

CITY OF RICHMOND INVITATION TO TENDER

Contract T.3533

Contract: AC Watermain Replacement, Montrose Waterworks Area - Phase 2

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

- Supply and Installation of 660 lineal metres of 150mm dia. watermain
- Supply and installation of 800 lineal metres of 200mm dia. watermain
- Supply and installation of 10 fire hydrants
- Supply and installation of 80 - 25mm service connections
- Supply and installation of three (3) 150mm service connections

The *Contract Documents* are available on or after Tuesday, September 29, 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**

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: Thursday October 15, 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
Business & Financial Services
Department
Finance Division
Telephone: 604-276-4218
Fax: 604-276-4162

October 8, 2009

File:

TO THOSE WHO HAVE RECEIVED COPIES OF T.3533

Dear Sir/Madam:

Re: Contract T.3533
Addendum No. 1
AC Watermain Replacement Montrose Waterworks Area – Phase 2

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.

Drawings replacements associated with addendum No.1 will be sent to the Contractors referenced on the tender distribution list to the contact name and address noted.

Tenderers shall acknowledge receipt of this addendum by inserting its number and date where provided for on the Form of Tender.

1. Scope Clarification

Watermain along Rosehill Drive from Rosevale Road to Ryan Road is to be 200mm diameter is size. Please adjust size of all fittings, bends and valves accordingly to 200mm diameter as required. For details please refer to Figure 2 (attached).

2. Questions and Answers

Tenderer's Initial _____

- Questions** At the intersection of Ryan Rd and Leonard Rd – do we need to provide for a 200 mm tee/gate valve for future replacement heading South? If so, do we need to provide a cap etc., and at what location?
- Answer** Please refer to Figure 1 (Attached)
- Questions** At the intersection of Rosehill Drive and Rosevale Road – do we need to provide a cap etc. at the 200 mm lines heading East & West ? If so, where?
- Answer** Please refer to Figure 2 (Attached)
- Questions** Where does the work end on Leonard Rd. south of Ryan Rd.? Would we install a cap at the tee, gate valve, or after services to address #10300 and #10333? The Instructions to Tenderers Part 1 state that the work on Leonard Rd. is from Ryan Rd. to Williams Rd.
- Answer** Please refer to Figure 1 (Attached)
- Questions** Is there an 11.25 deg. bend at station 6+84.99 on Ryan Rd.? One is labelled on the profile but not shown on the profile view or the plan view.
- Answer** The 11.25 deg. bend at 6+84.99 is a vertical bend so that the new main becomes in line with the existing water main at Rosehill Drive.
- Questions** What is included in this contract at the intersection of Rosevale Rd. and Rosehill Dr.? Are the two gate valves, east and west of the cross, included? If so, would caps be installed?
- Answer** Please refer to Figure 2 (Attached)
- Questions** Under Schedule of Qty (B-9) Item A-1 Description is 300mm PVC typo error.
- Answer** Yes. “*300mm dia.*” is a typo error. Please remove from description of Item A-1.
- Questions** Limit of construction on Leonard south of Ryan Rd?
- Answer** Please refer to Figure 1 (Attached)
- Questions** Limit of construction on Rosehill east and west of Rosevale Rd?
- Answer** Please refer to Figure 2 (Attached)
- Questions** Form of Tender say completion by Nov. 30 while SSP 3 and sample Agreement is Jan 31/2010?
- Answer** Substantial Completion to be Jan 31 2010.
- Questions** Some tie-in materials by City while some tie-in materials are by Contractor (i.e. Ruskin Rd by City, Ryan/Rosehill & Rosehill/Rosevale by Contractor), Do we follow as per plan?
- Answer** Watermain tie-in materials are to be supplied and installed by City forces. Please refer to Figure 2 (attached) for new details regarding the tie-ins at Rosehill/Rosevale and Ryan/Rosehill.

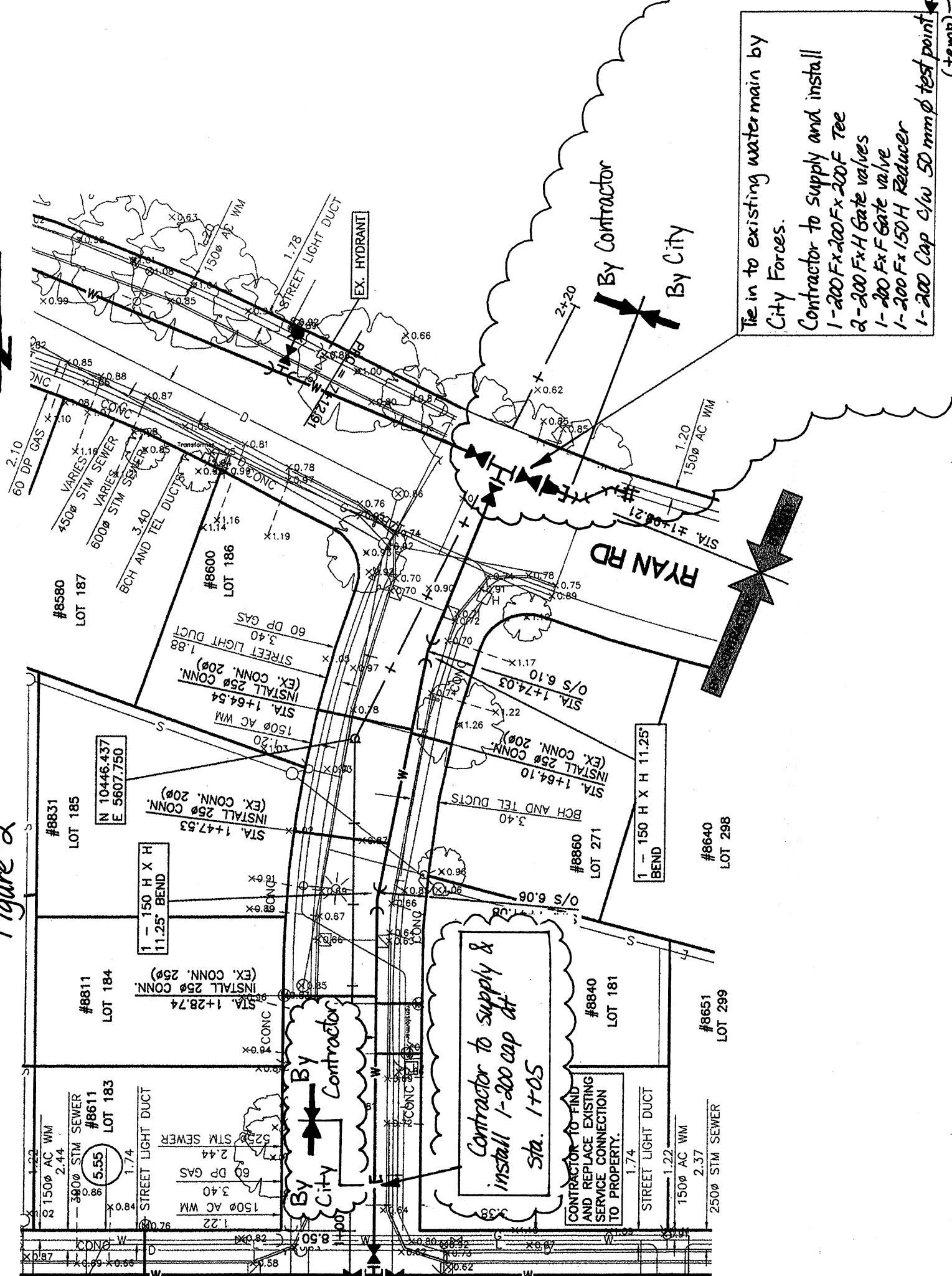
Regards,



Sumita Dosanjh
Buyer II – Contracting Specialist

Tenderer's Initial _____

Figure 2



The in to existing watermain by City Forces.
 Contractor to supply and install
 1-200 Fx 200 Fx 200 F Tee
 2-200 Fx H Gate valves
 1-200 Fx F Gate valve
 1-200 Fx 150 H Reducer
 1-200 Cap c/w 50 mm Ø test point (temp)

Contractor to supply & install 1-200 cap at Sta. 1+05

CONTRACTOR TO FIND AND REPLACE EXISTING SERVICE CONNECTION TO PROPERTY.

By City

By Contractor

By City

N 10446.437
E 5607.750

1 - 150 H X H
11.25' BEND

1 - 150 H X H
11.25' BEND

5.55

STREET LIGHT DUCT

STREET LIGHT DUCT

60 DP GAS

150Ø AC WM

250Ø STM SEWER

3.40

1.74

1.22

1.22

1.22

1.22

1.22

1.22

1.22

1.22

1.22

1.22

1.22

1.22

1.22

1.22

1.22

1.22

1.22

1.22

1.22

1.22

1.22

1.22

1.22

1.22

1.22

1.22

1.22

1.22

1.22

1.22

1.22

1.22

1.22

1.22

1.22

1.22

1.22

1.22

1.22

1.22



City of Richmond
Business & Financial Services
Department
Finance Division
Telephone: 604-276-4218
Fax: 604-276-4162

October 9, 2009

File:

TO THOSE WHO HAVE RECEIVED COPIES OF T.3533

Dear Sir/Madam:

Re: Contract T.3533
Addendum No. 2
AC Watermain Replacement Montrose Waterworks Area – Phase 2

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.

Drawings replacements associated with addendum No.1 will be sent to the Contractors referenced on the tender distribution list to the contact name and address noted.

Tenderers shall acknowledge receipt of this addendum by inserting its number and date where provided for on the Form of Tender.

1. Change in Specifications

Under SECTION D – Supplementary Specifications please remove **SSP 24 Traffic Control** and replace with the follow:

Traffic Control SSP 24 The Contractor is responsible for preparation and submission of a detailed Traffic Management Plan, which must be approved by the City of Richmond prior to starting construction. **The draft Traffic Management Plan is to be forwarded by the successful Tenderer at the pre-construction meeting.** This management plan must address lane closure plans and the how

Tenderer's Initial _____

the same will be handled at all intersections.

The City of Richmond requirements for maintaining traffic flow and the extent and timing of street lane closures are:

1. Work zone traffic controls shall be in accordance with the "Traffic Control Manual for Work on Roadways" as published by the Highway Engineering Branch, Provincial Ministry of Transportation and Highways (per Richmond Traffic Bylaw, Pt. V., Sect. 18.4).
2. Advance warning signs of the roadwork dates and restrictions must be installed three working days prior to the start of construction. Contact Traffic Operations at (604) 276-4388 or (604) 276-4210 to obtain the layout of the sign(s) and the installation locations a minimum of two weeks prior to the start of the project;
3. No roadwork shall be permitted nor material or equipment left on the roadway outside the authorized hours of work.
4. A minimum of one lane of traffic shall be maintained in each direction at all times during the authorized construction times, all lanes must be opened to traffic outside the authorized construction times.
5. Any work near or within an intersection must be conducted so that traffic is maintained in all directions.
6. Any excavation will be back-filled or steel plates will be placed to cover the excavation to allow for the passage of traffic and pedestrians during the non working hours.
7. Safe pedestrian passage and access to adjacent properties must be maintained at all times.
8. At the approaches to signalized intersections extreme care is to be taken to avoid damage to traffic conduits and conductors including vehicle detector loops and leads. Further information or any arrangements required due to unavoidable conflicts are to be directed to the Signal Control Centre, Jeff Bycraft at 604-276-4031 or Steve Matheson at 604-276-4033.
9. The Signal Control Centre is to be advised if any vehicles or equipment are positioned over the detector loops while work proceeds. Temporary reprogramming of the traffic controller may be required.
10. Any weekend work proposed on roadways shall require prior approval from Traffic Operations, any night and/or Noise Bylaw exemptions requires approval from the Engineering Department.
11. There is to be no parking of non essential vehicles on the

roadway (including within the section of lane that is closed).

12. Existing traffic control devices must be respected at all times (only a peace officer has the authority to override intersection traffic signals).
13. Coast Mountain Bus Company must be advised at least one (1) week in advance of any works that will occur in Bus stops or Bus routes. Contact Marty Flick at 604-953-3505.
14. The Contractor is responsible for supplying and placing traffic advisory signs as directed by the City of Richmond Transportation Department.
15. The Contractor is responsible to prepare and deliver construction advisory letters to affected businesses and residents prior to construction and any road lane closure. The Contract Administrator shall review the letters prior to delivery. There will be no additional cost to prepare and deliver the letters.

Traffic Operations assistance and/or enquiries can be directed to Bill Dhaliwal at 604-276-4210 or Cameron Robertson at 604-276-4388.

2. Scope Clarification

- (a) Bylaw 7869 Roadway Restoration Regulation applies to arterial roadways, collector roadways and bus routes. For Contract T.3533, the bylaw would apply to the works in and around the intersections of Williams Road / Leonard Road, and No. 3 Road / Ryan Road. All final asphalt restoration, in accordance with Bylaw 7869, at these intersections will be the responsibility of the Contractor, including the areas where work was completed by City Forces.
- (b) All required joint restraining is to be completed in accordance with the joint restraint tables as shown on the contract drawings.

Regards,



Sumita Dosanjh
Buyer II – Contracting Specialist