



Parks Canada Agency Bid Receiving Unit  
 National Contracting Services  
 Bid Fax: 1-866-246-6893  
 Bid E-mail Address:  
[soumissionsouest-bidswest@canada.ca](mailto:soumissionsouest-bidswest@canada.ca)

This is the only acceptable email address for responses to the bid solicitation. Bids submitted by email directly to the Contracting Authority or to any other email address will not be accepted.

The maximum email file size is 15 megabytes. The Parks Canada Agency (PCA) is not responsible for any transmission errors. Emails with links to bid documents will not be accepted.

## REVISION 002 TO A REQUEST FOR PROPOSAL

The referenced document is hereby revised; unless otherwise indicated, all other terms and conditions remain the same.

**Issuing Office:**  
 Parks Canada Agency  
 National Contracting Services  
 Calgary, Alberta

|  |                                |
|--|--------------------------------|
| <b>Title:</b><br>Parks Canada Radio Dispatch Upgrade Project – Banff and Jasper National Parks |                                |
| <b>Solicitation No.:</b><br>5P420-22-0277/A  | <b>Date:</b><br>August 8, 2023 |
| <b>Amendment No.:</b><br>002   |                                |
| <b>Client Reference No.:</b><br>N/A  |                                |
| <b>GETS Reference No.:</b><br>N/A  |                                |

|   |                          |
|---|--------------------------|
| <b>Solicitation Closes:</b><br>At: <b>14:00</b><br>On: <b>August 24, 2023</b> | <b>Time Zone:</b><br>MDT |
|---|--------------------------|

|  |                                       |
|--|---------------------------------------|
| <b>F.O.B.:</b><br>Plant: <input type="checkbox"/> Destination: <input checked="" type="checkbox"/> Other: <input type="checkbox"/> |                                       |
| <b>Address Enquiries to:</b><br>Ryan Taylor  |                                       |
| <b>Email Address:</b><br><a href="mailto:ryan.taylor@pc.gc.ca">ryan.taylor@pc.gc.ca</a>  | <b>Telephone No.:</b><br>587-436-5987 |
| <b>Fax No.:</b><br>1-866-246-6893  |                                       |
| <b>Destination of Goods, Services, and Construction:</b><br>Banff and Jasper National Parks  |                                       |

### TO BE COMPLETED BY THE BIDDER

|   |                       |
|---|-----------------------|
| <b>Vendor/ Firm Name:</b>   |                       |
| <b>Address:</b>   |                       |
| <b>Telephone No.:</b>   | <b>Email Address:</b> |
| <b>Name of person authorized to sign on behalf of the Vendor/ Firm (type or print):</b> |                       |
| <b>Signature:</b>   | <b>Date:</b>          |

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**Contracting Authority:**  
Ryan Taylor

**Client Reference No.:**  
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**Title:**  
Parks Canada Radio Dispatch Upgrade Project – Banff and Jasper National Parks

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## **Amendment 002**

This amendment is raised to provide responses to bidder questions and to amend Annex A, and to extend the solicitation closing date to August 24, 2023

- A. Extend the solicitation closing date.
- B. Answer questions from bidders.
- C. Amend Annex A – Statement of Work.

### **A. Solicitation closing date**

The closing date for solicitation 5P420-22-0277/A, titled "Parks Canada Radio Dispatch Upgrade Project – Banff and Jasper National Parks", is extended from August 11, 2023 to **August 24, 2023 at 14:00 MDT**.

If you have already submitted your bid, you are invited to send us your revisions, where necessary, by fax (1-866-246-6893) or email ([soumissionsouest-bidswest@canada.ca](mailto:soumissionsouest-bidswest@canada.ca)). Please indicate the solicitation number on all correspondence.

### **B. Questions and Answers**

- Q1. With regards to the provision for future ROIP and DFSI resources, could you clarify if we should include the cost of hardware and licensing in our proposal, or are you seeking confirmation of system expandability, with the purchase of hardware and licensing to be made at the time of deployment?
  - A1. The intent of the SOW was for the contractor to confirm that the system is expandable to achieve any "future" limit, but not to price them in. This would apply to all references to "future" system capability in the document, which occurs several times. As a nice to have, it would be good to know what the process to achieve future system expansion looks like, for example it is just a matter of software changes / licensing, or would it require additional hardware and system architecture changes?
  
- Q2. In reference to the AFRRCS channels displayed as future items in the drawing on page 21 and the requirement stated in item 6.4.5 on page 25, should our proposal include the cost for CSSI and its associated licensing? If so, could you indicate the number of simultaneous talk paths you anticipate needing? Alternatively, are you simply seeking confirmation of our system's capability to accommodate these additions in the future?
  - A2. Yes, the bid should include the costs for anything required for interfacing with AFRRCS. As far as Talk Groups, the drawing on page 21 currently shows 2 initial Talk Groups for Banff and 2 for Jasper (4 total) and that would be the requirement of the contractor to supply at system implementation. However, there could be future system expansion required for 3-6 more AFRRCS talkgroups in the future, such as connections to other National Parks in Alberta (Wood Buffalo, Elk Island, & Waterton) or additional Banff and Jasper talkgroups. This part of the system should be expandable.
  
- Q3. Regarding the requirement in item 6.4.3 for future integration of 10 SIP devices, do we need to include the cost for licensing and hardware for SIP integration in our proposal, or are you only seeking verification of our system's capacity for future additions?
  - A.3 The intent of the SOW was for the contractor to confirm that the system is expandable to achieve any "future" limit, but not to price them in. Therefore no pricing around SIP integration is required.

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- Q4. There appears to be a discrepancy between the quantities of ROIP interfaces mentioned in item 6.4.8 on page 25 and those indicated in the drawing on page 21. Could you please clarify the exact number of ROIP interfaces required at each location?
- A4. The wording in 6.4.8 takes precedence and is the correct one – it includes 2 built in spares for each location (so Jasper will have 28 active plus 2 spares, and Banff will have 6 active plus 2 spares).
- Q5. Could you kindly provide a list of remote locations of NXU-2A, including the quantity of radio resources at each location?
- A5. The specifics of this are not relevant to the contract bid, but it could be any national park or reserve in Canada, which would host one NXU-2A per location:  
[https://en.wikipedia.org/wiki/List\\_of\\_national\\_parks\\_of\\_Canada](https://en.wikipedia.org/wiki/List_of_national_parks_of_Canada)
- Q6. Items 6.3.4 and 6.3.5 on page 24 mention a "Mouse Footswitch". Could you confirm whether this is a typographical error and you are in fact, requesting both a mouse and a PTT footswitch?
- A6. This is a typo and should read as two separate line items: (1) Mouse (2) PTT Footswitch. See changes included below.
- Q7. Are the laptops mentioned in your specifications primarily for mobility or for their compact size? We ask this as the addition of external speakers, monitors, and a footswitch may potentially limit the mobility of the laptops.
- A7. The laptops are for semi-permanent locations to be relocated as required, and we understand the mobility limitations of adding external devices.
- Q8. In item 6.3.5 on page 24, you requested accessibility components in the laptop. Could you please provide more specific details about the exact accessibility components you require?
- A8. This item is another typo and should be deleted entirely.
- Q9. Do you require Battery Back Up in any location, if so, do you have a size requirement?
- A9. Battery Back Up to be provided by Parks Canada and is not part of the contract.
- Q10. Can you please advise the make and model of radio's used?
- A10. As per Figure 1, all dispatch radios are Codan MT4-E Base Stations with the addition of 2 ICOM SAT-100M radios. Radios at remote ends of the existing NXU's are either Motorola CDM1250 or Motorola XPR2500.
- Q11. Is DTMF only used to activate & de-activate relays or are there other uses of DTMF. If there are other uses for DTMF than activate/deactivate relays, please provide details on the expectations.
- A11. Activating and de-activating relays or devices is the only use of DTMF. The far end devices all decode DTMF in analog mode under the current system. must be available on radio channels to activate remote sign controls (i.e. Castle Junction Road Closure).
- Q12. If the current and new console systems are to be run in parallel for a period does Parks want separate Mobile Radio interfaces or will they allow us to bridge into the existing interface?
- A12. It will likely not be possible to bridge into the existing interface, but if the contractor has a method of doing so without disrupting communications, then yes this is acceptable. As stated in section 6.5.7, it is acceptable for the contractor to switch over interfaces from the old system to the new system with a brief interruption in service during the switchover process. The exact plan from the contractor on how to achieve the switchover is subject to Parks Canada approval.

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Q13. Is there adequate space for our new console from a furniture perspective?  
A13. As long as the footprint of the new console is equal to or less than the footprint of a Zetron S4000 console, there will be adequate room.

Q14. Do the CSSI connections need to have redundancy?  
A14. No, not for the scope of this project.

Q15. Does your WAN/LAN support Multicast? If not Multicast, will you allow GRE tunnels on your WAN/LAN?  
A15. Yes, it does.

Q16. Are there specific CSSI integration features you are wanting to see?  
A16. Not specifically, but we require the ability for full two-way communication with AFRRCS talkgroups at National Park locations within Alberta.

### **C. Amend Annex A – Statement of Work**

The Statement of Work at Annex A of solicitation 5P420-22-0277/A, titled “Parks Canada Radio Dispatch Upgrade Project – Banff and Jasper National Parks” is amended as included herein.

Bidders MUST submit their bids in accordance with the Statement of Work included herein. Bids that are not submitted in accordance with this amendment will be deemed non-responsive to the solicitation requirements.

**B.1** Delete 6.3.4 and 6.3.5 in their entirety and replace with the following:

#### **INSERT**

6.3.4 Each fixed console station is to be equipped with the following minimum accessories:

- a) Touchscreen Monitor (minimum of 27”)
- b) Wireless Headset
- c) External Speakers
- d) Mouse**
- e) PTT Footswitch**

6.3.5 Each laptop console station is to be equipped with the following minimum accessories:

- a) Touchscreen Monitor (minimum of 15”)
- b) Wireless Headset
- c) External Speakers
- d) Mouse**
- e) PTT Footswitch**
- ~~e) [1] of the laptop console station must be equipped with accessibility components~~**

**B.2** Delete 6.5.4 in its entirety and replace with the following:

#### **INSERT**

6.5.4 As part of the implementation, the Contractor must include/ provide to Parks Canada staff: (1) basic dispatcher/ operator training; (2) system administration training [i.e. how to add/ remove users, how to add/remove radio channels, set permissions, etc.]; and (3) back-end technical maintenance

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training for technical staff (technologists) on how to troubleshoot and maintain the system. One (1) Written and a PDF user/technical manuals and hands on training is required; all training must be completed before system cut over.

**B.3** Add 6.5.8 and 6.5.9

**INSERT**

6.5.8 The contractor must supply 10% common hardware and all critical spares (which number less than 10 in the system) to be provided with the original system hardware (i.e. DFSI/VOIP cards, far end gateways etc.)

6.5.9 The Contractor should Initially provide a price list of all potentially needed spare parts, and refresh that price list on a yearly basis and on request.

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**ALL OTHER TERMS & CONDITIONS REMAIN UNCHANGED**