

CITY OF RICHMOND INVITATION TO TENDER

Contract T.3075

Chiller & Boiler Replacement and DCC Upgrade, Richmond Aquatic Center, Richmond, BC

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

- Demolish, remove, and properly dispose of existing chiller
- Demolish, remove, and properly dispose of two existing boilers
- Install new chiller (pre-purchased by the City of Richmond)
- Install three new boilers
- Upgrade DCC system
- All associated works

There will be a site meeting on Friday, June 29, 2007 at 10:00 a.m. local time at 14300 Entertainment Blvd Richmond, BC.

The *Contract Documents* are available on or after Friday, June 22, 2007 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.

Tenders are scheduled to close at:

Tender Closing Time: 3:00 PM local time
Tender Closing Date: Tuesday, July 10, 2007 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



City of Richmond

6911 No. 3 Road
Richmond, BC V6Y 2C1

Fax Cover Sheet

To: Name: All companies receiving copies of the Request for Tender Document – **T.3075 – Chiller & Boiler Replacement and DCC Upgrades**
Company: **File:** 02-0775-50-3075/Vol 01
Date: July 9, 2007
Fax: Various

From: Department: Business & Financial Services Department
Name: Daianna Panni
Buyer, Purchasing
Phone: 604-276-4287
Fax: 604-276-4270

If you have any problems with this fax, contact: David Phipps at 604-276-4287

Total no. of pages, including cover sheet: 1

Mailed original to follow: No

urgent

for your action

Message: Request for Tender T.3075 – Chiller & Boiler Replacement and DCC Richmond Aquatic Centre

Addendum Number 1

Please find addendum Number 1 for the above referenced project.

Please change the closing date to read *“on or before 3:00pm, local time, on Thursday, July 12th, 2007.*

We apologise for any inconvenience that this may cause you and look forward to receiving your submission.

Sincerely,

Daianna Panni, Buyer
Purchasing

IMPORTANT - CONFIDENTIAL INFORMATION

THIS MESSAGE IS INTENDED ONLY FOR THE USE OF THE INDIVIDUAL OR ENTITY TO WHICH IT IS ADDRESSED AND MAY CONTAIN INFORMATION THAT IS PRIVILEGED, CONFIDENTIAL AND EXEMPT FROM DISCLOSURE UNDER APPLICABLE LAW. Any other distribution, copying, or disclosure is strictly prohibited. If you have received this message in error, please notify us immediately by telephone and return the original transmission to us by mail without making a copy.
2253886





City of Richmond

6911 No. 3 Road
Richmond, BC V6Y 2C1

Fax Cover Sheet

To: Name: All companies receiving copies of the Request for Tender
Company: Document – **T.3075 – Chiller & Boiler Replacement and DCC Upgrades**

File: 02-0775-50-3075/Vol 01
Date: July 10, 2007
Fax: Various

From: Department: Business & Financial Services Department
Name: Daianna Panni
Buyer, Purchasing

Phone: 604-276-4287
Fax: 604-276-4270

If you have any problems with this fax, contact: David Phipps at 604-276-4287

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Addendum Number 2

Please find addendum Number 2 for the above referenced project.

SPECIFICATIONS

1. SPECIFICATION SECTION 15025 – MECHANICAL SYSTEM COMMISSIONING;
1.5 ACCEPTABLE COMMISSIONING AGENTS: ADD WESTERN MECHANICAL
2. SPECIFICATION SECTION 15250 – MECHANICAL INSULATION
3.2 PIPING;

ADD:

PIPING TO BE INSULATED:

INSULATION THICKNESS

CHILLED WATER SUPPLY AND RETURN: 25 MM

CONDENSER WATER EXPOSED TO OUTDOORS: 50 MM

3. SPECIFICATION SECTION 15671 – CENTRIFUGAL CHILLER
THIS SPECIFICATION IS FOR INFORMATION ONLY EXCEPT SECTION 3.0.

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2254198

3.1 INSTALLATION

8. (MODIFY AS) PROVIDE 3" VENT LINE FROM CHILLER TO OUTSIDE AND EXTEND 15 FEET AWAY FROM THE FRESH AIR INTAKE OF THE AHU-2.

4. SPECIFICATION SECTION 15700 – LIQUID HEAT TRANSFER

4.1 PRODUCT .

8. DELETE COMPLETE PARAGRAPH

PLEASE NOTE THAT BOILERS WILL BE PURCHASED BY CONTRACTORS.

DRAWINGS:

1. M-1

- a. EXISTING CHILLER WILL BE REMOVED. REFRIGERANT TO BE RECOVERED.
- b. HEAT EXCHANGER HE-008 TO REMAIN
- c. EXHAUST FAN AND MOTORIZED INTAKE DAMPER TO REMAIN
- d. CHILLED WATER; CONDENSER WATER; HEAT RECOVERY WATER LINES ARE 6"
- e. CHILLER VENT PIPING (3") TO BE EXTENDED 15 FEET ABOVE FRESH AIR INTAKE OF AIR HANDLING UNIT.
- f. CONDENSER AND CHILLED WATER PUMP CP 053 & CP 054 TO REMAIN AND REBALANCED.

2. M-2

- a. REMOVE EXISITING 3" GAS LINES
- b. INSTALL NEW GAS PIPES WITH MANUAL VALVES; METERING VALVES; PRESSURE REDUCING VALVES; CONTROL VALVES AND ALL REQUIRED ACCESSORIES. PIPING SHALL BE IN ACCORDANCE WITH BC GAS SAFETY BRANCH CODE AMENDMENTS AND GAS SAFETY ACT REGULATIONS.
- c. BOILERS WILL BE INDIVIDUALLY VENTED TO OUTSIDE THROUGH EXISTING VENT LINE WITH 14" CATEGORY III B VENT.

3. M-4

- a. AFTER COOLING TOWER PUMP, INSTALL STRAINER BEFORE 3-WAY VALVE.
- b. ON PLATE HEAT EXCHANGER CONNECTIONS ADD:
 - i. PRESSURE AND TEMPERATURE INDICATORS
 - ii. DRAIN VALVES
 - iii. SAFETY VALVE AT THE BOILER WATER RETURN AND PIPED TO DRAIN.

- c. CHILLER CONNECTIONS (EVAPORATOR, HEAT RECOVERY CONDENSER & CONDENSER) INSTALL:
 - i. VALVES (6")
 - ii. DRAIN VALVES (2" BALL VALVE)
 - iii. TEMPERATURE AND PRESSURE INDICATOR
 - iv. SENSORS

We apologise for any inconvenience and look forward in receiving your submission *on or before 3:00pm, local time, on Thursday, July 12th, 2007.*

Sincerely,

Daianna Panni, Buyer
Purchasing