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**Wednesday, July 24, 2019**

**ADDENDUM NO. 5**

Subject: **No. FP802-170240**

Title: **LAND INFRASTRUCTURE - STANDING OFFER**

Location: **British Columbia**

Closing Date: **July 30, 2019 @ 2:00 PM (EDT)**

Dear Sir/Madam:

Further to the above-mentioned Request for Standing Offer, this **Addendum #5** is to advise potential bidders of the following changes to this tender call and/or answers to Bidders questions received to date:



## REVISIONS

### Revision #1:

#### REPLACE

#### SO APPENDIX A – SCOPE OF WORK

#### SECTION 01 11 00 SUMMARY OF WORK

#### 1.6 BASIS OF PAYMENT

- .2 For evaluation purposes price a pipe with the following specification:
  - .1 400mm PVC Pipe

#### WITH

- .2 For evaluation purposes price a pipe with the following specification:
  - .1 450mm PVC Pipe

## QUESTIONS

### Question #1:

With regards to the unit rates for steel pipe installation, PVC pipe installation, and culvert installation, can it be assumed that disposal of excavated material and importing of new gravel material is to be included under the unit rate, or will gravel be included under one of the backfill unit rates designated Type 1 to Type 8?

### Answer # 1:

For disposal of excavated material, please see line item 34 “Markup on other Material”. Include all necessary material in the unit rate for Steel pipe installation, PVC pipe installation and culvert installation.

### Question #2:

Under the Culvert installation item, the Basis of Payment clause says to assume a 1800x1200mm concrete box culvert with proper headwall and outlet structures. This is a lineal meter pay item and there is no way to know how many headwalls there is going to be, and what type. The headwall could be a precast concrete structure which given that size of box culvert can be very expensive. Is there an estimated number of headwalls anticipated, or is it possible to have a separate pay item for the headwalls and outlet structures?



**Answer #2:**

Assume one headwall on each end.

**Question #3:**

Is there a minimum cover for the culvert installation item, or should contractors assume its 4 to 5 feet (1.2m to 1.5m)?

**Answer # 3:**

Assume 1.2m minimum cover for the culvert installation item.

**Question #4:**

Under the concrete placement item, the schedule of quantities says 250 square meters and the Basis of Payment says to assume 15M bar, but does not provide an expected kilograms per cubic meter amount. It is difficult to provide a price on a square meter basis without knowing how much rebar is expected.

**Answer #4:**

The expected kilograms of reinforcing steel (15M bar) is 90 kg per cubic meter of concrete.

**Question #5:**

Under the Concrete Mixer and Concrete Pump Truck items, is it safe to assume the unit price for both these items is to include concrete, or is this just for the mobile concrete mixer to go to a remote site and mix concrete onsite?

**Answer #5:**

Please see Answer #13 of Addendum No. 3 regarding concrete pump truck. Concrete pump truck line item does not include concrete.

**Question #6:**

Can you provide clarification for the what type of work is expected for the 250m of concrete repair and 250 square meters of concrete placement, or what these items will be used for so I can provide a more accurate unit rate. I need to know the minimum pour size, and how much 15M rebar is expected preferably in kilogram of rebar per cubic meter of concrete.

**Answer #6:**

Please see Answers #4 and #5 of Addendum No. 3 for concrete repair and placement. Please see Answer #4 of this Addendum No. 4 for rebar quantity.



**Question #7:**

Can you clarify how the mobilization clause is to work? Are we expected to work in the mobilization in all line items?

**Answer #7:**

Mobilization costs are calculated based off of each individual call-up value. Mobilization is not included in all line items.

All other terms and conditions remain unchanged.

Yours truly,

**Ginette Aliaga**

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