

**EMERGENCY WORKS SCHEME - LIFE SAFETY UPGRADE WORKS
 TEMPLEMORE COLLEGE OF FURTHER EDUCATION RICHMOND,
 TEMPLEMORE, CO.TIPPERARY**

SCHEDULE OF PRICES – ELECTRICAL

Item	Description	€
<u>General Items</u>		
1.	Provide for Shop Drawings and Builder's Work Drawings, which are to be co-ordinated with other Contractors.	
2.	Provide for Record Drawings and Instruction Manuals.	
3.	Provide for maintaining a competent Site Agent on site at all times.	
4.	Provide for marking out and supervision of Builder's Work.	
5.	Provide for instruction of staff in use of apparatus..	
6.	Provide for testing and commissioning of the works.	
7.	Amount for site measures required in response to Covid19, those as outlined by the Construction Industry Federation, and the H.S.A.	
8.	Provide for earthing in accordance with ETCI and IEE Wiring Regulations, and Element (69) of this Specification.	
9.	Provide for completion certificate.	
10.	Provide for painting and labelling.	
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 maintaining supplies to school at all normal operating times and complying with Clause on "Interruption of Supplies".	
13.	Amount for complying fully with Clause 43 'Safety, Health, Welfare & Environmental Issues'.	
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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SCHEDULE OF PRICES – ELECTRICAL

(Carried Forward to Summary)

Item	Description	€
Element (61) : Main & Sub Electrical Distribution		
1.	Amount for new main board, as detailed, supplied and installed	€
2.	Amount for connecting existing sub circuit (site lighting l/s) and prefabricated Classrooms on the site to the new main distribution board,	€
3.	Amount for all low voltage cable distribution trunking as specified and as indicated on the drawings, including bends, tees, elbows and stop ends, supplied and installed including supports as required	€
4.	Amount for the supply and installation, including connection of the distribution cables as specified and as indicated on the Schematic of the Electrical Distribution System on the drawings.	€
5.	Amount for supply and installation of all cable trays for distribution cables, etc., as shown on the drawings.	€
6.	Amount for new sub-distribution centres, as detailed on drawings and as specified, including, contactors, R.C.B.Os., etc., supplied, installed and connected.	€
7.	Amount for fire stopping of cable trunking through compartment walls and floors using intumescent fire blocks in and around trunking.	€
8.	Amount for disconnection, dismantling, stripping out and removal off site of existing obsolete services – this element	€
9.	Amount for maintaining supplies in school during the course of the works	€
10.	Amount for ESB Charges, levies etc	€
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 (61) : Electricity Centre & Distribution		€

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SCHEDULE OF PRICES – ELECTRICAL

Item	Description	€
Element (62) : Power Distribution		
1.	Amount for wiring in 4.0mm ² PVC/LSF/Cu singles to all socket outlets including outlets supplied and fitted	€
2.	Amount for socket outlets supplied and fitted. Twin Sockets Outlets Single Sockets Outlets. Fused spur outlets.	€
3.	Amount for wiring from control panel in boiler-house to the 220 volt points, as specified.	€
4.	Amount for wiring to extract fans	€
5.	Amount power supply to the new fire alarm panels and existing P.A. system, security system panel, access-controlled doors, to be retained	€
6.	Amount for disconnection, dismantling, stripping out and removal off site of existing obsolete – this element	€
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 (62) : Power Distribution Services		€ =====

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SCHEDULE OF PRICES – ELECTRICAL

Item	Description	€
Element (63) : Lighting Services – Emergency		
1.	Amount for wiring to new emergency all lighting points in 2.5 mm ²	
“	PVC cable in cable trunking and in steel conduit including switches as follows:	
	❖ Exit signs – LED	
	❖ Emergency Lights – LED	
	❖ LED General Fittings	
2.	Amount for all light fittings as specified, delivered to site, including lamps	
3.	Amount for profit on light fittings.	
4.	Amount for erection and connection of light fittings and lamps.	
5.	Amount for supply, installation, including wiring to emergency lighting test unit and interface units at distribution centres, as specified	
6.	Amount for testing and commissioning of complete new emergency lighting system, and provision of inspection and test certificate.	
7.	Amount for first year maintenance/servicing contract	
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 (63) : Lighting Services		€
(Carried Forward To Summary)		=====

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Item	Description	€
Element (65) : Protective Services		
1.	Amount for fire alarm equipment as follows delivered to site, erection and connection as specified: Smoke/Sounder Detectors / Heat Detectors / Breakglass Units Fire Alarm Sounders / Fire Alarm Main Panel.	
2.	Amount for Interfacing of the Access Control systems, To include, but limited to, door access release button, break glass units, locking mechanisms, external / internal controls (fob), cable management, power supply units, wiring and termination of building Access Control System cable installation.	
3.	Amount for low voltage wiring from the indicator panel to the detectors, break glass units and sounders in a completely separate and independent wiring system, as specified.	
4.	Amount for fire alarm zone chart supplied and fitted.	
5.	Amount for specialist testing and commissioning of the fire alarm system, including the provision of a commissioning certificate as specified.	
6.	Amount for providing attendances on specialist during commissioning of fire alarm equipment.	
7.	Amount for testing and commissioning of the fire detection alarm system.	
8.	Amount for first year maintenance/servicing contract	
09.	Amount for decommissioning, dismantling, stripping out and removal off site of existing obsolete fire detection and alarm services.	
10.	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 (65) : Protective Services (Carried Forward To Summary)		€ =====

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SCHEDULE OF PRICES – ELECTRICAL

Item	Description	€
Element (69) : Earthing		
1.	Amount for earth electrode and connection of earth electrode to ESB neutral and to main earthing terminal at main switchboard.	
2.	Amount for protective earth conductors from main earthing terminal at main switchboard to sub-distribution boards.	
3.	Amount for equipotential bonding.	
4.	Amount for general earthing of all sockets, metallic enclosures and appliances (unless already included under the various elements.	
5.	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 (69) : Earthing	€
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SCHEDULE OF PRICES – ELECTRICAL

Item	Description	€
Element (6-) : Associated Builders Works		
1.	Amount for all new openings required in the internal walls and ceilings for all new LV trunking runs as indicated including re-instating the existing internal wall and ceiling finishes and making good to the existing finishes on the completion of the works.	
2.	Amount for drilling all openings required in the walls for new conduits including making good to the openings as necessary.	
3.	Amount for keeping the site of the works tidy and removing all debris, rubbish etc. from site as necessary.	
4.	Amount for paintwork to the walls and ceilings incorporating the full area of works (total wall / ceiling) of where the electrical penetration occurred to match the existing paintwork as necessary	
5.	Allow for a thorough clean down of the School by specialist contract cleaners on final completion prior to final handover to the client.	
6.	Amount for fire stopping the new electrical containment system, where it passes through all walls.	
7.	Amount for access panels to existing ceilings	
8.	Amount for any other item not included in the above, but which in the opinion of the contractor tendering is necessary for the satisfactorily completion of the contract . (Give Details)	
Total For Element (6-) : Builders Works		€
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SCHEDULE OF PRICES – ELECTRICAL

SUMMARY OF TENDER

.....	AMOUNT
.....	CONTRACTOR
1. Preliminaries, Insurances, etc.	€
2. Element 61 – Distribution Services	€
3. Element 62 – Power Distribution Services	€
4. Element 63 – Emergency Lighting Services	€
5. Element 65 – Protection Services	€
6. Element 69 – Bonding and Earthing	€
7. Element 6- - Associated Builders Works	€
NET TOTAL:	€
ADD: V.A.T. at 13.5% on €	€

TOTAL AMOUNT OF TENDER:	€ =====

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SCHEDULE OF PRICES – ELECTRICAL

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_____

Electrician_____

2nd Yr Apprentice_____

3rd Yr Apprentice_____

4th Yr Apprentice_____

Labourer_____

2. Percentage additional on labour to cover the profit, all insurances 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: _____