



RETURN BIDS TO:

RETOURNER LES SOUMISSIONS Á:

Parks Canada Agency
220 4 Ave SE, Suite 720
Calgary, AB T2G 4X3
Bid Fax: 1-866-246-6893

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
220 4 Ave SE, Suite 720
Calgary, AB T2G 4X3
Bid Fax: 1-866-246-6893

Title-Sujet Johnston Canyon Day Use Area & Campground – Banff National Park		
Solicitation No. - No. de l'invitation 5P420-18-0209/A		Date: August 23, 2018
GETS Reference No. – No de reference de SEAG PW-18-00837689		Amendment No. - N° de la modif. 5
Solicitation Closes:		
at – á 02:00 PM	on – le August 28, 2018	Time Zone - Fuseau horaire MDT - HAR
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 : Rebecca Chen		
Telephone No. - No de téléphone (403) 292-8509		Fax No. – No de FAX: 1-866-246-6893
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

IMPORTANT NOTICE TO BIDDERS

Parks Canada has relocated its office to:

**Parks Canada Agency Bid Receiving Unit
National Contracting Services
220 - 4 Avenue S.E., suite 720
Calgary, AB T2G 4X3**

It is the Bidder's responsibility to ensure that its bid is delivered on time to the appropriate address as identified on the cover page.

Amendment 05

This amendment is being raised to make changes to the tender package, make changes to Appendix 1 – Combined Price Form, and to distribute questions and answers.

A) TENDER PACKAGE REVISIONS

In section 32 93 10, Item 2.0.3 of the specifications:

DELETE: Shrub Planting - Plant shrubs as shown on Drawings including prickly rose (*Rosa acicularis*), Canada buffaloberry (*Shepherdia canadensis*), silverberry (*Elaeagnus commutata*), shrubby cinquefoil (*Dasiphora fruticosa*) and kinnikinnick (*Arctostaphylos uva-ursi*) in irregular clusters of three (3) to five (5) plants. Plant Yellow Mountain Avens (*Dryas drummondii*) at 0.3 m spacing in remaining areas of shrub planting zone.

REPLACE WITH: Shrub Planting - Plant shrubs as shown on Drawings including prickly rose (*Rosa acicularis*), white meadow sweet (*Spiraea betulifolia*), shrubby cinquefoil (*Dasiphora fruticosa*) and kinnikinnick (*Arctostaphylos uva-ursi*) in irregular clusters of three (3) to five (5) plants. Plant Yellow Mountain Avens (*Dryas drummondii*) at 0.3 m spacing in remaining areas of shrub planting zone.

In section 01 27 00, item 3.7.1.1 of the specifications:

DELETE: Payment for this item shall be full compensation for the topsoil placement and fine grading including all loading of topsoil, hauling from on-site stockpiles, placement to specified depths, fine grading and shaping, finishing, floating, removal of rocks and debris, nutrient testing of topsoil, soil amendments as required. All labour, equipment and materials required to complete the work; clean up; and any other incidental work for which payment is not specified elsewhere.

REPLACE WITH: Payment for this item shall be full compensation for the topsoil placement and fine grading including all loading of topsoil, hauling from on-site stockpiles, placement to specified depths, fine grading and shaping, finishing, floating, removal of rocks and debris as required. All labour, equipment and materials required to complete the work; clean up; and any other incidental work for which payment is not specified elsewhere.

In section 01 27 00, item 3.7.1.2 of the specifications:

DELETE: Payment for this item shall be full compensation for hydroseeding including preparing seed bed, applying seed supplied by Parks Canada Agency, fertilizer, mixing, transport and spreading of the seeds and any incidental work for which payment is not specified elsewhere. All labour, equipment and materials required to complete the work; clean up; maintenance and cutting the first year's growth when directed by the Departmental representative and any other incidental work for which payment is not specified elsewhere.

REPLACE WITH: Payment for this item shall be full compensation for hydroseeding including preparing seed bed, supplying and applying seed, fertilizer, mixing, transport and spreading of the seeds and any incidental work for which payment is not specified elsewhere. All labour, equipment and materials required to complete the work; clean up; maintenance and cutting the first year's growth when directed by the Departmental representative and any other incidental work for which payment is not specified elsewhere.

In section 01 27 00 of the specifications:

ADD: Item 3.7.1.5 - Landscape Maintenance

Payment for this item shall be compensation in full for satisfactory landscape maintenance for two years from the date of substantial completion and will include watering, pruning, weed control, replacement if required and all other activities stated in the specifications. All labour, equipment and materials required to complete the work; and any other incidental work for which payment is not specified elsewhere.

Measurement: Lump Sum

Payment: Landscape maintenance will be divided into 2 equal payments, to be paid upon successful completion of each year as approved by the Parks Canada Representative.

In section 40 94 33, item 2.1 of the specifications:

DELETE:

- .1 Provide Programmable Logic Controllers (PLC), Human Machine Interface (HMI), and associated ancillary equipment as per attached Bill of Materials.
- .2 Provide all communication cables, terminations, and connectors to complete the PLC, as shown on the drawings.

REPLACE WITH:

- .1 Provide Programmable Logic Controllers (PLC), Human Machine Interface (HMI), HMI software, and associated ancillary equipment as per contract drawings and contract documents. Contractor to supply and install PLC software Allen Bradley Studio 5000 Logix Designer for the Allen Bradley Controllogix PLC or software as per manufacturer's recommendation. Contractor responsible for purchasing all necessary software and licences to make PLC fully operational.
- .2 Provide all communication cables, terminations, and connectors to complete the PLC.

In section 40 94 33, item 3 of the specifications:

DELETE:

3.3 INTEGRATION

- .1 Care Systems Services Ltd. to provide integration of new system into existing Parks Canada SCADA. Integrator shall make available all I/O signals to the Waste Water Treatment plant network via BACnet/IP protocol. HMI creation and modifications to existing systems to facilitate the completion and integration of this project are the responsibility of Care Systems Services Ltd.

B) APPENDIX 1 – COMBINED PRICE FORM
Section: UNIT PRICE TABLE

The amount for line item 7.3 has been removed as follows:

Previous:

Item	Specification Reference	Class of Labour, Plant or Material	Unit of Measurement	Estimated Quantity (EQ)	Price per Unit applicable tax(es) extra (PU)	Extended amount (EQ x PU) applicable tax(es) extra
7.3	01 27 00	Supply & Install Sanitary Drain Points for Stand Pipes	Each	6		

Updated:

Item	Specification Reference	Class of Labour, Plant or Material	Unit of Measurement	Estimated Quantity (EQ)	Price per Unit applicable tax(es) extra (PU)	Extended amount (EQ x PU) applicable tax(es) extra
7.3	01 27 00	Supply & Install Sanitary Drain Points for Stand Pipes	Each	6	_____	_____

Bidders are instructed to make this change accordingly. If this is missed in the bidders bid, Canada will make this change on behalf of the bidder and remove the item(s) to obtain the correct total extended price.

C) QUESTIONS & ANSWERS

Q19 Is there a detail showing Item 7.3 – Sanitary Drain Points for Stand Pipes?

A19 The supply of new Sanitary Drain Points for stand pipes has been removed from the scope of work. See changes to Appendix 1 – Combined Price Form DELETE item 7.3.

Q20 The drawings for Johnston Canyon stipulate curtain wall in the window schedule (drawing #A-600). However the Specs (Section 05 50 13) state Alumicor 3400 series. Is the 2.1mm thick aluminum flashing around the entire windows (shown on the curtain wall drawings) still required when using Alumicor 3400 series? Or would the flashing just be on the bottom sill?

A20 Regarding section 08 50 13 of the specifications. Contractor may use any option included in the specifications as per the manufacturer's installation requirements; slimline 1750 is shown on the architectural drawings as it is the recommended product for this application. Regardless of product selection, flashing is required around the entire window.

Q21 In the summary of work there are various milestone dates listed but some of these dates may not be achievable (especially the Bow Valley Parkway watermain crossing by October 19, 2018). Will the successful contractor be required to meet these dates or can we change the overall schedule as long as the overall project is completed by October 2019?

A21 The successful contractor is required to meet the dates noted on the milestones. As noted in the pre-tender meeting, contractors are to identify specific tasks they feel are unrealistic prior to the question closing date so that any necessary changes can be made to allow for fair bidding by all contractors. The Bow Valley Parkway waterline crossing should be achievable as per the schedule since only the portion under the paved areas is required to be completed by October 19, 2018.

Q22 With regards to asphalt paving, the typical sections on Drawing C-301 show 90 mm of ACP everywhere. What is not clear is what happens when the existing asphalt surface is widened, extended or removed? Examples are the new construction adjacent to the new Kiosk building and the asphalt removal area at the south end of parking area P2. It would seem that there are two options for this work:

- a) One would be to construct the sub-base material flush with the existing asphalt, ready for the 90 mm overlay. This would mean that the asphalt would be different thicknesses for the existing and new construction areas. All paving, except for overlay, is to be done by June 20 meaning that the bottom lift of paving would be proud of the existing asphalt by 40-50 mm.
- b) The other option would be to lay a lift of asphalt flush with the existing asphalt and then overlay everything from there. If this was the case, what would the depth asphalt below the overlay be? Also, how would this be paid? The current bid item is paid by the m² for 90 mm depth.

A22 In areas with widening or extending of the existing asphalt, the 20 mm gravel material will be installed flush with the surface of the existing asphalt and a 90 mm asphalt overlay placed. However, in areas where the asphalt is removed for tie in to the new asphalt, the 90 mm asphalt overlay should tie-in to the existing asphalt. Asphalt in milled areas will be less than 90 mm. The asphalt over existing areas would have different thicknesses.

Q23 Please confirm the Lodgepole Pine tree count on the landscape site plan. An area of 4680 m² and plant spacing of 2m (4m² per tree) would require 1170 trees. Quantity indicated is 2x this.

A23 The quantity noted above (1,170 trees) is correct.

Q24 Please confirm the Balsam Poplar tree count on the landscape site plan. An area of 3860 m² and plant spacing of 1.5m (2.25m² per tree) would require 1716 trees. Quantity indicated is 1.5x this.

A24 The quantity noted above (1,716 trees) is correct.

Q25 Notes indicate to plant grass plugs along with the Pine and Poplar trees and to refer to specifications for species. The specification (32 93 10.10) does not have any detail regarding grass plugs. Also please confirm the plug quantity. Eg. An area of 4680 m² with clusters of 24 on a spacing of 300m will require a huge number of plugs (11 clusters per m²).

A25 The species of grass plugs should include a minimum of 2 species listed in Section 32 93 10 Part 2 .1 (Lodgepole Pine) and .2 (Balsam Poplar). Each cluster will include 24 plugs with plugs installed 300 mm apart within the cluster. 10 clusters will be installed in the pine restoration area and 8 clusters in the poplar restoration area. The total number of plugs will be 432. The spacing reads as 300mm and is for the clusters of plugs themselves. Total number of clusters is to be determined.

Q26 Shrub species listed in the table in the landscape plan does not match shrubs listed in the specification (section 2.3). Please confirm the shrub list.

A26 Contractor to use the shrub lists noted on the landscape drawing. Please see specification 32 93 10 item 2.0.3 revision reflecting the shrub species list included in the landscape drawing.

Q27 Vehicle access gate' needs a size (length) can't price out "Varies" (Drawing C-502)

A27 Three vehicle gates are shown on the drawings. The design, supply and installation of the gates is covered under the lump sum. Two of the vehicle gates are double gates with lengths of 9.2 m and 14.4 m. The single gate has a length of 6.4 m.

Q28 Is the Concrete pier part of the design for the Vehicle Access Gate?

A28 Yes the concrete pier is part of the Vehicle Access Gate design. Minimum design requirements have been provided.

Q29 Please provide bonding details that are required for the tender. The information provided is not clear.

A29 Bid Security is required for this tender. Please see **R2710T - GI08 (2018-06-21) Bid security requirements.**

<https://buyandsell.gc.ca/policy-and-guidelines/standard-acquisition-clauses-and-conditions-manual/5/R/R2710T/20>

Q30 On Drawing C 132 - it points out boulders and curbs to be salvaged and reused and drawing G-102, it says remove and replace paint lines and boulders. Please clarify.

A30 Existing boulders and curbs are to be salvaged and reused. The paint lines are to be removed and replaced.

Q31 Specification 01 27 00 section 3.7.1.1. Indicates that topsoil is to include nutrient testing and soil amendments as required. Nutrient testing is no problem, but how can soil amendments be priced when we don't know yet what is required. Can this requirement be removed?

A31 Please see updated specification Section 01 27 00, item 3.7.1.1 for the removal of the requirement for nutrient testing and soil amendments for all topsoil native to the site.

Q32 Specification 01 27 00 section 3.7.1.2. It states "seed supplied by Parks Canada". Yet the seeding specification would indicate that the contractor supplies the seed. Please clarify who is supplying the seed.

A32 Please see updated specification Section 01 27 00, item 3.7.1.2. The contractor will be responsible for supplying and applying the seed.

Q33 How long would the maintenance period be for landscaping?

A33 Maintenance period will be for two years. Please revised Section 01 27 00 of the specifications.

Q34 Would there be onsite water for landscaping / restoration watering services?

A34 The contractor will be permitted to take water from Johnston Creek for the purpose of watering vegetation, provided they meet Department of Fisheries and Oceans requirements and obtain a Restricted Activity Permit from Parks Canada to do so.

Q35 Is the water Treatment plant building to be supplied and installed by Banff National Park?

A35 Please see:

- Measurement and Payment Section 01 27 00 Item 3.3.2 Design, Supply and Install Water Treatment Facility.
- Scope of Work Section 01 11 00 Summary of Work Item 1.1.1.11.

Q36 The safe as shown in the kiosk drawings requires more information. Please provide details.

A36 The contractor shall salvage the safe from the existing kiosk and install it into the new kiosk building as shown in the drawings. Timing of this work is to be coordinated with Parks Canada to allow for the safe to be emptied prior to completing this.

Q37 Section 40 94 33 Item 3.3.1 asks for all PLC points to be made available to the plant network via BACnet/IP. The PLC BOM has four communication/gateway modules spec'd, none of which are for the BACnet/IP protocol (items [28/29/30/31](#)). Please confirm which driver will be used for offsite monitoring, and which communication modules are required in the PLC to complete the network.

A37 Please see updated specification Section 40 94 33.

Q38 Please provide a part number for panel BOM Item 13 "Telephone Modem" to help understand remote communication requirements.

A38 See tender amendment 4, including updates to drawings I-102 and I-606.

All other terms and conditions remain unchanged.