

Infrastructure & Operations

REQUEST FOR CONSTRUCTION

Uniacke Business Park Expansion
RFC50267 - Addendum 4

Release date: September 20, 2019

Tenders will be received up to
3:00:00 pm local time on Tuesday, October 1, 2019

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Contents

1. Revised drawings 3

2. Section: 00 41 43 Tender Form 3

3. Section: 00 60 00 Supplementary Specifications 6

4. Questions 6



1. Revised drawings

The drawings have been updated with slight centreline grade revisions between stations 0+068 and 0+578 (the maximum change in design grade is approximately 300mm).

The revised drawings are listed below: -

Uniacke Business Park Expansion Phase 1, prepared by Strum Consulting, dated September 19, 2019, Revision 1, Road Profile Adjustment

Drawing No.	Description
18-6683-F01	Site Plan
18-6683-F02	Plan-Profile 0+000 to Sta. 0+300
18-6683-F03	Plan-Profile 0+300 to Sta. 0+600
18-6683-F04	Road A Cross Sections, Sta. 0+020 to Sta. 0+580
18-6682-F05	Construction Notes and Details

Replace all 'Revision 0' drawings with the drawings listed above.

These drawings have also been provided as digital files which contain information on the existing ground conditions. All digital files (AutoCAD) provided to the bidders are provided for convenience only. All bids, negotiations, and subsequent contracts will be based solely on the formally issued files. Strum Consulting assumes no responsibility for the content of the digital files provided.

2. Section: 00 41 43 Tender Form

Delete item 4. SCHEDULE OF QUANTITIES AND UNIT PRICES and replace with the following: -



4. SCHEDULE OF QUANTITIES AND UNIT PRICES

EARTHWORK					
ID	Description	Unit of Measurement	Estimated Quantity	Unit Price	Total Price
2	Grubbing	ha	1.4	\$	\$
3	Mass Excavation & Embankment - Common	m ³	2750	\$	\$
4	Mass Excavation & Embankment – Rock	m ³	1050	\$	\$
5	Mass Excavation – Unsuitable Material (Provisional)	m ³	500	\$	\$
8	Excavation, Removal and Disposal of Acid Producing Bedrock (Provisional)	m ³	100	\$	\$
9	Geotechnical Inspection	LS	1	\$	\$
Sub Total Earthwork					\$

STORM SEWER					
ID	Description	Unit of Measurement	Estimated Quantity	Unit Price	Total Price
31	Pipe – 525mm Concrete CSA A257.2 65D	m	45	\$	\$
39	Precast Headwall (300-600 dia.)	EA	4	\$	\$
40	Drainage Dissipation Berm	LS	1	\$	\$
Sub Total Storm Sewer					\$

STREET CONSTRUCTION					
ID	Description	Unit of Measurement	Estimated Quantity	Unit Price	Total Price
41	Gravels				
.1	Type 1	m ³	905	\$	\$
.2	Type 2	m ³	2715	\$	\$
.3	Type 1s	m ³	265	\$	\$
43	Asphalt Concrete				
.1	Type C	m ²	4150	\$	\$
.2	Type B	m ²	4150	\$	\$
48	Guardrail	m	6	\$	\$
53	Street signs	EA	3	\$	\$
Sub Total Street Construction					\$

LANDSCAPING					
ID	Description	Unit of Measurement	Estimated Quantity	Unit Price	Total Price
62	Topsoil & Hydroseed	m ²	7928	\$	\$
Sub Total Landscaping					\$

ENVIRONMENTAL PROTECTION					
ID	Description	Unit of Measurement	Estimated Quantity	Unit Price	Total Price
81	Silt Fence	m	285	\$	\$
82	Flow Checks (Check Dams)	EA	28	\$	\$
90	Rip-Rap Ditch Lining	m	150	\$	\$
Sub Total Environmental Protection					\$

SUMMARY

SUBTOTAL EARTHWORK	\$	
SUBTOTAL STORM SEWER	\$	
SUB TOTAL STREET CONSTRUCTION	\$	
SUBTOTAL LANDSCAPING	\$	
SUBTOTAL ENVIRONMENTAL PROTECTION	\$	
CONTINGENCY ALLOWANCE	\$	75,000
ESTIMATED CONTRACT PRICE (EXCLUDING HST)	\$	
ADD HARMONIZED SALES TAX (15%)	\$	
TOTAL PRICE	\$	

TENDERER'S HST REGISTRATION NO. _____

5. COMPLETION TIME

- .1 Tenderer agrees to complete the Work within _____ weeks of written notification of award and by no later than July 31, 2020.

3. Section: 00 60 00 Supplementary Specifications

SECTION 01 22 00: MEASUREMENT AND PAYMENT

EARTHWORK

Delete item 8. and replace with the following: -

8. Excavation, Removal and Disposal of Acid Producing Bedrock (Provisional)

Unit of Measurement: cubic metres (m³)

Method of Measurement: surface-to-surface volume method between topographical survey taken after rock is exposed and lines and elevations indicated.

This item includes: blasting/breaking, excavation, all temporary stockpiling, stabilization, loading, and transporting of acid producing bedrock materials in accordance with Provincial Regulations. Item also includes all disposal fees associated with disposal of acid producing materials at a provincially approved disposal site.

4. Questions

The following questions have been paraphrased by East Hants: -

Several questions were received relating to the digital files and whether existing ground information could be provided. This has now been included in the digital files.

The test pits indicate there is a layer of native soil between the rootmat and bedrock. Should there be a "Mass Excavation & Embankment - Common" pay item to capture this? This has been added to the Schedule of Quantities and Unit Prices.

The scope of work mentions borrow may be required, however, there is no corresponding pay item. Please advise. It is not anticipated that borrow will be required for this project. The reference to borrow in the work scope can be ignored.

The tender does not specifically mention the acid rock testing. Can you clarify who is responsible for the associated costs? This testing is included within Section 01 22 00: Measurement and Payment, item 9. Geotechnical Inspection 'This item includes: provision of on-site inspection and testing by qualified geotechnical field personnel. All excavation....'

Are you anticipating this project to go this fall? It is intended to commence this project as soon as possible. However, award will be subject to receipt of the wetland alteration permit from NSE and the approval of Municipal Council and/or the Chief Administrative Officer.

Should there be a pay item for silt fence? A pay item for silt fence has been added to the Schedule of Quantities and Unit Prices. However, bidder's attention is drawn to Section 01 22 00 MEASUREMENT AND PAYMENT, GENERAL, Item 2.

Regarding note 21 in section 00 21 00, when do you anticipate the NSE wetland permit will be issued so we can start work? NSE have provided no timeline on when the permit will be issued.

However, on a recent Municipal project where a wetland permit was required, it took approximately 50 days to receive NSE approval.

Regarding summary of work item 2.2 in section 00 60 00, please clarify what scope of work is required to maintain environmental measures for one year after substantial completion? This will be dictated by your Erosion and Sediment Control Plan for the site. The environmental protection measures will be left in place for the duration of the project warranty and will need to be periodically inspected to ensure they continue to be 'fit for purpose'. Any identified deficiencies will need to be corrected.

Regarding summary of work item 2.6 in section 00 60 00, please clarify which poles on the plan will require relocation. It is not anticipated that any poles will require relocation.

Regarding summary of work item 2.8 in section 00 60 00, that states the contractor is to include costs for alteration of existing infrastructure. Please provide the location and scope for this work. East Hants doesn't have any underground infrastructure located within the project site boundary and the 'site information' collected to date, of which East Hants has been made aware, has not indicated the presence of any third party owned infrastructure within the project site boundary.

Regarding section 00 60 00 page 2 item 4, please clarify where on the plans we are to excavate to determine the location of existing services? East Hants doesn't have any underground infrastructure located within the project site boundary and the 'site information' collected to date, of which East Hants has been made aware, has not indicated the presence of any third party owned infrastructure within the project site boundary.

Are we required to break rock for proposed future power pole locations? If so what item in the bid do we include this work? No, this work is not included within the scope for this project.