

Emergency Works Upgrade of Electrical and Heating Systems

Detailed description:

The mechanical services upgrade scope of the works includes:- a) Full strip out of the existing oil fired heating centre and heating distribution system and disposal to a licenced waste facility b) Upgrade and conversion to LPG and installation of a new condensing gas fired boiler, heating center and new two pipe heating distribution system and zoned controls to current TGD standards c) All associated builders and civil works The scope of work for the Electrical Upgrade Emergency Works project includes as follows:- a) Isolation, removal and disposal of the redundant existing services to a licenced waste facility b) Provision of new galvanised steel containment systems as required to fully contain all new wiring and cabling systems – existing containment to be stripped out completely c) Upgrade the incoming ESB Supply and relocate to the new Main Distribution Board d) Upgrade the Power Distribution System including provision of a new Main Distribution Board e) Upgrade the general service and equipment power systems including new heating system power and controls cabling f) Upgrade of all general lighting fixtures with new LED units throughout the school g) Upgrade the ICT Structured Cabling System throughout the school h) Upgrade to a new self-contained emergency lighting system throughout the school to current IS 3217 standard. i) New L3 Fire Detection & Alarm System throughout the school to current IS3218 standard j) Upgrade the protective services including intruder alarm, access control, and CCTV k) All associated alterations to the existing electrical services installations as required l) Testing & commissioning and certification of the upgraded Electrical installations m) All associated builders and civil works, including trenching and ducting, opening up, making good, weatherproofing & fire proofing and re-decoration to match existing finishes n) Maintenance of the new electrical installations for the defects liability period (12 months)

Type of contract:

Works

Response deadline (Irish time):

17/06/2022 14:30:00

CPV codes:

45214200-2 Construction work for school buildings
45214210-5 Primary school construction work
45232141-2 Heating works
45310000-3 Electrical installation work
45311000-0 Electrical wiring and fitting work
45311100-1 Electrical wiring work
45311200-2 Electrical fitting work
45315100-9 Electrical engineering installation works
45317000-2 Other electrical installation work
45331000-6 Heating, ventilation and air-conditioning installation work
45331100-7 Central-heating installation work
45350000-5 Mechanical installations
45351000-2 Mechanical engineering installation works
50700000-2 Repair and maintenance services of building installations
50710000-5 Repair and maintenance services of electrical and mechanical building installations
50711000-2 Repair and maintenance services of electrical building installations
50720000-8 Repair and maintenance services of central heating
51100000-3 Installation services of electrical and mechanical equipment
51110000-6 Installation services of electrical equipment