



**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**

**006**

**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**

<b>Title-Sujet</b> Johnston Canyon Day Use Area & Campground – Banff National Park		
<b>Solicitation No. - No. de l'invitation</b> 5P420-18-0209/A		<b>Date:</b> August 24, 2018
<b>GETS Reference No. – No de reference de SEAG</b> PW-18-00837689		<b>Amendment No. - N° de la modif.</b> 6
<b>Solicitation Closes:</b>		
<b>at – á</b> 02:00 PM	<b>on – le</b> August 31, 2018	<b>Time Zone - Fuseau horaire</b> MDT - HAR
<b>F.O.B. - F.A.B.</b>		
<b>Plant-Usine:</b> <input type="checkbox"/>	<b>Destination:</b> <input checked="" type="checkbox"/>	<b>Other-Autre:</b> <input type="checkbox"/>
<b>Address Inquiries to: - Adresser toute demande de renseignements à :</b> Rebecca Chen		
<b>Telephone No. - No de téléphone</b> (403) 292-8509		<b>Fax No. – No de FAX:</b> 1-866-246-6893
<b>Destination of Goods, Services, and Construction:</b> <b>Destinations des biens, services et construction:</b> See Herein – Voir ici		

**TO BE COMPLETED BY THE BIDDER (type or print)**

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

## **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 06

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

### A) BID CLOSING DATE

The closing date for tender 5P420-18-0209/A is extended from August 28, 2018 to **August 31, 2018 at 2:00PM Mountain Daylight Time (MDT)**.

### B) TENDER PACKAGE REVISIONS

#### 1. DRAWINGS

**DELETE:** 3475-06-E-101 from DSP2\_18-0209: Drawings

**REPLACE WITH:** DSP3\_18-0209: 3475-06-E-101 (21-08-2018)

#### 2. SPECIFICATIONS

**DELETE:** Section 32 92 19.16

**REPLACE WITH:** DSP3\_18-0209: 329219.16

In section 01 27 00, item 3.8.1.1 of the specifications:

**DELETE:** Payment for this item shall be compensation in full for the supply and installation of underground conduit for Fortis power cables, equipment testing and commissioning, and all material, labour and equipment not included in other items, but necessary to meet the intent of the design. All clean up; and any other incidental work for which payment is not specified elsewhere.

Payment: Unit price bid per linear meter for conduit installed.

Measurement: Field measured.

**REPLACE WITH:**

Payment for this item shall be compensation in full for the supply and installation of underground conduit for Fortis power cables, pull boxes, equipment testing and commissioning, and all material, labour and equipment not included in other items, but necessary to meet the intent of the design. All clean up; and any other incidental work for which payment is not specified elsewhere.

Payment: Unit price bid per linear meter for conduit installed.

Measurement: Field measured.

In section 01 27 00, item 3.8.1.2 of the specifications:

**DELETE:**

Payment for this item shall be compensation in full for the supply and installation of underground conduit for Telus phone cables, equipment testing and commissioning, and all material, labour and equipment not included in other items, but necessary to meet the intent of the design. All clean up; and any other incidental work for which payment is not specified elsewhere.

Payment: Unit price bid per linear meter for conduit installed.

Measurement: Field measured.

**REPLACE WITH:**

Payment for this item shall be compensation in full for the supply and installation of underground conduit for Telus phone cables, pull boxes, junction boxes, equipment testing and commissioning, and all material, labour and equipment not included in other items, but necessary to meet the intent of the design. All clean up; and any other incidental work for which payment is not specified elsewhere.

Payment: Unit price bid per linear meter for conduit installed.

Measurement: Field measured.

**C) APPENDIX 1 – COMBINED PRICE FORM** (see following page)

**THE ATTACHED PRICE FORM MUST BE USED IN ORDER FOR A BID TO BE DEEMED RESPONSIVE. ANY BIDS SUBMITTED USING THE PREVIOUS PRICE FORM WILL NOT BE ACCEPTED.**

**Summary of Changes:**

7.3 Supply & Install Sanitary Drain Points for Stand Pipes has been deleted from the price table

7.4 Supply & Install Septic Tank has been updated to 7.3

12.1 c) Campground and DUA Underground Conduit has been broken down into 3 items.

12.1 d) Campground and DUA Underground Cable has been broken down into 4 items.

12.3 Supply and Install Light Poles and Bases has been updated to 18 units

**Delete: *APPENDIX 1 – COMBINED PRICE FORM* in its entirety**

**Replace with:** See attached

**APPENDIX 1 - PRICE FORM**

- 1) The prices per unit shall govern in establishing the Total Extended Amount. Any arithmetical errors in this Appendix will be corrected by Canada.
- 2) Canada may reject the bid if any of the prices submitted do not reasonably reflect the cost of performing the part of the work to which that price applies.

**UNIT PRICE TABLE**

The Unit Price Table designates the Work to which a Unit Price Arrangement applies and the Lump Sum Amount designates Work to which a Lump Sum Arrangement applies.

- (a) The Price per Unit and the Estimated Total Price must be entered for each item listed.
- (b) Work included in each item is as described in the referenced specification section.

**Note:** Bidders are reminded that it is their responsibility to include in their bid all work as described in the drawings and specifications.

Item	Specification Reference	Class of Labour, Plant or Material	Unit of Measurement	Estimated Quantity (EQ)	Price per Unit applicable tax(s) extra (PU)	Extended amount (EQ x PU) applicable tax(s) extra
1	01 27 00 01 11 00 01 35 43	Mobilization and Demobilization	Lump Sum	1		
2	10 14 53 34 71 13.22 32 17 23	Supply and Install Traffic Control Features	Lump Sum	1		
3	01 21 00	Prime Cost Sum	Lump Sum	1		\$600,000
<b>4.0</b>	<b>31 11 00</b>	<b>DEMOLITION</b>				
4.1	02 41 13.13	Clearing and Grubbing	Lump Sum	1		
4.2	02 41 13.13	Asphalt Removal	m2	2200		
4.3	02 41 16	Asphalt Cold Milling	m2	1940		
4.4	3475-06-G-102	General Site Demolition and Disposal	Lump Sum	1		
4.5	3475-06-G-103	Electrical Demolition	Lump Sum	1		
4.6	3475-06-G-102	Well Decommissioning	Lump Sum	1		
4.7	3475-06-G-102	Remove and Relocate/Salvage Signage and Digital Displays	Lump Sum	1		

4.8	02 41 13	Remove and Dispose/Abandon Existing Watermain	Lump Sum	1		
4.9	02 41 13	Remove and Dispose/Abandon Existing Sanitary Sewer System	Lump Sum	1		
<b>5</b>		<b>BUILDING</b>				
5.1	Divisions 1, 2, 3,5,6,7,8,9,10, 21,22,23,26,31, 32,33	Supply and Install Campground Kiosk	Lump Sum	1		
5.2	Divisions 1, 2, 3,23,26,31,32, 33,40,43,44,46	Design, Supply and Install Water Treatment Facility	Lump Sum	1		
<b>6</b>		<b>INFRASTRUCTURE</b>				
6.1	3475-06-C-501	Supply and Install Sanitary Dump Station and Water Stand Pipes	Lump Sum	1		
<b>7</b>		<b>SANITARY SEWER SYSTEM</b>				
7.1	33 31 13	Supply & Install Sanitary Sewer				
		a) 200 mm Diameter PVC	m	955		
		b) 150 mm Diameter PVC	m	205		
7.2	33 31 13	Supply & Install Sanitary Manhole	Each	18		
7.3	3475-06-C-141	Supply & Install Septic Tank	Lump Sum	1		
<b>8</b>		<b>WATER DISTRIBUTION SYSTEM</b>				
8.1	33 14 16	Supply and Install 50 mm diameter Water Main				
		a) Shallow Bury - 50 mm diameter	m	1300		
		b) Deep Bury - 50 mm diameter	m	265		
8.2	33 14 16	Supply and Install 50 mm diameter Water Main Valve	Each	25		
8.3	33 14 16	Supply and Install Drain Manhole	Each	2		
8.4	3475-06-C-503	Supply and Install Winterization blow out	Each	3		
8.5	33 14 16	Disposal of Utility Excavation Excess	m3	2550		

		Waste Offsite				
<b>9</b>		<b>SURFACE FEATURES</b>				
9.1	3475-06-C-131 3475-06-C-132	Install Garbage Bin	Each	2		
9.2	3475-06-C-502	Design, Supply and Install Security Gate	Lump Sum	1		
9.3	3475-06-C-502	Supply and Install Post and Cable Fence	m	450		
9.4	3475-06-C-501	Supply and Install Jersey Barrier	Each	4		
9.5	33 42 13	Supply and Install Culvert - 600 mm diameter	m	45		
<b>10</b>		<b>EARTH AND SURFACE WORKS</b>				
10.1	31 14 13	Topsoil Stripping and Stockpiling	Lump Sum	1		
10.2	31 22 13	Rough Grading				
		a) Common Excavation	m3	1925		
10.3	31 22 16.13	Subgrade Preparation	m2	3920		
10.4		Supply and Install Granular Base Course				
	3.5.4.1	a) 20 mm GBC	m3	1450		
	3.5.4.2	b) 40 mm GBC	m3	660		
10.5	32 12 16	Supply and Install Asphalt Concrete Pavement	m2	1206 0		
10.6	03 10 01	Supply and Install Curb and Gutter or Pin Curb				
		a) Curb & Gutter	m	375		
		b) Pin Curb	m	150		
10.7	03 10 01	Supply and Install Concrete Apron for Roundabout	Lump Sum	1		
10.8	03 10 01	Supply and Install Concrete Median	m2	205		
10.9	32 11 23	Supply and Install Gravel Pathway	m2	315		
<b>11</b>		<b>LANDSCAPING</b>				
11.1	32 92 19.13 32 92 19.16 32 93 10	Site Restoration	Lump Sum	1		
11.2	32 92 19.13 32 92 19.16 32 93 10	Landscape Maintenance	Lump Sum	1		
<b>12</b>		<b>ELECTRICAL</b>				
12.1	Division 26	Supply and Install Underground Conduit and Cable				



	31 23 33.01	a) Fortis Conduits	m	1300			
		b) Telus Conduits	m	500			
		<b>c) Campground and DUA Underground Conduit</b>					
		1. 27 mm Conduit	m	190			
		2. 53 mm Conduit	m	2300			
		3. 103 mm Conduit	m	2400			
		<b>d) Campground and DUA Underground Cable</b>					
		1. 2C #3/0 RWU90 #4 GND	m	1100			
		2. 2C #1/0 RWU90 #6 GND	m	700			
		3. 2C #1 RWU90 #10 GND	m	2250			
4. 2C #10 RWU90 #10 GND	m	1150					
12.2	3475-06-E-101	Supply and Install Concrete Bases	Each	4			
12.3	26 56 19	Supply and Install Light Poles and Bases	Each	18			
12.4	26 32 13.04	Supply and Install Diesel Generator and Tank	Lump Sum	1			
12.5	Division 26	Supply and Install Campground Electrical Kiosk	Lump Sum	1			
12.6	3475-06-C-131 3475-06-C-133 3475-06-E-101	Supply and Install Smart Parking Units	Lump Sum	1			

<b>TOTAL BID AMOUNT</b> Excluding applicable tax(es)	
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## D) QUESTIONS & ANSWERS

**Q39** What is the depth of the asphalt milling?

**A39** Refer to specification Section 02 41 13.13 Asphalt Paving Removal.

**Q40** Will all existing Asphalt be overlaid once the new structure construction/widening has been completed? And if so, will this depth differ from the 90mm stated in drawing C-301?

**A40** Yes. The maximum asphalt thickness over existing asphalt is 90mm. Thickness will vary depending on the grading.

**Q41** In areas where there will be new asphalt structure constructed adjacent to existing asphalt, will the new asphalt final grade tie in at the existing asphalt final grade? If so, will all existing asphalt edges be milled along the tie-in?

**A42** Yes. Refer to the IFC drawing. Existing asphalt edges will either be milled along the tie-in or removed.

**Q43** What is the depth of existing asphalt?

**A43** Please see Amendment 4, Answer 11.

**Q44** Is City of Calgary Spec 20mm and 40mm GBC a suitable substitute for the AT Spec 20mm and 40mm GBC?

**A44** Yes it is a suitable substitute.

**Q45** Hydroseed mix, the market is out of Spike Trisetum and has been for the last year. Sub for that is Junegrass the mix called for 15%. Is this ok? In regards to Hairy Wild Rye, product on the market is not clean, can we use Canada Wildrye instead.

**A45** Substitutions for seed mix will not be evaluated until one month prior to the contractors proposed start of seeding to reflect market conditions at that time. For the purpose of supplying a bid price, the contractor may assume the substitutions stated in the question on the condition that the cost for the modified seed mix is not be less than providing the original seed mix. Parks Canada reserves the right to require the original seed mix to be used at no additional cost should it be available at the time of seeding.

**Q46** What is the mulch rate for hydroseed?

**A46** See Section 32 92 19.16 of specifications in tender package revisions of this amendment. Seeding is to be completed using broadcast seeding or mechanical seeding, followed by hydro-mulching. Seeding and hydro-mulch rates are to be completed as identified in the updated specifications. The contractor shall review the JC EIA – Environmental Mitigations document; seeding requirements in that document are to take precedence over any conflicting items in the specifications.

**Q47** Please confirm three (3) Years maintenance for this project.

**A47** For all items with the exception of landscaping, the contractor is responsible for maintenance until the following conditions are met:

- O & M manual is handed over to Parks.
- Training is provided to Parks Staff.
- All works have been accepted by Parks and the site is handed over to Parks.

For landscaping and site restoration, the maintenance period is two years.

**Q48** Is there methane gas assessment/report regarding the removal and dispose/abandon existing sanitary sewer system, sometimes if there is a high concentration of this gas it will create an explosion.

**A48** No methane gas assessment or report is available. Contractor to remove and dispose of existing sanitary sewer system using accepted industry practices.

**Q49** Confirm intent for Appendix 12.1 Campground and DUA conduit and cabling as there are several sizes and gauges of wire

**A49** Appendix 12.1 – Price Form has been updated to reflect different size conduits and wire gauges.

**Q50** Secondary feed from Fortis 75KVA to WTF and Campground Kiosk appear to be undersized CEC Table D11A requires 2 x 3c500MCM CU to achieve a 400A underground service

**A50** Cables are sized correctly as per CEC.

**Q51** Confirm intent for Appendix 12.2 (4) Concrete bases. Is this for Fortis Primary Pull Boxes?

**A51** The four concrete bases are for the three (3) Fortis Transformers + (1) Switching Cubicle.

**Q52** Confirm if Telus pull boxes are required.

**A52** Telus pull boxes required to bury Telus cable from source to Water Treatment Facility and Kiosk Building. Contractor responsible for coordinating with Telus and installing pull boxes as per Telus requirements. Updated drawing E-101 shows the anticipated Telus pull boxes which the contractor shall use to bid the contract.

**Q53** Where in Appendix 1 are we to include all pull boxes and JB's for site utility, feeders, and branch wiring?

**A53** Utility (Fortis) pull boxes and conduit to be covered under Bid Item 3.8.1.1. Telus pull boxes and conduit to be covered under 3.8.1.2. Campground JB's and conduits to be covered under 3.8.1.3. And Campground cables to be covered under 3.8.1.4.

**Q54** Site Drawings indicate 18 Type A1's Appendix 1 indicates 14. Confirm quantity required.

**A54** Refer to IFC drawings for number of type A1 lights. Appendix 12.1 – Price Form has been updated to show 18 Type A1 lights.

**Q55** Confirm if bollards are required for Switching cubical, Campground Kiosk, and 3 Fortis transformers. Typically there are 2 per corner for a total of 8 per pad.

**A55** Yes, Bollards are to be supplied by contractor. Refer to the IFC drawings for the number of bollards and coordinates.

**Q56** Addendum 4 requires contractor to supply and install Q-Free electronic display. Provide specification on LED displays and if we are to replace displays in four signs indicated on Drawing C-133.

**A56** Contractor responsible for supplying and installing all electronic displays and ancillary equipment from Q-Free. The electronic displays and associated equipment specification to be obtained from Q-Free.

**Q57** Feed from ATS to 75KW Generator appears to be undersized CEC Table D11A requires 2 x 3c500MCM CU to achieve a 400A underground service.

**A57** Cables are sized correctly as per CEC.

**Q58** Specification Section 26 27 calls for a complete lighting control system Hubbell Building Automation LXIN484800 Lighting CP. Drawings indicate line voltage switches. Confirm intent.

**A58** Hubbell Building Automation not required. Use drawings for lighting control design.

**Q59** Is the 400a ATS also part of the scope for this project? It shows on SLD, but don't have a spec for the ATS>.

**A59** Please see ATS Specification Section 26 36 23.

**Q60** Clause 2.4.6 asks for a second generator breaker specifically for the load bank. SLD shows only the one main breaker – can you confirm if the load bank breaker is required?

**A60** Please provide items as per single line diagram on drawing 3475-06-E-102.

**Q61** 2.4.6 also calls for ground fault protection. LSIG breaker is not available for this small of a generator. Is a 400a 80% rated LSI breaker acceptable for the Gen Main breaker?

**A61** Yes, this is acceptable.

**Q62** 2.6.1 – Silex is no longer in business – the sound level of our factory critical grate muffler is 70.5 dBA at 7 metres in open field conditions. Is this acceptable?

**A62** Yes, this is acceptable.

**Q63** 3.3.6 requests a 4 hour heat run test per 282. Does the Gen Set have to meet the 15 second requirement to pick up the emergency load?

**A63** 15 Second requirement is not necessary.

**All other terms and conditions remain unchanged.**