dismantling and removing from site of the existing steel radiators in the building.	Maximum size of radiators is 3000mm long by 500mm high by 100mm deep	€
5.15	1	Item	The Contractor shall allow for the provision of the necessary scaffolding, ladders, platforms, etc. for the installation of the new internal heating services pipework in the building.		€

Ref	Qty.	Unit	Description	Size	Amount
5.16	90	1 off	Painting of wall in the existing building once the existing radiators are removed. Allow for painting the wall with two coats of paint. Colour shall match the colour of paint on the existing walls (For tendering purposes allow for a white paint).	Allow for painting 2500mm wide by 600mm for each radiator (90no in total)	€
5.17	20	1 off	Allow for full protection of existing floors whilst works are being carried out. Allow for laying 9mm shuttering plywood on the floors where works are being completed so that the floors are not damaged by ladders, materials, items falling, etc. (Note:- any damage to existing finishes will be repaired at the Contractors expense).	Plywood size 2440mm by 1220mm by 9mm thick	€
5.18	-	-	Cutting of the existing pipework coming out of the ground to the existing radiators. Refer to section 51.28 in the 'Volume A2 – Particular Works Specification' for specific details.	-	Insert the cost for this item under section 51.28 in the Page 10 above.
5.19	30	1 off	Allow for supplying and fitting a protective cotton dust sheet over all existing interactive white board and smart screen units in Classrooms/Offices to protect from accidental damage and ingress of dust during the upgrade works.	Sheeting size 3.7metres by 2.7metres	€

Ref	Qty.	Unit	Description	Size	Amount
5.20	1	1 off	The Contractor shall allow for the provision of the necessary skips during the construction period for the removal from site of decommissioned items and rubbish. The Contractor shall adhere to current Health and Safety requirements in order to dispose of the materials.		€
5.21			Other items not specifically mentioned in the above sections, which the Contractor deems necessary for the satisfactory completion of the works.		€
a.					
b.					
c.					
			Sub-Total for 'Section 5 - Builders Works Attendances' carried forward to 'Summary Section 6'	€	

SECTION 6.0 SUMMARY OF PRICES

Ref:	Description	Amount €
	Sub-total ' <i>Preliminaries</i> '	€
	Sub-total ' <i>General</i> '	€
	Sub-total ' <i>Section 51- Mechanical Works</i> '	€
	Sub-total ' <i>Section 61- Electrical Works</i> '	€
	Sub-total ' <i>Section 5 - Builders Work Attendances</i> '	€
	Nett Total Fixed price (excluding VAT)	€
	V.A.T. @ 13.5% on _____	€
	V.A.T. @ 23% on _____	€
	Total Amount of Tender (Fixed Price)	€

Notes:

1. *Fixed price contract. This contract will be treated as a fixed price contract.*
2. *Complete this tender and forward the completed tender breakdown to the address as listed on the 'Instructions to Tenderers' document or 'Invitation Letter' before the stated deadline.*
3. *Please note failure to comply with this instruction will render your tender in valid.*