



TENDER AMENDMENT

RETURN BIDS TO:

Parks Canada Agency
635 – 8 Avenue S.W., Suite 1300
Calgary, AB T2P 3M3
Bid Fax: (403) 292-4475

The referenced document is hereby amended: unless otherwise indicated, all other terms and conditions of the contract remain the same.

Issuing Office:

Parks Canada Agency
635 – 8 Avenue S.W., Suite 1300
Calgary, AB T2P 3M3

MODIFICATION D'APPEL D'OFFRES

RETOURNER LES SOUMISSIONS À :

Agence Parcs Canada
635 – 8 Avenue S.O., pièce 1300,
Calgary, AB T2P 3M3
N° de télécopieur pour soumissions : (403) 292-4475

Ce document est par la présente révisé; sauf indication contraire, les modalités de l'invitation demeurent les mêmes.

Bureau de distribution :

Agence Parcs Canada
635 – 8 Avenue S.O., pièce 1300
Calgary (AB) T2P 3M3

Title: Compound Operations Centre Redevelopment, Riding Mountain National Park		
Solicitation No.: / N° de l'invitation : 5P420-17-5024/A	Amendment No.: / N° de modification de l'invitation : 005	Date: May 10, 2017 Date : 10 mai 2017
GETS Reference No.: / N° de référence de SEAG : PW-17-00774185		
Solicitation Closes: / L'invitation prend fin :		
At: 02:00 PM	On: May 16, 2017	Time Zone: Mountain Daylight Time (MDT)
À : 14h00	Le : 16 mai 2017	Fuseau horaire : Heure avancée des Rocheuses (HAR)
Address Inquiries to: / Adresser toute demande de renseignements à : Nicole Levesque-Welch		
Telephone No.: / N° de téléphone : (403) 292-4691	Fax No.: / N° de télécopieur : (403) 292-4475	Email Address: / Courriel : nicole.levesque-welch@pc.gc.ca
TO BE COMPLETED BY THE BIDDER (type or print) À ÊTRE COMPLÉTER PAR LE SOUMISSIONNAIRE (taper ou écrire en caractères d'imprimerie)		
Vendor/Firm Name – Nom du fournisseur/de l'entrepreneur		
Address - Adresse		
Name of person authorized to sign on behalf of the Vendor/Firm Nom de la personne autorisée à signer au nom du fournisseur/de l'entrepreneur		
Title - Titre		
Signature		Date



AMENDMENT 005

This amendment is being raised to respond to questions submitted in response to solicitation 5P420-17-5024/A:

A. QUESTIONS AND ANSWERS

- Q50. Electrical: The spec calls for all conduit and cables in cable tray, and to follow the general guidelines of where they are shown on the plans. There aren't any cable trays shown on the plans. Is the cable tray required? I would also like to confirm if Rigid aluminum conduit is the only option for conduit runs, and that teck is the only option for cable?
- A50. There is no requirement to use cable trays on this project. Conduits and cables do not need to be run in cable trays. Other types of conduit besides rigid aluminum are acceptable. It is acceptable to use BX rather than tech cable indoors.
- Q51. Electrical: The showers and washrooms show smoke detectors, these will be an issue with the humidity, what should be installed in these areas?
- A51. Remove smoke detectors in the shower and washroom areas.
- Q52. Regarding DWG S-101: Wood Notes: Item #3- Refers to Lintels as pre-engineered, however, DWG S-104: Lintel Schedule, there are several glulams specified...Typically Glulams are used as an architecturally exposed feature and are more expensive. Our truss manufacturer has stated that LVL's will work fine here... Please clarify.
- A52. Glulam lintels can be replaced with LVL beams. LVL beams shall be designed by Contractor Engineer if Contractor decides to use them as replacement to Glulam beam. The Contractor will need to submit the LVL design signed and sealed by his Engineer for Consultant approval.
- Q53. What is controlling the corridor 102 lighting?
- A53. Corridor lights are always on and are controlled from the panel breaker.
- Q54. Who is supplying the control company?
- A54. All controls referenced on Mechanical drawings or specifications are the responsibility of the Mechanical contractor. Otherwise, controls are the responsibility of the Electrical Contractor.
- Q55. Inquiring if there is a current accepted manufacturer listing for the mechanical section to the project Noted Above, I do not see one located on the drawings and specs uploaded the plan room.
- A55. Acceptable manufacturers list for Mechanical Equipment is contained in Section 21 05 01 – Common Work Results for Mechanical part 1.30.5.
- Q56. Is there a spec for the concrete base for the holding tank or can we use parking curbs with cables? The specification for the septic holding tank calls for 2' burial tank. We think the tank should be a minimum 4' with insulation cover for frost protection.
- A56. Refer to Section 33 36 00 – Utility Septic Tanks, part 2.1.3. Amended to read “Tank to be suitable for burial up to 2.13 meters below grade to top of tank. Parking curbs for weight are acceptable providing they provide the required weight to keep the tank from floating. Use the manufacturer’s recommendations regarding the method of securing the tank to the concrete weights.
- Q57. The ceiling construction schedule on drawing A-001 mentions that C4 is to be a 203 x 305 metal plank ceiling system but there is no specification for this. Please advise.
- A57. See previous amendment.



- Q58. Referring to the room finish schedule on the plans calls for SV1, SV2, SV3 and SC, the specification only talks about epoxy flooring, which is not shown on the room schedule. Can you help clarify the flooring materials or provide guidance?
- A58. Resilient Flooring Spec added to Addendum. Epoxy flooring in shower area.
- Q59. Specifications 04 22 00 2.1.3 mentions smooth face 100x100x200mm block veneer with integral water repellent admixture, but I only see split face block veneer mentioned on the drawings (elevations). 04 22 00 3.3.13 talks about a smooth face soldier course, but I do not see this anywhere on the drawings either. Please clarify if this is actually part of this project and where it is/how much I should allow for.
- A59. See previous amendment.
- Q60. Specifications 04 22 00 2.1.3 & 2.1.4 say to refer to color schedule in section 09 06 00 to find the block veneer color. A review of the specs was done and section 09 06 00 does not exist. Please clarify what color the masonry veneer should be.
- A60. See previous amendment.
- Q61. Specifications 04 22 00 3.4.2 says "concrete unit masonry to receive seamless glazed coatings is to be laid plumb, with maximum variation of 3mm in 3m" What is this glazed coating supposed to be? Are we supposed to apply an anti-graffiti coating or is this referring to something else?
- A61. No coating is required. Clause 3.4.2 deleted in previous amendment.
- Q62. What is the elevation of the top of foundation in relation to the existing ground?
- A62. Refer to drawing C-102. See folder DSP 5 – 17-5024.
- Q63. Is landscaping included in this bid? We found information in specifications but not in the plans? Will you be providing these plans?
- A63. Minimum amount of landscaping, see revised civil drawings. Refer to drawing C-102. See folder DSP 5 – 17-5024.
- Q64. This project has masonry units on the building envelope. Should Annex A, Price Form, have a Section 04 Masonry added, or should we include the masonry in another section such as finishes?
- A64. See revised Price Form below.
- Q65. Is to be installing the telephone/data line?
- A65. This is out of the scope of this requirement, but did need to be shown in the drawings.
- Q66. Where are the emergency lighting battery packs placed as there is none on the plans?
- A66. See revised Drawing E-103 with the battery pack locations shown.
- Q67. We are looking for design parameters by which we can size and price the vertical geothermal heat exchanger (GHX). The references made in the design documents (i.e. match to heat pump size) is insufficient for proper sizing of this system.
- Please provide building heating and cooling loads – peak capacities and annual aggregates – to be met by the vertical GHX. Alternatively, please specify the size (i.e. number of boreholes and/or linear feet of drilling) to be priced.
- A68. The GHX is to be sized priced based on the information provided.



- Q69. Is this new Operations Building located in the Riding Mountain National Park Maintenance Compound?
- A69. Yes. Refer to Civil Site Plan for location of Project.
- Q70. Referring to Amendment 003, Geotechnical Report, can you please clarify the proposed building location for the Compound Operations Building? The report, dated 1995, references 3 different proposed buildings, and shows test hole results from 3 different locations on the site, but we would like clarification on exactly where this new building will be located.
- A71. Refer to Plate 1.1 of this report. The Proposed Operations Building is to be situated due west of TH1. Also refer to drawing C-102. See folder DSP 5 – 17-5024.
- Q72. Do you have (beyond the geotechnical supplied) either a completed TC thermal conductivity test and or a drill bore log that goes down to the 200 ft depth?
- A72. Not at this time.
- Q73. Section 07 46 13 article 2.2.1.1.1 states that the cladding is to be Vicwest cladding. Please specify a specific product & colour so that we can price the project correctly.
- A73. See amendment 004 for further details
- Q74. No specification has been provided for the air barrier required behind the exterior cladding. Please advise.
- A74. See amendment 004 for further details.
- Q75. On detail 1 & 2 on page A-401 they show wood soffit and then venting. The specification state that the soffit is to be 26 gauge vented soffit. Please advise.
- A75. Refer to Section 07 62 00 - Metal Flashing and Trim. Delete clause 2.1.2. (no sheet metal soffits required).
- Q76. Section 07 61 00 article 3.4 states that snow bar is required as shown on drawings. The drawings do not show any snow bar. Please advise if this is still required.
- A76. See Amendment #4, part 1.5.4 - Delete 3.4 – Snow Guard System.
- Q77. The spec for the holding tank is a 2' burial tank. Would a tank with a minimum 4' depth and insulation perhaps be more efficient? Or perhaps a concrete tank might be a better choice as there may be floating issues. Please advise if these proposed alternatives are acceptable.
- A77. Refer to Amendment #4. Parking curbs for weight are acceptable providing they provide the required weight to keep the tank from floating. Use the manufacturer's recommendations regarding the method of securing the tank to the concrete weights.

B. APPROVED ALTERNATIVES

The following alternatives were approved:

- Clark Roofing JSM Standing Seams
- Soprema Lastobond Shield HT
- SA Armstrong Expansion tanks



C. PRICE FORM REVISION

Under page 12 of 17, Annex A, Price Form:

DELETE: In its entirety

REPLACE WITH: See following page. Change is marked in red.

All other terms and conditions remain the same.



ANNEX A 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.

LUMP SUM AND UNIT PRICE TABLE

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

The Unit Price 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.

Item no.	Spec section	Description	Unit of Measurement	Est. Qty	Price per Unit GST/HST extra	Estimated Total Price GST/HST extra
1	Section 01	General Requirements	Lump Sum	1	\$_____	\$_____
2	Section 03	Concrete	Lump Sum	1	\$_____	\$_____
3	Section 04	Masonry	Lump Sum	1	\$_____	\$_____
4	Section 05	Metals	Lump Sum	1	\$_____	\$_____
5	Section 06	Wood, Plastics, and Composites	Lump Sum	1	\$_____	\$_____
6	Section 07	Thermal and Moisture Protection	Lump Sum	1	\$_____	\$_____
7	Section 08	Openings	Lump Sum	1	\$_____	\$_____
8	Section 09	Finishes	Lump Sum	1	\$_____	\$_____
9	Section 10	Specialties	Lump Sum	1	\$_____	\$_____
10	Section 21	General Mechanical	Lump Sum	1	\$_____	\$_____
11	Section 22	Plumbing	Lump Sum	1	\$_____	\$_____
12	Section 23	Heating, Ventilating, and Air Conditioning	Lump Sum	1	\$_____	\$_____
13	Section 26	Electrical	Lump Sum	1	\$_____	\$_____



Item no.	Spec section	Description	Unit of Measurement	Est. Qty	Price per Unit GST/HST extra	Estimated Total Price GST/HST extra
14	Section 31	Earthwork	Lump Sum	1	\$_____	\$_____
15	Section 33	Utilities	Lump Sum	1	\$_____	\$_____
TOTAL BID PRICE Transfer amount to subparagraph 1) of BA03						\$_____