

INVITATION FOR PRE-QUALIFICATION

T-274(A)-12

REQUEST FOR PRE-QUALIFICATION FOR THE OAKVILLE WATER PURIFICATION PLANT PHASE 2 UPGRADES W2062B

Issue Date: Thursday, January 26, 2012

Closing Date: Thursday, February 9th, 2012

Closing Time: 2:00 P.M. Oakville Time

Pre-qualification documents can be viewed or obtained on and after the issue date from Purchasing Services Halton Region, 1151 Bronte Road, Oakville, ON, L6M 3L1, during regular business hours of 8:30 A.M. to 4:30 P.M. For enquiries telephone 905-825-6000, toll free 1-866-4HALTON (1-866-442-5866), ext. 7011.

The cost for pre-qualification documents is **\$30.51 (includes HST)**, payable to Halton Region, which is non-refundable. Pre-qualification documents can be shipped to bidders for an additional non-refundable handling fee of **\$12.20 (includes HST)**. Pre-qualification Documents are also available to download from Halton's web-site at www.halton.ca/shop for a non-refundable fee of **\$12.20 (includes HST)**.

Halton Region relies on this advertisement to provide public notice of this business opportunity and is not obligated to notify any potential bidders in any other manner.

For further information go to: www.halton.ca/shop

If you require clarifications, please contact:

Purchasing Inquiries: Randy Jensen, Purchasing Supervisor/Senior Analyst
Phone: (905)-825-6000 ext 7038
Email: Randy.Jensen@halton.ca

Objectives:

The Region is preparing for the next phase of upgrades to the Oakville Water Purification Plant (WPP) as part of an ongoing commitment to ensure a more robust and reliable treatment facility that will continue to provide high quality water to the Halton Water Supply System (WSS).

The purpose of this Request for Pre-qualification T-274(A)-12 is to establish a minimum level of experience and competency that is required to successfully execute the proposed civil, structural, architectural, mechanical, electrical and instrumentation and controls upgrades at the Oakville Water Purification Plant, as described below, and to select qualified contractor firms who will be invited to

bid on the construction tender of the next phase of proposed upgrades at the Oakville WPP. The Contractor categories being pre-qualified are:

- General Contractor
- Mechanical Sub-Contractor
- Electrical Sub-Contractor

Each company to pre-qualify should submit all necessary information as set within this request. For companies submitting on more than one category, all requested information requested within this request should be submitted for each category.

All Contractors must be prequalified in order to be considered for the tender bid process for the Oakville WPP Phase 2 Upgrades. Any Contractor previously prequalified for other works with the Region must resubmit for this project. If submitting as a team, all team members shall be named.

Scope of Work:

The scope of work for the Oakville WPP Phase 2 Upgrade Project, W-2062-B includes upgrades to the existing Low Lift Pump Station and Filter Building; modifications to the existing Waste Holding Tank including the construction of a new High Lift Pump Station within; modifications to existing yard piping, construction of new water mains and connections to the existing distribution system; construction of a new elevator and various architectural and structural restorations.

Generally, without limiting the scope of the project, the work covered by this pre-qualification covers:

- All works associated with the construction required for the proposed upgrades
- All associated site restoration works
- Project planning and execution
- Start-up and commissioning
- Training

Low Lift Pump Station

- Replace existing raw water pumps
- Pump discharge piping modifications
- Electrical and instrumentation upgrades
- Install new bridge crane system to replace existing monorails
- Architectural upgrades including building envelope recladding
- Install new overhead door

Filter Building

- Replace filter building roof
- Replace existing filter underdrain system with a new filter underdrain system
- Replace the filter media
- Replace entire piping in the filter pipe gallery
- Replace the backwash supply pumps in the filter pipe gallery
- Replace existing filter influent valves with new slide gates

- Complete upgrade of the controls and instrumentation system,

High Lift Pump Station

- Construct a new High Lift Pump Station within the existing Waste Holding Tank (an existing buried tank)
- Decommission existing High Lift Pump Station
- Modifications to existing high lift suction flume to reroute into new High Lift Pump Station
- Provide medium voltage power to new High Lift Pump Station
- Tie-in new high lift pump discharge into distribution system in two locations, requiring microtunnelling

The execution of this retrofit project presents several challenges which include:

- Project staging to ensure that the plant remains operational and in compliance with all regulatory requirements, while meeting Halton's distribution demands throughout the project duration.
- Coordination with Plant Operations and Distribution for plant shutdowns required for critical tie-ins – Each Plant shutdown will be limited to a maximum of 72 hours and will need to take place during low demand periods
- Phased approach to accommodate multi-discipline activities within the same area
- Consideration for delivery of long lead equipment to fit within the constraints of the project schedule
- Start-up sequencing to ensure plant performance and compliance
- Removal of designated substances
- Limited construction storage and staging areas
- Working within a sensitive residential area

The Pre-qualification will be evaluated on the following criteria:

1) Demonstrated experience in similar projects, type and value

2) Demonstrated experience in regard to:

- Coordinating with Operation staff
- Working with restrictive shutdown constraints
- Customer service
- Quality of workmanship
- Response to warranty issues
- Understanding of regulatory compliance as it pertains to Water Treatment/Distribution Facilities in the Province of Ontario

3) Staff Information and Related Experience

4) Scheduling – meeting construction deadlines, managing subtrades/resources and critical path

5) Corporate History/Structure/ Company Background/ Litigation and Liens

6) Required bonding capacity and insurance

7) Health and Safety Program

See document for further information.