

Coláiste Mhuire Co-Ed, Castlemeadows, Thurles, Co. Tipperary.
Mechanical Upgrade Works (Gas Services)

SCHEDULE OF PRICES - MECHANICAL

Item	Description	€
	General Items	
1.	Provide for marking out, setting out and supervision of all Builders' Work.	€
2.	Provide for coordinated shop drawings and technical submissions.	€
3.	Provide for record drawings showing the complete LPG installation and associated services.	€
4.	Provide for operating and maintenance manuals, test certificates, commissioning records and Safety File information.	€
5.	Provide all wiring diagrams, equipment details and assistance required by the Electrical Contractor for equipment supplied under this Contract.	€
6.	Provide for instruction of the Client's staff in the operation, isolation and emergency procedures for the completed LPG installation.	€
7.	Provide for all ladders, tools, access equipment, lifting equipment and temporary protection required to complete the works.	€
8.	Provide for maintaining a competent foreman on site throughout the works.	€
9.	Provide for programming and coordination of the works, including phased working, deliveries, shutdowns and out-of-hours working where required.	€
10.	Amount for complying fully with all Safety, Health, Welfare and Environmental requirements, including the duties of the PSCS where appointed.	€
11.	Provide for maintaining suitable portable fire extinguishers on site and complying fully with the project "Hot Work" procedures.	€
12.	Provide for all inspections, testing, commissioning, demonstrations and certification as specified.	€
13.	Amount for any other item not included above but which, in the opinion of the Contractor tendering, is necessary for the satisfactory completion of the Contract. <i>(Give Details)</i>	€
	Total for General Services Carried forward to summary	€

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Item	Description	€
	Element (50): Site Services	
1.	Provide for isolation, purging, disconnection and removal of the existing external LPG installation.	€
2.	Provide for liaison with the LPG supplier, including cylinder removal, delivery and connection requirements.	€
3.	Supply and install the complete four-cylinder LPG storage and manifold system, including all valves, fittings and connections.	€
4.	Supply and install the lockable, ventilated galvanised steel enclosure around the LPG cylinder installation.	€
5.	Supply and install the complete LPG regulator and changeover assembly, including gauges, isolation valves and fittings.	€
6.	Supply and install the master LPG proving valve and associated isolation equipment.	€
7.	Supply and install all underground LPG pipework, fittings, protective wrapping, tracer wire, marker tape and identification.	€
8.	Supply and install all external above-ground LPG pipework, fittings, supports, sleeves and protective guards.	€
9.	Provide corrosion protection, painting, labelling and safety signage for the external LPG installation.	€
10.	Provide for testing, purging, commissioning and certification of the complete external LPG installation.	€
11.	Amount for any other item considered necessary for the satisfactory completion of the Element. <i>(Give Details)</i>	€
	Total for Element (50): Site Services Carried forward to Summary	€

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Item	Description	€
	Element (54): Gas Services	
1.	Provide for isolation, purging, disconnection and removal of the existing internal LPG pipework and equipment.	€
2.	Supply and install all new internal LPG pipework, fittings, valves, supports, sleeves and connections, as indicated on the drawings.	€
3.	Supply and install the LPG distribution pipework serving the science, home economics and metalwork classrooms.	€
4.	Supply and install all classroom gas taps and appliance connections, as indicated on the drawings.	€
5.	Supply and install all local gas proving panels and proving valves, complete with associated controls.	€
6.	Supply and install the master gas proving panel, including time-clock control and fire-alarm interface facilities.	€
7.	Supply and install all emergency gas knock-off points, as indicated on the drawings.	€
8.	Supply and install all LPG and carbon monoxide detectors, complete with associated control equipment.	€
9.	Provide for painting, identification and labelling of all internal LPG pipework, valves and equipment.	€
10.	Provide for testing, purging, commissioning and certification of the complete internal LPG installation and gas-safety systems.	€
11.	Amount for any other item considered necessary for the satisfactory completion of the Element. <i>(Give Details)</i>	€
	Total for Element (54): Gas Services Carried forward to Summary	€

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Item	Description	€
	Associated Electrical Works	
1.	Provide for isolation, disconnection and removal of obsolete electrical services associated with the existing LPG installation.	€
2.	Provide all electrical supplies, protective devices and final connections required for the new LPG installation.	€
3.	Supply and install dedicated galvanised steel containment for all gas-safety wiring, as indicated on the drawings.	€
4.	Provide all cabling and connections to the master and local gas proving panels and proving valves.	€
5.	Provide all cabling and connections to the LPG detectors, carbon monoxide detectors and emergency gas knock-off points.	€
6.	Provide all wiring and connections associated with the master gas proving panel.	€
7.	Provide the complete interface between the master gas proving panel and the existing fire-alarm system, including attendance by the fire-alarm specialist.	€
8.	Provide for maintaining the existing electrical and fire-alarm services throughout the works.	€
9.	Provide for labelling, testing, commissioning and certification of the complete associated electrical installation.	€
10.	Amount for any other item considered necessary for the satisfactory completion of the associated electrical works. <i>(Give Details)</i>	€
	Total for Associated Electrical Works Carried forward to Summary	€

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Item	Description	€
	Associated Builders' Works	
1.	Provide all excavation, bedding, backfilling and reinstatement required for the new underground LPG pipework.	€
2.	Provide the concrete base and all builders' work required for the LPG cylinder storage enclosure.	€
3.	Provide all openings and core drilling required for the new LPG pipework, electrical containment and associated services.	€
4.	Provide all sleeves, weather sealing and making good at internal and external service penetrations.	€
5.	Provide tested fire-stopping to all penetrations through fire-rated walls, floors and compartments.	€
6.	Provide for making good all disturbed walls, floors, ceilings and external surfaces to match the existing finishes.	€
7.	Provide for painting complete affected wall and ceiling surfaces where required to achieve a consistent finish.	€
8.	Provide for maintaining the work areas in a clean and safe condition and removing all debris and redundant materials from site.	€
9.	Provide a final specialist clean of all affected areas before handover.	€
10.	Amount for any other item considered necessary for the satisfactory completion of the associated Builders' Works. <i>(Give Details)</i>	€
	Total for Associated Builders' Works Carried forward to Summary	€

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SUMMARY OF TENDER

- Mechanical Services Installation -

.....	AMOUNT
.....	CONTRACTOR
Preliminaries, Insurances, etc.	€
Element 50 – Site Service	€
Element 54 – Gas Service Installation	€
Electrical Works	€
Builder Works	€
NET TOTAL:	€ =====
ADD VAT @ 13.5%	€
GROSS TOTAL	€

**Coláiste Mhuire Co-Ed, Castlemeadows, Thurles, Co. Tipperary.
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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).

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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 materials, including delivery to site. **% addition**

Material: Nett Cost Plus_____

Carriage: Nett Cost Plus_____

NAME OF CONTRACTOR: _____

ADDRESS: _____

DATE: _____