



RETURN BIDS TO:

RETOURNER LES SOUMISSIONS Á:

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

INVITATION TO TENDER

APPEL D'OFFRES

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 Snowshed LED Lighting Installation Glacier National Park		
Solicitation No. - No. de l'invitation 5P420-15-5064/A		Date: May 27, 2015
GETS Reference No. - No de reference de SEAG PW-15-00682098		Amendment No. - N° de la modif. 003
Solicitation Closes:		
at - á 02:00 PM	on - le June 2, 2015	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 : Nathaniel Pahl		
Telephone No. - No de téléphone (403) 292-4572		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 3

This amendment is issued to answer questions from bidders and make changes to the tender documents.

Questions

- Q3.** In the specifications, Reference 26 56 19, Sections 2.5.4 and 2.5.10.1, please describe where the photocell needs to be installed. Can the photocell be part of the remote enclosure?
- A3.** Photocells are required on each davit mounted cobrahead roadway luminaire. Control System photocell is located on the east wall of the Single Bench Substation Building (High and Low Voltage Distribution Systems Package, Drawing 33)
- Q4.** Are the approach systems cabinets supplied by the lighting system control contractor?
- A4.** It is assumed that this question relates to the transformer cabinets and shall be supplied by Contractor.
- Q5.** Are the conduits between the Tupper 2 Electrical Room and the Tupper 1 East entrance installed under this contract or are these being installed under another? Are we to install only the electrical cables in existing conduits from Tupper 2 to Tupper 1?
- A5.** Conductors between Tupper 2 and Tupper 1 East shall be installed by the Contractor in existing conduits as part of this Contract.
- Q6.** Is there a specification for the Fibre cable being installed between Tupper 2 and Tupper 1? Or is this Fibre installed at a later date?
- A6.** The fibre cable is existing.
- Q7.** Is any of the underground work from the maintenance yard to the tunnels part of this contract?
- A7.** No.
- Q8.** Section 265619 - 2.5 Outlines a Sophisticated Lighting Control System with internal and external luminance meters which are not shown on the drawings. Specific Part numbers are not mentioned for the input components and the Lighting control cabinet is not clearly identified. Will a scope of work be given for the control system to ensure a complete system is supplied and installed in accordance with Tenders expectations?
- A8.** Internal and external luminance meters are not required but the system must support their future potential use. Section 26 56 19 2.5.4 indicates that the Contractor and Manufacturer Representative is to design, integrate, test and commission the following control methods:
- .1 Tunnel controller
 - .2 Photocell control
 - .3 Key-switch control.
- Performance specifications are provided in the Specifications and the Drawings include references to part numbers. Conformance to Specifications will be reviewed during the shop drawing review process and field reviews. Refer to the Drawings for additional information on the control system requirements.
- Q9.** Suppliers are providing quotations complete with luminance meters and Rack mounted lighting control equipment, is this required as it is not shown on drawings? Are additional conduits required which are not shown on drawings to provide power and communications to luminance meters?
- A9.** Internal and external luminance meters are not required but the system must support their future potential use. Control equipment is anticipated to be rack mounted in the substation room.

- Q10.** Bid Item 1C) Supply and Install aluminum junction boxes shows a quantity of (243). Drawing 6 shows a quantity of (224) to be installed. What is the correct quantity to be supplied and Installed?
- A10.** The bid item 1c) will be changed to 227. (224+3 spares).
- Q11.** Is the contractor to provide independent environmental monitoring during construction? Or will environmental monitoring be provided by Parks Canada's Environmental surveillance Officer (ESO)?
- A11.** The Contractor has environmental monitoring obligations as noted within Section 01 35 43 whereas the ESO will monitor the Contractor's performance against their environmental obligations.
- Q12.** Bid Item 6a) (Section 011400) Will temporary power and lighting be required for this project as there is no existing power or lighting in the Tupper #1 Tunnel?
- A12.** There is no existing lighting inside Tupper 1 snowshed but there is lighting in other snowshed and the approaches to them. Section 01 14 00 1.5 identifies the requirements for coordination and maintenance of power to existing lighting.
- Q13.** In Amendment #1, Question 2, regarding the Industrial Ethernet to connect to the fibre cable, can you specify if the fiber link will be Single Mode or Multi Mode and also the type of connector (SCE or SC/APC or ST) required on the Ethernet switch, Multiple variances are available.
- A13.** Single mode fibre and LC connectors.
- Q14.** Is the intent for the unistrut behind the light fixtures to run the entire length of the tunnel? Or is the unistrut to be mounted only behind individual fixtures?
- A14.** The unistrut is intended to be mounted behind multiple fixtures where they are spaced close together. This applies to the 1st and 2nd 50% Threshold Zones (red and blue on the drawings). In all other zones where the fixtures are spaced further apart, the unistrut should be mounted only behind the individual fixtures.

Changes

In: **Annex A – Price Form**
Section: **Unit Price Table**
Revise:

The quantity of Item no 1, c) "Supply and install Aluminum Junction Boxes, T-Tap splices, and fuses" is revised as follows:

Current Quantity:	243
Revised Quantity:	227

In: **Section 01 01 10, Table of Contents, page 2 of the specifications**
Section: **REFERENCE DOCUMENTS**
Delete: **Basic Environmental Impact Analysis, EBA, 2014**
Replace with: **i. MRG2014-05 2015 EIA Record of Decision**
ii. BEIA Rogers Pass Snowshed Lighting, April 2015 R.1

All other terms and conditions remain unchanged.