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RETOURNER LES SOUMISSIONS À:

Parks Canada Agency
1300 - 635 8 Ave SW
Calgary, AB T2P3M3
Bid Fax: (403) 292-4475

AMENDMENT / MODIFICATION

005

Tender To: Parks Canada Agency

We hereby offer to sell to Her Majesty the Queen in right of Canada, in accordance with the terms and conditions set out herein, referred to herein or attached hereto, the goods, services, and construction listed herein and on any attached sheets at the price(s) set out therefor.

Soumission aux: l'Agence Parcs Canada

Nous offrons par la présente de vendre à Sa Majesté la Reine du Chef du Canada, aux conditions énoncées ou incluses par référence dans la présente at aux annexes ci-jointes, les biens, services et construction énumérés ici et sur toute feuille ci-annexée, au(x) prix indiqué(s).

Comments - Commentaries

Vendor/Firm Name and Address
Raison sociale et adresse du fournisseur/de l'entrepreneur

Issuing Office - Bureau de distribution

Parks Canada Agency
Suite 1300
635 - 8 Ave SW
Calgary, AB T2P3M3

Title-Sujet Reconstruction of Highway 93A Jasper National Park	
Solicitation No. - No. de l'invitation 5P420-17-5308/A	Date: November 8, 2017
GETS Reference No. - No de reference de SEAG PW-17-00796675	Amendment No. - N° de la modif. 005
Solicitation Closes:	
at - à 02:00 PM	on - le November 16, 2017
Time Zone - Fuseau horaire MST - HNR	
F.O.B. - F.A.B.	
Plant-Usine: <input type="checkbox"/>	Destination: <input checked="" type="checkbox"/> Other-Autre: <input type="checkbox"/>
Address Inquiries to: - Adresser toute demande de renseignements à :	
Jen Maheu	
Telephone No. - No de téléphone (403) 292-8502	Fax No. - No de FAX: (403) 292-4475
Destination of Goods, Services, and Construction: Destinations des biens, services et construction:	
See Herein - Voir ici	

TO BE COMPLETED BY THE BIDDER (type or print)

Vendor/Firm Name	
Address - Adresse	
Name of person authorized to sign on behalf of the Vendor/Firm Nom de la personne autorisée a signer au nom du fournisseur/ de l'entrepreneur	
Titale - Titre	
Telephone No. - N° de telephone:	_____
Facsimile No. - N° de télécopieur:	_____
Signature	Date

Amendment 05

This amendment is being raised to change the solicitation closing date, distribute answers to bidder questions and make revisions to the tender package.

A. BID CLOSING DATE

The closing date for tender 5P420-17-5308/A, titled *Reconstruction of Highway 93A - Jasper National Park*, is extended from November 9, 2017 until November 16, 2017 at 2:00PM Mountain Standard Time (MST).

B. QUESTIONS AND ANSWERS

Q31 In calculating the asphalt quantities for the various sections of the highway shown on the drawings, we calculate the volume of asphalt to be in the order of 31,000 tonnes, roughly 80% of the tender quantity. Where is the other 20%? The dialogue under asphalt construction speaks about preliminary levelling as well as other aspects of placing the mix. It would seem, then, that there are 3 primary asphalt applications; level course, inlay and overlay. Shouldn't the overall quantity be broken into these three categories to reflect the differing placing conditions, including separating the milling of the existing asphalt from the asphalt item?

A31 Refer to Amendment 3.

Q32 Bid Item 25 of the schedule of quantities Supply of aggregate has 40,360 tonnes shown for a quantity. What is this material used for. In the measure and payment descriptions for granular base and ACP Mix it clearly states that these items include the production of these aggregates in their own bid items. Is the material produced in Bid Item No 25 to be produced and left for future use or is it intended to be used for the gravel and asphalt requirements for this project? We do not want to double up on the cost of production, but by my interpretation of the measurement and pay items you are asking for it.

A32 Supply of Aggregate is intended to encompass the crushing and stockpiling operations. 01 27 00 1.4.5.1 to be revised to read "Payments made for items specified in this section will be paid under appropriate bid items, excepting that crushing and stockpiling operations shall be paid under "Supply of Aggregate" and will be payable only with certified belt scale readings and surveyed volumes as agreed with the Departmental Representative"

Q33 What thickness is intended for the Corrugated Steel Pipe Culverts? The Culvert Data Tables on page C217 of the drawings appears to indicate the culverts are 1.6 mm thickness, while paragraph 2.1.1 in Section 33 42 13 of the specifications calls for 2.0 mm.

A33 All culverts to be minimum 2mm

Q34 The same paragraph (2.1.1 of Section 33 42 13) refers to "epoxy-coated" culvert. Is there any specification as to what kind of coating this would be?

A34 Aluminized Type 2 or equivalent.

Q35 Could you confirm what product is to be used for the pavement markings on the above project. In the spring for Tender 5P420-17-5078/A the markings were also listed as durable however Alkyd paint was the product being requested not durable plastic.

A35 Non-Profiled Durable Plastic Markings are required for this project. Products acceptable will be as on the current Alberta Transportation approved products list at time of contract award. Product VOC restrictions to comply with Federal regulations. Section 32 17 23 to be updated with the preceding text.

Q36 Do you have a pit excavation plan showing the contractor a general area where aggregate mining will take place for production of asphalt material

A36 Pit survey and plan is intended to be completed after current operations shutdown. The NW corner of the pit was cleared in early 2017 and the active face, ~220m long, will be the material source.

Q37 Will additional clearing be required in the Marmot Pit prior to crushing operations

A37 Clearing and grubbing has been completed in the pit. Partial topsoil stripping and stockpiling will be required.

Q38 Can a work camp be set up in the Marmot Pit for workers

A38 Work Camp provisions as per Appendix B, Sleepy Hollow Road. A trailer and security guard may be permitted in the pit.

Q39 When will the contract be awarded?

A39 If the lowest compliant bid is within budget, it is anticipated that contract award will occur within a week.

Q40 Can tree clearing take place in the winter of 2018 prior to Migratory bird Act restrictions.

A40 Yes, noting portions of the roadway will be closed to the public in the winter. Contractor will be responsible for maintaining safe access for their operations and Departmental staff as well as ensuring no public access.

Q41 Does Parks Canada have a specified disposal site for culverts and guardrail material.

A41 Material to be disposed offsite. The Waste Transfer Station is a likely location.

Q42 Are there any restrictions on working hours or days in the marmot Pit. (7 Days a week 12 hours per day).

A42 There are no restrictions on working hours or days in the Marmot Pit. Suitable light plants and HSE plans will be required to permit operations after dark. Written permission required to work on holidays.

Q43 Are there any working restrictions on 93A- day light hours -7 days a week ?

A43 Hours of Operation as listed in the Specifications section 01 11 00 1.4.3. These restrictions are flexible except when within proximity of campgrounds, in particular Wabasso, as directed by departmental representative.

Q44 Specification 1.7.5 " Haul waste from brushing offsite unless otherwise directed by Parks Canada Representative" – does this mean that all brushing material needs to be removed from Jasper Nation park? Can this brushing material be stockpiled at Marmot Pit. It was observed that a brush pile is currently located on the South side of the pit.

A44 Refer to section 31 11 00, 1.4 for further details. Chips and mulch to be removed from site and disposed, salvageable timber to be taken to Marmot Pit. There is potential that limbs/brushing/chips can be burned at the Waste Transfer Station. Pending fire, climatic conditions and time of year, burning may also be permitted in Marmot Pit pending approval from the PCA Departmental Representative, and PCA Fire Management Officer. Prior to burning activities a Restricted Activity Permit is required.

Q45 Can topsoil stripping for ditch work be stored on site or do we have to haul to designated sites, if need to haul please list designated site

A45 Topsoil stripping to be managed as per section 31 14 13. There are no designated stockpile sites, but sites may be identified throughout the project. Topsoil management also to comply with PCA Environmental BMPs.

Q46 Can all " waste material" or unsuitable material be disposed of in pit

A46 None of the following items are expected to be substantial enough to require quantification: •
Excess cut and organics from ditching works

- Generally any waste material from excavation that cannot be reused as excavation.
- Poor subgrade materials that may be found where deep repairs are required
- Materials that can not be pulverized as part of the works due to contractor equipment limitations
- Other unforeseen materials.

Clean, non contaminated materials can likely be delivered to a PCA pit, as directed by a Departmental Representative and ESO.

Q47 Can crushing occur in winter months

A47 Yes.

Q48 Will interim crushing be paid if completed early

A48 Yes.

Q49 Can material from pit be used for rip rap for culverts

A49 Yes.

Q50 In area for full depth asphalt reclamation / Pulverizing can traffic lights be used for traffic control so one side of the road can be completed at a time for night time traffic control

A50 Yes.

Q51 Does mulch material under clearing and grubbing have to be picked up or can it be left on slopes ? if mulched area is in same area as stripping can it be mixed together

A51 Refer to section 31 11 00, 1.4 for further details. Chips and mulch to be removed from site and disposed, salvageable timber to be taken to Marmot Pit. There is potential that limbs/brushing/chips can be burned at the Waste Transfer Station. Pending fire, climatic conditions and time of year, burning may also be permitted in Marmot Pit pending approval from the PCA Departmental Representative, and PCA Fire Management Officer. Prior to burning activities a Restricted Activity Permit is required.

Q52 If mulch has to be picked up where does it need to be disposed? pit?

A52 Refer to section 31 11 00, 1.4 for further details. Chips and mulch to be removed from site and disposed, salvageable timber to be taken to Marmot Pit. There is potential that limbs/brushing/chips can be burned at the Waste Transfer Station. Pending fire, climatic conditions and time of year, burning may also be permitted in Marmot Pit pending approval from the PCA Departmental Representative, and PCA Fire Management Officer. Prior to burning activities a Restricted Activity Permit is required.

Q53 Can isolated trees that are cleared be piled in pit

A53 Refer to section 31 11 00, 1.4 for further details. Chips and mulch to be removed from site and disposed, salvageable timber to be taken to Marmot Pit. There is potential that limbs/brushing/chips can be burned at the Waste Transfer Station. Pending fire, climatic conditions and time of year, burning may also be permitted in Marmot Pit pending approval from the PCA Departmental Representative, and PCA Fire Management Officer. Prior to burning activities a Restricted Activity Permit is required.

Q54 Is there a pit plan as to where material will be stockpiled and which direction crushing will take place

A54 Pit survey and plan is intended to be completed after current operations shutdown. The NW corner of the pit was cleared in early 2017 and the active face, ~220m long, will be the material source.

Q55 Will any other contractors be in the pit at the same time or will we have full, access?

A55 There are two contractors currently operating within the pit. Shared access will be required over the winter and spring 2018.

Q56 If other contractor is in pit can a map be provided so as we know where crusher will be set up and piles are made so we can identify if we have to haul material that is crushed or if extra conveyors are needed?

A56 Pit survey and plan is intended to be completed after current operations shutdown. The NW corner of the pit was cleared in early 2017 and the active face, ~220m long, will be the material source.

Q57 Scale to be provided by contractor?

A57 Yes. Proof of certification/calibration required.

Q58 After viewing the site and having a hard look for culverts that are to be cleaned we were unable to find most of them, please indicate what is expected to be done? Hydrovaced cleaned ? it is hard to determine how much or what is required when finding them was not possible

A58 Hydrovac is an acceptable method of cleaning culverts. Free flow and full cross section to be restored. Coordinates of surveyed culverts can be provided to the contractor.

Q59 Can you please identify what utilities may be in our work zone so we can price safety measures?

A59 Overhead powerlines join the highway at ~201+600 and run parallel to 208+950 near Wabasso campground. There is also a crossing near Portal Creek. There may be other utilities that are not identified. Utility management and coordination, including qualified personnel for working in proximity to powerlines, are the contractor's responsibility.

Q60 In section 31 23 33.01 PG 3 of 7 it states to cover topsoil piles with heavy plastic will this be necessary if they are only temporary and will be placed on slopes shortly after stripping?

A60 Case by case consideration with the Departmental Representative and ESO. Assume BMPs to be followed.

Q61 Does stripping of ditches just include topsoil or is subsoil required to be stripped as well ?

A61 Depth as required to shape the ditching cross section.

Q62 Is there any seeding required?

A62 Yes.

Q63 Can the contractor obtain water from a local source i.e. streams etc. is a permit required or will this be provided ?

A63 Water source available at the Maintenance Compound Yard. Departmental Representative and ESO may give direction for alternative locations, with specific and restrictive intake measures required.

Q64 Are there any Pipe liners required for this project?

A64 No

Q65 Please confirm what thickness of culvert steel is going to be required.

A65 2mm minimum.

Q66 For Item # 22. The quantity is being changed from 530 m2 to 67,250 m2. Will a new Unit Price Table be provided?

A66 Refer to Amendment 3.

Q67 A portion of this road is closed during winter months to vehicle traffic. Will pedestrians be allowed to access this road by foot or can the area be closed to all public access during clearing operations until March 01, 2018.

A67 Contractor will be responsible for maintaining safe access for their operations and Departmental staff as well as ensuring no public access. Contractor vehicular traffic and equipment will be permitted.

Q68 Will there be other contractors using the Marmot Pit in 2018.

A68 There are two contractors currently operating within the pit. Shared access will be required over the winter and spring 2018.

Q70 Can the working hour in the Summer of 2018 be extended from 0900- 1800 as specified to 0700 – 1900?

A70 Hours of Operation as listed in the Specifications section 01 11 00 1.4.3. These restrictions are flexible except when within proximity of campgrounds, in particular Wabasso, as directed by departmental representative.

Q71 There is currently a crushing plant, asphalt plant and workers camp set up in Marmot Pit. When will those units be vacating the pit?

A71 There are two contractors currently operating within the pit. Shared access will be required over the winter and spring 2018.

Q72 Where in Marmot Pit is the extraction area for this project? Where in Marmot Pit is the stockpile area for the aggregates being produced for this project?

A72 Pit survey and plan is intended to be completed after current operations shutdown. The NW corner of the pit was cleared in early 2017 and the active face, ~220m long, will be the material source.

Q73 Bid Item #19 – Pit Reclamation – has a quantity of 13,000 m². How are we to quantify the amount of work required without a pit plan? Is this 13000 m² at 100mm depth, or 13000 m² at 1 m depth? The difference in cost is 10 times.

A73 "Borrow Reclamation" details to be added to section 01 27 00, 1.4.3

Q74 Is polymer laminated steel an acceptable product for this requirement?

A74 Culverts to be "Aluminized Type 2" or equivalent. Polymer or epoxy coated not required.

C. TENDER PACKAGE REVISIONS

1. Add the following folder: *DSP3_17-5308.zip*

All other terms and conditions remain unchanged.