

Bansha National School Mechanical Services Summer Works Upgrade

Detailed description:

The mechanical services upgrade scope of the works includes the following: a) De-commission, isolate, drain down, remove and dispose of the redundant oil fired boiler and all associated header pipework and services including the oil storage tank and any remaining heating oil to a licenced waste recycling facility. b) De-commission, Isolate, drain down, remove and dispose of the redundant one pipe heating distribution system and associated services to a licenced waste facility. c) Convert the heating system fuel supply to LPG as the fuel source, construction of a new bulk LPG gas tank storage compound and connection of the new gas service to the boiler room. d) Supply and installation of a new gas fired condensing boilers in cascade arrangement, flue system and gas safety systems e) Replacement of the heating centre pipe work, valves, actuators, pumps and controls etc with new services to suit the new boiler room layout f) Supply of a new packaged pressurisation unit and expansion vessel and associated controls g) Supply and install a new two pipe heating distribution pipework and radiator systems throughout the school h) Controls upgrade to provide new two port motorised valves and room thermostats to individual classrooms, circulation areas and office to provide independent local control. i) New heating system control panel with all associated controls and provide a new user timeclock interface located in the principal's office together with a simple boost facility control panel and remote access via smart phone app. j) Supply and install a new format 30 sectional cold water storage tank k) Supply and install a new indirect calorifier and associated controls and pumps and new hot water distribution pipework system with secondary return to serve the school with hot water. l) All associated electrical works including isolations disconnections and strip out and new power and controls cabling run in galvanised steel containment systems to serve the new heating system m) All associated builders

Type of contract:

Works

Response deadline (Irish time):

24/06/2022 14:30:00

CPV codes:

45214210-5 Primary school construction work
45331000-6 Heating, ventilation and air-conditioning installation work
45331100-7 Central-heating installation work
45331110-0 Boiler installation work
45350000-5 Mechanical installations
51100000-3 Installation services of electrical and mechanical equipment