

CITY OF RICHMOND INVITATION TO TENDER

Contract T.3551

Contract: 2009 Watermain Replacement, Various Locations

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

Supply & Installation of 584 lineal metres of 150mm dia. watermain; 2037 lineal metres of 200mm dia. watermain; 1355 lineal metres of 300mm dia. watermain. Supply and installation of 41 fire hydrants and 179 service connections.

The *Contract Documents* are available on or after May 14, 2009 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

Vendors 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: Thursday, June 4, 2009 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 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



City of Richmond

6911 No.3 Road
Richmond, BC V6Y 2C1
www.richmond.ca

City of Richmond

June 2, 2009

File: 10-6340-30-T.3551/Vol 01

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

TO THOSE WHO HAVE RECEIVED COPIES OF T.3551

Dear Sir/Madam:

**Re: Contract T.3551
Addendum No. 1
2009 Watermain Replacement
Various Locations**

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. **Design Drawings Changes and Clarifications**

2.1. Design Drawings Changes

2.1.1. Replace Note Number 4 on the drawings Wc-950 (1 of 3); Wc-951 (1 of 4); Wc-952 (1 of 3); Wc-953 (1 of 4); Wc-916 (1 of 4); Wc-917 (3 of 3); Wc-918 (1 of 2) with the following note:

Pipe sweeps/bends to be PVC class 150 DR 18 AWWA C900/RJ Cobra Lock Pipe or equivalent. Minimum cover 0.76 meters unless otherwise noted.

2.1.2. Replace Note Number 4 on the drawings Wc-942 (2 of 6) with the following note:

Fittings to be PVC Class 150 DR 18 AWWA C900.

2.1.3 Drawings Wc-916 (1 of 4); Wc-917 (3 of 3); Wc-918 (1 to 2)

Delete **Watermain Note 22** from the Watermain Notes.

2.1.4 Drawing Wc-918 (1 of 2)

On Sparwood Pl East of No.6 Road at STA. 5+94.40 replace 1-200 BLIND FLANGE with the BLOW-OFF assembly as per Richmond Supplementary Detail Drawing W8-SD. The supply and installation cost of the blow-off assembly to be included in the pay item A-1.

2.2. Design Drawings Clarifications

2.2.1 Drawing Wc-916 (1 of 4)

2.2.1.1 At the intersection of Bergen Drive and Daniels Rd. the arrows delineating Contractor's work and City's Work should govern. Contractor will be responsible to supply and install required:

1-200 FL X 200 FL X 200 FL X 200 FL CROSS

4-200 FL X FL GATE VALVE

3-200 FL X 150 TYT REDUCERS

3-150 TEMPORARY CAPS C/W TIE RODS

2.2.1.2 At the intersection of Bergen Drive and Bird Rd. the arrows delineating Contractor's work and City's Work should govern. Contractor will be responsible to supply and install required:

1-200 FL X 200 FLX200 FL TEE

3-200 FL X FL GATE VALVE

2-200 FL X 150 TYT REDUCER

2-150 TEMPORARY CAPS C/W TIE RODS

2.2.2 Drawing Wc-916 (3 of 4)

2.2.2.1 At the intersection of Bergen Drive and Cambie Rd. the arrows delineating Contractor's work and City's Work should govern. Contractor will be responsible to supply and install required:

1-200 FL X 200 FLX200 FL TEE

3-200 FL X FL GATE VALVE

2-200 FL X 150 TYT REDUCER

2-150 TEMPORARY CAPS C/W TIE RODS

2.2.2.2 At the intersection of Bergen Drive and Mellis Dr. the arrows delineating Contractor's work and City's Work should govern. Contractor will be responsible to supply and install required:

1-200 FL X 200 FL X 200 FL X 200 FL CROSS

4-200 FL X FL GATE VALVE

3-200 FL X 150 TYT REDUCERS

3-150 TEMPORARY CAPS C/W TIE RODS

2.2.3 Drawing Wc-917 (1 of 3)

- 2.2.3.1 At the north west limits of the work the arrows delineating Contractor's work and City's Work should govern. Contractor will be responsible to supply and install required:
1-200 FL X 150 TYT REDUCER
1-150 TEMPORARY CAPS C/W TIE RODS

2.2.4 Drawing Wc-917 (2 of 3)

- 2.2.4.1 On Tuttle Ave. east of Patterson Rd. the arrows delineating Contractor's work and City's Work should govern. Contractor will be responsible to supply and install required:
1-200 FL X 150 TYT REDUCER
1-150 TEMPORARY CAPS C/W TIE RODS

2.2.5 Drawings Wc-916 (1 of 4); Wc-916 (3 of 4); Wc-917 (2 of 3); Wc-918 (1 to 2)

The Locations of Test Points to be determined by the contractor. The test points should be as per MMCD STD. DWG. W-5 or approved equal.

2.2.7 Drawing Wc-869 (1 to 3)

The watermain installation on Garden City Road from Alberta Rd. (STA 0+82.50) to STA 2+23.14 and from Ferndale Road to Westminster Hwy is optional work. Garden City Road is arterial road. City of Richmond Roadway Restoration Regulation Bylaw 7869, April 11, 2005 will apply for the final mill and overlay. The cost of supply and installation of final mill and pave is included in the pay item B-1.

3. **City of Richmond Supplementary Specifications Changes**

3.1. **Section 02666 Waterworks**

- 3.1.1. Gate valves specified under the Item 2.3.2.2 (ss) should not be used for this Tender T.3551.
- 3.1.2 Resilient seated gate valves specified under the Item 2.3.2.3 (ss) should be used for this Tender T.3551 except the valve stem should be cast bronze type.
- 3.1.3 Add New Item 2.5.2 (ss):

"All service connections should be complete with tracer wire and stainless steel sleeves at joints in accordance with manufacturer's recommendations."

- 3.1.4 Item 3.6.6 (ss)

Delete the following sentence: "Joint deflection not permitted for PVC pipe".

Replace this sentence with the following sentences: "*Joint deflection for PVC pipe not to exceed the manufacturer's recommendations. Pipe deflections not permitted for PVC pipe.*"

4. Questions and Answers

4.1 Q. Are the materials for the tie-in at Goldstream Drive and No. 3 Road (Dwg. Wc-953 sh.2 of 4) will be supplied by others?

A. The City will supply and install the casing pipe and all other materials required for the tie-in at this location as indicated on the drawing Wc-953.

4.2 Q. Who is supplying materials for City Tie-ins?

A. The City is supplying materials for the City Tie-ins as indicated on the drawings.

4.3 Q. Can milled asphalt material be mixed with the existing road structure and used as a general fill and sub-base?

A. The milled asphalt material **can not** be mixed with the existing road structure and **can not** be used as a general fill and sub-base.

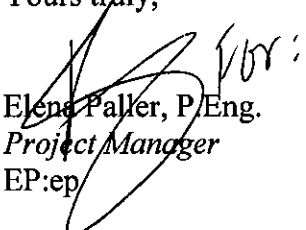
5. Revised Closing Date

Please note that the Tender Closing Date has been changed:

Was: Thursday, June 4, 2009.

Is Now: Tuesday, June 9, 2009 at 3:00pm, Local Time at Richmond City Hall.

Yours truly,


Elena Paller, P/Eng.
Project Manager
EP:ep

Attachment:



City of Richmond

6911 No.3 Road, Richmond, BC V6Y 2C1
Telephone (604) 276-4000
www.city.richmond.bc.ca

City of Richmond

June 4, 2009
File: 10-6340-30-T.3551/Vol 01

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

TO THOSE WHO HAVE RECEIVED COPIES OF T.3551

Dear Sir/Madam:

**Re: Contract T.3551
Addendum No. 2
2009 Watermain Replacement
Various Locations**

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. **Clarifications to the Addendum No.1 Item 2.2 Design Drawings**
Clarifications

2.1. Item 2.2.1.1 Drawing Wc-916 (1 of 4)

At the intersection of Barga Drive and Daniels Rd. the arrows delineating Contractor's work and City's Work should govern. Contractor will be responsible to supply and install required:

- 1-200 FL X 200 FL X 200 FL X 200 FL CROSS
- 4-200 FL X FL GATE VALVE
- 3-200 FL X 150 TYT REDUCERS
- 3-150 TEMPORARY CAPS C/W TIE RODS

The Contractor will also be responsible to install required:

1-200 FL X 200 TYT VERTICAL 45 BEND
3-200 TYT X 200 TYT VERTICAL 45 BEND
1-150 TYT X 150 TYT VERTICAL 45 BEND
10 METERS-150 DIAM PIPE

2.2 Item 2.2.1.2 Drawing Wc-916 (1 of 4)

At the intersection of Barga Drive and Bird Rd. the arrows delineating Contractor's work and City's Work should govern. Contractor will be responsible to supply and install required:

1-200 FL X 200 FLX200 FL TEE
3-200 FL X FL GATE VALVE
2-200 FL X 150 TYT REDUCER
2-150 TEMPORARY CAPS C/W TIE RODS

The Contractor will also be responsible to install required:

1-200 FL X 200 TYT VERTICAL 45 BEND
3-200 TYT X 200 TYT VERTICAL 45 BEND

2.3 Item 2.2.2.1 Drawing Wc-916 (3 of 4)

At the intersection of Barga Drive and Cambie Rd. the arrows delineating Contractor's work and City's Work should **NOT** govern. Contractor will be responsible to supply and install required:

1-200 FL X FL GATE VALVE
1-200 TEMPORARY CAPS C/W TIE RODS

Yours truly,



Elena Paller, P.Eng.

Project Manager

EP:ep

Attachment: