

CITY OF RICHMOND INVITATION TO TENDER

Contract T.2808

Contract: Sanitary Sewer Pump Station & Related Pipe Work at Cook Road & Buswell Street.

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

Installation of a sanitary pump station at 6420 Buswell Street. The new pump station will require approximately 64m of 200mm, 450mm & 525mm dia. gravity sanitary sewers and approximately 420m lineal metres of 350mm dia. sanitary force main and associated appurtenances.

The *Contract Documents* are available on or after May 11, 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

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 1, 2006 and will be opened publicly immediately thereafter in the Council Chamber of 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

May 26, 2006
File: 10-6340-20-P.05605/Vol 01

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

TO THOSE WHO HAVE RECEIVED COPIES OF T.2808

Dear Sir/Madam:

**Re: Contract T.2808
Addendum No. 1
Sanitary Sewer
Pump Station & Related Pipe Work at Cook Road & Buswell Street.**

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. SUPPLEMENTARY SPECIFICATIONS (SSP)**

SSP 4.3 DEWATERING AND DRAINAGE (page D-8) is amended as follows:

Add the following at the end of section.

Costs associated with pre-testing of the ground water for dewatering purposes shall be included in the pay items provided. If the pre-tested ground water fails to meet required regulations and it's determined that additional measures are required, then the additional measures will be negotiated as a change order to the Contract, subject to available funding.

- 3. Measurement and Payment for Work**

Section D – Sanitary Sewer Items

Supply and Install 75mm Air-Vacuum Valve – Item D-3 (page D-26) is amended as follows:

Add the following at the end of section.

Draining of air valve chambers to be determined on-site by Contract Administrator upon award of Contract. Payment for any work associated with draining the chambers to be made as a negotiated change order to the Contract.

4. Contract Drawings

Drawing 0946-08-OB, sheet 3 of 3 is revised as follows:

Remove note 3 of the detail – Air Valve Chamber and replace with

Draining of air valve chambers to be determined by the Contract Administrator.

5. Measurement and Payment for Work

Section D – Sanitary Sewer Items

Supply & Installation of Gravity Sanitary Sewer Complete – Item D-1 (page D-25) is amended as follows:

Remove the following paragraph.

The limits of this item shall be everything west of the 250 x 350 FL x FL increaser on the 350mm diameter HDPE forcemain and everything up to and including the connection to the existing sanitary manhole at sta 5+021.12.

and replace with

The limits of this item shall be everything west of the 525 dia. stub on the fibreglass pump station up to and including the connection to the existing sanitary manhole at sta 5+021.12.

6. Measurement and Payment for Work

Section H – Pump Station Items

Pump Station Installation & commission – Item H-1 (page D-27) is amended as follows:

Remove the following paragraph.

The limits of this item shall be everything east of the 250 x 350 FL X Fl increaser on the 350mm diameter HDPE forcemain.

and replace with

The limits of this item shall be everything east of the 250 x 350 FL X Fl increaser on the 350mm diameter HDPE forcemain with the exception of the 525mm diameter sanitary sewer which is paid for separately under item D-1.

7. Questions Received from Contractors & Subsequent Answers

1. Q: Can alternate materials be specified in lieu of HDPE?
A: Item 6, Qualifications, Modifications, Alternative Tenders in the *Instruction to Tenderers – Part II* addresses the submission of alternate bids.
2. Q: The forcemain drawing 3 of 3 shows 350mm piping to the pump station, but the pump station drawing (2 & 4 of 13) shows 250mm piping from the station through the flow meter chamber and increasing at the street. Which is correct?
A: Sheet 4 of 13 reflects the detail required for this design
3. Q: What is the length of the Romac spool?
A: The length of the Romac Flexi Joint coupling is approximately 1.8m (the manufacturer requires only the diameter and offset dimension, which will determine the spool length.)
4. Q: Who is supplying the aluminium hatch?
A: The contractor is responsible for supplying the aluminium hatch
5. Q: On material list on 2 of 13, what materials do we supply?
A: The Contractor is responsible for supplying item number 2.
6. Q: For the forcemain tie-in, what flows do we have to contend with and where can we transport the effluent during the tie-in?
A: Flows vary from 0 l/s to a peak of 24 l/s. The methodology to complete wastewater disposal is as specified in SSP4.16
7. Q: Who will pay for detector loops that need to be removed and reinstated?
A: The City will be responsible with the cost associated with reinstating the detector loops.
8. Q: Is there a future stub from manhole S1?
A: There is no future stub from manhole S1
9. Q: Item D4 states the tee and wye are to be paid under a separate item. There are no tender units for these items.
A: The separate item refers to Item D-2 (Supply and Install HPDE Forcemain Complete)
10. Q: Does the Kiosk include the ‘enclosure’ only, or enclosure plus all internal components?
A: The pre-purchased kiosk includes all internal components.
11. Q: Does the pump include all mounting brackets/hardware to install pumps?
A: The pumps will be supplied loose with all associated components required to install the pumps.
12. Q: Does the City Supply & Install the fibreglass tank, or does the City simply ‘Supply Only’ the fibreglass tank?
A: The City will only supply the fibreglass tank (refer to pg D-18 and pg D-27)

Yours truly,

Mile Racic
Cost Estimator, Engineering & Public Works

MR:rz

May 26, 2006
File: 10-6340-20-P.05605/Vol 01

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

TO THOSE WHO HAVE RECEIVED COPIES OF T.2808

Dear Sir/Madam:

Re: Contract T.2808
Revised - Addendum No. 2
Sanitary Sewer
Pump Station & Related Pipe Work at Cook Road & Buswell Street.

Please disregard the previous Addendum Number 2 and replace with this document. We apologise for any inconvenience that this may cause you.

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. Contract Drawings**

Drawing 0946-08-OA, sheet 2 of 13, 'Bill of Materials' is revised as follows:

Remove the first line in Item number two (2) and replace with

Item	QTY	Description
2	1	USF AHD: 91 x 67 (clear) Aluminum double door hatch.

- 3. Questions Received from Contractors & Subsequent Answers.**

13. Q: Item 5 is a wye made of FRP. Does this come with the fiberglass tank and is already built into the tank? A: This item is supplied with the fibreglass tank
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14. Q: Item 6 is the 150mm FRP vent pipe. Where does this vent pipe end or stub out? A: The vent pipe location is shown on drawing 0946-08-OA, sheet 2 of 13
15. Q: Item 4, 525mm inlet, Machine to SDR 35 PVC Pipe. Does machine mean cut hole in tank for 525 pipe, or will a stub already be provided? A: The stub is will be provided
16. Q: There is no detail provided for this 525 connection. Do you have a detail? A: The connection detail is as shown on the elevation detail on drawing 0946-08-OA, sheet 4 of 13.

Yours truly,

Mile Racic
Cost Estimator, Engineering & Public Works