



Galileo Energy Services

Unit A6, M4 Business Park,
Celbridge, Co. Kildare.
Tel: 01-6274103
www.galileoenergy.ie

**KILMACANOGUE NATIONAL SCHOOL
KILMACANOGUE,
BRAY,
CO. WICKLOW.
A98 N602**

ROLL NUMBER: 18365Q

MECHANICAL SERVICES SPECIFICATION

VOLUME 2

MECHANICAL PRICING DOCUMENT

TENDER ISSUE (T1)

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SECTION 1.0

MECHANICAL PRICING DOCUMENT

Tender for: Kilmacanogue National School, Kilmacanogue,
Bray, Co. Wicklow.

To: _____

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 Pricing Document and Schedule and Works Proposals, which form part of this Tender.

I/We hereby undertake to execute and complete the whole of the works described in the tender documents and to comply with the conditions thereof for the fixed price of:

(Euros) €.....

(In words).....

Tendering Company Information

Name of Tenderer _____

Address _____

Signed _____

Date _____



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SECTION 2.0 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	€
2.09	Insurances	€
2.10	Preparation of working drawings	€
2.11	Builders work drawings, setting out and supervision of associated builders work activities	€
2.12	Labelling; provision of operating and maintenance manuals; as-built drawings; commissioning data records, instructing and training employer's representatives	€
2.13	Any other items deemed necessary	€
a.		
b.		
c.		
	Sub total 'Preliminaries' to Summary of Prices in Section 4	€



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SECTION 3.0 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 for the necessary items. Please note failure to comply with this instruction will render your tender in valid.

Ref:	Description	Amount € (Euros)
	GENERAL	
Item	Building control regulations	€
Item	Builders work	€
Item	Co-ordination	€
	Other	
a.		
b.		
	Sub-Total for 'Section 50' carried forward to Summary of Prices in Section 4	€
M50.0	SITE SERVICES	N/A
M50.01	Liquified Petroleum Gas (LPG) Installation	€
M50.02	Underground gas pipework	€
M50.03	External overground gas pipework	€
M50.04	Existing oil tank and oil line	€
M50.05	Other	
a.		
	Sub-Total for 'General' carried forward to Summary of Prices in Section 4	€
M51.0	HEATING CENTRE	
M51.01	Survey of the existing mechanical installation	€
M51.02	Existing oil burner and oil boiler	€
M51.03	Existing oil line	€
M51.04	New gas boiler	€
M51.05	Flue for the new boiler	€



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Ref:	Description	Amount € (Euros)
M51.06	LPHW Pipework, fittings, valves and accessories in the boilerhouse	€
M51.07	Insulation in the boilerhouse	€
M51.08	Commissioning	€
M51.09	Pressure test	€
M51.10	Flush out, pressure test and corrosion inhibitor	€
M51.11	BMS controls in the existing boilerhouse	€
M51.12	Other	
a.		
b.		
	Sub-Total for 'Section 51' carried forward to 'Summary Section 4'	€
M52.0	DRAINAGE AND REFUGE DISPOSAL	
M52.01	Soils and wastes pipework	
a.	Supply and installation of all uPVC soils and waste pipework for the toilet areas	€
b.	Supply and installation of all cleaning eyes and access points on uPVC waste pipework	€
c.	Supply and installation of all uPVC soil vent pipes including weathering sleeve and vermin guard	€
M52.02	Connection to equipment	€
M52.03	Insulation on waste pipework	
a.	Supply and installation of insulation on all uPVC pipework in the ceiling void, box-outs, service risers, etc.	€
M52.04	Other	
a.		
b.		
	Sub-Total for 'Section 52' carried forward to 'Summary Section 4'	€
M53.0	WATER SERVICES	
M53.01	Internal mains water services pipework and installation	



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Ref:	Description	Amount € (Euros)
a.	Supply, installation, testing and commissioning of all mains water services pipework throughout the new extension. Includes bracketing and supports.	€
b.	Supply and installation of all local ballofix valves and isolation valves on the mains water pipework	€
M53.02	Cold water services pipework and installation	
a.	Supply, installation, testing and commissioning of all cold water services pipework throughout the new extension. Includes bracketing and supports.	€
b.	Supply and installation of all local ballofix valves and isolation valves on the cold water pipework	€
M53.03	Hot water services supply pipework and installation	
a.	Supply, installation, testing and commissioning of all hot water supply pipework throughout the new extension. Includes bracketing and supports.	€
b.	Supply and installation of all local ballofix valves and isolation valves on the hot water pipework	€
M53.04	Insulation on water services pipework	
a.	Supply and installation of insulation on the internal mains water services pipework installation in new extension.	€
c.	Supply and installation of insulation on the cold water services pipework installation in the new extension.	€
d.	Supply and installation of insulation on the hot water supply pipework installation in the new extension.	€
M53.05	Connection to equipment and sanitary ware	€
M53.06	Thermostatic mixing valves	€
M53.07	Control valves and ballofix valves	€
M53.08	Pressure test	€
M53.09	Sterilisation of the water tank and water system	€
M53.10	Sanitary ware	
M53.13	Other	€



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Ref:	Description	Amount € (Euros)
a.		
	Sub-Total for 'Section 53' carried forward to 'Summary Section 4'	€
M54.0	GAS SERVICES	
M54.01	External underground gas pipework	€
M54.02	External overground gas pipework	€
M54.03	Internal gas pipework in the existing building	€
M54.04	Isolation valves	€
M54.05	Gas detection system for the boilerhouse	€
M54.06	Other	
a.		
	Sub-Total for 'Section 54' carried forward to 'Summary Section 4'	€
M55.0	COOLING SYSTEMS	N/A
M56.0	SPACE HEATING INSTALLATION	
M56.01	Radiators	€
M56.02	LPHW pipework and pipework supports	€
a.	Supply, installation, testing and commissioning of all LPHW heating pipework in the new extension of the building. Includes bracketing and supports.	€
b.	Painting of all LPHW heating services pipework in the new extension of the building.	€
c.	Supply and installation of all automatic air-vents in the new extension of the building.	€
d.	Supply and installation of all circuit valves in the new extension of the building.	€
e.	Supply and installation of all commissioning valves and regulating valves in the new extension of the building.	€
f.	Supply and installation of all strainers in the new extension of the building.	€
g.	Supply and installation of all labelling on the pipework in the new extension of the building.	€



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Ref:	Description	Amount € (Euros)
h.	Expansion loops on heating pipework.	€
M56.03	Insulation	€
M56.04	Radiator valves	€
M56.05	Two-port valves and associated thermostat	€
M56.06	Flush out and pressure test	€
M56.07	Commissioning	€
M56.08	Other	€
a.		
b.		
	Sub-Total for 'Section 56' carried forward to 'Summary Section 4'	€
M57.0	MECHANICAL VENTILATION	
M57.01	Extract ductwork for the toilet areas	€
M57.02	Galvanised sheet metal ductwork	€
M57.03	Flexible ducting	€
M57.04	External louveres	€
a.	Supply and installation of all external louveres	€
b.	Spraying painting of all external louveres	€
M57.05	Extract fans	€
M57.06	Volume control/balancing dampers	€
M57.07	Labelling and identification	€
M57.08	Commissioning	€
M57.09	Other	
a.		
b.		
	Sub-Total for 'Section 57' carried forward to 'Summary Section 4'	€
M58.0	PROTECTIVE SERVICES	
M58.01	Fire extinguishers	€



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Ref:	Description	Amount € (Euros)
a.	Supply and installation of all 6litre foam fire extinguishers (Type A)	€
b.	Supply and installation of all 6litre dry powder fire extinguishers (Type B)	€
M58.02	Other	
	Sub-Total for 'Section 58' carried forward to 'Summary Section 4'	€
M59.0	COMMISSIONING, INSTRUCTION TO CLIENT AND HANDOVER	
M59.01	Commissioning of systems	€
M59.02	O&M Manuals	€
	Sub-Total for 'Section 59' carried forward to 'Summary Section 4'	€



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SECTION 4.0

SUMMARY OF PRICES

Ref:	Description	Amount €
	Sub-total for 'Preliminaries'	€
	Sub-total for 'General'	€
	Sub-total for 'Section M50'	€
	Sub-total for 'Section M51'	€
	Sub-total for 'Section M52'	€
	Sub-total for 'Section M53'	€
	Sub-total for 'Section M54'	€
	Sub-total for 'Section M55'	N/A
	Sub-total for 'Section M56'	€
	Sub-total for 'Section M57'	€
	Sub-total for 'Section M58'	€
	Sub-total for 'Section M59'	€
Total Amount of Tender (Fixed Price)		€
<i>Forward cost to Main Contractor for inclusion in their Pricing Document'</i>		

Notes:

1. Fixed price contract. This contract will be treated as a fixed price contract.
2. Complete this tender and ensure that the total figure above is included in the Main Contractors – 'Pricing Document'.
3. Please note failure to comply with this instruction will render your tender in valid.