

PART 1 - GENERAL

1.1 WORK COVERED BY
CONTRACT DOCUMENTS

- .1 Work of this Contract comprises of demolition, removal and disposal of the structures at the property of Hope Island located north-west of Penetanguishene, Ontario, identified as PWGSC Project Number R.078904.001. The work shall include but no limited to the following:
 - .1 Locate and protect marine cables.
 - .2 Protect and maintain Navigation Light and Helicopter Pad.
 - .3 Establish temporary construction access to the island as required to complete the work.
 - .4 Demolition, removal and disposal of all designated substances and hazardous materials with accordance to regulatory requirements.
 - .5 Demolition, removal and disposal of entire building structures and foundations of the following:
 - .1 Boathouse.
 - .2 Lighthouse.
 - .3 Fog House.
 - .4 Generator Building.
 - .5 Residence 1.
 - .6 Residence 2.
 - .7 Wharf.
 - .8 Concrete Pad.
 - .9 Concrete Holding Tank Supports.
 - .10 Concrete Rubble Pile.
 - .11 Timber Mounted Signs.
 - .12 Reinforced concrete adjacent to fog alarm building.
 - .13 Underground cabling between buildings (if present)
 - .14 Concrete paving
 - .6 Rough grading of property.
 - .7 Relocate existing rip-rap along shoreline.
- .2 Work shall include provision of all equipment, machinery, tools, and other equipment required to perform the work.
- .3 Work shall include provision of all labour, skilled trades, supervision staff, health and safety staff, sub-trades and other staff required to perform the work.

1.2 CONTRACT METHOD

- .1 Lump sum contract.

1.3 WORK SEQUENCE

- .1 Co-ordinate Work Schedule with Owner and Departmental Representative during demolition.
- .2 Provide a Site Access Plan prior to the start of the project to be approved by the Departmental

		Representative.
	.3	Provide a Demolition Plan for each structure prior to the start of work to be approved by the Departmental Representative.
<u>1.4 CONTRACTOR USE OF PREMISES</u>	.1	Co-ordinate use of premises under direction of the Departmental Representative.
	.2	The Fog House may be utilized to temporarily store designated substances and hazardous materials prior to off site disposal.
<u>1.5 OWNER OCCUPANCY</u>	.1	Owner will not occupy premises during demolition period.
<u>1.6 ALTERATIONS, ADDITIONS OR REPAIRS TO EXISTING BUILDING</u>	.1	Repair or replace existing items which is not part of demolition work that are altered during demolition operations to match existing or adjoining work.
	.2	At completion of operations, the condition of existing items which are not part of the demolition work to be equal to or better than before new work started.
<u>1.7 EXISTING SERVICES</u>	.1	Notify Departmental Representative and utility companies of termination of services and obtain required permission.
	.2	Where Work involves breaking into or connecting to existing services, give Departmental Representative 48 hours' notice for necessary interruption of mechanical or electrical service throughout course of work. Minimize duration of interruptions.
<u>1.8 DOCUMENTS REQUIRED</u>	.1	Maintain at job site, one copy each document as follows: .1 Contract Drawings. .2 Specifications. .3 Addenda and amendments. .4 Reviewed Shop Drawings. .5 List of Outstanding Shop Drawings. .6 Change Orders. .7 Other Modifications to Contract. .8 Field Test Reports. .9 Copy of Approved Work Schedule. .10 Health and Safety Plan and Other Safety Related Documents. .11 Other documents as specified.
<u>1.9 WORK SCHEDULE</u>	.1	All work needs to be completed by March 31 st 2018, it is anticipated that all work is to be completed within 2017 and before the inclement weather.

Contractor is to provide sufficient resources to accomplish this. Contractor is to provide suitable storage on site for materials to protect against inclement weather.

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 ACCESS AND EGRESS</u> | <p>.1 Design, construct and maintain temporary "access to" and "egress from" work areas, including barge unloading/loading area, stairs, runways, ramps or ladders and scaffolding, independent of finished surfaces and in accordance with relevant municipal, provincial and other regulations.</p> <p>.2 The Contractor shall fully familiarize himself with access to the Work Area.</p> |
| <u>1.2 USE OF SITE AND FACILITIES</u> | <p>.1 Execute work with least possible interference or disturbance to normal use of Georgian Bay Waterway. Make arrangements with Departmental Representative to facilitate work as stated.</p> <p>.2 Maintain existing access to Navigation Light.</p> <p>.3 Contractor shall provide their own sanitary facilities and place them at locations designated by the Departmental Representative. Keep sanitary facilities clean.</p> |
| <u>1.3 ALTERATIONS, ADDITIONS OR REPAIRS TO EXISTING BUILDING</u> | <p>.1 Arrange with Departmental Representative to facilitate execution of demolition work.</p> |
| <u>1.4 EXISTING SERVICES</u> | <p>.1 Notify Departmental Representative and utility companies of intended interruption of services and obtain required permission.</p> <p>.2 Where Work involves breaking into or connecting to existing services, give Departmental Representative 48 hours of notice for necessary interruption of mechanical or electrical service throughout course of work. Keep duration of interruptions to minimum. Carry out interruptions during such hours so that interruption to neighboring businesses and property is kept to a minimum.</p> <p>.3 Provide for personnel, vehicular and vessel traffic.</p> |
| <u>1.5 SPECIAL REQUIREMENTS</u> | <p>.1 Carry out Work with accordance to Ministry of Labour work hour requirements. Confirm with Departmental Representative and Owner prior to execution of work.</p> <p>.2 Ensure Contractor's personnel employed on site become familiar with and obey regulations including safety, fire, traffic and security regulations.</p> |
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- .3 Keep within limits of work and avenues of ingress and egress.
- .4 In-water work restriction period is from September 15th to July 15th.
- .5 There is a Birds nest located on the Northern side of the lighthouse. Barn swallow nests were observed in all the buildings. No birds nest can be disturbed until the birds have left the nest.
- .6 Demolition work shall only begin after August 30th, 2017. Contractor may mobilise to site prior to this date but cannot begin demolition work until after August 30th, 2017. Contractor is not allowed to enter the buildings until after August 30th, 2017

1.6 SECURITY

- .1 Where security has been reduced by Work of Contract, provide temporary means to maintain security.

1.7 BUILDING SMOKING
ENVIRONMENT

- .1 Comply with smoking restrictions. Smoking is not permitted.

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 REFERENCES AND CODES

- .1 Perform Work in accordance with National Building Code of Canada (NBC)2015 including amendments up to tender closing date and other codes of provincial or local application provided that in case of conflict or discrepancy, more stringent requirements apply.
- .2 Meet or exceed requirements of:
 - .1 Contract documents.
 - .2 Specified standards, codes and referenced documents.

1.2 HAZARDOUS MATERIAL
DISCOVERY

- .1 Asbestos: demolition of spray or trowel-applied asbestos is hazardous to health. Stop work immediately when material resembling spray or trowel-applied asbestos is encountered during demolition work. Notify Departmental Representative.
- .2 PCB: Polychlorinated Biphenyl: stop work immediately when material resembling Polychlorinated Biphenyl is encountered during demolition work. Notify Departmental Representative.
- .3 Mould: stop work immediately when material resembling mould is encountered during demolition work. Notify Departmental Representative.

1.3 BUILDING SMOKING
ENVIRONMENT

- .1 Comply with smoking restrictions and municipal by - laws.

PART 2 - PRODUCTS

2.1 NOT USED

- .1 Not Used.

PART 3 - EXECUTION

3.1 SPECIES-AT-RISK

- .1 If suspected Species-At-Risk are encountered, stop work and contact the Departmental Representative immediately.
- .2 If nesting birds are encountered, stop work and contact Departmental Representative immediately. Do not disturb the nest until the birds have

permanently left the nest as per the Migratory Birds Act.

- .3 A Species-At-Risk evaluation and relocation may be undertaken during the Project. Contractor is to stop work and/or provide assistance where applicable once directed to by the Departmental Representative to facilitate this.
- .4 Barn Swallows nests have been identified in all buildings. Contractor shall not enter the buildings until after August 30th, 2017.

END OF SECTION

PART 1 - GENERAL

1.1 CONSTRUCTION AND
DEMOLITION WASTE

- .1 Carefully deconstruct and source separate materials/equipment and divert, from D&C waste destined for landfill to maximum extent possible. Target for this project is minimum 60% diversion from landfill. Reuse, recycle, compost, anaerobic digest or sell material for reuse except where indicated otherwise. On site sales are not permitted.
- .2 Source separate waste and maintain waste audits in accordance with the Environmental Protection Act, Ontario Regulation 102/94 and Ontario Regulation 103/94.
 - .1 Provide facilities for collection, handling and storage of source separated wastes.
 - .2 Source separate the following waste:
 - .1 Blue box materials.
 - .2 Brick and concrete.
 - .3 Drywall.
 - .4 Glass.
 - .5 Insulation.
 - .6 Metal.
 - .7 Fluorescent bulbs.
 - .8 Rubber.
 - .9 Wood.
 - .10 Porcelain Tile/Toilets/Urinals.
- .3 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, recycled, composted or anaerobically digested.
- .4 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 Departmental Representative prior to removal of waste from the demolition site.
- .5 Provide suitable storage to protect all materials from inclement weather.

1.2 WASTE PROCESSING
SITES

- .1 Province of: Ontario.
 - .1 Ministry of Environment and Energy, 135 St. Clair Avenue West, Toronto, ON, M4V 1P5.
 - .2 Telephone: 800-565-4923 or 416-323-4321.
 - .3 Fax: 416-323-4682.

- .2 Recycling Council of Ontario: 215 Spadina Avenue,
#225, Toronto, ON, M5T 2C7.
- .1 Telephone: 416-657-2797.
- .2 Fax: 416-960-8053.
- .3 Email: rco@rco.on.ca.
- .4 Internet: <http://www.rco.on.ca/>.

PART 2 - PRODUCTS

2.1 NOT USED .1 Not Used.

PART 3 - EXECUTION

3.1 NOT USED .1 Not Used.

END OF SECTION