CITY OF RICHMOND
INVITATION TO TENDER

Contract T.3142

Contract: River Road North Side Widening Phase I - Hollybridge Way to 70m West of Road “C”

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

The widening and upgrading of (new) River Road between Hollybridge Way to 70 metres west of Road “C”, Road “C” (interim design), vehicle ramp onto the Dyke from River Road (near No 2 Road Bridge), vehicle ramp onto the Dyke from River Road (near Hollybridge Way), the curve at the intersection of Hollybridge Way and (old) River Road, traffic median at the intersection of River Road and River Road and the work includes 3,000 square metres of new asphalt paved roadway, 460 lineal metres of concrete curb and gutter, 60 square metres of concrete sidewalk, 80 lineal metres of storm sewers, ornamental street lights, traffic communications conduit, and irrigation.

The Contract Documents are available on or after February 5, 2008 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, February 21, 2008 and will be opened publicly immediately thereafter at 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
TO THOSE WHO HAVE RECEIVED COPIES OF T.3142

Dear Sir/Madam:

Re: Contract T.3142
Addendum No. 1
River Road North Side Widening Phase I - Hollybridge Way to 70m West of Road "C"

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. TENDER DRAWINGS

2.1 Drawing Street Lighting & Traffic Communications Conduit, River Road, Road “C” to Hollybridge Canal Bridge Tc-710 (1 to 2 of 2),

Replace with Street Lighting & Traffic Communications Conduit, River Road, Road “C” to Hollybridge Canal Bridge, Tc-710 (1 to 2 of 2), Revision 5

2.2 Drawing Irrigation System, River Road (North Side) & Road “C”, Wc-933 (1 to 2 of 2),

Replace with Drawing Irrigation System, River Road (North Side) & Road “C”, Wc-933 (1 to 2 of 2), Revision B
2.3 Drawing Dyke Access Ramp at Hollybridge Way and River Rd, Detailed Site Plan, Profile and Typical Sections, Oa-60 (1 of 1),
Replace with Dyke Access Ramp at Hollybridge Way and River Rd, Detailed Site Plan, Profile and Typical Sections, Oc-1024 (1 of 1), Revision B

3. MEASUREMENT OF AND PAYMENT FOR WORK
3.1 Supply and Install Tack Coat – Item A-17 (Page D-26)
In the second paragraph, delete the words: “either prime coat or”

Yours truly,

Carlos J. Rocha
Design Technologist
Project Manager

CJR: ejr
TO THOSE WHO HAVE RECEIVED COPIES OF T.3142

Dear Sir/Madam:

Re: Contract T.3142
Addendum No. 2
River Road North Side Widening Phase I - Hollybridge Way to 70m West of Road "C"

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 DOCUMENTS

2.1 The Contract is hereby extended.

Under INSTRUCTIONS TO TENDERERS (IT) – PART I section 3.1 (Page A-5), replace "Tender Closing Date: February 21, 2008" with "Tender Closing Date: Tuesday, February 26, 2008"

3. SUPPLEMENTARY SPECIFICATIONS (SSP)

3.1 Contract Time SSP 3 (Page D-6)

Replace "120 working days" with: 90 working days
3.2 Utility Lowering SSP 7 (Page D-12)
Delete this paragraph

Yours truly,

Carlos J. Rocha
Design Technologist
Project Manager

CJR: cjr
TO THOSE WHO HAVE RECEIVED COPIES OF T.3142

Dear Sir/Madam:

Re:  Contract T.3142
Addendum No. 3
River Road North Side Widening Phase I - Hollybridge Way to 70m West of Road "C"

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.

Total number of pages for Addendum 3 is six (6).

Tenderers shall acknowledge receipt of this addendum by:

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

2. FORM OF TENDER

2.1 Section B – Appendix 1, Schedule of Quantities and Prices (Page B-13, B-15)
Replace the existing tables (Sections E and G) with the following new tables appended to this addendum.

3. SUPPLEMENTARY SPECIFICATIONS (SSP)

3.1 Add the following new clause (Page D-17):

SSP 13 Pedestrian Traffic Signal at Hollybridge Way and (old) River Road
The City may want to install a new pedestrian traffic signal at Hollybridge Way and (old) River Road for an east/west crossing. Although the design for this work is currently in progress, the drawing will only be available after tender award. However, the main Civil works associated with the installation of this signal to be undertaken by the contractor if instructed by the Engineer, are included in the new Schedule of Quantities as Optional Work. The actual signal works will be undertaken by the City’s electrical subcontractor Cobra Electric. The Contractor shall be responsible for coordination of the works on site.

In general, the works may include:

- Relocation of existing segmental concrete block landscaping wall (Contractor)
- Installation of new S2 base, junction box and conduit (Contractor)
- Removal of some trees (Contractor)
- Installation of signals and wiring by others (Cobra Electric)

3.2 Add the following new clause (Page D-17):

**SSP 14 Road “C” Pavement Structure**

The road right-of-way for Road “C” is the current main access to the Oval site as noted in SSP 9. As a result, a temporary gravel wearing course has been placed on the existing ROW. It is also anticipated that river sand was placed underneath the gravel wearing course as part of the Oval site preload. The Engineer will request that two test pits be made, one at each end of the Road “C” ROW. These test pits shall be made to a minimum depth of 1.5 meters to verify the nature of the in-situ material prior to undertaking excavation. The cost for these test pits shall be considered inclusive as allowed in the Lump Sum price tendered under Item A-3 of Measurement of and Payment for Work.

4. MEASUREMENT OF AND PAYMENT FOR WORK

4.1 Section A – ROAD SURFACE ITEMS (Page D-22) Clearing, Removals and Mass Excavation – Item A-3

Add the following paragraph:

Mass Excavation under this item pertains only to excavation required for clearing and removals. Excavation for roadway construction itself will be paid either under Item A-1 or A-2.

4.2 Section E – STREET LIGHTING & TRAFFIC ITEMS (Page D-31) Communications System – Item E-3

Replace the existing item description heading with the following:

**Supply and Install Communications conduit and junction boxes as per drawing Tc-710 – Item E-3**

4.3 Section E – STREET LIGHTING & TRAFFIC ITEMS (Page D-31)
Add the following paragraph:

Supply and install type S2 concrete base for pedestrian traffic signal pole at Hollybridge Way and (old) River Road (OPTIONAL WORK) – Item E-4

Payment for this item will be made at the unit price tendered for the type S2 City base detailed in City of Richmond Engineering Department Supplementary Specifications and Detail Drawings (June 2005).

The unit price tendered shall include supplying all materials and installing the base complete as specified or directed by the Engineer.

4.4 Section E – STREET LIGHTING & TRAFFIC ITEMS (Page D-31)
Add the following paragraph:

Supply and install Brooks No. 66 junction boxes or equal c/w steel lids at Hollybridge Way and (old) River Road (OPTIONAL WORK) – Item E-5

Payment for this item will be made at the unit price tendered.

The unit price tendered shall include the supply of all materials and installing the junction boxes complete as specified or directed by the Engineer.

4.5 Section E – STREET LIGHTING & TRAFFIC ITEMS (Page D-31)
Add the following paragraph:

Supply and install rigid PVC conduit for traffic signal under new concrete curb & gutter and sidewalk, roadway pavement, boulevard: 3 X 50 mm dia. At Hollybridge Way and (old) River Road (OPTIONAL WORK) – Item E-6

Payment for this item will be made at the unit price tendered per lineal metre of conduit installed.

Measurement will be along centreline of conduit, from the centreline of one junction box or concrete base to the centreline of the next one.

The unit price tendered shall include supplying all materials, installing the conduit backfilling and surface restoration as specified and directed by the Engineer.

4.6 Section G – MISCELLANEOUS ITEMS (Page D-32)
Add the following paragraph:

Remove existing and replace Segmental Concrete Block Landscaping Wall at Hollybridge Way and (old) River Road (OPTIONAL WORK) – Item G-7

The Contractor shall remove and relocate the segmental concrete block landscaping wall including geosynthetic layers and drainage system behind the wall as required or as directed by the contract administrator.
Measurement for payment shall be height, measured from the bottom row of blocks to the top of the wall times the length of each step of the wall (not including the cap block).

Payment for this work shall be made at the unit price bid per square metre of facial area of retaining wall constructed and shall include excavation, bedding, geosynthetic layers, cap blocks, drain rock, mortar, and compaction and watering, and all labour equipment and materials necessary to complete the work.

4.7 Section G – MISCELLANEOUS ITEMS (Page D-32)
Add the following paragraph:

Remove Trees at Hollybridge Way and (old) River Road (OPTIONAL WORK)
– Item G-8

Payment for this item will be made at the unit price tendered for each three removed, approximately 150 – 200 mm in diameter.

The unit price tendered shall include all labour equipment and materials necessary to complete the work and disposal offsite or as directed by the Engineer.

Yours truly,

Carlos J. Rocha
Design Technologist
Project Manager

CJR: cjr
<table>
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<tr>
<th>ITEM NO.</th>
<th>DESCRIPTION</th>
<th>UNIT</th>
<th>EST. QTYS.</th>
<th>UNIT PRICE ($)</th>
<th>TOTAL AMT. ($)</th>
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<td>E-1</td>
<td>Remove and install new Conduit and Conductors at Hollybridge Way and (old) River Road</td>
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<td>E-2</td>
<td>Street Lighting (poles, luminaires and lamps to be supplied by City)</td>
<td>LUMP SUM</td>
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<td>E-3</td>
<td>Supply and install Communications conduit and junction boxes as per drawing Tc-710</td>
<td>LUMP SUM</td>
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<td>E-4</td>
<td>Supply and install type S2 concrete base for pedestrian traffic signal pole at Hollybridge Way and (old) River Road <em>(OPTIONAL WORK)</em></td>
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<tr>
<td>E-5</td>
<td>Supply and install Brooks No. 66 junction boxes or equal c/w steel lids at Hollybridge Way and (old) River Road <em>(OPTIONAL WORK)</em></td>
<td>Each</td>
<td>1</td>
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<td>E-6</td>
<td>Supply and install rigid PVC conduit for traffic signal under new concrete curb &amp; gutter and sidewalk, roadway pavement, boulevard: 3 X 50 mm dia. At Hollybridge Way and (old) River Road <em>(OPTIONAL WORK)</em></td>
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TOTAL FOR STREET LIGHTING & TRAFFIC ITEMS - ITEM E
(Carry forward to Tender Summary) $
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<td>Relocate no-post barriers</td>
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<td>G-2</td>
<td>Segmental Concrete Block Retaining Wall</td>
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<td>G-4</td>
<td>Supply and install 300 mm depth topsoil surface</td>
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<td>G-5</td>
<td>Supply and install hydraulic seeding</td>
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<td>G-6</td>
<td>Supply and install Removable Restriction Post</td>
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<td>G-7</td>
<td>Remove existing and replace Segmental Concrete Block Landscaping Wall at Hollybridge Way and (old) River Road (OPTIONAL WORK)</td>
<td>Sq. m</td>
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<td>G-8</td>
<td>Remove Trees at Hollybridge Way and (old) River Road (OPTIONAL WORK)</td>
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TOTAL FOR MISCELLANEOUS ITEMS - ITEM G (Carry forward to Tender Summary) $