



December 7, 2020

RFP # 5P201-20-0106/A

Please refer to above RFP and be aware of the following:

1. Questions and answers:

.1 The drawing notes on Drawing S-600 state "General Notes: 3. All steel members, connections, and bolts except stainless steel shall be hot-dipped galvanized after fabrication" and "Stainless Steel Notes: 1. Type 316 Stainless Steel shall be used.". Please clarify which components are required to be stainless steel.

Answer: The bolts for connection of GFRP members shall be stainless steel. If steel plates are required for connection of GFRP members, they shall be stainless steel.

.2 Please clarify the length of helical pile which should be assumed for bidding purposes.

Answer: Assume 3m long piles. A provisional Item will be added for an extra pile length.

.3 Drawing S-600 Helical Pile Notes #2 refers to testing of vertical piles. Please confirm if load testing is required, as this is an expensive test to perform. Please also clarify how many tests bidders should include, if required.

Answer: Load testing is required, one for each pile size. Parks Canada will not pay for the load testing, geotechnical testing or materials testing associated with the boardwalk structure or with the helical piles.

.4 Please confirm if any required geotechnical inspections and material testing will be paid by owner.

Answer: The Contractor will arrange for materials testing requested by Parks Canada (other than testing associated with the boardwalk or helical piles) and the Contractor will arrange beforehand for approval by Parks Canada of the direct costs of the tests. Parks Canada will pay for the direct costs of the materials testing with the exception of any such testing associated with the boardwalk structure or with the helical piles. The Contractor will include any administration or overhead associated with testing in the mobilization item.

.5 Will the owner engage and pay for the Butternut Health Assessment by certified assessor, if required, that is referenced in Section 6 of the Hazard Tree Assessment Report?

Answer: Yes.

.6 Since the location of proposed trail is not clear, we do not know how many trees will need to be cut to give a clearance of 3.6m from the edge of new trail, that being mentioned the tree removal item should not be lump sum, could you please quantify the number of trees that need to be cut or create an allowance so everyone is in the same page, please advise?

Answer: No, we cannot quantify the number of trees that need to be cut. Trees over 150mm DBH that are to be cut and/or removed are quantified in the Hazard Tree Assessment.

.7 Item 1.2.13 - I have a hard time to find the details such as size and location of this "Granular Pad for Future Trail Head Sign" except typical details 4/L-501. Could you please let us know more details about this item?

Answer: Refer to revised text on LG-405.

.8 Is there any geotechnical report or could we have the geotechnical report please?

Answer: There is no geotechnical report available.

.9 Details on L-501. Why is the geogrid at 3950mm wide but the extent of the clearing is only 3600mm and pathway is 2.4m

Answer: Amend installed width of biaxial geogrid to 3600mm. Geogrid to be Terrafix TBX3000, installed per manufacturers specification.

.10 For the parking lots, do we need to remove excess soils from site?

Answer: No.

.11 Due to these uncertain times the response from Suppliers and Sub contractors is taking more time than usual. Based on the scale of the project, I am waiting on the quote requests from few trades and Suppliers and the quotation may not be ready by Dec 10th, 2020. Please allow an extension till Dec 14th, 2020

Answer: For reasons previously stated, there will be no extension.

.12 Specification speaks of mechanical seeding and as well as hydraulic seeding for all three types of mix seeds, could you please confirm if hydraulic seeding is also acceptable?

Answer: Mechanical seeding is preferred. Hydraulic seeding may be permitted if the mix, rate and all aspects of the application method are deemed acceptable to Parks Canada.

.13 SC11 States the following: "The Contractor shall be responsible for locating and adequately marking all existing property limits, including adjacent roads right-of-way for work to be constructed under this Contract." Can you please provide an allowance for the survey and layout for this project? As there have been no CAD files provided and the contractor is unable to provide a reasonable quotation for the entirety of the scope. The project is over 10 KM's in length and many areas were not available during the site tour and the contractor is unable to ascertain the scope and effort involved in the surveying work.

Answer: No additional fee or allowance for this item is provided. The successful bidder will be provided with selected CAD files as a courtesy.

.14 Under Specification "Quality Control" the following is stated:

- a) Independent Inspection/Testing Agencies will be engaged by Contractor for purpose of inspecting and/or testing portions of Work.
- b) Allocated costs: Paid by Contractor
Can you please provide an allowance for all geotechnical testing as there is no specific guidelines to the number and type of tests that must be completed? There may be a large variation between the contractors in their interpretation of how much testing and quality control is required.

Any omissions or errors in these notes should be forwarded to the author immediately.

Answer: No.

.15 What item is the existing fence removal covered under?

Answer: Removals are included under Item 1.1.1 in the bid form.

.16 What is the minimum depth of existing vegetation that must be removed prior to commencing the construction of the trail?

Answer: Removal of all plant material indicated in Specification 31 00 99, Part 3 Execution, 2.3.b includes the removal of the roots and stumps of those plants. All other vegetation removal is to at least existing grade.

.17 Outside of culvert construction areas, is there any silt control measures to be installed.

Answer: Silt control measures must be installed as required by authorities with jurisdiction and as indicated on drawings.

.18 The Hazard Tree Assessment lists 211 Hazard Trees marked for removal. Are there any additional trees beyond the 211 that have to be removed?

Answer: All trees 150DBH and over that are to be removed are indicated in the Hazard Tree Report. Any trees below that size and within the 3.60 wide clearing zone are to be removed as well.

.19 Drawing S-600 indicates the 10 helical piles in the centre section of the boardwalk should be 179mm dia. Please provide the required diameter for the other 14 helical piles.

Answer: The other helical piles shall have a diameter of 141 mm and thickness of 7 mm.

.20 Detail 2/L-503 for the Chicane with P-Gates show a "HSS steel maze barrier" in addition to the three Maglin p-gates. Please provide a construction detail and specification for these barriers. We can not locate any additional information in the specifications as indicated.

Answer: Please answer to question #17 on previous addendum.

2. Clarifications

1. Parks Canada will not pay for geotechnical testing, load testing or materials testing associated with the boardwalk structure or with the helical piles.
2. Add LG-405 and LG-417 to Drawing Index. Those two drawings were included in the Issued for Tender set of November 24, 2020.

3. Changes

1. Delete, Answer to Question #11, Issued in December 4, 2020 Addendum; Replace with Answer: The Contractor will arrange for materials testing requested by Parks Canada (other than testing associated with the boardwalk or helical piles) and the Contractor will arrange beforehand for approval by Parks Canada of the direct costs of the tests. Parks Canada will pay for the direct costs of the materials testing with the exception of any such testing associated with the boardwalk structure or with the
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helical piles. The Contractor will include any administration or overhead associated with testing in the mobilization item.

2. Add: A schedule of works is to be provided to Parks Canada and WSP prior to commencing construction. This schedule is to be updated by the contractor as necessary to ensure accuracy.
3. Add: All fence posts to be treated from 100mm above grade to the bottom of the post with an environmentally friendly preservative acceptable to Parks Canada. The posts shall be dipped in the preservative for a sufficient time to allow good penetration of the wood surface.
4. Add Itemized Price to Bid Form for helical pile extension.
5. Delete Drawing L-405, Issued 11/24/2020. Replace with Drawing L-405, Issued 12/7/2020 Revised note on granular 'A' pad for farm access
Revised note specifying length of post & wire fence
Deleted one (1) Liriodendron tulipifera (Tulip Tree) from plan and plant list.
Deleted turning circle; revision of trail connection to parking lot
6. Delete Drawing LG-405, Issued 11/24/2020. Replace with Drawing LG-405, Issued 12/7/2020
Deleted turning circle; revision of trail connection to parking lot
Revised field stone layout
Addition of 3m X 3m turnaround area
Revised number of bollards
Revised note on number of standalone P-Gates to be installed.
Revised grading plan
7. Delete Drawing L-501, Issued 11/24/2020. Replace with Drawing L-501, Issued 12/7/2020 Revised detail 1/L-501
Revised detail 2/L-501
Revised detail 3/L-501
Revised detail 4/L-501
Revised detail 5/L-501
8. Delete Drawing L-502, Issued 11/24/2020. Replace with Drawing L-502, Issued 12/7/2020
Revised detail 2/L-502

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