

**INVITATION FOR BIDS
FOR
WORK ORDER NO. 10-1141-020
LAKE OSWEGO INTERCEPTOR SEWER – LAKE DOWN CONTRACT
FOR
CITY OF LAKE OSWEGO, OREGON**

Sealed proposals for Work Order No. 10-1141-020 – Lake Oswego Interceptor Sewer – Lake Down Contract for the City of Lake Oswego will be received from prequalified bidders by Joel Komarek, P.E., Project Director, at the reception desk on the 2nd floor at the City of Lake Oswego’s West End Building, 4101 Kruse Way, Lake Oswego, Oregon, 97035 until 2:00 p.m., local time, on the 17th day of February, 2010, and then will be publicly opened and read.

Bids sent via the US Postal Service should be sent to the following address – City of Lake Oswego, P.O. Box 369, Lake Oswego, Oregon, 97034, attention Joel Komarek, P.E., LOIS Project Director

Bids sent via FedEx or UPS should be sent to the following address - City of Lake Oswego West End Building, 4101 Kruse Way, Lake Oswego, Oregon, 97035, attention Joel Komarek, P.E., LOIS Project Director

SCOPE OF WORK: The Lake Down Contract is the second of a multi-phase program to upgrade and replace the existing Lake Oswego Interceptor Sewer to provide reliable long-term service for much of the City of Lake Oswego. The City is replacing the existing Lake Interceptor and trunks as they are undersized and supported on corroded and seismically inadequate piles on the bottom of Oswego Lake. The new interceptor will be a gravity system, constructed of fused high-density polyethylene (HDPE) pipe. It will be held in place by pile supports near the shoreline and by a buoyant tethered system using ground anchors and stainless steel wire rope in the deeper portions of the main lake.

The Lake Down Contract involves the installation of pile supported and buried pipe to connect the buoyant interceptor, which will be installed during the Lake Full Project, to the City’s existing sewer system. The Work consists of, but is not limited to, all labor, materials and equipment needed for installing pile caps, installing concrete manholes, installation of previously fused large-diameter HDPE pipe that has been sunk to the bottom of the lake to be supported by piles or buried, installing a cathodic protection system for the steel components of the pipeline, and bypass pumping existing interceptor flows. Work will be conducted in drawn-down lake conditions with the lake surface at several different water elevations that range from an approximate 22-foot drawn down to lake full (MSL 76.6 feet to 98.6 feet):

Lake Down Project work includes:

- **Pile Caps:** A maximum of 224 steel pipe caps to be fabricated and installed on piles installed during the Lake Full Contract.
- **Concrete Manholes:** 23 concrete manholes and concrete structures to be constructed and installed. 11 in-lake manholes will be supported on grade and with ground anchors, 4 manholes and concrete structures will be supported by piles, and 8 manholes and concrete structures will be constructed on-shore.
- **HDPE Sewer Pipe Installation:** Approximately 7,322 feet total, including 5,178 feet of pile supported pipe and 2,143 feet of buried pipe. Sewer pipe sizes range from 42-inches to 8-inches in diameter. Pipe 22 inches and larger will be fused and sunk to the bottom of the lake by the Lake Full CONTRACTOR prior to the Work.

- **Earthwork for HDPE Sewer Pipe Installation:** Approximately 5,000 cubic yards of neatline excavation, 650 cubic yards of neatline over-excavation, 1,000 cubic yards of neatline select fill for bedding and backfill, and 4,400 cubic yards of material to be hauled out of the lake.
- **Temporary Sanitary Bypass Pumping:** Approximately 24 temporary pump stations with flows ranging from over 6,000 gpm at several locations for the existing interceptor bypasses to under 5 gpm for many lateral lines. Fused HDPE will be utilized for bypass pumping piping, lengths may range from 4,400 ft to 100 ft long. The duration of each bypass pump station will vary depending on the work conducted, ranging from 6 months to 2 weeks.
- **Cathodic Protection System:** Cathodic protection for approximately 337 piles and pile caps including power drops, cable, and rectifiers.
- **TV Inspection:** TV inspection of the interior of new in-water HDPE piping to assure design grade is achieved within tolerances.

General contractors, as well as subcontractors in the specialty fields of Marine Construction and Bypass Pumping, must already be prequalified by an earlier, separate process with the City of Lake Oswego to submit a bid on this project.

No proposal will be considered by the OWNER unless the proposal form contains, or is accompanied by, a statement by the bidder as part of the proposal that the provision required by ORS 279C.840 pertaining to prevailing wages shall be included in the contract. CONTRACTOR licensing under ORS 468A.720 for asbestos abatement **is not** a requirement of this project. Each bid must contain a statement as to whether or not the bidder is a resident bidder as defined in ORS 279A.120. Each bid must also contain a statement as to whether the bidder is registered with the Oregon Construction Contractors Board or licensed by the State Landscape Contractors Board as required by ORS 671.530 and ORS 701.005.

OWNERS RIGHTS RESERVED: The City of Lake Oswego, Oregon reserves the right to reject any and all bids not in compliance with all prescribed bidding procedures and requirements, or upon a finding by the City that it is in the public interest to do so.

The Contract Documents may be obtained at Willamette Print and Blueprint, 3461 NW Yeon Ave. Portland, OR 97210 (http://www.wpbinc.com/content/digital_planroom). Copies may be obtained upon payment per Willamette Print and Blueprint's standard pricing. Copies of the Contract Documents can be shipped upon request and upon the receipt of an additional fee to cover postage and handling.

Contact the ENGINEER, Brown and Caldwell—Jon Holland or Mike Prett—at 503-244-7005, with any questions.

Published in the Daily Journal of Commerce on December 17th, 2009.

ATTACHMENT

Classes of Work

City of Lake Oswego Project-Specific Prequalification Categories:

- General Contractor
- Marine Support Contractor
- Bypass Pumping Contractor

ODOT Prequalification Categories:

- Erosion Control (temporary and permanent erosion and sediment control; separate erosion control permit if required)
- Temporary Traffic Control (all temporary traffic control items including flaggers and pilot cars)