

PART 1 - GENERAL

1.1 DESCRIPTION OF WORK

- .1 The principal elements of the work are in accordance with the following:
 - .1 Demolition, removal and disposal of the existing dock structures as indicated on the drawings;
 - .2 Supply and installation of new steel pipe floating dock including access ramp and anchoring system; and,
 - .3 Complete restoration of surrounding areas that are affected by the construction activities.

1.2 MINIMUM STANDARDS

- .1 Execute work to meet or exceed:
 - .1 National Building Code of Canada 2010, National Fire Code of Canada 2010, Ontario Building Code 2012 and any other code of provincial or local application, including all amendments up to project date, provided that in any case of conflict or discrepancy, the more stringent requirements shall apply.
 - .2 Rules and regulations of authorities having jurisdiction.
 - .3 Fire Commissioner of Canada, No. 301, Standard for Construction Operations, and No. 302, Standard for Welding and Cutting, June 1982 and Fire Protection Standard for Correctional Institutions - Treasury Board Personnel Management Manual, Occupational Safety and Health, Chapter 3-6, Feb. 1992.
 - .4 Observe and enforce construction safety measures required by National Building Code 2010, Part 8 Safety Measures at Construction and Demolition Sites, Occupational Health and Safety Act and Regulations for Construction Projects, Revised Statutes of Ontario 1990, Chapter O.1 as amended, O. Reg. 213/91 as amended, Workplace Safety and Insurance Board and municipal statutes and authorities.
 - .5 Environmental Protection Act, O. Reg. 102/94 and O. Reg. 103/94.

1.3 TAXES

- .1 Pay applicable Federal, Provincial and Municipal taxes.

1.4 FEES, PERMITS, CERTIFICATES AND LETTERS

- .1 Provide authorities having jurisdiction with information requested.
- .2 Pay fees and obtain certificates, permits and letters required.
- .3 Furnish certificates, permits and letters when requested.

1.5 EXAMINATION

- .1 Examine existing conditions and determine conditions affecting work.

1.6 DOCUMENTS

- .1 Keep one copy of contract documents on the site.

1.7 ELECTRONIC SUBMITTALS

- .1 Submit number of hard copies specified for each type and format of submittal and also submit in electronic format as pdf files.

1.8 CONTRACTOR'S AS-BUILT DRAWINGS AND SPECIFICATIONS

- .1 As work progresses, neatly record significant deviations from the Contract drawings and specifications using fine, red marker on full size white prints and specifications.
- .2 Neatly print lettering and numbers in size to match original. Lines may be drawn free-hand but shall be neat and accurate. Add at each title block note: "AS BUILT". Also circle on List of Drawings each title and number of drawing marked with "AS-BUILT" information. Circle on Table of Contents each specification section number and title of specification sections marked with "AS-BUILT" information.
- .3 Record following significant deviations:
 - .1 Horizontal and vertical location of underground utilities and appurtenances referenced to permanent surface improvement.
 - .2 Location of internal utilities and appurtenances concealed in construction, referenced to visible and accessible features of structure.
 - .3 Field changes of dimension.
 - .4 Other significant deviations which are concealed in construction and cannot be identified by visual inspection.
 - .5 Alternative materials and systems installed replacing original materials and systems specified by trade name.
- .4 Turn one set, paper copy, of AS-BUILT drawings and specifications over to Parks Canada Agency Representative on completion of work.
- .5 If project is completed without significant deviations from Contract drawings and specifications submit to Parks Canada Agency Representative one set of drawings and specifications marked "AS-BUILT".

1.9 PRODUCT DATA

- .1 Prior to submission check and certify as correct, shop drawings and product data sheets. Issue to Parks Canada Agency Representative each submission at least 14 days before dates reviewed submission will be needed.
- .2 Submit 3 prints and 1 electronic copy of product data sheets or brochures for requirements requested in specification Sections and as requested by Parks Canada Agency Representative where shop drawings will not be prepared due to standardized manufacture of product.
- .3 Responsibility for errors, omissions or deviations from requirements of Contract Documents is not relieved by Parks Canada Agency Representative's review of submittals.

1.10 CONSTRUCTION PHOTOGRAPHS

- .1 Submit electronic and hard copy of colour digital photography in jpg format, fine resolution.
- .2 Identification: name and number of project and date of exposure indicated.
- .3 Number of viewpoints and location of viewpoints determined by Departmental Representative.
- .4 Frequency: as directed by Parks Canada Agency Representative.

1.11 ADDITIONAL DRAWINGS

- .1 Parks Canada Agency Representative may furnish additional drawings to clarify work.
- .2 Such drawings become part of Contract Documents.

1.12 PROTECTION

- .1 Protect existing work from damage.
- .2 Replace damaged existing work with material and finish to match original.
- .3 Protect existing trees and plants on site and adjacent properties.

1.13 EXISTING SERVICES

- .1 Establish location, protect and maintain existing utility lines.

1.14 TEMPORARY FACILITIES AND SERVICES

- .1 Provide and maintain temporary facilities and services required to carry out work.
- .2 Remove temporary facilities and services on completion of work.

1.15 WORK AND STORAGE AREAS

- .1 The contractor's work and storage area for materials, equipment and demolition waste is limited to zones that will be designated by the Parks Canada Agency representative.
- .2 Do not conduct work, store materials or equipment or stockpile demolition waste outside of the designated zones without written approval from the Parks Canada Agency representative.

1.16 MATERIAL AND EQUIPMENT

- .1 Use new products unless otherwise specified.
- .2 Deliver and store material and equipment to manufacturer's instructions with manufacturer's labels and seals intact.

1.17 CO-ORDINATION AND CO-OPERATION

- .1 Execute work with minimum disruption to normal use of site.
- .2 Provide necessary barriers, warning lights and signs.

1.18 INSPECTION AND TESTING

- .1 When initial tests and inspections reveal work not to contract requirements, pay for tests and inspections required by Parks Canada Agency Representative on corrected work.

1.19 COST BREAKDOWN

- .1 Before submission of first progress claim, submit detailed cost breakdown for all work included in lump sum items.

1.20 SCHEDULE

- .1 On award of contract submit bar chart construction schedule for work, indicating anticipated progress stages within time of completion.
- .2 Do not change schedule without approval of Parks Canada Agency Representative.
- .3 No in-water work is permitted in time period between March 15, 2015 and July 15, 2014.
- .4 Demolition and removal of existing structures is to be completed by November 15, 2014.
- .5 All work is to be completed by May 15, 2015.

1.21 CLEANING

- .1 Maintain project free of accumulated waste and rubbish.
- .2 Final cleaning:
 - .1 Remove temporary protection.
 - .2 Remove dust, dirt and foreign matter from surfaces.
 - .3 Broom clean floating dock and access ramp surfaces.

1.22 CONSTRUCTION & DEMOLITION WASTE

- .1 Carefully source separate materials/equipment and divert from D&C waste destined for landfill to maximum extent possible. Reuse, recycle or sell material off site for reuse except where indicated otherwise. On site sales are not permitted.
- .2 Submit a waste reduction workplan indicating the materials and quantities of material that will be recycled and diverted from landfill.
 - .1 Indicate how material being removed from the site will be reused or recycled.
- .3 Submit proof that all waste is being disposed of at a licensed land fill site or waste transfer site. A copy of the disposal/waste transfer site's license and a letter verifying that said landfill site will accept the waste must be supplied to Parks Canada Agency Representative prior to removal of

waste from the demolition site.

1.23 DESIGNATED SUBSTANCES

- .1 The work area has not been surveyed for the presence of designated substances referred to in the Occupational Health and Safety Act and Regulations for Construction Projects, O.Reg. 213/91 as amended.
- .2 If during execution of work existing asbestos, lead, PCBs, or other designated or hazardous material is discovered (e.g. fireproofing, acoustic or thermal insulation, pipe or tank covering) stop work and immediately notify Parks Canada Agency Representative. Do not remove any existing material containing asbestos fibres.

1.24 SPECIAL PROTECTION AND PRECAUTIONS

- .1 Comply with the requirements of the Workplace Hazardous Materials Information System (WHMIS) regarding use, handling, storage, and disposal of hazardous materials; and regarding labelling and the provision of material safety data sheets acceptable to HRSDC - Labour Program.

1.25 POLLUTION CONTROL

- .1 Spills of deleterious substances:
 - .1 Immediately contain, limit spread and clean up in accordance with provincial regulatory requirements.
 - .2 Report immediately to Ontario Spills Action Centre: 1-800-268-6060.
 - .3 Further information on dangerous goods emergency clean-up and precautions including a list of companies performing this work can be obtained from the Transport Canada 24-hour number (613) 996-6666 collect.

PART 2 - PRODUCTS

2.1 NOT USED

- .1 Not used.

PART 3 - EXECUTION

3.1 NOT USED

- .1 Not used.

END OF SECTION