

November 10, 2021

INVITATION TO TENDER "ITT" PS20210981
CONTRACTOR FOR NEIGHBOURHOOD ENERGY UTILITY (NEU) FALSE CREEK ENERGY
CENTRE (FCEC) SITE PREPARATION FOR CONSTRUCTION

ADDENDUM NO. 1

1. RE: PART A - INTRODUCTION SECTION 1.4

Add item (g) to section 1.4:

- (g) Demolition and reinstatement of existing hardscaping above four (4) concrete panels located in the Sewage Heat Pump Room roof.

2. RE: PART A - INTRODUCTION SECTION 3.2

Section 3.2 of Part A is amended to state:

3.2 Specifications and Drawings will be provided upon submission of the Mandatory Information Meeting Registration Form. The list includes:

- (a) Owner's List of Known Workplace Hazards
- (b) Memo - Basement Floor Slab Crack Repair
- (c) IFT Specifications (*with amendments*)
- (d) IFT Drawings
- (e) Hazardous Building Materials Report 2021.10.18
- (f) 028-12818-000_Economizer (*New*)
- (g) 028-12838-000_Chiller (*New*)
- (h) 07500_SBS-MembraneRoofing_Spec (*New*)
- (i) S002_R1 (*Updated heat pump anchor; originally in the IFT Drawings*)
- (j) S004_R1 (*Updated heat pump pad; originally in the IFT Drawings*)

These documents are for reference only and will not be included in the Contract Document:

- (k) 0042-139-HeatRoomAccess-SW001-RevA (*New*)

{01203609v1}

(l) 0042-139-HeatRoomAccess-SW002-RevA (New)

3. RE: PART C - FORM OF TENDER SECTION 1.0 TENDER PRICE AND SCHEDULE

The following dates are amended to state:

- (b) Completion of concrete plinths (including cure time) will occur by ~~February 1, 2022~~ **March 1, 2022**.
- (c) Substantial performance of the Work will occur by ~~February 15, 2022~~ **April 30, 2022**.
- (d) Total performance of the Work will occur by ~~March 31, 2022~~ **May 15, 2022**.

4. RE: PART C - FORM OF TENDER SCHEDULE A - SCHEDULE OF QUANTITIES AND PRICES

Please use the attached revised Schedule A (PS20210981 - ADD 1 - Schedule A) when you submit your Tender.

The terms Table 1 and Table 2 were added to distinguish the base price table against the unit price table.

Item 6 of Table 1 is amended to state:

- 6. Supply and installation Supply and installation of neoprene pads for heat pump (total 24 as per updated pad drawings and neoprene pad detail drawings S002_R1).

Item 8 is added to to Table 1 and states:

- 8. Hardscape demolition and reinstatement, inclusive of fencing and safety requirements of the excavation for up to thirty (30) days from when the demolition is completed to facilitate the installation of the heat pumps by the Heat Pump Installation Contractor.

The following items were added to Table 2:

- 4. Daily rate for fencing and safety requirements to maintain safety f the excavation area beyond the thirty (30) days included under item 8 of Table 1 of Schedule A.
- 5. Structural concrete per m3 inclusive of reinforcement for any additional concrete required beyond what is included in the scope of work.

5. RE: PART C - FORM OF TENDER SCHEDULE B - PRELIMINARY CONSTRUCTION SCHEDULE

Please use the attached revised Schedule B (PS20210981 - ADD 1 - Schedule B) showing amended dates when you submit your Tender.

6. RE: IFT SPECIFICATIONS

DIVISION 01 - General Requirements, Section 01110 Summary of Work, Part 1.1 Definitions is amended to add item 1.1.9 as follows:

- .9 Heat Pump Installation Contractor: The contractor who has been engaged to supply and install the heat pump as part of the plant works not described in this Tender, as required for connecting the heat pumps to the NEU.

DIVISION 01 - General Requirements, Section 01110 Summary of Work, Part 1.3 Scope is amended to add item 1.3.3 i. as follows:

- i. Demolition and reinstatement of existing hardscaping above four (4) concrete panels located in the Sewage Heat Pump Room roof.

DIVISION 01 - General Requirements, Section 01110 Summary of Work, Part 1.3 Scope is amended to add item 1.3.4 b. as follows:

- b. Removal of four (4) concrete panels above Sewage Heat Pump Room.

DIVISION 07 - Thermal and Moisture Protection, Section 07500 SBS Membrane Roofing is added to IFT Specifications.

This addendum must be completed, and attached to your Tender form.

If you have already submitted your Tender, this addendum shall be submitted by email to the Contact Person identified in the ITT with the subject line “Addendum No. 1 to Invitation to Tender No. PS20210981: Contractor For Neighbourhood Energy Utility (Neu) False Creek Energy Centre (Fcec) Site Preparation For Construction before the closing time of **3:00 p.m., November 25, 2021.**

NAME OF VENDOR

SIGNATURE OF AUTHORIZED SIGNATORY

DATE

Donabella Bersabal
Contracting Specialist

INVITATION TO TENDER NO. PS20210981
CONTRACTOR FOR NEIGHBOURHOOD ENERGY UTILITY FALSE CREEK ENERGY CENTRE (FCEC)
SITE PREPARATION FOR CONSTRUCTION
ADD 1 - SCHEDULE "A" (PART C - FORM OF TENDER)

SCHEDULE "A"

SCHEDULE OF QUANTITIES AND PRICES

EACH TENDER MUST COMPLETE THIS SCHEDULE A, AS AMENDED, IN FULL. EACH PAGE OF THIS SCHEDULE A MUST BE INITIALLED BY THE SIGNATORIES OF THE FORM OF TENDER. TENDERS MUST NOT BE SUBMITTED WITHOUT A COMPLETED, DULY EXECUTED SCHEDULE A.

The Tender Price to complete all of the Work is apportioned in accordance with the following [Table 1](#). The prices shown in each of the numbered rows of the table shall include (i) all labour, material and other costs, (ii) overhead and profit, (iii) PST, and (iv) all other taxes, duties, assessments, charges and fees, *except for GST*. GST shall be shown separately on the row provided therefor.

NOTE: Prices must be PST-inclusive. Only GST is to be shown as a separate line item.

The sum of the amounts shown in [Table 1](#) below **MUST** equal the Tender Price stipulated in the space provided in the Form of Tender which, for greater certainty, is the Tenderer's proposed Contract Price for a Contract to complete all of the Work.

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INVITATION TO TENDER NO. PS20210981
 CONTRACTOR FOR NEIGHBOURHOOD ENERGY UTILITY FALSE CREEK ENERGY CENTRE (FCEC)
 SITE PREPARATION FOR CONSTRUCTION
 ADD 1 - SCHEDULE "A" (PART C - FORM OF TENDER)

EVERY ROW OF THE BELOW TABLE MUST BE COMPLETED WITH A DOLLAR AMOUNT, EVEN IF THAT DOLLAR AMOUNT IS \$0.

TABLE 1

Item	Description	Amount (including PST)
1.	General conditions and requirements, including mobilization and demobilization	\$
2.	Demolition of existing plinth	\$
3.	Demolition and concrete cutting for new sump	\$
4.	New concrete pad supply and construction, including reinforcement and equipment anchorage	\$
5.	Construction of new drainage sump	\$
6.	Supply and installation of neoprene pads for heat pump (assumed 8 per drawings) Supply and installation of neoprene pads for heat pump (total 24 as per updated pad drawings and neoprene pad detail drawings S002_R1)	\$
7.	Concrete crack repair of basement floor cracks, based on assumed 76 lm crack repair length, inclusive of material supply and installation. Must include returning to site after one (1) year to repair new cracks. Price per lm = \$ _____	\$
8.	Hardscape demolition and reinstatement, inclusive of fencing and safety requirements of the excavation for up to thirty (30) days from when the demolition is completed to facilitate the installation of the heat pumps by the Heat Pump Installation Contractor.	
Subtotal (including all PST)		\$
GST (5%)		\$
Tender Price (including all costs, taxes and fees)		\$

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ADD 1 - SCHEDULE "A" (PART C - FORM OF TENDER)

TABLE 2

List of Unit Prices for Any Additional Work

These unit prices will be used for changing quantities from those indicated in the Tender Documents or Contract Documents upon written instruction from the City. The unit prices will be applied in accordance with PART 6 CHANGES IN THE WORK of the General Conditions of the Stipulated Price Contract (CCDC 2 - 2008), as modified by the Supplementary General Conditions (Schedule 1 to Part D - Form of Agreement). The prices should include (i) all labour, material and other costs, (ii) overhead and profit, (iii) PST, and (iv) all other taxes, duties, assessments, charges and fees, *except for GST*.

Item	Description	Unit Price (including PST)
1.	Crack repair, price per meter crack length for any required change in quantity below or above that assumed in item 7	\$
2.	Supply and installation of additional neoprene pads for the heat pumps as per item 6	\$
3.	Demolition and concrete cutting for new drainage sump per linear meter as per item 3	\$
4.	Daily rate for fencing and safety requirements to maintain safety of the excavation area beyond the thirty (30) five days included under Item 8 of Table 1 of Schedule A.	\$
5.	Structural concrete per m3 inclusive of reinforcement for any additional concrete required beyond what is included in the scope of work.	\$

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CONTRACTOR FOR NEIGHBOURHOOD ENERGY UTILITY FALSE CREEK ENERGY CENTRE (FCEC)
SITE PREPARATION FOR CONSTRUCTION
ADD 1 - SCHEDULE "B" (PART C - FORM OF TENDER)**

SCHEDULE "B"

PRELIMINARY CONSTRUCTION SCHEDULE

The Work is expected to begin by December 15, 2021 and substantial performance is targeted for ~~February 15~~ **April 30, 2022**. Please clearly define time requirements for project milestones identified in the table below that is either better than or the same dates as provided in this ITT. If necessary, please add an attachment to this Schedule.

TABLE 1 - PROJECT MILESTONES	
Milestone	Date of Completion
Mobilization	
Demolition of plaza and exposing roof panels	Schedule dependency on heat pump delivery dates tentatively set for March 2022.
Concrete Pad installation (including curing time)	February 1, 2022 (fixed date) March 1, 2022 (fixed date)
Substantial Performance	
Total Completion	

Additional pages may be attached to this page. Each such additional page is to be clearly marked "ITT No. PS20210981, FORM OF TENDER - SCHEDULE B", and is to be signed by the Tenderer.