

ELECTRICAL PRICING DOCUMENT



PROJECT:	Collooney National School, Collooney, Co Sligo New Classroom Extension		
PROJECT No:	A1172	REV:	T0
SERVICE:	Electrical & Associated Works		

REF	DESCRIPTION	€
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1.1	General	
	Liaison with the PSCP to allow them to carry out their duties in accordance with HSA Regulations.	€
	Supervision of the electrical works for the duration of the project.	€
	Provision of Electrical O&M Manual and "As Installed" drawings for inclusion in the project Safety File	€
	Earthing & Bonding Installation to comply with NSAI IS 10101:2020 Regulations	€
	Liaise with the assigned certifier, and programme in witnessing and surveys of "to be concealed" services before they are concealed.	€
	All works to be carried out in accordance with NSAI IS 10101:2020 National Rules for Electrical Installations including the Testing & Certification of all works.	€
	Sub Total General Forward to Summary	€

1.2	Element 61– Electrical Supply and Main Distribution	
	Provision for the alterations to the existing MDB to disconnect the supply and fully remove all cabling associated with the now redundant Prefab building.	€
	Provision for the alterations to the existing MDB to cater for the new supply cable to the new SDB 1, including the supply of new switch gear and all final terminations.	€
	Provision for the alterations to the existing MDB to cater for the new supply cable to the new Emergency Lighting Panel, including the supply of new switch gear and all final terminations.	
	Supply delivery to site and installation of Sub Main distribution cabling, cable containment and associated switchgear between the existing MDB and New SDB 1 including all final terminations.	€
	Supply, delivery to site & installation of new sub distribution board 1 including all final terminations within.	€
	Supply delivery to site and installation of Sub Main distribution cabling, cable containment and associated switchgear between the new SDB 1 and New SDB 2 including all final terminations.	€

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	Supply, delivery to site & installation of new sub distribution board 2 including all final terminations within.	€
	Supply, delivery to site & installation of new Emergency Lighting panel including all final terminations within.	€
	Supply delivery to site and installation of Sub Main distribution cabling, cable containment and associated switchgear between the existing MDB and New Emergency Lighting Panel including all final terminations.	€
	Sub Total Element 61 – Electrical Supply & Main Distribution Forward to Summary	€

1.3	Element 62 – Power & General Services	
	Supply & Installation of all power and general services associated with all areas of the new extension and existing building	€
	Provisions for the supply and install of all General Services and small power wire ways, wiring, cable containment including dado trunkings and device installation including all final terminations	€
	Wireways, wiring, isolators and final connections to all power & control items associated with the Under-sink Water heaters including controls.	€
	Wireways, wiring, isolators and final connections to all power & control items associated with 2 ports control valves.	€
	Wireways, wiring, isolators and final connections to all power & control items associated with Access control	€
	Wireways, wiring, isolators and final connections to all power & control items associated with Intercom System	€
	Wireways, wiring, isolators and final connections to all power & control items associated with the new doorbell for the admin office	€
	Provision for the wireways, wiring, isolators and final connections to all power & control items associated with electric windows	€
	Sub Total Element 62 – Power & General Services Forward to Summary	€

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1.4	Element 63 – General Lighting	
	Provision for the alterations to the existing lighting and photocell impacted by the new extension as indicated on the E001 drawing.	€
	Supply and delivery to site of all new Internal & external Lighting to suit new layout as per drawings.	€
	All internal lighting wire ways, wiring, control devices including erection and connection of all equipment.	€
	Provision for Testing, commissioning and certifying of the General Lighting including external lighting and all control devices in accordance with NSAI IS10101:2020 and manufactures specifications	€
1.4.1	Emergency Lighting	
	Provision for the strip out, removal and safe disposal of the existing Emergency Lighting System & cabling including cable containment within the existing building in preparation for the upgraded provision.	€
	Supply and delivery to site of new emergency lighting, system devices including new contactors/relays, central test facility and emergency lighting control panel as indicated on the drawings.	€
	Emergency lighting system wire ways, cable containment, wiring and device installation	€
	Emergency lighting system testing, commissioning and certification to IS 3217:2023	€
	Sub Total Element 63 – General Lighting Forward to Summary	€

1.5	Element 64 – Communication	
	Supply, Installation of new cables and 3 new patch panels, cable management and power supply units associated with new data point connections to the existing school's comms.	€
	Wire ways, wiring, cable containment, field outlets and terminations associated with the new Cat 6a datacomms installation	€
	Testing, labelling & commissioning of the Datacomms system to manufacturer's warranty.	€

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	Supply, installation, commissioning and delivery to site of all equipment associated with the class change/Public Address system including the installation of a new Goose Neck microphone in the Admin Office	€
	Sub Total Element 64 - Communication Forward to Summary	€

1.6	Element 65 – Security & Protection	
1.6.1	Fire Alarm	
	Provision for the strip out, removal and safe disposal of the existing conventional Fire Alarm System & cabling including cable containment within the existing building in preparation for the new system.	€
	Supply and install of the upgraded addressable fire alarm system throughout the building areas as per associated drawings including the networking of the new system to the old system	€
	Alterations to the existing loops to incorporate new additional detectors within classroom and corridor areas as indicated on the drawings	€
	Fire alarm system wire ways, cable containment, wiring and device installation.	€
	Supply and installation of Fire Door Holders including associated power supplies	€
	Fire alarm system testing, commissioning and certification to IS 3218:2024 L2/L3.	€
1.6.2	Intruder Alarm	
	Supply and delivery to site of the new Intruder Alarm system and devices as indicated on the drawings.	€
	Provision for the supply installation and all terminations associated with linking the new intruder alarm panel to existing intruder alarm panel	€
	Wire ways, wiring cable containment and all final termination associated with the Intruder Alarm System cable installation.	€
	Supply, installation and commissioning of the Intruder Alarm System	€
1.6.4	Access Control	
	Supply and delivery to site of all associated Access Control systems, emergency break glass units, cable management and power supply units.	€

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	Wire ways, wiring, cable containment and all final terminations of the of Access Control System cable installation.	€
	Installation and commissioning of the Access Control System	€
	Supply installation and delivery to site of the new intercom system, cable management and power supply units	€
1.6.5	CCTV System	
	Provisions for the alteration to the existing CCTV cameras, including all wiring wireways and containment as indicated on the E001 Drawing.	€
	Supply and delivery to site of the CCTV system, relocation of camera's, cable management and power supply units.	€
	Wire ways, wiring and termination of the of CCTV System cable installation.	€
	Supply and install and all termination associated with the new CCTV monitor located in the admin office	€
	Provisions for the commissioning of the CCTV System	€
	Sub Total Element 65 – Security & Protection Forward to Summary	€

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2.	Summary	
2.1	General	€
2.2	Element 61 - Electrical Supply and Main Distribution	€
2.3	Element 62 – Power & General Services	€
2.4	Element 63 – General Lighting	€
2.5	Element 64 – Communication	€
2.6	Element 65 – Security & Protection	€
2.7	Sub Total	€
2.8	Vat @ 13.5%	€
2.9	Total	€

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Schedule of Manufacturers & Deliveries

This schedule must be completed. Equipment and materials listed here shall be as specified.

Item	Manufacturer	Model	Delivery in Weeks
Sub Distribution Panels			
Electrical Accessories			
Socket Outlets			
Data Outlets			
Spur Outlets			
Isolators			
Fire Alarm			
Field Devices			
General Lighting			
Type A			
Type B			
Type C			
Type D			
Type F			
Type F1			
Emergency Lighting			
Emergency Bulkhead			
Emergency Halo			
External Emergency Bulkhead			
Intruder Alarm			
Field Devices			

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REF	DESCRIPTION		€
	CCTV Camera's Monitor DVR Recorder Cable Distribution Lighting Cables General service cables SWA Cables		