

EMERGENCY WORKS SCHEME – HEATING UPGRADE AT BRIDGETOWN
COLLEGE, BRIDGETOWN, CO WEXFORD

SCHEDULE OF PRICES – MECHANICAL SERVICES INSTALLATION WORKS

Item	Description	€
General Items: Mechanical		
1.	Provide for insurance in accordance with the General Condition of Contract.	
2.	Provide for marking out and supervision of all Builders Work.	
3.	Provide for shop drawings.	
4.	Provide for record drawings	
5.	Provide for instruction/maintenance manuals.	
6.	Provide for assistance to Electrical Contractor for provision of wiring Diagram's etc, of equipment, supplied under this contract.	
7.	Provide for instruction of clients staff in use of apparatus.	
8.	Provide for ladders, tools, etc.	
9.	Provide for keeping site clear of rubbish at all times.	
10.	Provide for maintaining a competent foreman on site.	
11.	Provide for programming of works and review of same.	
12.	Amount for complying fully with Safety, Health, Welfare & Environmental Issues.	
13.	Provide for maintaining portable type fire extinguishers on site during the course of the works and complying with Clause on "Hot Work".	
14.	Provide for all tests as specified.	
15.	Amount for site measures required in response to Covid19, those as outlined by the Construction Industry Federation, and the H.S.A.	
16.	Amount for any other item not included in the above, but which in the opinion of the contractor tendering is necessary for the satisfactory completion of the contract. (Give Details)	
		
		
		
	Total For General Items	€
	Carried forward to summary	=====

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Item	Description	€
Element (51) : Heating Centres		
1.	Amount for the supply and installation of new L.P.G gas boilers, as specified,	
2.	Amount for new header in heating centre, as detailed	
3.	Supply and install the new energy efficient variable speed twin head heating circulation pumps as specified	
4.	Supply and install the new pressurisation unit and expansion vessel as specified.	
5.	Modifications to existing boiler room MCC control panel and all associated controls to accept new system installation as detailed.	
6.	Supply and install the 2 stage frost protection temperature probes, and associated temperature sensors and controls as specified	
7.	Amount for control valves, isolating valves, and non-return valves for boiler-house pipework as specified, supplied and installed.	
8.	Amount for drain down cocks and air vents, as specified, supplied and installed.	
9.	Amount for commissioning of automatic control equipment by specialist suppliers and for commissioning certificate to be handed over to the Engineers.	
10.	Amount for insulation of all pipework as specified, supplied and installed.	
11.	Amount for all boiler-house tests and commissioning, as specified.	
12.	Amount for painting/labelling all boiler-house equipment valves, etc., as specified.	
13.	Amount for chemical dosing of system	
14.	Amount for new flueing systems complete	
15.	Allow for client staff training and demonstration of the upgraded heating system and controls systems.	
16.	Amount for decommissioning, disconnection and removal off site of existing obsolete plant, boiler flues, storage, pipework, controls etc as shown.	
17.	Amount for any other item not included in the above, but which in the opinion of the Contractor tendering is necessary for the satisfactory completion of the Contract. (Give Details)	
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Total for Element (51) : Heating Centre		€
Carried forward to summary		=====

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Item	Description	€
<u>Element (54) : Gas Services</u>		
1.	Allow for liaison with L.P. Gas Supplier and attendances as required to provide Charging of the system.	
2.	Amount for P.E. gas services between the storage tanks and the boiler room, as shown.	
3.	Amount for all internal gas pipework, fittings and supports etc. as indicated on Drawings, supplied and installed including connecting to equipment.	
4.	Supply and install the slam shut valve at the gas pipe entry point to Plant room as specified, including cage to around the gas I.V. and Emergency shut off valve	
5.	Supply and install the boiler room gas leak detection system and accessories as specified	
6.	Allow for painting of internal gas pipe work yellow and marker tape minimum every two meters as specified.	
7.	Amount for control valves as indicated on the drawing and as specified, supplied and installed.	
8.	Amount for testing and commissioning as specified.	
9.	Amount for painting as specified.	
10.	Allow for demonstration and instruction of client staff in the proper operation of the gas services systems and gas leak detection and slam shut valve systems at time of practical completion.	
11.	Amount for any other item not included in the above, but which in the opinion of the contractor tendering is necessary for the satisfactory completion of the contract. (Give Details)	
Total for Element (54) : Gas Services		€
<i>Carried forward to summary</i>		=====

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Item	Description	€
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Element (59) : Electrical Works

1. Trace, isolate, and disconnect the existing electrics in the respective boiler rooms and strip out and dispose of to a licenced WEEE facility.
2. Supply and installation of the main runs of galvanised steel cable trays and trunkings cable containment and final conduit drops for Low Voltage power cables and extra low voltage control cables as specified.
3. Allow for works in modifying existing Boiler Room MCC and all new wall mounted stats and controls supplied by the mechanical / controls contractor.
4. Supply and install control / sensor cables from the Boiler Room MCC to the new sensors and controls in the boiler room as specified.
5. Amount for interfacing the gas system with the existing fire detection and alarm system installed within the school
6. Allow for Earthing & Bonding of the upgraded heating and electrical installations to current IS 10101 standard as specified.
7. Allow for Testing, Commissioning and Certification of the electrical services.
8. Allow for client staff training and demonstration on the upgraded electrical and controls systems as specified.
9. Amount for any other item not included in the above, but which in the opinion of the contractor tendering is necessary for the satisfactory completion of the contract. (Give Details)

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Total For Element (59) : Electrical Works
Carried forward to summary

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Item	Description	€
<i>Element (59A) : Builders Works</i>		
1.	Amount for disconnection and removal of obsolete piped services.	
2.	Amount for forming opes in existing structure and sealing once pipe sleeves are installed.	
3.	Amount for painting of new piped services as specified.	
4.	Supply and installation of wall plates to surround new pipe work through walls.	
5.	Amount for general attendances in clearing up during the works.	
6.	Amount for site trenching and reinstatement works to match existing as detailed .	
7.	Amount for base and enclosure associated with the L.P.G. storage tanks, as specified,	
8.	Amount for any other item not included in the above, but which in the opinion of the contractor tendering is necessary for the satisfactory completion of the contract. (Give Details)	
		
		
		
Total For Element (5-) : Builders Works (Carried Forward to Summary)		€
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Summary of Prices – Mechanical Services Installations

General Items;	€
Element (51) : Heating Centre	€
Element (54) : Gas Services	€
Element (59) : Electrical Works	€
Element (59A) : Builders Works	€

<i>NET TOTAL:</i>	€ =====
 Add VAT @ 13.5%	 €
 Gross Total	 € _____

EMERGENCY WORKS SCHEME – HEATING UPGRADE AT BRIDGETOWN COLLEGE, BRIDGETOWN, CO WEXFORD

SCHEDULE OF DAYWORK RATES:

ITEM:

RATE PER HOUR:

1. LABOUR: Normal working hours.

Production Time.

Wages for workmen(current at date of tender)
shall include for wages, bonus, travelling
allowance, tool allowance and all prescribed
payments.

FOREMAN _____

CHARGEHAND _____

PLUMBER/HEATING TRADE _____

2ND YR APPRENTICE _____

3RD YR APPRENTICE _____

4TH YR APPRENTICE _____

LABOURER _____

ELECTIRCIAN _____

2. Percentage additional on labour to cover the profit, all insurance's holiday pay subsistence, transport and all other overheads including site supervision, but the time of the foreman or chargehands working with their gangs will be paid for as workmen. % addition

3. LABOUR: Non-Productive Time: % addition

Percentage required for overheads, etc., on non-productive time if overtime is sanctioned for the completion of dayworks (% added to No. 1 above).

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4. MATERIALS:

Percentage addition to the cost of the materials
delivered to the site to cover head office charges
profit delivery to site and all other overheads.

NOTE:

The cost of material means the invoiced price of _____ % addition
materials, including delivery to site.

Material: Nett Cost Plus _____

Carriage: Nett Cost Plus _____

NAME OF CONTRACTOR: _____

ADDRESS: _____

DATE: _____