

## **Replacement of Port Dover SAR dock Including Beams and Decking above Water**

The condition of the Port Dover Dock east of the Coast Guard residence building is severely deteriorated. The dock has been barricaded since 2012 as it is considered structurally unsafe. The hollow core concrete slab is severely spalled and cracked through, and wood beams edging the dock are missing or falling off. There is concern regarding the dock becoming submerged and causing damage to search and rescue vessels.

A construction project is planned to replace the failed decking system according to the engineered design detailed in the drawings and specifications. All work is expected to take place above the water.

### DELIVERABLES/SCOPE OF WORK

Work to be done under this Contract consists of the reconstruction and re-instating of usability of the dock East of the Port Dover SAR Station, located on the shoreline of Lake Erie with access from Passmore Avenue.

The work generally consists of the supply of small tools, heavy equipment, operators and labourers, and the supply of material to complete the site work tasks as detailed in the drawings and specification. Work tasks included, but are not limited to the following items:

1. Mobilization and demobilization
2. Remove pedestal
3. Remove tire bumpers and solar lights
4. Disconnect steel sheet piles and temp. support
5. Remove and dispose of wood materials
6. Remove and dispose of concrete materials
7. Supply and install new caissons
8. Supply and install 1 – W310x28 Steel Beam
9. Supply and install 4 – W310x97 Steel Beams
10. Supply and install 6 – C200x28 Steel Channels
11. Supply and install 16 – C200x17 Steel Channels
12. Supply and install L152x100x9.5 Angle
13. Paint
14. Supply and install Steel Pan Decking
15. Supply and install Conc. Slab and Reinforcing
16. Supply and install Wood Bumpers
17. Reinstall tire bumpers and solar lights

### FAMILIARIZATION WITH SITE

Before submitting a bid, bidders can visit the site and its surroundings, at their own expense, to review and verify the form, nature, and extent of the work, materials needed for the completion of the work, the means of access to the site, severity, exposure, and uncertainty of weather, soil conditions, any accommodations they may require, and in general shall obtain all necessary information as to risks, contingencies, and other circumstances which may influence or affect their bid. The site can be observed from the public road and adjacent grassy area at Passmore Ave and Port Dover Harbour Marina. No access of any kind is permitted on the Dock, on the SAR station property, on the SAR station Wharf, or Floating Dock. Due to Covid 19 restrictions, the SAR Crew cannot be contacted. No allowance shall be made subsequently in this connection on account of error or negligence to properly observe and determine the conditions that will apply.

Contractors, bidders, or those they invite to site are to review specification Section 01 35 28 – Health and Safety Requirements before visiting site. Take all appropriate safety measures for any visit to site, either before or after acceptance of bid. Follow Provincial and Federal guidance for social distancing and enhanced hygiene practices.

