

DUBLIN DUN LAOGHAIRGE ETB - CASTLEKNOCK COMMUNITY COLLEGE,
CARPENTERSTOWN ROAD, CASTLEKNOCK, DUBLIN 15
E.W.S. HEATING CENTRE UPGRADE WORKS

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	€
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DUBLIN DUN LAOGHAIRGE ETB - FINGAL COMMUNITY COLLEGE
SEATOWN ROAD SWORDS DUBLIN
E.W.S. BOILER REPLACEMENT WORKS

Item	Description	€
<i>Element (51) : Heating Centres</i>		
1.	Amount for the supply and installation of new natural gas boiler, as specified,	
2.	Amount for new header arrangement 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 vessels as specified.	
5.	Supply and install the boiler room new MCC control panel and all associated controls as specified including provision of zones as detailed on the schematic. (Installation by the electrical sub contractor).	
6.	Supply and install the 2 stage frost protection temperature probes, and associated temperature sensors and controls as specified – both systems	
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 labelling all boiler-house equipment valves, etc., as specified.	
13.	Amount for chemical dosing of system	
14.	Amount for painting	
15.	Amount for new flueing system complete	
16.	Amount for new cold water booster set pup as specified	
17.	Allow for client staff training and demonstration of the upgraded heating system and controls systems.	
18.	Amount for decommissioning, disconnection and removal, off site, of the Entire existing heating centre, as specified	

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E.W.S. BOILER REPLACEMENT WORKS

19. 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 =====

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Item	Description	€
<u>Element (54) : Gas Services</u>		
1.	Allow for liaison with G.N.I and attendances as required	
2.	Amount for all internal gas pipework, fittings and supports etc. as indicated on Drawings, supplied and installed including connecting to equipment.	
3.	Supply and install the boiler room gas leak detection system and accessories as specified	
4.	Allow for painting of internal gas pipe work (yellow orche and marker tape) minimum every two meters as specified.	
5.	Amount for control valves as indicated on the drawing and as specified, supplied and installed.	
6.	Amount for testing and commissioning as specified.	
7.	Amount for painting as specified.	
8.	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.	
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)	
Total for Element (54) : Gas Services		€

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Item	Description	€
Element (59) : Electrical Works		
1.	Trace, isolate, and disconnect the existing electrics in the boiler room 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 installation of the new Boiler Room MCC stats and controls supplied by the mechanical / controls contractor (this contractor)	
4.	Supply and install the power cables from the Electrical switchgear to the new Boiler MCC, as specified	
5.	Supply and install the power cables from the Boiler Room MCCs to the new Mechanical Plant Equipment as specified.	
6.	Supply and install control / sensor cables from the MCCs to the new sensors and controls in the boiler room as specified.	
7.	Amount for interfacing the gas systems with the fire detection and alarm system installed within the school	
8.	Allow for Earthing & Bonding of the upgraded heating and electrical installations to current IS 10101 standard as specified.	
9.	Allow for Testing, Commissioning and Certification of the electrical services.	
10.	Allow for client staff training and demonstration on the upgraded electrical and controls systems as specified.	
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 (59) : Electrical Works		€

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Item	Description	€
Element (59A) : Builders Works		
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.	Amount for high- and low-level vents, as shown	
5.	Amount for general attendances in clearing up during the works.	
6.	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		€

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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	€

NET TOTAL:	€ =====
 Add VAT @ 13.5%	 €
 Gross Total	 € _____

**DUBLIN DUN LAOGHAIRGE ETB - FINGAL COMMUNITY COLLEGE
SEATOWN ROAD SWORDS DUBLIN
E.W.S. BOILER REPLACEMENT WORKS**

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: _____