

PART 1 - GENERAL

1.1 Minimum Standards

1. Execute work to meet or exceed:
 1. National Building Code of Canada 2015, National Fire Code of Canada 2015, 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.
 4. 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, R.R.O. 1990, Reg. 834. O. Reg. 629/94 as amended, Diving Operations.
 5. Environmental Protection Act, O. Reg. 102/94, O. Reg. 103/94, and Regulation 347.
 6. Canadian Labour Code Part 2.

1.2 Taxes

1. Pay applicable Federal, Provincial and Municipal taxes.

1.3 Fees, Permits and Certificates

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

1.4 Examination

1. Before submitting tender, examine existing conditions and determine conditions affecting work.
2. Obtain all information which may be necessary for proper execution of Contract.

1.5 Site

1. Confine work, including temporary structures, plant, equipment and materials to the minimum required to complete construction. The drawings indicate permitted

access routes to the site and, permissible work and storage areas. Confine all operations to these locations. Movement of equipment, tools, machinery, etc. in areas that are within the two year high water mark is to be minimized. Ensure that public access is maintained to the Navy Monument throughout the duration of construction.

2. Contractor Parking is to be confined to the site, as indicated on the drawings, and not to interfere with the adjacent properties, driveways etc.
3. Make adjustments, as directed by the Engineer, to correct any issues which may affect neighbouring properties.
4. Off site work is required (construction of gangway, floating docks and strut system) to complete the work at a facility arranged and paid for by the contractor.
5. Locate temporary buildings, roads, walks, drainage facilities, services as directed and, maintain in a clean and orderly manner.

1.6 Construction and Storage Areas

1. The limits of the Construction and Storage Area are shown on the drawings. Should the Contractor require additional area(s) for work and storage, the Contractor will be responsible for arranging for permission to use these areas and for obtaining releases from the affected Owners at the end of the project indemnifying the Contract and the Owner from any claim from the Owner of the land used in the form acceptable to the Engineer.

1.7 Documents

1. Keep on site one copy of Contract Documents and reviewed Shop Drawings.

1.8 Engineer

1. The National Capital Commission will appoint or designate a representative for this contract who will be referred to as the Engineer. The Contractor will be informed of the designated individual or individuals. Should it be required to change the Engineer, the Contractor will be informed.

1.9 Additional Drawings

1. The Engineer may furnish additional drawings to clarify work.
2. Such drawings shall become part of the Contract Documents.

1.10 Reproduction of Contract Document

1. Reproduce and distribute Contract Documents and all drawings to all Sub-Contractor and Contractor employees required to adequately control the work and provide information to all trades.

1.11 Layout of Work

1. Immediately upon entering the site for purpose of beginning work on this project, locate all general reference points and take proper action necessary to prevent their disturbance.
2. Supply stakes and other survey markers required for this work. Employ competent personnel to lay out work in accordance with lines and grades provided.
3. Maintain all reference points and markers for duration of Contract.

1.12 Co-operation and Protection

1. Execute work with minimum disturbance to occupants, public and normal use of site (outside of delineated work and storage areas). Make arrangements with Engineer to facilitate execution of work.
2. Maintain access and exits.
3. Provide necessary barriers, warning lights and signs. Replace damaged existing and new signs and work with material and finish to match work of similar nature specified elsewhere in the Contract or to match the original in good condition if no similar work is specified.

1.13 Existing Utilities

1. Establish location, protect and maintain existing utilities.
2. Connect to existing utilities with minimum disturbance to pedestrian and vehicular traffic and only with the approval of the utility owner.
3. Power for construction is not available at the site. The Contractor shall arrange for and provide all power requirements necessary to complete the work.

1.14 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.

3. When material or equipment is specified by standard or performance specifications, upon request of Engineer, obtain from manufacturer an independent testing laboratory report, stating that material or equipment meets or exceeds specified requirements.

1.15 Inspection and Testing

1. The Engineer may employ an Inspection and Testing company to ensure work conforms with Contract Documents.
2. When initial tests and inspections reveal work not to Contract requirements, pay for additional tests and inspections required by Engineer on corrected work.

1.16 Fires

1. Burning any material or rubbish on site is not permitted.

1.17 Progress Photographs

1. As soon as work commences, take periodic progress electronic/digital photographs from four locations.
2. View points, which will best illustrate progress of work, will be selected by the Engineer.
3. Forward electronic photos to Engineer.

1.18 Datum

1. Elevations and soundings shown on Drawings are expressed in metres relative to the established bench mark.

1.19 Site Meetings

1. Site meetings will be held at a maximum interval of every two weeks, at a designated site (by the Engineer) unless otherwise directed by the Engineer.
2. Ensure that all key site personnel and a representative from the Contractor, who is designated to speak on behalf of the Contractor and can commit the Contractor to action and price, is present at the meetings.

1.20 Washroom Facilities

1. The Contractor shall supply an acceptable chemical toilet and locate as directed by the Engineer. The toilet shall be thoroughly cleaned at least once a week and shall be a minimum of 10 meters from the water.

2. No waste or chemicals will be allowed to stain or wet the ground or be washed by rain into the waterway. The Contractor will have a spill kit on site capable of preventing such an occurrence.

1.21 OPSS and OPSD

1. OPSS Ontario Provincial Standard Specifications and OPSD Ontario Provincial Standard Drawings are quoted in these specifications. Copies of these standards are not included in these documents but the latest editions will be considered to be an integral part of these specifications. Generally they are available online at <http://www.ragsa.mto.gov.on.ca/techpubs/ops.nsf/OPSHomepage> .

1.22 Protection of the Site

1. Prevent damage to any features of the site to remain (trees, structures, etc.). Modify operations, as directed by the Engineer, if the methods being used are considered to be detrimental to any site features to remain in place.
2. No works shall be undertaken in the water between the following dates: March 15 to July 15 in any year.

1.23 Measurement and Payment

1. No measurement for payment will be made for the work of this section. Payment shall be by lump sum under the item, "Balance of Project". This item includes all costs for material, equipment, personnel, overhead, etc. required to do the work called for in this section as well as for work which is not specifically designated under the payment clauses in other sections of these specifications and is required to complete the work of the project. Items of work included in the item, "Balance of Project", but not restricted to, are:
 1. Mobilization and Demobilization,
 2. Designing and installing all temporary means of access to the work areas, temporary barriers and enclosures,
 3. Providing construction fencing and perimeter security measures around the work area,
 4. Maintaining the work and storage area for the duration of the work,
 5. Fees and permits,
 6. Layout of the work,
 7. Temporary utilities and construction facilities,
 8. Removal of temporary means of access,
 9. Progressive and final site cleaning, and
 10. Landscaping and site restoration (with regard to areas of the site that have been damaged as a result of the work of this contract).

PART 2 - PRODUCTS

2.1 Not Used

1. Not Used

PART 3 - EXECUTION

3.1 Not Used

1. Not Used

***** END OF SECTION *****