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4. ALL EXISTING ELECTRICAL EQUIPMENT, DEVICES AND MATERIALS INCORPORATED ON DEMOLITION PLANS, ARE TO BE REMOVED AND REPLACED WITH NEW. SUCH NEW DEVICES ARE TO BE EQUAL, OR GREATER IN SPECIFICATIONS THAN THOSE ITEMS BEING REMOVED. INLESS INDICATED OTHERWISE, ALL NEW DEVICES ARE TO BE SPEC. GRADE. NEW LIGHTING IS TO BE ANALOGOUS TO THE EXISTING. THOSE INDICATED IN LIGHTING FIXTURE SCHEDULE, NEW DEVICE COVER PLATES ARE TO BE BRUSHED STAINLESS STEEL TYPE. ALL NEW PANELS, SWITCHES, AND OUTLETS, THEIR ELECTRICAL CONNECTIONS ARE TO BE EQUAL TO THOSE BEING REMOVED. ALL NEW PANELS, SWITCHES, AND OUTLETS, THEIR ELECTRICAL CONNECTIONS ARE TO BE EQUAL TO THOSE BEING REMOVED. UNLESS INDICATED OTHERWISE, NEW 30 AND 100KVA TRANSFORMERS ARE TO BE TYPE 'X' WITH RATINGS SIMILAR TO THOSE BEING REMOVED.
5. IT IS THE RESPONSIBILITY OF THE ELECTRICAL CONTRACTOR TO VISIT SITE TO VERIFY EXISTING PANEL, BOARDS AND REPLACE EACH WITH NEW PANEL BOARDS OF THE SAME ELECTRICAL CHARACTERISTICS, USING NEW BREAKERS TO MATCH THE EXISTING BREAKERS THAT ARE REPLACING. OR, AS OTHERWISE NOTED.
6. ALL NEW CONDUCTORS, RELAY, AND TERMINALS ARE TO BE RATED FOR THE LOADS THEY ARE TO CONTROL, AND PROTECT.
7. NEW FIRE ALARM SYSTEM COMPONENTS FOR INITIATING, SIGNALING AND SUPERVISING CIRCUITS ARE TO BE ADDRESSABLE TYPE. MAIN ADDRESSABLE FIRE ALARM PANEL IS TO BE INSTALLED IN CSM MAIN ENTRANCE AND IS TO BE CONNECTED TO THE EXISTING FIRE ALARM CONTROL PANEL. REMOVAL OF EXISTING FIRE ALARM CONTROL PANEL, AND INSTALLATION AND INSTALL ALL NEW NECESSARY HARDWARE/SOFTWARE IN CSM FIRE ALARM PANEL BOARD TO PROVIDE SUCH MONITORING.
8. ALL EXISTING WIRE/CONDUIT THAT IS FOUND TO BE IN GOOD CONDITION IS TO BE REUSED. ANY WIRING OR CONDUIT THAT EXISTS BUT IS DAMAGED IS TO BE REPLACED WITH NEW AT THE CONTRACTORS EXPENSE.
9. THE CONTRACTORS IS RESPONSIBLE FOR TEMPORARY REMOVAL/RELOCATION OF ELECTRICAL SYSTEMS WHICH INTERFERE WITH COMINGLING OF REPAIR WORK. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE RELOCATION OF SUCH REPAIR WORK. WHEN REPAIRS IS COMPLETE, ALL WORK MUST BE COMPLETED IN ACCORDANCE WITH ALL APPLICABLE BUILDING CODES, BY LICENSED TRADES PERSONS.
10. COMPLETE ALL WORK IN ACCORDANCE WITH THE NATIONAL BUILDING CODE OF CANADA (LATEST EDITION) AND THE CANADIAN ELECTRICAL CODE (LATEST EDITION).
11. ALL BUILDING ELECTRICAL AND COMMUNICATION SYSTEMS TO REMAIN OPERATIONAL DURING DEMOLITION AND CONSTRUCTION.
12. ALL ITEMS TO BE COORDINATED WITH STRUCTURAL, MECHANICAL, ARCHITECTURAL AND CIVIL DURING DEMOLITION AND CONSTRUCTION.
13. EXECUTE WORK BY METHODS TO AVOID DAMAGE TO OTHER EXISTING COMPONENTS AND FINISHES WHERE POSSIBLE.
14. ELECTRICAL CONTRACTOR TO ENSURE PANEL, FEEDER LOG LOCATIONS ARE POSITIONED IN NEW PANELS TO ACCOMMODATE EXISTING FEEDER LENGTHS. IF POSITIONING MAY BE SLIGHTLY ALTERED TO MAKE UP FOR ANY SHORT FEEDER LENGTHS, WHERE EXISTING FEEDER LENGTHS ARE NOT ADEQUATE TO CONNECT TO NEW PANEL, LOGS CONTRACTOR IS TO PROVIDE JUNCTION BOX TO ACCOMMODATE NEW PANEL LOGS. CONTRACTOR TO ACCORDING TO ACCOMMODATE EXISTING FEEDER LENGTHS TO NEW PANEL LOGS, INCLUDE COST OF SUPPLYING AND INSTALLING EXTRA JUNCTION BOXES AND FEEDER EXTENSIONS IN TENDER PRICE.
15. ALL EXISTING ELECTRICAL EQUIPMENT AND THEIR CONTROLS TO REMAIN. DISCONNECT SUCH EQUIPMENT FROM EXISTING BRANCH CIRCUIT BREAKER PANEL BOARD, RECONNECT TO NEW BRANCH CIRCUIT BREAKER IN NEW PANEL BOARD. PURCHASE AND INSTALL TO MATCH EXISTING BREAKER RATING.
16. THE ELECTRICAL CONTRACTOR SHALL OBTAIN ALL PERMITS AND INSPECTIONS REQUIRED BY LAW, ORDINANCES, RULES AND REGULATIONS OF PUBLIC UTILITIES COMMISSIONS, AND SHALL OBTAIN CERTIFICATES ON SUCH INSPECTIONS AND SUBMIT SAME AND PAY ALL CHARGES IN CONNECTION THEREWITH.
17. THE ELECTRICAL CONTRACTOR IS TO COORDINATE WITH MECHANICAL AND ARCHITECTURAL DRAWINGS TO ASCERTAIN WHAT EXTERIOR EQUIPMENT AND DEVICES ARE TO BE TEMPORARILY REMOVED TO ACCOMMODATE THE REMOVAL OF EXTERIOR SIBING AND ROOF COORDINATING. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REMOVAL OF EXTERIOR EQUIPMENT AND DEVICES AND THE FUTURE RECONNECTION ONCE ARCHITECTURAL AND MECHANICAL WORK IS COMPLETED.
18. THE ELECTRICAL CONTRACTOR IS TO EXTEND EXISTING BRANCH WIRING WHERE EXISTING WIRING LENGTHS TO NEW BRANCH BREAKERS ARE NOT OF SUFFICIENT LENGTH TO CONNECT, NO SPICES WILL BE ALLOWED IN PANEL TUBS.
19. FOR OPERATION REQUIREMENTS, REFER TO SPECIFICATIONS SECTION 013613 - SPECIAL PROCEDURES FOR AIRPORT FACILITIES.
20. ELECTRICAL CONTRACTOR TO SUPPLY AND INSTALL ALL WIRING, CONDUIT AND ASSOCIATED EQUIPMENT FOR THE CONTROL OF ALL MECHANICAL AND ELECTRICAL EQUIPMENT. COORDINATE EXACT LOCATIONS AND REQUIREMENTS WITH MECHANICAL CONTRACTOR.

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