

**Construction Studies and Engineering Room Refurbishment
CASWS26 at Rath Dara Community College, Blanchardstown Co.
Dublin
SCHEDULE OF PRICES - MECHANICAL**

Item	Description	€
General Items		
1.	Provide for marking out and supervision of all Builders Work.	€
2.	Provide for shop drawings.	€
3.	Provide for record drawings	€
4.	Provide for instruction/maintenance manuals.	€
5.	Provide for assistance to Electrical Contractor for provision of wiring diagrams etc., of equipment, supplied under this contract.	€
6.	Provide for instruction of clients staff in use of apparatus.	€
7.	Provide for ladders, tools, etc.	€
8.	Provide for maintaining a competent foreman on site.	€
9.	Provide for programming of works and review of same.	€
10.	Amount for complying fully with Safety, Health, Welfare & Environmental Issues.	€
11.	Provide for maintaining portable type fire extinguishers on site during the course of the works and complying with Clause on "Hot Work".	€
12.	Provide for all tests as specified.	€
13.	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		€ =====

**Construction Studies and Engineering Room Refurbishment
CASWS26 at Rath Dara Community College, Blanchardstown Co.
Dublin**

Item	Description	€
<u>Element (52): Drainage And Waste Disposal</u>		
1.	Amount for all soils and wastes pipework and vents in P.V.C. terrain or similar including all tees, cleaning doors, blank caps, expansion rings, branch boss connectors, (for waste connections) brackets supports etc., as specified and as shown on the drawings, all supplied, installed and connected to ground drainage pipework.	€
2.	Amount for the supply and installation of all traps for wash hand basins, etc., (traps to be deep seal type).	€
3.	Amount for connecting all 42 mm waste pipes to sinks.	€
4.	Amount for supply and installation of all cleaning eyes as shown and generally as required.	€
5.	Amount for inspection and testing as specified.	€
6.	Amount for fire stopping of soils and wastes pipes as specified.	€
7.	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 (52): Drainage & Refusal Disposal		€ =====

**Construction Studies and Engineering Room Refurbishment
CASWS26 at Rath Dara Community College, Blanchardstown Co.
Dublin**

Item	Description	€
<u>Element (53): Hot And Cold Water Services</u>		
1.	Amount for all copper piping and fittings as shown on Drawings, and as specified, supplied and installed.	€
2.	Amount for pipe supports, as specified, supplied and installed.	€
3.	Amount for all control valves, supplied and installed.	€
4.	Amount for all stopcocks, supplied and installed.	€
5.	Amount for all necessary pipe sleeves supplied and installed.	€
6.	Amount for wall and floor plates supplied and installed.	€
7.	Amount for drain cocks, supplied and installed.	€
8.	Amount for branch connections to all sanitary fittings, supplied and installed, as specified.	€
9.	Amount for special risk fire posts, as specified, and as per schedule, supplied and installed.	€
10.	Amount for insulating all pipework as specified, supplied and installed.	€
11.	Amount for undersink electric water heaters installation complete	€
12.	Amount for testing as specified.	€
13.	Amount for commissioning as specified.	€
14.	Amount for labelling as specified.	€
15.	Amount for painting as specified.	€
16.	Amount for disconnection/removal of obsolete materials	€
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)	€
		
		
		
Total For Element (53): Hot And Cold Water Services:		€ =====

**Construction Studies and Engineering Room Refurbishment
CASWS26 at Rath Dara Community College, Blanchardstown Co.
Dublin**

Item	Description	€
<u>Element (54) : Gas Services</u>		
1.	Amount for all internal gas pipework, fittings and supports etc. as indicated on Drawings, supplied and installed including connecting to equipment.	€
2.	Amount for control valves as indicated on the drawing and as specified, supplied and installed.	€
3.	Amount for works to engineering room pipework systems.	€
4.	Amount for liasing with and attendance to suppliers in connection with the above.	€
5.	Allow for supply, installation and connection of outlet taps as specified and as indicated on the drawing.	€
6.	Amount for overall gas safety controls of incoming supply as specified, supplied and installed, including handing over control panel to Electrical Contractor for fitting.	€
7.	Amount for gas safety knock-out systems, as specified, supplied and installed, including handing over control panel to Electrical Contractor for fitting.	€
8.	Amount for testing as specified.	€
9.	Amount for commissioning as specified.	€
10.	Amount for painting as specified.	€
11.	Amount for disconnection/removal of obsolete materials	€
12.	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>		=====

**Construction Studies and Engineering Room Refurbishment
CASWS26 at Rath Dara Community College, Blanchardstown Co.
Dublin**

Item	Description	€
<u>Element (56): Space Heating</u>		
1.	Amount for all heating pipework and fittings supplied and installed	€
2.	Amount for all pipework supports and anchor brackets for above pipework as specified, supplied and installed.	€
3.	Amount for all necessary drain cocks, supplied and installed.	€
4.	Amount for pipe sleeves supplied and installed.	€
5.	Amount for wall and floor plates supplied and installed.	€
6.	Amount for all radiators including brackets, vent plugs and vent keys as specified, supplied, erected and connected.	€
7.	Amount for erection and connection.	€
8.	Amount for taking down new radiators once for painting background.	€
9.	Amount for all radiator control valves as specified.	€
10.	Amount for pipework control valves, as indicated on the drawings and as specified, supplied and installed.	€
11.	Amount for insulating all heating pipework as specified, supplied and installed.	€
12.	Amount for Automatic and Hand operated air vents, supplied and installed.	€
13.	Amount for labelling/painting, as specified.	€
14.	Amount for testing and balancing, as specified.	€
15.	Amount for commissioning, as specified.	€
16.	Amount for disconnection/removal of obsolete materials	€
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)	€
		
		
		
	Total For Element (56): Space Heating	€
		=====

**Construction Studies and Engineering Room Refurbishment
CASWS26 at Rath Dara Community College, Blanchardstown Co.**

Dublin

Item	Description	€
<u>Element (57): Ventilation Services</u>		
1.	Amount for all ductwork as shown on drawings, as specified including bends, tees, transitions, supplied and installed.	€
2.	Amount for all ductwork supports, supplied and installed.	€
3.	Amount for making all ductwork connections to canopies grilles and louvers including spigot boxes as specified.	€
4.	Amount for all grilles and louvers, as specified and supplied and installed	€
5.	Amount for commissioning.	€
6.	Amount for testing.	€
7.	Amount for painting / labelling.	€
8.	Amount for extract fans, as specified	€
9.	Amount for disconnection/removal of obsolete materials	€
10.	Works associated with centralised dust extraction system c/w all ductwork systems	€
11.	Works associated with Standalone extraction units for Standing machines	€
12.	Works associated with the instruction on the use of the system	€
13.	Works associated with the production of construction drawings For the dust extraction services installation	€
14.	Works associated with the commissioning of the entire system	€
15.	Works associated with the compilation of "As Built" documentation and operation manuals for the entire dust extraction installation	€
16.	Amount for local extract canopy system as detailed	
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)	€
		
		
	Total For Element (57): Ventilation Services	€
		=====

**Construction Studies and Engineering Room Refurbishment
CASWS26 at Rath Dara Community College, Blanchardstown Co.
Dublin**

SUMMARY OF TENDER

- Mechanical Services Installation -

.....	AMOUNT
.....	CONTRACTOR
Preliminaries, Insurances, etc.	€
Element 52 – Drainage and Waste Disposal	€
Element 53 – Domestic Water Services	€
Element 54 – Gas Service Installation	€
Element 56 – Space Heating Installation	€
Element 57 – Ventilation Services	€
NET TOTAL:	
<i>Forward to Pricing Document ‘Volume C’</i>	€

**Construction Studies and Engineering Room Refurbishment
CASWS26 at Rath Dara Community College, Blanchardstown Co.
Dublin**

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_____

STEEL METALWORK_____

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).

4. **MATERIALS:**

Percentage addition to the cost of the materials delivered to the site to cover head office charges

**Construction Studies and Engineering Room Refurbishment
CASWS26 at Rath Dara Community College, Blanchardstown Co.
Dublin**

profit delivery to site and all other overheads.

NOTE:

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

Material: Nett Cost Plus _____

Carriage: Nett Cost Plus _____

NAME OF CONTRACTOR: _____

ADDRESS: _____

DATE: _____