

# CITY OF RICHMOND INVITATION TO TENDER

## Contract T.2892

### Contract: AC Watermain Replacement, Comstock Area

The City of Richmond invites tenders for construction work at the above-mentioned locations. Work under the Contract generally comprises:

Supply & Installation of 1690 lineal metres of 150mm dia. watermain and 43 linear metres of 100mm dia. watermain. Supply and installation of 14 fire hydrants and 156 service connections.

The *Contract Documents* are available on or after Wednesday, August 23, 2006 during normal business hours at Front of House of the Richmond City Hall at:

6911 No. 3 Road, Richmond, BC, V6Y 2C1

on payment of a **non-refundable** amount of \$50.00 including GST payable to:

#### City of Richmond

Contractors are responsible for arranging their own Couriers for picking up copies of the documents. All Couriers must come with the required cheque/cash and be prepared to complete the Tender Document form with Company Name, Contact information, Telephone Number, Fax and E-mail address.

The *Contract Documents* are available for viewing at:

Front of House, Richmond City Hall, 6911 No. 3 Road, Richmond and Vancouver Regional Construction Association, 3636 East 4th Avenue, Vancouver.

#### Tenders are scheduled to close at:

**Tender Closing Time:** 3:00 PM local time

**Tender Closing Date:** Tuesday, September 12, 2006 and will be opened publicly immediately thereafter in Richmond City Hall

**Tender Submission Address:** Manager – Purchasing & Risk  
Front of House, Richmond City Hall  
6911 No. 3 Road, Richmond, BC, V6Y 2C1

A valid tender consists of a submission delivered on time complete with the required Bid Bond, Undertaking of Surety and Undertaking of Liability Insurance.

The lowest or any tender will not necessarily be accepted.

Manager – Purchasing & Risk

September 8, 2006  
File: 10-6340-20-P.06403/Vol 01

**Engineering**  
Telephone: (604) 276-4289  
Fax: (604) 276-4197

TO THOSE WHO HAVE RECEIVED COPIES OF T.2892

Dear Sir/Madam:

**Re: Contract T.2892  
Addendum No. 1  
Contract T.2892 2006 AC Watermain Replacement Comstock Area**

This addendum forms part of the Contract Documents and shall be read, interpreted and coordinated with all other parts. The costs of all work contained herein shall be included in the Contract Price. The following revisions supersede the information contained in the original Contract Document to the extent referenced and shall become part thereof.

Tenderers shall acknowledge receipt of this addendum by:

1. Inserting its number and date where provided for on the Form of Tender.

## **2. INVITATION TO TENDER**

- 2.1 Tender Closing Date is changed to Thursday, September 14, 2006
- 2.2 Tender Closing Time remains at 3:00 PM local time

## **3. INSTRUCTIONS TO TENDERERS (IT) – PART 1**

- 3.1 Add the following section:

### **5. Alternate Technologies**

- |  |     |  |
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| <b>Alternate<br/>Installation<br/>Approach</b> | 5.1 | The submittal of alternate methods, specifically Horizontal Directional Drilling (HDD), is encouraged for the installation of the watermain and service connections. The use of trenchless installation for the entire pipeline length or for part of the pipeline |
|--|-----|--|

**Design  
Equivalent** 5.2

length to provide cost saving measures to the *Owner* will be reviewed on a case-by-case basis.

Any proposed alternate approach will need to meet the design intent shown within the contract drawings. The ability to provide hydraulic conveyance for the main line will be an important aspect of any alternate. All alternate construction approaches are to be in accordance with all City of Richmond Design and Materials standards.

- Pipe installation through HDD method shall be on the same horizontal alignment as shown on the drawings.
- If there are utility conflicts encountered where HDD is used and installation is not completed on the same vertical and horizontal alignments shown on the drawings, the contractor shall assume all responsibility for the conflict.
- Pipe materials that will be considered for HDD shall be as specified on the drawings or HDPE as approved by the City. An alternative submission of HDPE shall at minimum have an equal or greater inside diameter than the specified PVC pipe.
- Pipe installation through HDD shall be such that the installation is above the ground water table and can be exposed for maintenance or repair purposes without the aid of a dewatering system.
- The Contractor shall provide professional engineer's certification of maximum pull forces and distances between pulling and receiving pits.

**Submittal  
Requirements** 5.3

No provision for alternate bids has been included within the form of tender for clarity's sake. Any alternate tenders may be submitted according to item 6 in the Instructions to Tenderers – Part II in the space provided in Appendix 6. The details related to the construction schedule, materials used, trenchless pit locations are expected to be included in any submittal to allow review and assessment.

If HDD work is proposed, the *Contractor* shall submit to the City a complete and comprehensive HDD work plan. The drilling program shall contain a drawing showing the intended drill path in plan and profile, depth of cover, entry angle, exit angle, spatial geometric alignment of the proposed drill path, depth and size of surface casings (if proposed), geotechnical data, and any other pertinent data. Further, the written submission shall outline, in detail, each and every step to be taken during pipe installation, pilot hole drilling, hole opening operation and pullback operation including drilling fluids management plan.

#### **4. FORM OF TENDER**

- 4.1 Insert Page B-14 Appendix 6 Alternative Tender (see attachment at the end of this Addendum No.1)

#### **5. SUPPLEMENTARY SPECIFICATIONS (SSP)**

##### **5.1 SSP 8.2 Final Road Restoration Requirements**

Add the following sentences to the end of the first paragraph:

The Bylaw 7869 will only apply to the road cuts on No. 2 Rd. For the road cuts on the remaining local roads the final road restoration will be as shown on the contract drawings.

##### **5.2 SSP 13 Road Closures and Traffic Control**

Delete SSP 13.2 and substitute therefore with the following:

“A minimum of one lane traffic shall be maintained in each direction at all times during construction times on No. 2 Road, all lanes must be open to traffic outside of the authorized construction times. The *Contractor* may close the road on Bassett Pl. with access to local traffic only during construction times, all lanes must be open to traffic outside of the authorized construction times. On all other roads one lane of alternating traffic must be maintained at all times during construction times, all lanes must be open to traffic outside of the authorized construction times.”

Yours truly,

Elena Paller, P.Eng.  
*Engineering Technologist*

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