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| 1.1 | <u>National
Park Act</u> | .1 | Perform work in accordance with the ordinances and laws set out in the National Park Act and Regulations. |
| 1.2 | <u>Canadian
Environmental
Assessment Act
(CEAA)</u> | .1 | Execution of the work is subject to the provisions within the Canadian Environmental Assessment Act (CEAA) Guidelines order of 2003 and subsequent amendments. |
| | | .2 | Failure to comply with or observe environmental protection measures as identified in these specifications may result in the work being suspended pending rectification of the problems. |
| 1.3 | <u>Relics and
Antiquities</u> | .1 | Give immediate notice to Engineer if evidence of archeological finds are encountered during construction, and wait his written instructions before proceeding with work in this area. |
| | | .2 | Relics and antiquities and items of historical or scientific interest such as cornerstones and contents, commemorative plaques, inscribed tablets, and similar objects found on the site shall remain the property of the Department. Protect such articles and request directives from the Engineer. |
| | | .3 | Provide 48 hours notice to the Engineer prior to commencing any work that may interfere with or affect and identified historical or archeological site. Commence work only upon written instruction from the Engineer. |
| 1.4 | <u>Wildlife</u> | .1 | Avoid or terminate activities on site that attract or disturb wildlife. |
| | | .2 | Notify the Park Warden Service of bear and/or cougar activity or encounters on or around the site or crew accommodation immediately. Other wildlife encounters should be reported within 24 hours. |

1.5 Disposal of
Wastes

- .1 All garbage must be stored and handled in conformance with the National Parks Garbage Regulations.
- .2 Do not bury rubbish and waste materials on-site unless approved by the Engineer.
- .3 Remove all demolition, construction and trade waste from the site and dispose of at the designated trade waste landfill.
- .4 No food, domestic garbage or hazardous wastes may be deposited in the trade waste site.
- .5 Dispose of all hazardous wastes in conformance with the Environmental contaminants Act and applicable provincial regulations while observing the Code of Good Practice for Management of Hazardous and Toxic Wastes at Federal Establishments.
- .6 Provide bearproof garbage containers on-site for domestic garbage generated on-site by Contractor's personnel and make arrangement for collection and disposal on a regular basis or when directed by the Engineer.
- .7 Maintain the site in a tidy condition, free from the accumulation of waste products debris and litter.
- .8 Do not dispose or allow to disperse, waste or volatile materials such as mineral spirits, oil or paint thinners or other hazardous wastes into waterways, storm or sanitary sewers. Provide clean-up equipment and adequate supply of absorbent material on-site.

1.6 Drainage

- .1 Provide temporary drainage and pumping as necessary to keep excavations and site free from water.
- .2 Do not pump water containing suspended materials into waterways or drainage systems.
- .3 Control dispersal or runoff of water containing suspended materials or other harmful substances in accordance with Environment Canada - Parks requirements.

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| 1.7 | <u>Fires</u> | .1 | Fires and burning of grubbed material on-site is not permitted. |
| 1.8 | <u>Site Access and Parking</u> | .1 | Restrict vehicle movements to work limits. |
| | | .2 | Do not park vehicles in areas beyond work limits, unless specifically authorized by the Park Warden Service and the Engineer. |
| 1.9 | <u>Site Clearing and Plant Protection</u> | .1 | Protect trees and plants on site and adjacent properties where indicated or as directed by the Engineer. |
| | | .2 | Restrict tree removal to areas indicated and delineated by flagging tape. Trees shall be felled such that they fall within the clearing boundaries. |
| | | .3 | Protect roots of designated trees to dripline during excavation and site grading to prevent disturbance and damage. Avoid unnecessary traffic, dumping and storage of materials over root zone. |
| | | .4 | Where absolutely necessary to work adjacent to trees and shrubs, the Contractor shall exercise all possible care to avoid injury to vegetation. Where roots or limbs over 25 mm in diameter and bark are damaged during operations, trim damaged portion and immediately paint with an approved tree paint. |
| 1.10 | <u>Contractor's Operations</u> | .1 | Confine all operations to the work limits as staked or designated by the Engineer. No activities of any kind may be carried out beyond those work limits without the written permission of the Engineer. |
| | | .2 | Do not store or stockpile construction materials in the trees bordering or being preserved on site. Do not unreasonably encumber the site with products. |
| | | .3 | Equipment maintenance shall only be carried out in designated areas or as approved by the Engineer and Park Warden Service. The use of |

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| 1.10 Contractor's
Operations
<u>(Cont'd)</u> | .3 (Cont'd)
turnouts, campgrounds, picnic areas, work
camps etc., for equipment oil changes and other servicing
will not be permitted. |
| | .4 Used oil, filter and grease cartridges, lubrication
containers and other products of equipment maintenance
shall be collected and disposed of at the nearest
industrial waste facility. |
| | .5 Provide sufficient sanitary facilities and maintain in a
clean condition. |
| | .6 Obtain permit from Park Warden Service for storage of fuel
petroleum or other inflammable liquids. Observe all
restrictions and conditions imposed by the permit
regarding special protection and berming to control spills
and tank damage; fire protection considerations;
provisions for disposal of fouled material and used
petroleum products. |
| | .7 Conduct operations at all times in such a manner as to
preserve the natural features and vegetation in the area.
Cut and fill slopes shall be blended with adjoining
topography. Material from fill slopes will not be
permitted to sluff or roll into surrounding tree cover or
to bury any plant material designated to be retained. |
| | .8 When, in the opinion of the Engineer, negligence on the
part of the Contractor results in damage or destruction of
vegetation, or other environmental or aesthetic features
beyond the staked or designated work area, the Contractor
shall be responsible, at his expense, for complete
restoration including the replacement of trees, shrubs,
topsoil, grass, etc. to the satisfaction of the Engineer. |
| 1.11 Work Adjacent
<u>to Waterways</u> | .1 Do not operate construction equipment in
waterways. |
| | .2 Do not use waterway beds for borrow material. |
| | .3 Do not dump excavated fill, waste material or debris in
waterways. |

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| 1.11 Work Adjacent
to Waterways
<u>(Cont'd)</u> | .4 | Design and construct temporary crossings to minimize erosion to waterways. |
| | .5 | Do not skid logs or construction materials across waterways. |
| | .6 | Avoid spawning beds when constructing temporary crossings of waterways. |
| | .7 | Do not blast underwater or within 100 m of spawning beds. |
| | .8 | The Contractor shall maintain stream flow past the work site and shall prevent silt, debris, and pollutants caused by his operation from entering the water course. |
| | .9 | obtain permit from Park Warden Service when work requires activities within waterways or diverting streams. Observe all restrictions and conditions imposed by the permit regarding erosion control, siltation, fish movement and scheduling work. |
| 1.12 Pollution
<u>Control</u> | .1 | Maintain all temporary erosion and pollution control features installed under this contract. |
| | .2 | Control emissions from equipment and plant as required by specific sections of this specification and to Environment Canada Parks emission requirements. |
| | .3 | Prevent sandblasting, blasting and other extraneous materials from contaminating air beyond application area by providing suitable, temporary enclosures or mats. |
| | .4 | Cover or wet down dry materials and rubbish to prevent blowing dust and debris. Provide dust control for temporary roads and on-site work as specified elsewhere. |

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| 1.13 Contractor's
Employee
Briefing | .1 | Conduct briefing sessions for all employees and sub-Contractor employees highlighting the requirements of this specification section including operation of equipment strictly. |
| 1.14 Measurement
for Payment | .1 | The cost of environmental and aesthetic protection will not be paid for directly but shall be considered incidental to the contract unit prices tendered. |