

PART 1 - GENERAL

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| <u>1.1 GENERAL</u> | .1 | This Section covers items common to Sections of Division 26. This section supplements requirements of Division 1. |
| <u>1.2 CODES AND STANDARDS</u> | .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. |
| <u>1.3 PERMITS, FEES AND INSPECTION</u> | .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. |
| <u>1.4 MATERIALS AND EQUIPMENT</u> | .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. |
| <u>1.5 FIELD QUALITY CONTROL</u> | .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

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| <u>1.1 GENERAL</u> | .1 | This Section covers items common to the electrical demolition. |
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| <u>1.2 CODES AND STANDARDS</u> | .1 | Do complete demolition/removals in accordance with the Canadian Electrical Code CSA C22.1-2012. |
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| <u>1.3 REMOVED MATERIALS</u> | .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

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| <u>2.1 GENERAL</u> | .1 | Provide closure caps for existing equipment, junction and pull boxes being retained but having feeders removed. |
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PART 3 - EXECUTION

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| <u>3.1 INSTALLATION</u> | .1 | Provide all materials, appliances and labour to complete demolition/removal work as shown on drawings and/or reasonably implied in specifications. |
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END OF SECTION