

**LOETB ELECTRICAL UPGRADE AT MOUNTMELICK FET,
MOUNTMELICK, CO. LAOIS**

SCHEDULE OF PRICES – ELECTRICAL SERVICES INSTALLATION WORKS

Item	Description	€
General Items: Electrical		
1.	Provide for Shop Drawings and Builder's Work Drawings, which are to be co-ordinated with Main Contractors and Mechanical Contractor.	€
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 office facilities on site.	€
6.	Provide for Insurance in accordance with the general contract.	€
7.	Provide for Customs Duties.	€
8.	Provide for instruction of staff in use of apparatus.	€
9.	Provide for all tools, plant, tackle, etc.	€
10.	Provide for assistance to Mechanical Contractor, for diagrams etc., of equipment supplied under this contract.	€
11.	Provide for keeping site clear of rubbish at all times.	€
12.	Provide for programming of works and review of same.	€
13.	Provide for testing	€
14.	Provide for commissioning.	€
15.	Provide for earthing in accordance with ETCI and IEE Wiring Regulations, and Element (69) of this Specification.	€
16.	Provide for completion certificate.	€
17.	Provide for painting and labelling.	€
18.	Provide for maintaining portable type fire extinguishers on site during the course of the works and complying with Clause on "Hot Work".	€
19.	Provide for maintaining supplies to school at all normal operating times and complying with Clause on "Interruption of Supplies".	€
20.	Amount for complying fully with Clause 43 'Safety, Health, Welfare & Environmental Issues'.	€
Carried Forward		€

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Item	Description	€
	Brought Forward	
21.	Amount for site measures required in response to Covid19, those as outlined by the Construction Industry Federation, and the H.S.A.	€
22.	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		€ =====

**LOETB ELECTRICAL UPGRADE AT MOUNTMELICK FET,
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Item	Description	€
Element (60) : Site Services:		
1.	Amount for wiring to all wall mounted fittings in 2.5 mm ² P.V.C/L.S.F/Cu cables, as detailed.	€
2.	Amount for all light fittings, as specified, delivered to site, erection & connection, including lamps.	€
3.	Amount for profit on light fittings	€
4.	Amount for works to the existing site lighting system installations by reconnecting to the new electrical distribution and re-lamping existing fittings as shown and as detailed on the accompanying drawings	€
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 (60) : Site Services		€ =====

**LOETB ELECTRICAL UPGRADE AT MOUNTMELICK FET,
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Item	Description	€
Element (61) : Electricity Centre, Main Distribution Works		
1.	Amount for new main board, as detailed, supplied and installed	€
2.	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.	€
3.	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.	€
4.	Amount for supply and installation of all cable trays for distribution cables, etc., as shown on the drawings.	€
5.	Amount for new sub-distribution centres, as detailed on drawings and as specified, including, contactors, R.C.B.Os., etc., supplied, installed and connected.	€
6.	Amount for fire stopping of cable trunking through compartment walls and floors using intumescent fire blocks in and around trunking.	€
7.	Amount for disconnection, dismantling, stripping out and removal off site of existing obsolete services – this element	€
8.	Amount for maintaining supplies in FET 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		€ =====

**LOETB ELECTRICAL UPGRADE AT MOUNTMELICK FET,
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Item	Description	€
Element (62) : Power Distribution Services		
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 new 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	€
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 (62) : Power Distribution Services		€

**LOETB ELECTRICAL UPGRADE AT MOUNTMELICK FET,
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Item	Description	€
Element (63) : Lighting Services Complete		
1.	Amount for wiring to all lighting points in 2.5 mm ² PVC/l.s.F/Cu cable in cable trunking and in steel conduit including switches as follows:	
	❖ LED General Fittings	
	❖ Emergency Light Fittings	€
2.	Amount for all light fittings (general and emergency) 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 first year maintenance/servicing contract	€
6.	Amount for disconnection, dismantling, stripping out and removal off site of existing obsolete services – this element	€
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 (63) : Lighting Services		€

**LOETB ELECTRICAL UPGRADE AT MOUNTMELICK FET,
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Item	Description	€
Element (64) : Communications Services		
1.	Amount for wiring to additional data points in Cat 6a cable in cable tray and steel conduit system from the new main patch panel to the respective I.D.Fs – allow for fibre link, as specified,	€
2.	Amount for outlet terminations.	€
3.	Amount for testing and commissioning.	€
4.	Amount for record drawings, number and labelling.	€
5.	Amount for works in maintaining I/T services in the FET outside of the defined areas of works at all times.	€
6.	Amount for works to existing Access Control systems, 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 (64) : Communications Services	€ =====

**LOETB ELECTRICAL UPGRADE AT MOUNTMELICK FET,
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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 / Active Repeater Panels	
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	
9.	Amount for disconnection, 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)		€ =====

**LOETB ELECTRICAL UPGRADE AT MOUNTMELICK FET,
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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 lightning protection system as specified	€
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 (69) : Earthing		€
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**LOETB ELECTRICAL UPGRADE AT MOUNTMELICK FET,
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Item	Description	€
<i>Element (70): Intruder Alarm & CCTV Systems Installation</i>		
1.	Amount for works to existing Intruder Alarm System, as specified	€
2.	Amount for works to existing CCTV Installation, as specified	€
3.	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 (70) : Intruder Alarm/CCTV		€
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**LOETB ELECTRICAL UPGRADE AT MOUNTMELICK FET,
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Item	Description	€
Builder Works		
1.	Removal of existing ceilings, as necessary, and re-instating once works are complete replace damaged ceiling tiles	€
2.	Amount for necessary opes in the structure to accommodate containment systems including re-sealing and fire stopping,	€
3.	Painting of effected areas where obsolete containment system has been removed	€
4.	Removal of obsolete material off site, under licence	€
5.	Painting of new containment system to match existing	€
6.	Amount for site trenching, ducting, and re-instatement to match existing,	€
7.	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 Builder Works		€
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Summary of Prices – Electrical Services Installation

General Items	€
Element (60) Site Services	€
Element (61) Electricity Centre, Main Distribution	€
Element (62) Power Distribution Services	€
Element (63) Lighting	€
Element (64) Communications Services	€
Element (65) Protective Services	€
Element (69) Earthing	€
Element (70) Intruder Alarm and CCTV	€
Builder Works	€
<i>NET TOTAL:</i>	€ =====
ADD VAT @ appropriate rate	€
GROSS TOTAL	€

**LOETB ELECTRICAL UPGRADE AT MOUNTMELICK FET,
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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_____

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: _____