DIVISION 25 - INTEGRATED AUTOMATION

Refer to Part 1 Section 2

1.1   Educational facility Remote Access/IT Network Interface
    For educational facilities, in addition to the on-site operator work station PC being directly connected to the control system LAN, this PC shall also be directly connected to the educational facility LAN so as to provide access to the school board IT network. Supply and install all required hardware (ethernet cards etc.) and software to provide full access to the educational facility DDC system via the educational facility board IT network from an existing remote PC at the educational facility board's maintenance office. The access shall be configured as a virtual private network and the system architecture shall be such that the on-site operator work station PC is not required to be powered on in order for the educational facility DDC system to be accessed from the remote PC. All access to the DDC system shall be with multilevel password set-up for low level operator (eg. read point values in graphical form and command set points) up to high level operator (full access and graphics). Provide graphics for all systems and points at all operator levels when accessed either remotely or at the building. Commission all aspects of the system and provide all required software licenses. Coordinate the above work with DTIR and educational facility board maintenance/IT personnel.

END