
PART 1 - GENERAL

- 1.1 GENERAL .1 This Section covers items common to Sections of Division 26. This section supplements requirements of Division 1.
- 1.2 CODES AND STANDARDS .1 Do complete installation in accordance with the Canadian electrical code CSA C22.1-2012 and the Ontario Electrical Safety Code 2012 except where specified otherwise.
- .2 The Departmental Representative will submit the plans to the inspection department for their review in accordance with CSA C22.1-2012 . The Departmental Representative will pay all fees associated with this submission.
- 1.3 PERMITS, FEES AND INSPECTION .1 The contractor is responsible for obtaining inspection permits from Ontario Electrical Safety Authority as required by CSA C22.1-2012 and shall pay all associated fees. Proof of compliance to be posted on site prior to commencement of work.
- .2 Departmental Representative will provide additional drawings and specifications if required by Electrical Safety Authority (site inspection) at no cost.
- .3 Notify Departmental Representative of additional changes required by Electrical Safety Authority prior to making changes.
- .4 Furnish Certificates of Acceptance from Electrical Safety Authority to the Departmental Representative on completion of work. Copies of certificates to be included in the maintenance manuals under warranties.
- 1.4 MATERIALS AND EQUIPMENT .1 Equipment and material to be CSA certified. Where there is no alternative to supplying equipment which is not CSA certified, obtain special approval from Electrical Inspection Department.
- .2 Factory assemble control panels and component assemblies.
- 1.5 FIELD QUALITY CONTROL .1 All electrical work to be carried out by qualified, licensed electricians or apprentices as per the conditions of the Provincial Act respecting manpower vocational training and qualification. Employees registered in a provincial apprentices program shall be permitted, under the direct supervision of a qualified licensed electrician, to perform specific tasks - the activities permitted shall be determined based on the level of training attained and the demonstration of ability to perform specific duties.
- .2 The work of this division to be carried out by a contractor who holds a valid Master Electrical contractor license as issued by the Province that the work is being constructed.
- .3 Conduct and pay for following tests:
.1 High Voltage Cabling.
- .4 Carry out tests in presence of Departmental Representative.
- .5 Provide instruments, meters, equipment and personnel required to conduct tests during and at conclusion of project.
- .6 Submit test results for Departmental Representative's review.

- .7 Do not lay new cables across road ways, sidewalks and landscape at any time. Protect cables from mechanical damage.
- .8 Before energizing the circuit, perform a very low frequency cable and high potential (Hipot) test. Issue full report & chart for review.

1.6 FEES

- .1 Pay for all fees/permits associated with this project.

PART 2 - PRODUCTS

2.1 NOT USED

- .1 Not Used.

PART 3 - EXECUTION

3.1 NOT USED

- .1 Not Used.

END OF SECTION

PART 1 - GENERAL

- 1.1 GENERAL .1 This Section covers items common to the electrical demolition.
- 1.2 CODES AND STANDARDS .1 Do complete demolition/removals in accordance with the Canadian Electrical Code CSA C22.1-2012.
- 1.3 REMOVED MATERIALS .1 All removed materials become the property of this contractor who is responsible for removal of such equipment from site following all environmental, provincial and municipal disposal bylaws for such equipment.
- .2 Stamped and signed disposal certificates to be provided to the Departmental Representative.
- .3 Salvage and turn over existing transformer and switchgear to Departmental Representative. Package, move and delivery as directed by Departmental Representative.

PART 2 - PRODUCTS

- 2.1 GENERAL .1 Provide closure caps for existing equipment, junction and pull boxes being retained but having feeders removed.

PART 3 - EXECUTION

- 3.1 INSTALLATION .1 Provide all materials, appliances and labour to complete demolition/removal work as shown on drawings and/or reasonably implied in specifications.

END OF SECTION