



**RETURN BIDS TO:**

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.

**REQUEST FOR QUOTATION**

**Quotation to: Parks Canada Agency**

We hereby offer to sell to His Majesty the King in right of Canada, in accordance with the terms and conditions set out herein, referred or attached hereto, the goods, services and construction listed herein or on any attached sheets at the price(s) set out therefor.

**Comments:**

**Issuing Office:**

Parks Canada Agency  
 National Contracting Services  
 Calgary, AB

<b>Title:</b> Traffic Monitoring – Western Parks	
<b>Solicitation No.:</b> 5P420-23-0261/A	<b>Date:</b> January 25, 2024
<b>Client Reference No.:</b> N/A	
<b>GETS Reference No.:</b> N/A	

<b>Solicitation Closes:</b> <b>At: 14:00</b> <b>On: February 21, 2024</b>	<b>Time Zone:</b> <b>MST</b>
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<b>F.O.B.:</b> Plant: <input type="checkbox"/> Destination: <input checked="" type="checkbox"/> Other: <input type="checkbox"/>	
<b>Address Enquiries to:</b> Emilie Goulet	
<b>Telephone No.:</b> 403-497-6534	<b>Fax No.:</b> 1-866-246-6893
<b>Email Address:</b> <a href="mailto:Emilie.goulet@pc.gc.ca">Emilie.goulet@pc.gc.ca</a>	
<b>Destination of Goods, Services, and Construction:</b> See Herein	

**\*\*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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**Amendment No.:**  
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**Contracting Authority:**  
Emilie Goulet

**Client Reference No.:**  
N/A

**Title:**  
Traffic Monitoring – Western Parks

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### **IMPORTANT NOTICE TO BIDDERS**

**BIDS RECEIVED BY FAX AND EMAIL WILL BE ACCEPTED AS OFFICIAL.**

**BIDS RECEIVED IN-PERSON OR BY COURIER WILL NOT BE ACCEPTED.**

The only acceptable email address for responses to the bid solicitation is [soumissionsouest-bidswest@canada.ca](mailto:soumissionsouest-bidswest@canada.ca). Bids submitted by email directly to the Contracting Authority or to any email address other than [soumissionsouest-bidswest@canada.ca](mailto:soumissionsouest-bidswest@canada.ca) will not be accepted.

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Emails with links to bid documents will not be accepted. Bid documents must be sent as email attachments.

#### **Direct Deposit**

The Government of Canada has replaced cheques with direct deposit payment(s); an electronic transfer of funds deposited directly into a bank account. In order to receive payment, new vendors that are awarded a contract will be required to complete a direct deposit enrolment form to register their direct deposit information with Parks Canada.

Additional information on this Government of Canada initiative is available at:  
<http://www.directdeposit.gc.ca>

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## **PART 1 – INFORMATION AND INSTRUCTIONS**

### **1.1. Security Requirements**

There is no security requirement associated with the bid solicitation.

### **1.2. Statement of Work**

The Work to be performed is detailed under Article 6.2 of the resulting contract clauses.

### **1.3. Debriefings**

Bidders may request a debriefing on the results of the bid solicitation process. Bidders should make the request to the Contracting Authority within 15 working days from receipt of the results of the bid solicitation process. The debriefing may be in writing, by telephone or in person.

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## **PART 2 – BIDDER INSTRUCTIONS**

### **2.1. Standard Instructions, Clauses and Conditions**

All instructions, clauses and conditions identified in the bid solicitation by number, date and title are set out in the [Standard Acquisition Clauses and Conditions Manual](https://buyandsell.gc.ca/policy-and-guidelines/standard-acquisition-clauses-and-conditions-manual) (<https://buyandsell.gc.ca/policy-and-guidelines/standard-acquisition-clauses-and-conditions-manual>) issued by Public Works and Government Services Canada.

Bidders who submit a bid agree to be bound by the instructions, clauses and conditions of the bid solicitation and accept the clauses and conditions of the resulting contract.

The [2003](#) (2023-06-08), Standard Instructions – Goods or Services – Competitive Requirements, are incorporated by reference into and form part of the bid solicitation.

All reference to the Minister of Public Works and Government Services Canada shall be deleted and replaced with the Minister of the Environment for the purposes of the Parks Canada Agency. All reference to the Department of Public Works and Government Services Canada shall be deleted and replaced with the Parks Canada Agency.

Subsection 2. entitled Canada Post Corporation's Connect service of section 08, Transmission by facsimile or by Canada Post Corporation's (CPC) Connect service of the Standard Instructions [2003](#).

### **2.2. Submission of Bids**

Bids must be submitted only to the Parks Canada Agency (PCA) Bid Receiving Unit by the date and time indicated on page 1 of the bid solicitation.

**Bids submitted in-person or by courier will not be accepted.**

The only acceptable facsimile for responses to bid solicitations is 1-866-246-6893.

The only acceptable email address for responses to bid solicitations is [soumissionsouest-bidswest@canada.ca](mailto:soumissionsouest-bidswest@canada.ca).

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The Bidder should be cognisant of the size of the email as a whole, and not only the attachments. Please take into consideration that some attachments, when sent, may be resized during the email transfer. If the email size is too large, the Bidder should send the bid in multiple emails properly labeled with the solicitation number, project name, and indicate how many emails are included (ex. 1 of 2).

Emails with links to bid documents will not be accepted. Bid documents must be sent as email attachments.

### **2.3. Enquiries – Bid Solicitation**

All enquiries must be submitted in writing to the Contracting Authority no later than seven (7) calendar days before the bid closing date. Enquiries received after that time may not be answered.

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Bidders should reference as accurately as possible the numbered item of the bid solicitation to which the enquiry relates. Care should be taken by Bidders to explain each question in sufficient detail in order to enable Canada to provide an accurate answer. Technical enquiries that are of a proprietary nature must be clearly marked "proprietary" at each relevant item. Items identified as "proprietary" will be treated as such except where Canada determines that the enquiry is not of a proprietary nature. Canada may edit the question(s) or may request that the Bidder do so, so that the proprietary nature of the question(s) is eliminated, and the enquiry can be answered to all Bidders. Enquiries not submitted in a form that can be distributed to all Bidders may not be answered by Canada.

## **2.4. Applicable Laws**

Any resulting contract must be interpreted and governed, and the relations between the parties determined, by the laws in force in Alberta.

The Bidder may, at its discretion, substitute the applicable laws of a Canadian province or territory of its choice without affecting the validity of its bid, by deleting the name of the Canadian province or territory specified and inserting the name of the Canadian province or territory of its choice. If no change is made, it acknowledges that the applicable laws specified are acceptable to the Bidder.

## **2.5. Bid Challenge and Recourse Mechanisms**

**2.5.1.** Several mechanisms are available to potential suppliers to challenge aspects of the procurement process up to and including contract award.

**2.5.2.** Canada encourages suppliers to first bring their concerns to the attention of the Contracting Authority. Canada's [Buy and Sell website](#), under the heading "[Bid Challenge and Recourse Mechanisms](#)" contains information on potential complaint bodies such as:

- Office of the Procurement Ombudsman (OPO)
- Canadian International Trade Tribunal (CITT)

**2.5.3.** Suppliers should note that there are strict deadlines for filing complaints, and the time periods vary depending on the complaint body in question. Suppliers should therefore act quickly when they want to challenge any aspect of the procurement process.

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## **PART 3 – BID PREPARATION INSTRUCTIONS**

### **3.1. Bid Preparation Instructions**

Canada requests that the bid be gathered per section and separated as follows:

Section I: Financial Bid  
Section II: Certifications

Prices must appear in the financial bid only. No prices must be indicated in any other section of the bid.

#### **Section I: Financial Bid**

Bidders must submit their financial bid in accordance with the Basis of Payment at Annex B.

##### **3.1.1. Exchange Rate Fluctuation**

*SACC Manual* clause [C3011T](#) (2013-11-06), Exchange Rate Fluctuation

#### **Section II: Certifications**

Bidders must submit the certifications and additional information required under Part 5.



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## **PART 4 – EVALUATION PROCEDURES AND BASIS OF SELECTION**

### **4.1. Evaluation Procedures**

- (a) Bids will be assessed in accordance with the entire requirement of the bid solicitation including the technical and financial evaluation criteria.
- (b) An evaluation team composed of representatives of Canada will evaluate the bids.

#### **4.1.1. Financial Evaluation**

SACC *Manual* Clause [A0220T](#) (2014-06-26) Evaluation of Price – Bid

#### **4.1.2. Basis of Selection**

A bid must comply with all requirements of the bid solicitation to be declared responsive. The responsive bid with the lowest evaluated price will be recommended for award of a contract.

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## **PART 5 – CERTIFICATIONS AND ADDITIONAL INFORMATION**

Bidders must provide the required certifications and additional information to be awarded a contract.

The certifications provided by Bidders to Canada are subject to verification by Canada at all times. Unless specified otherwise, Canada will declare a bid non-responsive, or will declare a contractor in default if any certification made by the Bidder is found to be untrue whether made knowingly or unknowingly, during the bid evaluation period or during the contract period.

The Contracting Authority will have the right to ask for additional information to verify the Bidder's certifications. Failure to comply and to cooperate with any request or requirement imposed by the Contracting Authority will render the bid non-responsive or constitute a default under the Contract.

### **5.1. Certifications Required with the Bid**

Bidders must submit the following duly completed certifications as part of their bid.

#### **5.1.1. Integrity Provisions – Declaration of Convicted Offences**

In accordance with the Integrity Provisions of the Standard Instructions, all Bidders must provide with their bid, if applicable, the declaration form available on the [Forms for the Integrity Regime](http://www.tpsgc-pwgsc.gc.ca/ci-if/declaration-eng.html) website (<http://www.tpsgc-pwgsc.gc.ca/ci-if/declaration-eng.html>), to be given further consideration in the procurement process.

### **5.2. Certifications Precedent to Contract Award and Additional Information**

The certifications and additional information listed below should be submitted with the bid, but may be submitted afterwards. If any of these required certifications or additional information is not completed and submitted as requested, the Contracting Authority will inform the Bidder of a time frame within which to provide the information. Failure to provide the certifications or the additional information listed below within the time frame specified will render the bid non-responsive.

#### **5.2.1. Integrity Provisions – Required Documentation**

In accordance with the section titled Information to be provided when bidding, contracting or entering into a real property agreement of the [Ineligibility and Suspension Policy](http://www.tpsgc-pwgsc.gc.ca/ci-if/politique-policy-eng.html) (<http://www.tpsgc-pwgsc.gc.ca/ci-if/politique-policy-eng.html>), the Bidder must provide the required documentation, as applicable, to be given further consideration in the procurement process.

The Bidder, regardless of their status under the [Ineligibility and Suspension Policy](http://www.tpsgc-pwgsc.gc.ca/ci-if/politique-policy-eng.html), must provide the information requested at **Annex E to Part 5 of the Bid Solicitation** prior to contract award.

#### **5.2.2. Former Public Servant**

Contracts awarded to former public servants in receipt of a pension or a lump sum payment must bear the closest public scrutiny and reflect fairness in the spending of public funds.

In order to comply with Treasury Board policies and directives on contracts awarded to Former Public Servants, the Bidder must provide the information requested at **Annex F to Part 5 of the Bid Solicitation** prior to contract award.

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### **5.2.3. Federal Contractors Program for Employment Equity – Bid Certification**

By submitting a bid, the Bidder certifies that the Bidder, and any of the Bidder's members if the Bidder is a Joint Venture, is not named on the Federal Contractors Program (FCP) for employment equity "FCP Limited Eligibility to Bid" list available at the bottom of the page of the [Employment and Social Development Canada \(ESDC\) – Labour's](#) website.

Canada will have the right to declare a bid non-responsive if the Bidder, or any member of the Bidder if the Bidder is a Joint Venture, appears on the "FCP Limited Eligibility to Bid" list at the time of contract award.

Canada will also have the right to terminate the Contract for default if a Contractor, or any member of the Contractor if the Contractor is a Joint Venture, appears on the "[FCP Limited Eligibility to Bid](#)" list during the period of the Contract.

The Bidder must provide the information requested at **Annex G to Part 5 of the Bid Solicitation** prior to contract award. If the Bidder is a Joint Venture, the Bidder must provide the information requested for each member of the Joint Venture.

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## **PART 6 – RESULTING CONTRACT CLAUSES**

The following clauses and conditions apply to and form part of any contract resulting from the bid solicitation.

### **6.1. Security Requirements**

There is no security requirement applicable to the Contract.

### **6.2. Statement of Work**

The Contractor must perform the Work in accordance with the Statement of Work at Annex A.

#### **6.2.1 Work Authorization – As-and-when Requested Services**

A Work Authorization (WA) may be used to authorize work on an “as and when requested basis” under this contract using the following administrative process:

- (a) The Project Authority will prepare a WA providing details of the services required and submit to the Contractor.
- (b) The WA will contain the details of the activities to be performed, a description of the deliverables, and a schedule indicating completion dates for the major activities or submission dates for the deliverables.
- (c) The Contractor must provide the Project Authority the proposed estimated cost for performing the task and a breakdown of that cost, established in accordance with the Basis of Payment specified in the Contract.
- (d) The Contractor must not commence work until a WA authorized by the Project Authority has been received by the Contractor. The Contractor acknowledges that any work performed before a WA has been received will be done at the Contractor’s own risk.

#### **6.2.2 Canada’s Obligation – Portion of the Work – Work Authorizations**

Canada's obligation with respect to the portion of the Work under the Contract that is performed through work authorizations is limited to the total amount of the actual tasks performed by the Contractor.

### **6.3. Standard Clauses and Conditions**

All clauses and conditions identified in the Contract by number, date and title are set out in the [Standard Acquisition Clauses and Conditions Manual](https://buyandsell.gc.ca/policy-and-guidelines/standard-acquisition-clauses-and-conditions-manual) (https://buyandsell.gc.ca/policy-and-guidelines/standard-acquisition-clauses-and-conditions-manual) issued by Public Works and Government Services Canada.

#### **6.3.1. General Conditions**

[2010C](#) (2022-12-01), General Conditions – Services (Medium Complexity) apply to and form part of the Contract.

All reference to the Minister of Public Works and Government Services Canada shall be deleted and replaced with the Minister of the Environment for the purposes of the Parks Canada Agency. All reference

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to the Department of Public Works and Government Services Canada shall be deleted and replaced with the Parks Canada Agency.

#### **6.4. Term of Contract**

##### **6.4.1. Period of the Contract**

The period of the Contract is from April 1, 2024 to March 31, 2025 inclusive.

##### **6.4.2. Option to Extend the Contract**

The Contractor grants to Canada the irrevocable option to extend the term of the Contract by up to four (4) additional one (1) year period being as follows: April 1, 2025 to March 31, 2026 inclusive, April 1, 2026 to March 31, 2027 inclusive, April 1, 2027 to March 31, 2028 inclusive, April 1, 2028 to March 31, 2029 inclusive under the same conditions. The Contractor agrees that, during the extended period of the Contract, it will be paid in accordance with the applicable provisions as set out in the Basis of Payment.

Canada may exercise this option at any time by sending a written notice to the Contractor before the expiry date of the Contract. The option may only be exercised by the Contracting Authority, and will be evidenced for administrative purposes only, through a contract amendment.

#### **6.5. Authorities**

##### **6.5.1. Contracting Authority**

The Contracting Authority for the Contract is:

Emilie Goulet  
Contracting Officer  
Parks Canada Agency  
Banff, AB

Telephone: 403-497-6534      E-mail address: [emilie.goulet@pc.gc.ca](mailto:emilie.goulet@pc.gc.ca)

The Contracting Authority is responsible for the management of the Contract and any changes to the Contract must be authorized in writing by the Contracting Authority. The Contractor must not perform work in excess of or outside the scope of the Contract based on verbal or written requests or instructions from anybody other than the Contracting Authority.

##### **6.5.2. Project Authority**

The Project Authority for the Contract is:

\*\*\* to be provided at contract award \*\*\*

The Project Authority is the representative of the department or agency for whom the Work is being carried out under the Contract and is responsible for all matters concerning the technical content of the Work under the Contract. Technical matters may be discussed with the Project Authority; however, the Project Authority has no authority to authorize changes to the scope of the Work. Changes to the scope of the Work can only be made through a contract amendment issued by the Contracting Authority.

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### 6.5.3. Contractor's Representative

The Contractor's Representative for the Contract is:

**\*\*TO BE COMPLETED BY THE BIDDER\*\***

<b>Representative's Name:</b>		
<b>Representative's Title:</b>		
<b>Legal Vendor/ Firm Name:</b>		
<b>Operating Vendor/ Firm Name</b> (if different than above):		
<b>Physical Address:</b>		
<b>City:</b>	<b>Province/ Territory:</b>	<b>Postal Code:</b>
<b>Telephone:</b>		<b>Facsimile:</b>
<b>Email Address:</b>		
<b>Procurement Business Number (PBN) or Goods and Services Tax (GST) Number:</b>		

### 6.6. Proactive Disclosure of Contracts with Former Public Servants

**\*\*\* SACC Manual clause A3025C to be inserted at contract award, if applicable \*\*\***

### 6.7. Payment

#### 6.7.1. Basis of Payment

The Contractor will be paid for its costs reasonably and properly incurred in the performance of the Work in accordance with the Basis of payment in Annex B, to a limitation of expenditure of \$ **\*\*to be inserted at contract award\*\***. Customs duties are included and Applicable Taxes are extra.

#### 6.7.2. Limitation of Expenditure

**6.7.2.1** Canada's total liability to the Contractor under the Contract must not exceed \$ **\*\*to be inserted at contract award\*\***. Customs duties are included and Applicable Taxes are extra.

**6.7.2.2** No increase in the total liability of Canada or in the price of the Work resulting from any design changes, modifications or interpretations of the Work, will be authorized or paid to the Contractor

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unless these design changes, modifications or interpretations have been approved, in writing, by the Contracting Authority before their incorporation into the Work. The Contractor must not perform any work or provide any service that would result in Canada's total liability being exceeded before obtaining the written approval of the Contracting Authority. The Contractor must notify the Contracting Authority in writing as to the adequacy of this sum:

- a. when it is 75 percent committed, or
- b. four (4) months before the contract expiry date, or
- c. as soon as the Contractor considers that the contract funds provided are inadequate for the completion of the Work,

whichever comes first.

**6.7.2.3** If the notification is for inadequate contract funds, the Contractor must provide to the Contracting Authority a written estimate for the additional funds required. Provision of such information by the Contractor does not increase Canada's liability.

### **6.7.3. Monthly Payment**

Canada will pay the Contractor on a monthly basis for work performed during the month covered by the invoice in accordance with the payment provisions of the Contract if:

- a. an accurate and complete invoice and any other documents required by the Contract have been submitted in accordance with the invoicing instructions provided in the Contract;
- b. all such documents have been verified by Canada;
- c. the Work performed has been accepted by Canada.

### **6.8. Invoicing Instructions**

**6.8.1** The Contractor must submit invoices in accordance with the section entitled "Invoice Submission" of the general conditions. Invoices cannot be submitted until all work identified in the invoice is completed.

Invoices must be distributed as follows:

- a. One (1) copy must be forwarded electronically to the Project Authority identified under the section entitled "Authorities" of the Contract for certification and payment.

### **6.9. Certifications and Additional Information**

#### **6.9.1. Compliance**

Unless specified otherwise, the continuous compliance with the certifications provided by the Contractor in its bid or precedent to contract award, and the ongoing cooperation in providing additional information are conditions of the Contract and failure to comply will constitute the Contractor in default. Certifications are subject to verification by Canada during the entire period of the Contract.

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## **6.9.2. Federal Contractors Program for Employment Equity – Default by the Contractor**

The Contractor understands and agrees that, when an Agreement to Implement Employment Equity (AIEE) exists between the Contractor and Employment and Social Development Canada (ESDC) – Labour, the AIEE must remain valid during the entire period of the Contract. If the AIEE becomes invalid, the name of the Contractor will be added to the "FCP Limited Eligibility to Bid" list. The imposition of such a sanction by ESDC will constitute the Contractor in default as per the terms of the Contract.

## **6.10. Applicable Laws**

The Contract must be interpreted and governed, and the relations between the parties determined, by the laws in force in Alberta.

## **6.11. Priority of Documents**

If there is a discrepancy between the wording of any documents that appear on the list, the wording of the document that first appears on the list has priority over the wording of any document that subsequently appears on the list.

- (a) The Articles of Agreement;
- (b) The general conditions [2010C](#) (2022-12-01), General Conditions – Services (Medium Complexity);
- (c) Annex A, Statement of Work;
- (d) Annex B, Basis of Payment;
- (e) Annex C, Insurance Requirements;
- (f) Annex D, Attestation and Proof of Compliance with Occupational Health and Safety (OHS);
- (g) The Contractor's bid dated \*\*\* [to be inserted at contract award](#) \*\*\*.

## **6.12. SACC Manual Clauses**

[A1009C](#) (2008-05-12) Work Site Access  
[A9068C](#) (2010-01-11) Government Site Regulations  
[B6802C](#) (2007-11-30) Government Property  
[B9028C](#) (2007-05-25) Access to Facilities and Equipment

## **6.13. Insurance Requirements**

The Contractor must comply with the insurance requirements specified in Annex C. The Contractor must maintain the required insurance coverage for the duration of the Contract. Compliance with the insurance requirements does not release the Contractor from or reduce its liability under the Contract.

The Contractor is responsible for deciding if additional insurance coverage is necessary to fulfill its obligation under the Contract and to ensure compliance with any applicable law. Any additional insurance coverage is at the Contractor's expense, and for its own benefit and protection.

The Contractor must forward to the Contracting Authority within ten (10) days after the date of award of the Contract, a Certificate of Insurance evidencing the insurance coverage and confirming that the insurance policy complying with the requirements is in force. For Canadian-based Contractors, coverage must be placed with an Insurer licensed to carry out business in Canada, however, for Foreign-based Contractors, coverage must be placed with an Insurer with an A.M. Best Rating no less than "A-". The Contractor must, if requested by the Contracting Authority, forward to Canada a certified true copy of all applicable insurance policies.



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**Amendment No.:**  
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**Contracting Authority:**  
Emilie Goulet

**Client Reference No.:**  
N/A

**Title:**  
Traffic Monitoring – Western Parks

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#### **6.14. Inspection and Acceptance**

The Project Authority is the Inspection Authority. All reports, deliverable items, documents, goods and all services rendered under the Contract are subject to inspection by the Inspection Authority or representative. Should any report, document, good or service not be in accordance with the requirements of the Statement of Work and to the satisfaction of the Inspection Authority, as submitted, the Inspection Authority will have the right to reject it or require its correction at the sole expense of the Contractor before recommending payment.

## ANNEX A

### STATEMENT OF WORK

#### 1 .0 SCOPE

A network of Automated Traffic Recorders (ATRs) is to be maintained on Parks Canada roads in Alberta and British Columbia through Jasper, Banff, Yoho, Kootenay, Waterton Lakes, Elk Island and Glacier National Parks. Traffic data will be collected and reports will be produced from the collected data. A list of ATRs and sites along Parks Canada roads is found in Appendix A.1.

#### 2 .0 PROGRAM AREAS

The following are the major areas of the traffic monitoring services contract:

ATR Site Maintenance, Repair, and Change Over

Data Retrieval

Data Processing and Reporting

Manual intersection count and reporting (on an as and when required basis)

Replacement of cellular 3G communications equipment with 4G capable equipment (on an as and when required basis)

Conversion of a physical download ATR site to cellular retrieval (on an as and when required basis)

Installation of New ATR sites (on an as and when required basis)

Loop Installation and Repair (on an as and when required basis)

Deactivation and Removal of ATRs (on an as and when required basis)

#### 3 .0 PROGRAM OBJECTIVES

##### 3.1 ATR Site Maintenance, Repair, and Change Over

3.1.1 Parks Canada exclusively uses Golden River 3031 volumetric counters, Golden River M660 classifiers and Golden River M680 classifiers. The contractor must have experience with the operation and maintenance of these specific ATRs.

3.1.2 ATR sites are administered by Parks Canada (PCA) or the Province of Alberta as indicated in Appendix A.1. All sites are within Parks Canada lands. Administration of ATRs includes regular maintenance of each ATR and repair of non-functioning ATRs.

3.1.3 ATRs administered by Parks Canada must be maintained so that traffic volumes are recorded continuously on an hourly basis by direction daily year in/year out. Maintenance includes routine site maintenance as described in section 4.1, repair and replacement of damaged equipment.

3.1.4 ATRs not administered by Parks Canada are maintained by others under contract with the Province of Alberta.

3.1.5 At the conclusion of the contract, the contractor must return to Parks Canada all ATRs listed in Appendix A.1 in an operational condition and all spare ATRs and ATR components listed in Appendix A.2 regardless of condition.

##### 3.2 Data Retrieval and Processing

3.2.1 The data from each ATR listed in Appendix A.1 must be physically or cellular downloaded by the contractor at an interval that satisfies the reporting frequency requirements indicated in section 4.4.2.

3.2.2 The production of traffic statistic reports for all ATR sites listed in Appendix A.1 must proceed under the reporting requirements listed in section 4.4.

### 3.3 Installation of New ATR Sites (on an as and when required basis)

Installation, operation, maintenance, and data retrieval of additional ATRs may be requested by Parks Canada under this contract.

- 3.3.1 A written request from the Parks Canada representative is required for the contractor to carry out this additional work.
- 3.3.2 The installation of ATR infrastructure at a new site or at a site where only some functioning infrastructure from a previous installation exists is considered additional work and is billable by the contractor as a new installation.
- 3.3.3 Operation, maintenance, data retrieval, and reporting activities will begin at the next scheduled site visit for data download.
- 3.3.4 Pricing for the operation, maintenance, data retrieval, and reporting activities must be consistent with the pricing for these activities performed at the other ATR sites administered by Parks Canada.
- 3.3.5 Refer to section 4.5 for program tasks related to installation of new ATR sites.

### 3.4 Loop Repair (on an as and when required basis)

The following objectives have been established for the installation and repair of magnetic induction loop sensors at the ATRs administered by Parks Canada.

- 3.4.1 Loop repair; to re-install or repair as quickly as possible any of the magnetic induction loop sensors or lead in wiring at any of the ATRs Administered by Parks Canada when they are damaged by road construction, man-made or natural causes.
- 3.4.2 Loop repair can only be carried out by the contractor if a written request is provided to the contractor from the Parks Canada representative.
- 3.4.5 Loop repair is considered additional work and is billable by the contractor at the price established in the Basis of Payment at Annex B.
- 3.4.6 Refer to section 4.6 for program tasks related to loop installation and repair.

### 3.5 Deactivation of ATRs (on an as and when required basis)

Deactivation of ATRs no longer required may be requested by Parks Canada under this contract. A written request from the Parks Canada representative is required for the contractor to carry this out.

- 3.5.1 Operation, maintenance, data retrieval, and reporting activities will cease at the next scheduled site visit for data download.
- 3.5.2 The cost for operation, maintenance, data retrieval, and reporting activities of deactivated ATRs must not continue past the time when the site visit to deactivate occurs.

## 4 .0 PROGRAM TASKS

### ATR sites

#### *General*

ATR sites are administered by Parks Canada or by the Province of Alberta as indicated in Appendix A.1. For all sites, electronics, magnetic induction loop sensors, cabinets, portable boxes, solar panels, posts, conduits, connectors, and wiring are the property of the agency responsible for the administration of the ATR at that site.

The contractor must physically or cellular download the data from each ATR at an interval that satisfies the reporting frequency requirements specified in section 4.4.2.

At the conclusion of the contract, the contractor must return to Parks Canada all ATRs listed in Appendix A.1 in a fully operational condition and all spare ATRs and ATR components listed in Appendix A.2 regardless of condition.

#### 4.1 ATR Site Maintenance, Repair, and Change Out

- 4.1.1 The contractor must maintain an inventory of installed ATR locations and equipment including serial numbers and provide it to Parks Canada upon request in a mutually agreed upon electronic format.
- 4.1.2 The contractor is responsible for all the maintenance, repair and change out of equipment at the Parks Canada ATRs.
- 4.1.3 The contractor must conduct inspections, maintenance and reasonable repairs or replacement of the ATR sites using an experienced Electronics Technologist or Technician.
- 4.1.4 All required repairs must be performed at the time of the site inspection. Any ATR not repairable on-site must be replaced with a spare ATR to minimize site downtime. All required repairs must be completed by an experienced Electronics Technician.
- 4.1.5 Priority ATR locations should be repaired or replacement arranged within three business days of identification of issue.
- 4.1.6 ATR maintenance must consist of the following activities:
  - Clean cabinet
  - Clean solar panel glass
  - Grease hinges and locks
  - Check wiring
  - Check for loosescrews
  - Snow and ice removal from the site surroundings
- 4.1.7 For all ATR repair and change out, the contractor must indicate the following on a "Site Service Form" approved by Parks Canada:
  - Name and qualification of person(s) performing the work
  - ATR Number and Site Description
  - National Park & Highway

- Description of maintenance and repair done
- Serial #'s of removed equipment
- Reason for equipment removal
- Serial #'s of installed equipment
- Indicate Loop Repair work required
- Indicate work to be performed at a later date

Completed "Site Service Forms" must be submitted to Parks Canada in a mutually agreed electronic format within one month of the work being done

4.1.8 During the contract period the contractor must replace the following equipment at the contractor's own cost:

- Internal parts for volumetric counters / classifiers and wireless communications
- 12 Volt Batteries
- Solar Panels & regulators

4.1.9 Amendments will be issued for replacement and reinstallation of damaged or destroyed inroad sensors, wiring, cabinets, or posts, due to age or deterioration of roadway surface, construction, or collision and will be paid for by Parks Canada.

#### 4.2 Spare ATRs

4.2.1 The contractor must maintain an inventory of spare ATR equipment including serial numbers and provide it to Parks Canada upon request in a mutually agreed upon electronic format.

4.2.2 In order to facilitate rapid correction of problems with faulty ATRs and other hardware which cannot be fixed on site, spare Golden River 3031, Golden River M660 and optionally Golden River M680 ATRs will be provided by Parks Canada. At the conclusion of the contract, the contractor must return to Parks Canada these spare units in addition to the Parks Canada ATRs operating in the field.

4.2.3 At the end of the contract, all repairable equipment must be returned to its original operational specifications, all salvageable equipment will be returned to Parks Canada and all non-repairable equipment must be returned to Parks Canada.

4.2.4 The contractor must own and be able to provide all the schematics and repair manuals for repairing Parks Canada ATR equipment.

4.2.5 If damage occurs to an ATR, housing, or wiring, Parks Canada reserves the option of replacing equipment deemed non-repairable at Parks Canada cost. Equipment must be replaced with the exact same equipment or Parks Canada approved equipment.

4.2.6 The contractor is responsible for purchasing additional equipment to increase the spare ATR float throughout the contract as necessary. This additional equipment becomes the property of PCA and must be returned to PCA at the end of the contract. If the contractor determines that more ATRs are required than the specified Firm Year quantities in the Basis of Payment, the Parks Canada representative is required to approve the change to the quantity to increase the

spare float for this contract.

#### 4.3 Data Retrieval

The contractor will physically download the data from each ATR at an interval that satisfies the reporting frequency requirements specified in section 4.4.2.

- 4.3.1 All ATRs must be configured to record traffic in both directions and store the directional traffic for 60 minute intervals. Some classifiers must be configured to record vehicle speed, length, and time gap between vehicles.
- 4.3.2 The contractor must use Golden River/Clearview Intelligence approved loop sensor communications cables with all the installed equipment.
- 4.3.3 The contractor must ensure that the counters use the Golden River/Clearview Intelligence Programming Language.
- 4.3.4 The contractor must provide their own personal computer to retrieve the data from the ATRs.
- 4.3.5 Data retrieval from ATRs at sites that are not enabled for cellular retrieval must be performed every second month within 10 calendar days of the beginning of that month. The bi-monthly retrievals must be done at the beginning of April, June, August, October, December, and February.
- 4.3.6 The contractor must provide the data collected from sites that are not enabled for cellular retrieval on an approved electronic storage medium to Parks Canada within one month of the data retrieval date, along with a detailed invoice indicating the following:
  - Site Retrieved
  - Date
  - Hours of Data Retrieved
- 4.3.7 Data retrieval from ATRs at specified sites that are enabled for cellular retrieval must be performed hourly as specified in Appendix A.1.
- 4.3.8 The contractor must provide the data collected from specified priority hourly sites that are enabled for cellular retrieval within 5 minutes of the end of the previous one-hour collection period. For regular hourly sites that are enabled for cellular retrieval data must be provided within 30 minutes of the end of the previous one-hour collection period.
- 4.3.9 Data retrieval from priority ATRs at specified sites that are enabled for cellular retrieval must be performed monthly as specified in Appendix A.1.

#### 4.4 Data Processing and Report Specifications

- 4.4.1 The collection of data and subsequent production of traffic statistic reports is required for the duration of the contract.
- 4.4.2 Monthly / Annual Reports
  - 4.4.2.1 The contractor must e-mail bi-monthly / annual reports to the recipients on a mailing list provided by Parks Canada. The reports will be delivered every two months. (April, June, August, October, December, and February)

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**Title:**  
Traffic Monitoring – Western Parks

4.4.2.2 The contactor must e-mail monthly priority ATR reports to the recipients on a mailing list provided by Parks Canada. The reports must be delivered every month by 8:00 a.m. Mountain time zone on the second business day of each month. This service includes validating the ATR data for possible discrepancies. Estimated Monthly Average Daily Traffic Calculation (MADT) report must be delivered by 3:00 p.m. Mountain time zone on the second business day of the month if an ATR location is not accessible by 8:00 a.m. Mountain time zone on the second business day of the month. An updated report must be provided if any data is recovered at a later date.

4.4.2.3 A dynamic online map must be provided with clickable geo-located ATR sites that provide a list of current and historical individual monthly as well as annual reports in an intuitive interface that 75% of end users can use without training. If end user training is required, the contractor is required to provide thorough documentation on the usage of the online map. The hourly, monthly and classifier ATR sites must be identified on the map using separate icons which allows for differentiation from the other ATR sites.

4.4.3 Annual and monthly reports must be provided in Microsoft Excel 2013 through 2016 XML format with file structure and naming to follow the example the file structure and file naming convention below:

10400100 – ATR Site #

```
|
|-2020
  |-2020_01_Class.xlsx      (January Monthly Class)
  |-2020_01_Gap.xlsx       (January Monthly Gap)
  |-2020_01_Length.xlsx   (January Monthly Length)
  |-2020_01_Speed.xlsx    (January Monthly Speed)
  |-2020_01.xlsx          (January Monthly)
  .
  .
  .
  |-2020_12_Class.xlsx     (December Monthly Class)
  |-2020_12_Gap.xlsx      (December Monthly Gap)
  |-2020_12_Length.xlsx  (December Monthly Length)
  |-2020_12_Speed.xlsx   (December Monthly Speed)
  |-2020_12.xlsx         (December Monthly)
  |-2020_Annual.xlsx
  |-2020_Annual_Class_1.xlsx
  |-2020_Annual_Gap_1.xlsx
  |-2020_Annual_Length_1.xlsx
  |-2020_Annual_Speed_1.xlsx
```

4.4.4 Hourly reports shall be provided following the below format for two-way, as well as each direction:

		Monthly Traffic Analysis Report																								
Date	Day of Week	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Daily Total
1	Sunday	3	3	3	1	1	3	6	14	41	72	34	118	145	138	132	141	155	145	32	71	18	13	3	3	1386
2	Monday	1	1	0	0	1	2	18	24	55	63	81	33	100	83	102	103	115	83	65	48	28	6	6	1058	
3	Tuesday	1	2	0	0	0	1	22	22	46	88	76	74	58	76	37	88	125	85	47	58	27	0	3	1028	
4	Wednesday	1	0	0	0	1	1	16	34	52	74	78	67	75	87	73	77	105	79	57	41	22	0	6	371	
5	Thursday	1	1	1	0	0	3	12	48	45	73	53	77	68	74	81	86	31	38	63	37	21	15	3	351	
6	Friday	1	1	0	0	0	2	12	43	52	72	76	82	111	33	107	138	132	127	112	81	34	23	10	1321	
7	Saturday	5	0	1	0	0	1	2	31	54	104	94	248	342	245	235	238	318	291	224	148	48	13	4	3573	
8	Sunday	2	1	1	0	1	1	6	23	51	81	219	238	265	307	264	304	282	279	255	187	56	28	15	2851	
9	Monday	1	5	0	0	0	0	24	63	36	158	263	241	265	308	273	231	243	164	181	23	5	3	2548		
10	Tuesday	3	2	0	0	0	2	16	33	45	54	53	71	73	64	78	75	106	88	48	23	14	0	3	871	
11	Wednesday	0	0	0	0	0	0	15	45	42	31	43	54	58	46	64	64	115	48	38	24	3	12	632		
12	Thursday	1	2	1	0	0	3	16	33	23	32	28	33	33	37	51	51	75	46	25	14	6	4	552		
13	Friday	1	0	0	0	0	1	18	24	27	35	43	44	81	58	57	68	86	57	48	38	7	3	781		
14	Saturday	2	0	0	0	1	1	0	3	35	43	63	111	119	84	137	138	157	113	78	56	16	0	1184		
15	Sunday	1	2	0	2	0	1	3	14	36	54	93	35	106	128	142	154	134	182	83	35	14	0	1161		
16	Monday	2	0	0	1	0	3	18	34	23	32	43	84	57	63	78	74	33	43	22	13	5	3	714		
17	Tuesday	0	0	0	0	0	5	16	23	32	33	37	58	48	28	58	43	73	42	18	12	5	2	543		
18	Wednesday	0	0	0	0	0	2	14	37	25	35	34	33	23	47	37	47	53	42	35	15	6	3	512		
19	Thursday	0	0	0	0	2	0	1	14	26	34	47	84	64	67	73	72	85	106	64	52	44	3	866		
20	Friday	1	1	0	0	0	5	14	34	27	71	74	113	107	116	122	128	181	55	38	13	16	1086			
21	Saturday	7	2	0	0	0	1	2	4	15	46	44	33	33	45	46	42	43	48	14	14	3	4	455		
22	Sunday	1	0	2	0	0	2	11	38	45	23	27	37	35	22	33	45	57	23	28	18	6	0	458		
23	Monday	0	0	2	0	1	3	11	28	23	18	25	16	14	13	27	24	38	21	15	7	7	233			
24	Tuesday	0	0	0	0	0	4	7	25	25	17	16	38	16	24	34	14	45	23	0	6	5	382			
25	Wednesday	0	0	1	0	0	5	7	24	26	23	14	23	21	32	37	23	51	27	16	18	1	351			
26	Thursday	0	0	0	0	0	3	6	18	27	24	26	16													
27	Friday	0	0	0	0	0	3	6	18	27	24	26	16													
28	Saturday																									
29	Sunday																									
30	Monday																									
31	Tuesday																									

4.4.5 Missing data

The contractor must present to Parks Canada the bi-monthly data in an acceptable format highlighting the “missing or corrupted” hours of data from the individual ATRs. Parks Canada expects a maximum of 5% of “missing or corrupted” hours of data for all sites combined over the duration of the contract. If there is more than the allowed 5% hours of data “missing or corrupted”, payment for work completed under this task will be prorated based on the number of acceptable hours of data retrieved from the total potential number of operating hours. For example, if in total all sites have 5% or fewer hours of “missing or corrupted” data, payment will be for 100% of the bid price. However, if the ATR network has 10% cumulative hours of “missing or corrupted” data, payment will be reduced by a percentage equal to the percentage of cumulative hours of “missing or corrupted” data to a maximum of 90% of the invoiced cost of the data retrieval, reporting, and maintenance portion of this contract.

4.4.5.1 The failure of an ATR or its components will result in missing data. Unless otherwise specified, missing or erroneous daily data must be represented as blanks. Where data is missing, the monthly volume total and MADT will be estimated.



4.4.5.2 There must be at least one complete week of data in a month in order for estimates to be calculated. For each ATR site where estimates are calculated, a monthly diagnostic report will be provided that will indicate the hours and percentage of good data for that reporting period.

4.4.5.3 Additionally a monthly diagnostic report will be provided indicating the number of hours and percentage of good data for each ATR site.

#### 4.4.6 Monthly Volumetric ATR Reports

4.4.6.1 Each monthly report must be summarized into total two-way and directional traffic. Monthly reports must report hourly volumes, daily volume totals, monthly volume total and MADT (Monthly Average Daily Traffic) for directional and total two-way traffic.

#### 4.4.7 Annual Volumetric ATR Reports

4.4.7.1 Volumetric Counters Annual Reports: An annual report must be produced for the end of each year in this contract. The annual report must show for each direction and total two-way traffic the following:

- MADT's for each month
- Monthly traffic volumes
- Average Annual Daily Traffic (AADT)
- Average Summer Daily Traffic (ASDT) (June 25 through September 7)
- Average Winter Daily Traffic (AWDT) (December through March)
- Total annual daily traffic volumes

Note: Where there is only total two-way traffic, only total two-way reports and data will be provided. Missing MADT's and monthly volumes must be estimated if at least one month of valid data is available.

#### 4.4.8 Monthly Classifier (Speed and Class) ATR Reports

4.4.8.1 Each monthly report must be summarized into total two-way and directional traffic. Monthly reports must report hourly volumes, daily volume totals, monthly volume total and MADT (Monthly Average Daily Traffic) for directional and total two-way traffic.

4.4.8.2 Monthly Speed Report: The monthly speed report must report for each direction and two-way, hourly Average Speed, Standard Deviation and 85th percentile for the daily periods of 24Hrs, Day and Night. Monthly averages for the same must be included. Missing data must be represented as blanks.

4.4.8.3 Monthly Length Report: The monthly length report must report hourly total volume, volume and volume percentages for each direction and two-way, for collected length bin data for the periods of 24Hrs, Day and Night. Monthly averages for the same must be included. The current length categories are as follows:

Bin	Length Bin Criteria	
1	>= 0 cm	<= 600 cm
2	>= 601 cm	<= 1700 cm
3	>= 1701 cm	<= 3500 cm

4	> 3500 cm	
---	-----------	--

4.4.8.4 Monthly Gap Report: The monthly gap report must report hourly total volume, volume and volume percentages for each direction and two-way, for collected gap bin data. Monthly averages for the same must be included. The current gap categories for all sites except the Upper Norquay Road ATR site 11300030 are as follows:

Bin	Gap Bin Criteria	
1	0 sec.	<= 1 sec.
2	> 1 sec.	<= 3 sec.
3	> 3 sec.	<= 5 sec.
4	> 5 sec.	<=10 sec.
5	> 10 sec.	<= 20 sec.
6	> 20 sec.	<= 30 sec.
7	> 30 sec.	

The gap categories for the Upper Norquay Road ATR site 11300030 are as follows:

Bin	Gap Bin Criteria	
1	0 sec.	<= 6 sec.
2	> 6 sec.	<= 30 sec.
3	> 30 sec.	<= 120 sec.
4	> 120 sec.	<= 240 sec.
5	> 240 sec.	<= 480 sec.
6	> 480 sec.	<= 990 sec.
7	> 990 sec.	

4.4.8.5 Monthly Classification Report: The monthly classification report must report hourly total volume, volume and volume percentages for each direction and two way, for collected length bin data for the periods of 24Hrs, Day and Night. Monthly averages for the same must be included. Monthly classification reports must be produced using turning movement calibration data, if one is not available notify Parks Canada immediately so appropriate data collection can be scheduled. The classification types to be included in this report are: PV, RV, Bus, Trucks (SU and TTC) and Other (if warranted).

#### 4.4.9 Annual Classifier (Speed and Class) ATR Reports

4.4.9.1 Annual Speed Report: The annual speed report must report for each direction and two-way, monthly Average Speed, Standard Deviation and 85th percentile for the daily periods of 24Hrs, Day and Night. Annual averages for the same must be included.

4.4.9.2 Annual Length Report: The annual length report must report monthly total volume, volume and volume percentages for each direction and two-way, for collected length bin data for the periods of 24Hrs, Day and Night. Annual totals for the same must be included. The current length categories are as follows:

Bin	Length Bin Criteria	
1	>= 0 cm	<= 600 cm
2	>= 601 cm	<= 1700 cm
3	>= 1701 cm	<= 3500 cm
4	> 3500 cm	

4.4.9.3 Annual Gap Report: The annual gap report must report monthly total volume, volume and volume percentages for each direction and two-way, for collected gap bin data. Annual totals for the same must be included. The current gap categories for all sites except the Upper Norquay Road ATR site 11300030 are as follows:

Bin	Gap Bin Criteria	
1	0 sec.	<= 1 sec.
2	> 1 sec.	<= 3 sec.
3	> 3 sec.	<= 5 sec.
4	> 5 sec.	<=10 sec.
5	> 10 sec.	<= 20 sec.
6	> 20 sec.	<= 30 sec.
7	> 30 sec.	

The gap categories for the Upper Norquay Road ATR site 11300030 are as follows:

Bin	Gap Bin Criteria	
1	0 sec.	<= 6 sec.
2	> 6 sec.	<= 30 sec.
3	> 30 sec.	<= 120 sec.
4	> 120 sec.	<= 240 sec.
5	> 240 sec.	<= 480 sec.
6	> 480 sec.	<= 990 sec.
7	> 990 sec.	

4.4.9.4 Annual Classification Report: The annual classification report must report monthly total volume, volume and volume percentages for each direction and two-way, for collected gap bin data for the periods of 24Hrs, Day and Night. Annual totals for the same must be included. Annual classification reports will only be produced if current turning movement calibration data is available. The classification types to be included in this report are: PV, RV, Bus, Trucks (SU and TTC) and Other (if warranted).

#### 4.4.10 Hourly Volumetric ATR Reports from Cellular Sites

4.4.10.1 Each report must be arranged the same as a Monthly Volumetric ATR report summarized into total two-way and directional traffic. Monthly reports must report hourly volumes, daily volume totals, monthly volume total and MADT (Monthly Average Daily Traffic) for directional and total two-way traffic. The report data must fill in hourly as data becomes available through the cellular network and no longer than as specified in 4.3.8.

4.4.10.2 A dynamic online map must be provided with clickable geo-located ATR sites that provide a list of individual hourly and historical hourly reports in an intuitive interface that 75% of end users can use without training. The hourly ATR sites must be identified on the map using an icon which differentiates it from other ATR sites.

#### 4.4.11 Hourly Notification Emails of Threshold Volume Exceeded from Cellular Sites

4.4.11.1 Directional threshold for each hourly cellular ATR site must be configurable. For each ATR site, when a threshold has been exceeded, an email must be sent to a notification list maintained by the contractor.

4.4.11.2 Thresholds must be set as follows:

ATR ID	Eastbound/Southbound threshold volume (uphill)	Westbound/Northbound threshold volume (downhill)
11800002	175	1000
11800201	475	1000
11800302	400	1000
12000101	TBD	TBD
20100201	TBD	TBD
20102001	TBD	TBD
20300001	TBD	TBD
70800102		100
70800102		150

4.4.11.3 There may be times when an hourly cellular ATR site cannot be contacted due to cellular issues beyond the contractor's control. If a site is not accessible, a connection must be re-tried within an hour for non-priority sites or half an hour at priority sites. If the attempt to retry connecting is not successful, an email must be sent to the notification list after the second unsuccessful connection attempt. The email must indicate which ATR Site has gone offline.

4.4.11.4 When a connection to a site that was previously offline has been reestablished, an email must be sent to the notification list containing information that no data was lost, or a summary indicating the period(s) of time for which data could not be recovered.

4.4.12 Hourly Notification Email of Cumulative Volumes in Elk Island from Cellular Sites

4.4.12.1 Counters used to determine cumulative volumes are:

ATR ID
20100201
20102001
20300001

4.4.12.2 Hourly from Friday at 6am MST to Monday at 8pm MST the contractor shall calculate the estimated number of vehicles in Elk Island National Park and an email must be sent to a notification list maintained by the contractor

4.4.12.3 There may be times when the cellular ATR sites cannot be contacted due to cellular issues beyond the contractor's control. If a site is not accessible, a connection must be re-tried within an hour. If the attempt to retry connecting is not successful, an email must be sent to the notification list after the second unsuccessful connection attempt. The email must indicate which ATR Site has gone offline.

4.4.12.4 When a connection to a site that was previously offline has been reestablished, an email must be sent to the notification list containing information that no data was lost, or a summary indicating the period(s) of time for which data could not be recovered.

4.4.13 Monthly Priority Volumetric ATR Reports from Cellular Sites

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4.4.13.1 Each report must be arranged the same as a Monthly Volumetric ATR report summarized into total two-way and directional traffic. Monthly reports must report hourly volumes, daily volume totals, monthly volume total and MADT (Monthly Average Daily Traffic) for directional and total two-way traffic.

4.4.13.2 Estimated Monthly Average Daily Traffic Calculation (MADT) report must be delivered by 3:00 p.m. Mountain time zone on the second business day of the month if an ATR location is not accessible by 8:00 a.m. Mountain time zone on the second business day of the month. An updated report must be provided if any data is recovered at a later date.

#### 4.5 Installation of New or Upgrades to existing ATR Sites

4.5.1 Installation, operation, maintenance, data retrieval, and replacement of additional ATRs may be added to this contract. Parks Canada will inform the contractor of the additional site requirements if any. The contractor must retrieve data and maintain new sites as described in section 4.0.

4.5.2 New Classifier and Volumetric sites require installation of in-road loop sensors and site infrastructure: cabinet, post, solar panel, wiring, battery and regulator.

4.5.3 Volumetric site installation costs do not include the cost of the Golden River 3031 volumetric counter hardware. The spare supply of Golden River 3031 hardware is sufficient to supply any new volumetric site installations.

4.5.4 Classifier site installation costs do not include the cost of purchasing new Clearview Intelligence M680 classifier hardware. Classifier hardware is to be priced as a separate unit price item.

4.5.5 Existing ATR sites which require physical retrieval may be requested to be upgraded to allow for installation of hardware and/or software to allow for cellular retrieval. The unit price for upgrade of a ATR site to allow for cellular retrieval shall include all necessary time and material to allow successfully cellular 4G retrieval on an on-going basis.

4.5.6 Some existing ATR sites currently operating using cellular retrieval may require hardware and/or software replacement to allow for continued cellular retrieval due to the deactivation of 3G cellular communications in Canada. The unit price for upgrade of a ATR site to allow for cellular retrieval via 4G communications protocol shall include all necessary time and material to successfully enable cellular retrieval on an on-going basis. This should also include removal and recycling costs associated with disposal of the 3G equipment being replaced.

#### 4.6 Loop Installation and Repair

4.6.1 The contractor must immediately report any loop failures to Parks Canada. The loop must be repaired, re-installed or the ATR moved to another site selected by Parks Canada after written approval to proceed with the work request has been received by the contractor from Parks Canada.

4.6.2 Loops must be installed and repaired as per ITE guidelines.

4.6.3 The contractor must provide Parks Canada with a schedule to undertake the work within two weeks of receiving a list of installation sites.

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- 4.6.4 Loop installation and repair can only occur during daylight hours (1/2 hour after sunrise to 1/2 hour before sunset) and during months where the mean temperature is + 5 °C. The driving surface must be in good dry driving condition.
- 4.6.5 The contractor must comply with the National Parks Act and obtain Parks Canada construction permits to perform the required work.
- 4.6.6 The contractor must comply with all federal and provincial safety standards while working within the highway right of way.
- 4.6.7 The contractor, while working within the highway right of way must ensure that the traffic control used, along with the apparel worn conform to OH&S, Parks Canada Standards, and any other applicable statutes. Traffic control must be supplied by the contractor at their cost.
- 4.6.8 The contractor must notify the local Parks Canada Highways Manager and the local Environmental Assessment Specialist one week prior to the commencement of work at each installation.
- 4.6.9 The contractor must undertake inductance testing of any loop installed at the time of installation.
- 4.6.10 The contractor must complete a “Work Performed Report” pre-approved by Parks Canada.
- 4.7 Manual Intersection Count and Reporting
- 4.7.1 Collect and record 12-hours of detailed traffic data including turning movements and vehicle classification on a day and time of year approved by Parks Canada as suitable.
- 4.7.2 Reporting shall be in a format acceptable to the department and include adjusted/factored count information which at a minimum will include vehicle volumes (AADT,ASDT & DHV), direction, & classification. Speed and vehicle occupancy are not required.
- 4.7.3 Where applicable counting and reporting will be completed sufficiently to allow for calibration of ATR sites capable of vehicle classification.
- 4.7.4 Costs bid per count should be all inclusive including but not limited to all necessary travel, disbursements, processing and reporting costs. All counts locations will be within the national parks specified as included in the scope of the contract stipulated in section 1.0.
- 4.7.5 Reporting will be submitted to Parks Canada no later than three weeks after the date of collection/recording.
- 5 .0 GENERAL INFORMATION**
- 5.1 The contractor must not carry out any additional work under the contract without the prior written authorization from the Parks Canada contracting authority.
- 5.2 Parks Canada retains ownership of all equipment and both raw and processed data. No copies are to be made by the contractor for their or anyone else's use.
- 5.3 The contractor is responsible for all labour, supplies and equipment required to carryout the necessary work.

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- 5.4 The contractor must not use the Parks Canada logo on any of the statistical forms.
- 5.5 All records of field work are to be returned to Parks Canada.
- 5.6 All reports provided to Parks Canada must be in a predetermined electronic format on the following mediums:
- Format: Microsoft Excel 2013 through 2016 Open XML format with multiple reports from each reporting period compressed in a single zip file
  - Medium: email and a dynamic online map with clickable geo-located ATR sites that provide a list of all current and historical individual reports.
- 5.7 The contractor must abide by National Parks Act, and all Federal and Provincial legislation, Statutes, Regulations, etc.

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## Appendix A.1. Automated Traffic Recorder Sites

ATR ID	HWY OR TOWN	SITE LOCATION DESCRIPTION	SITE TYPE	MAINTAINED BY	CELLULAR RETRIEVAL
10100300	1	2.5KM E OF MINNEWANKA	CLASSIFIER	PCA	
10100500	1	0.7 KM E OF NORQUAY	VOLUMETRIC	PCA	
10107211	1	TCH WB & WB RAMP LK. LOUISE INTERCH.	VOLUMETRIC	PCA	
10107251	1	TCH EB & EB RAMP LK. LOUISE INTERCH.	VOLUMETRIC	PCA	
10107300	1	0.7 KM W 1 & LAKE LOUISE DR	CLASSIFIER	PCA	
10200401	93N	4.3 KM N OF 1 & 93 LAKE LOUISE	CLASSIFIER	PCA	
10201501	93N	2.0 KM N HWY 93 & BOW LAKE RD	CLASSIFIER	PCA	
10212101	93N	0.3 KM S OF BANFF - JASPER BORDER	VOLUMETRIC	PCA	
10300701	93S	6.1 KM S OF 1 & 93 LAKE LOUISE	CLASSIFIER	PCA	
10400100	1A	0.6 KM W OF 1 & BOW VAL PARKWAY (COLLECTS TIMESTAMP DATA)	CLASSIFIER	PCA	
10400600	1A	4.1 KM E OF JOHNSON CANYON CAMPGROUND	VOLUMETRIC	PCA	
10404701	1A	1.6 KM E OF WHITEHORN RD & BOW VAL PARKWAY	VOLUMETRIC	PCA	
11000071	Banff	0.4 KM N 1 & MINNEWANKA RD	VOLUMETRIC	PCA	
11100002	Lake Louise	2.1 KM E LAKE LOUISE DR & MORAINES LAKE RD	CLASSIFIER	PCA	YES <sup>2</sup>
11300010	Banff	0.3 KM N 1 & MT NORQUAY SCENIC DR	VOLUMETRIC	PCA	
11300030	Banff	0.3 KM S OF MT NORQUAY SKI AREA PARKING LOT	CLASSIFIER	PCA	YES <sup>2</sup>
11700002	Banff	SUNSHINE RD	VOLUMETRIC	PCA	
11700010	Banff	GOLF COURSE RD	CLASSIFIER	PCA	
11800100	Lake Louise	0.1 KM S 1 & LAKE LOUISE DR	VOLUMETRIC	PCA	
11800201	Lake Louise	2.2 KM S 1 & LAKE LOUISE DR	VOLUMETRIC	PCA	YES <sup>2</sup>
11800302	Lake Louise	3.6 KM S 1 & LAKE LOUISE DR	CLASSIFIER	PCA	YES <sup>2</sup>
12000101	Lake Louise	1.2 KM N BOW VAL PARKWAY & WHITEHORN ROAD	VOLUMETRIC	PCA	YES <sup>2</sup>
14000101	Banff	1.2 KM S MOUNTAIN AVE & UPPER HOT SPRINGS RD	VOLUMETRIC	PCA	
20100201	Elk Island	1.7 KM N OF 16 & PARKWAY (SOUTH GATE)	VOLUMETRIC	PCA	YES <sup>1,2</sup>
20102001	Elk Island	0.1 KM N OF PARK BOUNDARY (NORTH GATE)	VOLUMETRIC	PCA	YES <sup>1,2</sup>
20300001	Elk Island	4.4 KM W OF PARKWAY (WEST GATE)	VOLUMETRIC	PCA	YES <sup>1,2</sup>
30103509	16	14.0 KM E OF 16 & E JASPER TOWNSITE	CLASSIFIER	PCA	
30107201	16	19.1 KM W OF 16 & 93 W JASPER TOWNSITE	VOLUMETRIC	PCA	YES <sup>1</sup>
30215001	93N	5.4 KM S 16 & 93 JASPER	CLASSIFIER	PCA	
30216001	93N	1.1 KM S JONAS CREEK CAMPGROUND	VOLUMETRIC	PCA	
30700001	Maligne Lake Rd	0.43 KM S of HWY 16 & Maligne Lake Rd	VOLUMETRIC	PCA	YES
30700809	Maligne Lake Rd	8.2 KM S of HWY 16 & Maligne Lake Rd	VOLUMETRIC	PCA	YES
30900000	MT. EDITH CAVELL ROAD	0.2 KM W HWY of 93N & Edith Cavell Rd	VOLUMETRIC	PCA	YES
40309000	93S	3.0 KM N OF SETTLERS RD	VOLUMETRIC	PCA	
40310601	93S	0.3 KM S OF KOOTENAY PARK GATES	VOLUMETRIC	PCA	YES <sup>1</sup>
50010040	1	1.4 KM W OF 1 & 93 CASTLE JUNCTION	CLASSIFIER	PCA	
50010050	1	1.6 KM W OF BANFF PARK GATES	VOLUMETRIC	PCA	YES <sup>1</sup>
50010080	1	0.6 KM E OF FIELD	CLASSIFIER	PCA	
50010090	1	0.25 KM W OF FIELD ENTRANCE	VOLUMETRIC	PCA	YES <sup>1</sup>
50010450	1	1.2 KM E OF CASTLE JCT	CLASSIFIER	PCA	
50100301	1	3.0 KM W OF 1 & GLACIER PARK BOUNDARY	VOLUMETRIC	PCA	
50102407	1	0.7 KM W OF 1 & ROGERS PASS CENTRE	CLASSIFIER	PCA	YES <sup>1</sup>



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50110250	11	2.3 KM E OF BANFF PARK GATES	VOLUMETRIC	PCA	YES <sup>1</sup>
50160210	16	EAST JASPER PARK GATES	VOLUMETRIC	Alberta	YES <sup>1</sup>
70300800 70300800	Red Rock Parkway	7.0 KM W OF 5 & RED ROCK PARKWAY	VOLUMETRIC	PCA	YES <sup>2</sup>
70400100	Akamina Parkway	0.9 KM W OF 5 & AKAMINA PARKWAY	VOLUMETRIC	PCA	YES <sup>2</sup>
70800102	5	0.7km S of HWY 5 & 6 at Gate	VOLUMETRIC	PCA	YES <sup>1,2</sup>
80108501	1	ALTA-BC BORDER	VOLUMETRIC	PCA	

<sup>1</sup>Priority report sites

<sup>2</sup>Hourly cellular retrieval sites

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## Appendix A.2. Spare Automated Traffic Recorders

### Golden River 3031 Volumetric Counters

SERIAL #	MODEL #	STATUS
4054	GR3031	<b>SPARE</b>
4057	GR3031	<b>SPARE</b>
4058	GR3031	<b>SPARE</b>
4059	GR3031	<b>SPARE</b>
4062	GR3031	<b>SPARE</b>
4065	GR3031	<b>SPARE</b>
4067	GR3031	<b>SPARE</b>
4068	GR3031	<b>SPARE</b>
4073	GR3031	<b>SPARE</b>
4075	GR3031	<b>SPARE</b>
4076	GR3031	<b>SPARE</b>
4078	GR3031	<b>SPARE</b>
5384	GR3031	<b>SPARE</b>
5386	GR3031	<b>SPARE</b>
5388	GR3031	<b>SPARE</b>
5405	GR3031	<b>SPARE</b>
5415	GR3031	<b>SPARE</b>

### Golden River M660 Classifiers

SERIAL #	MODEL #	STATUS
155768	GR M660	<b>SPARE</b>
155771	GR M660	<b>SPARE</b>
162209	GR M660	<b>SPARE</b>
600002	GR M660	<b>SPARE</b>
600068	GR M660	<b>SPARE</b>
705602	GR M660	<b>SPARE</b>
707173	GR M660	<b>SPARE</b>
706340	GR M660	<b>SPARE</b>

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## ANNEX B

### BASIS OF PAYMENT

#### Financial Bid Submission Requirements

- (a) The Bidder must submit their financial bid in accordance with the Basis of Payment.
- (b) All prices are in Canadian dollars, FOB destination
- (c) Customs duties are included and Applicable Taxes are extra.
- (d) Total Combined Evaluated Estimated Bid Price Calculation:

For the purposes of evaluation, the evaluated bid price will be comprised of the combined total of Table F, Table L, Table R, Table X and Table DD..

### 1. Contract – April 01, 2024 to March 31, 2025 inclusive

#### 1.1 Firm Unit Price(s) for Required Services – Physical Data Retrieval and Maintenance

In consideration of the Contractor completing all of its obligations under the Contract, the Contractor will be paid firm unit price(s) in Canadian funds for all costs, including but not limited to all professional, technical, and administrative fees and costs as required to fulfill the requirements of *Annex A – Statement of Work* as defined.

Charges related to travelling to, operating, and data retrieval from the ATRs must be included in the price per site visit. Do not include charges related to cellular data plans, cellular data retrieval, hourly reporting or email alerts.

Item No.	ATR ID	Site Location Description	Park	Site Visits (SV)	Price Per Site Visit (PPSV)	Extended Total(s) (SV x PPSV)
1.1.1	10100300	2.5KM E OF MINNEWANKA	BNP	6	\$	\$
1.1.2	10100500	0.7 KM E OF NORQUA	BNP	6	\$	\$
1.1.3	10107211	TCH WB & WB RAMP LK. LOUISE INTERCH.	BNP	6	\$	\$
1.1.4	10107251	TCH EB & EB RAMP LK. LOUISE INTERCH.	BNP	6	\$	\$
1.1.5	10107300	0.7 KM W 1 & LAKE LOUISE DR	BNP	6	\$	\$
1.1.6	10200401	4.3 KM N OF 1 & 93 LAKE LOUISE	BNP	6	\$	\$
1.1.7	10201501	2.0 KM N HWY 93 & BOW LAKE RD	BNP	6	\$	\$
1.1.8	10212101	0.3 KM S OF BANFF - JASPER BORDER	BNP	6	\$	\$
1.1.9	10300701	6.1 KM S OF 1 & 93 LAKE LOUISE	BNP	6	\$	\$
1.1.10	10400100	0.6 KM W OF 1 & BOW VAL PARKWAY <sup>3</sup>	BNP	6	\$	\$

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1.1.11	10400600	4.1 KM E OF JOHNSON CANYON CAMPGROUND	BNP	6	\$	\$
1.1.12	10404701	1.6 KM E OF WHITEHORN RD & BOW VAL PARKWAY	BNP	6	\$	\$
1.1.13	11000071	0.4 KM N 1 & MINNENWANKA RD	BNP	6	\$	\$
1.1.14	11100002	2.1 KM E LAKE LOUISE DR & MORAINÉ LAKE RD <sup>1,2</sup>	BNP	3	\$	\$
1.1.15	11300010	0.3 KM N 1 & MT NORQUAY SCENIC DR	BNP	6	\$	\$
1.1.16	11300030	0.3 KM S OF MT NORQUAY SKI AREA PARKING LOT <sup>1,2</sup>	BNP	6	\$	\$
1.1.17	11700002	SUNSHINE RD	BNP	6	\$	\$
1.1.18	11700010	GOLF COURSE RD	BNP	6	\$	\$
1.1.19	11800100	0.1 KM S 1 & LAKE LOUISE DR	BNP	6	\$	\$
1.1.20	11800201	2.2 KM S 1 & LAKE LOUISE DR <sup>1,2</sup>	BNP	6	\$	\$
1.1.21	11800302	3.6 KM S 1 & LAKE LOUISE DR <sup>1,2</sup>	BNP	3	\$	\$
1.1.22	12000101	1.2 KM N BOW VAL PARKWAY & WHITEHORN ROAD	BNP	6	\$	\$
1.1.23	14000101	1.2 KM S MOUNTAIN AVE & UPPER HOT SPRINGS RD	BNP	6	\$	\$
1.1.24	20100201	1.7 KM N OF 16 & PARKWAY (SOUTH GATE) <sup>1,9</sup>	EINP	0	\$	\$
1.1.25	20102001	0.1 KM N OF PARK BOUNDARY (NORTH GATE) <sup>1,9</sup>	EINP	0	\$	\$
1.1.26	20300001	4.4 KM W OF PARKWAY (WEST GATE) <sup>1,9</sup>	EINP	0	\$	\$
1.1.27	30103509	14.0 KM E OF 16 & E JASPER TOWNSITE	JNP	6	\$	\$
1.1.28	30107201	19.1 KM W OF 16 & 93 W JASPER TOWNSITE <sup>9 10</sup>	JNP	0	\$	\$
1.1.29	30215001	5.4 KM S 16 & 93 JASPER	JNP	6	\$	\$
1.1.30	30216001	1.1 KM S JONAS CREEK CAMPGROUND	JNP	6	\$	\$
1.1.31	30700001	0.43 KM S of HWY 16 & Maligne Lake Rd <sup>10</sup>	JNP	0	\$	\$
1.1.32	30700809	8.2 KM S of HWY 16 & Maligne Lake Rd <sup>10</sup>	JNP	0	\$	\$
1.1.33	30900000	0.2 KM W HWY of 93N & Edith Cavell Rd <sup>10</sup>	JNP	0	\$	\$
1.1.34	40309000	3.0 KM N OF SETTLERS RD	KNP	6	\$	\$

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1.1.35	40310601	0.3 KM S OF KOOTENAY PARK GATES <sup>9 10</sup>	KNP	0	\$	\$
1.1.36	50010040	1.4 KM W OF 1 & 93 CASTLE JUNCTION	BNP	6	\$	\$
1.1.37	50010050	1.6 KM W OF BANFF PARK GATES <sup>9 10</sup>	BNP	0	\$	\$
1.1.38	50010080	0.6 KM E OF FIELD	YNP	6	\$	\$
1.1.39	50010090	0.25 KM W OF FIELD ENTRANCE <sup>9 10</sup>	YNP	0	\$	\$
1.1.40	50010450	1.2 KM E OF CASTLE JCT	BNP	6	\$	\$
1.1.41	50100301	3.0 KM W OF 1 & GLACIER PARK BOUNDARY	GNP	6	\$	\$
1.1.42	50102407	0.7 KM W OF 1 & ROGERS PASS CENTRE <sup>9 10</sup>	GNP	0	\$	\$
1.1.43	50110250	2.3 KM E OF BANFF PARK GATES <sup>9 10</sup>	BNP	0	\$	\$
1.1.44	50160210	EAST JASPER PARK GATES <sup>9 10</sup>	JNP	0	\$	\$
1.1.45	70300800	7.0 KM W OF 5 & RED ROCK PARKWAY <sup>1</sup>	WLNP	0	\$	\$
1.1.46	70400100	0.9 KM W OF 5 & AKAMINA PARKWAY <sup>1</sup>	WLNP	0	\$	\$
1.1.47	70800102	0.7km S of HWY 5 & 6 at Gate <sup>1,9</sup>	WLNP	0	\$	\$
1.1.48	80108501	ALTA-BC BORDER	YNP	6	\$	\$
<b>A</b>	<b>Combined Estimated Total Firm Unit Price(s) Data Retrieval and Maintenance (excluding applicable tax)</b>					<b>\$</b>

<sup>1</sup> Operates as an hourly cellular retrieval site

<sup>2</sup> Site operates as a cellular site only between the months of June and November inclusive

<sup>3</sup> Site collects extra "Timestamp" data

<sup>9</sup> Operates as a priority monthly ATR site

<sup>10</sup> Sites are cellular downloaded, but still require maintenance

## 1.2 Firm Unit Price(s) for Required Services – Cellular Data Retrieval

**In consideration of the Contractor completing all of its obligations under the Contract, the Contractor will be paid firm unit price(s) in Canadian funds for all costs, including but not limited to all professional, technical, and administrative fees and costs as required to fulfill the requirements of Annex A – Statement of Work as defined.**

Charges related to cellular data plans, cellular data retrieval, processing and updating hourly reports and distribution of email alerts from specific ATRs marked as cellular must be included in the price per site visit.

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Title:  
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Item No.	ATR ID	Site Location Description	Park	Site Visits (SV)	Price Per Site Visit (PPSV)	Extended Total(s) (SV x PPSV)
1.2.1	11100002	2.1 KM E LAKE LOUISE DR & MORAINÉ LAKE RD <sup>1,2</sup>	BNP	3	\$	\$
1.2.2	11300030	0.3 KM N 1 & MT NORQUAY SCENIC DR <sup>1</sup>	BNP	6	\$	\$
1.2.3	11800201	2.2 KM S 1 & LAKE LOUISE DR <sup>1,2,4</sup>	BNP	3	\$	\$
1.2.4	11800302	3.6 KM S 1 & LAKE LOUISE DR <sup>1,2</sup>	BNP	3	\$	\$
1.2.5	20100201	1.7 KM N OF 16 & PARKWAY (SOUTH GATE) <sup>1,9</sup>	EINP	12	\$	\$
1.2.6	20102001	0.1 KM N OF PARK BOUNDARY (NORTH GATE) <sup>1,9</sup>	EINP	12	\$	\$
1.2.7	20300001	4.4 KM W OF PARKWAY (WEST GATE) <sup>1,9</sup>	EINP	12	\$	\$
1.2.8	30107201	19.1 KM W OF 16 & 93 W JASPER TOWNSITE <sup>9</sup>	JNP	12	\$	\$
1.2.9	30700001	0.43 KM S of HWY 16 & Maligne Lake Rd	JNP	6	\$	\$
1.2.10	30700809	8.2 KM S of HWY 16 & Maligne Lake Rd	JNP	6	\$	\$
1.2.11	30900000	0.2 KM W HWY of 93N & Edith Cavell Rd	JNP	6	\$	\$
1.2.12	40310601	0.3 KM S OF KOOTENAY PARK GATES <sup>9</sup>	KNP	12	\$	\$
1.2.13	50010050	1.6 KM W OF BANFF PARK GATES <sup>9</sup>	BNP	12	\$	\$
1.2.14	50010090	0.25 KM W OF FIELD ENTRANCE <sup>9</sup>	YNP	12	\$	\$
1.2.15	50102407	0.7 KM W OF 1 & ROGERS PASS CENTRE <sup>9</sup>	GNP	12	\$	\$
1.2.16	50110250	2.3 KM E OF BANFF PARK GATES <sup>9</sup>	BNP	12	\$	\$
1.2.17	50160210	EAST JASPER PARK GATES <sup>9</sup>	JNP	12	\$	\$
1.2.18	12000101	1.2 KM N BOW VAL PARKWAY & WHITEHORN ROAD <sup>1</sup>	BNP	12	\$	\$
1.2.19	70300800	7.0 KM W OF 5 & RED ROCK PARKWAY <sup>1</sup>	WLNP	12	\$	\$
1.2.20	70400100	0.9 KM W OF 5 & AKAMINA PARKWAY <sup>1</sup>	WLNP	12	\$	\$
1.2.21	70800102	0.7km S of HWY 5 & 6 at Gate <sup>1,9</sup>	WLNP	12	\$	\$
<b>B</b>	<b>Combined Estimated Total Firm Unit Price(s) Cellular Data Retrieval (excluding applicable tax)</b>					<b>\$</b>

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**Contracting Authority:**  
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N/A

**Title:**  
Traffic Monitoring – Western Parks

<sup>1</sup> Operates as an hourly cellular retrieval site

<sup>2</sup> Site operates as a cellular site only between the months of June and November inclusive

<sup>4</sup> Site operates as a physical download (non-cellular) site between the months of December and May inclusive

<sup>9</sup> Operates as a priority monthly ATR site

### 1.3 Firm Unit Price(s) for Required Services – Reports

In consideration of the Contractor completing all of its obligations under the Contract, the Contractor will be paid firm unit price(s) in Canadian funds for all costs, including but not limited to all professional, technical, and administrative fees and costs as required to fulfill the requirements of *Annex A – Statement of Work* as defined.

Refer to section 4.4.5 for missing data policy. Sections 4.4.6 and 4.4.7 detail specifications for Volumetric reports. Sections 4.4.8 and 4.4.9 detail specifications for Speed and Class reports. All ATRs will have Volumetric reports produced and only Classifiers require Speed and Class reports. Refer to Appendix A.1 for list of site types.

Item No.	Report Type	Reports (R)	Price Per Report (PPR)	Extended Total(s) (R x PPR)
1.3.1	Bi-monthly (1 per site visit) Volumetric Reports for 37 ATRs <sup>5</sup>	216	\$	\$
1.3.2	Bi-monthly (1 per site visit) Speed and Class Reports for 16 ATRs	90	\$	\$
1.3.3	Monthly (1 per site visit) Volumetric Reports for 11 Priority ATRs	132	\$	\$
1.3.4	Estimated Monthly Average Daily Traffic Calculation (MADT) report if a Priority Monthly ATR location is not accessible	12	\$	\$
<b>C</b>	<b>Combined Estimated Total Firm Unit Price(s) Reports</b> (excluding applicable tax)			<b>\$</b>

<sup>5</sup> Of the 48 ATR network, two classifier ATRs are inactive for three reporting periods, 11 are Priority ATRs which are reported monthly.

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N/A

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#### 1.4 Firm Unit Price(s) for Required Services – Seasonal Site Activation and Deactivation

In consideration of the Contractor completing all of its obligations under the Contract, the Contractor will be paid firm unit price(s) in Canadian funds for all costs, including but not limited to all professional, technical, and administrative fees and costs as required to fulfill the requirements of *Annex A – Statement of Work* as defined.

Charges related to activation of sites that are used to collect seasonal data must be included in the activation price. Activation charges must include site testing, hardware installation, activation of cellular data plans, and activation of hourly monitoring, reporting and email notification. Charges related to deactivation of sites during off-season periods must be included in the deactivation price. Deactivation charges must include securing site for off-season, hardware removal, deactivation of cellular data plans, and deactivation of hourly monitoring, reporting and email notification. Unless otherwise noted, site activations and deactivations must align with the bi-monthly data retrieval schedule as outlined in section 4.3.5. Site activation occurs in June and deactivation occurs in November. Charges for November Site Visits are accounted for in Table 1.1.

Item No.	ATR ID	Site Location Description	Park	Activation Price (AP)	Deactivation Price (DP)	Extended Total(s) (AP + DP)
1.4.1	11100002	2.1 KM E LAKE LOUISE DR & MORAINÉ LAKE RD <sup>6,8</sup>	BNP	\$	\$	\$
1.4.2	11800201	2.2 KM S 1 & LAKE LOUISE DR <sup>7</sup>	BNP	\$	\$	\$
1.4.3	11800302	3.6 KM S 1 & LAKE LOUISE DR <sup>6</sup>	BNP	\$	\$	\$
<b>D</b>	<b>Combined Estimated Total Firm Unit Price(s) Seasonal Site Activation and Deactivation (excluding applicable tax)</b>					<b>\$</b>

<sup>6</sup> Site activation/deactivation includes installation/removal of ATR and activation/deactivation of cellular capabilities to supply hourly data over a cellular data network

<sup>7</sup> Site is active year-round as a physical download site. Only cellular capability activation and deactivation is required to supply hourly data over a cellular data network

<sup>8</sup> Site 11100002 is inaccessible by contractor for deactivation as road is closed to traffic during off-season. Park staff will remove ATR hardware and deactivate as instructed by contractor. All ATR hardware removed from cabinet will be transferred to contractor in a mutually agreed upon manner.

#### 1.5 Firm Unit Price(s) for As and When Requested Services

In consideration of the Contractor completing all of its obligations under the Contract, the Contractor will be paid firm unit price(s) in Canadian funds for all costs, including but not limited to all professional, technical, and administrative fees and costs as required to fulfill the requirements of *Annex A – Statement of Work* as defined.

Item No.	Item Description	Quantity (Q)	Unit Price (UP)	Extended Total(s) (Q x UP)
1.5.1	One loop site installation (see section 4.6)	1	\$	\$
1.5.2	Two loop site installation (see section 4.6)	1	\$	\$



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<b>1.5.3</b>	Four loop site installation (see section 4.6)	1	\$	\$
<b>1.5.4</b>	Supply and install One Golden River M680 Classifier	2	\$	\$
<b>1.5.5</b>	Upgrade of ATR Site to allow for cellular retrieval	1	\$	\$
<b>1.5.6</b>	Manual intersection count and reporting	15	\$	\$
<b>1.5.7</b>	Remove and dispose of cellular 3G communications equipment and supply and install 4G equipment	13	\$	\$
<b>E</b>	<b>Combined Estimated Total Firm Unit Price(s) As and When Requested Work (excluding applicable tax)</b>			<b>\$</b>

**1.6 Estimated Total Combined Evaluated Contract Year Price**

The total bid evaluated Contract Year price is the sum of Tables A through E.

<b>F</b>	<b>ESTIMATED TOTAL COMBINED <u>EVALUATED</u> CONTRACT YEAR PRICE (A + B + C + D + E) (excluding applicable tax)</b>	<b>\$</b>
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Emilie Goulet

Client Reference No.:  
N/A

Title:  
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**2. Option Year One (1) – April 01, 2025 to March 31, 2026 inclusive**

**2.1 Firm Unit Price(s) for Required Services – Physical Data Retrieval and Maintenance**

In consideration of the Contractor completing all of its obligations under the Contract, the Contractor will be paid firm unit price(s) in Canadian funds for all costs, including but not limited to all professional, technical, and administrative fees and costs as required to fulfill the requirements of *Annex A – Statement of Work* as defined.

Charges related to travelling to, operating, and data retrieval from the ATRs must be included in the price per site visit. Do not include charges related to cellular data plans, cellular data retrieval, hourly reporting or email alerts.

Item No.	ATR ID	Site Location Description	Park	Site Visits (SV)	Price Per Site Visit (PPSV)	Extended Total(s) (SV x PPSV)
2.1.1	10100300	2.5KM E OF MINNEWANKA	BNP	6	\$	\$
2.1.2	10100500	0.7 KM E OF NORQUA	BNP	6	\$	\$
2.1.3	10107211	TCH WB & WB RAMP LK. LOUISE INTERCH.	BNP	6	\$	\$
2.1.4	10107251	TCH EB & EB RAMP LK. LOUISE INTERCH.	BNP	6	\$	\$
2.1.5	10107300	0.7 KM W 1 & LAKE LOUISE DR	BNP	6	\$	\$
2.1.6	10200401	4.3 KM N OF 1 & 93 LAKE LOUISE	BNP	6	\$	\$
2.1.7	10201501	2.0 KM N HWY 93 & BOW LAKE RD	BNP	6	\$	\$
2.1.8	10212101	0.3 KM S OF BANFF - JASPER BORDER	BNP	6	\$	\$
2.1.9	10300701	6.1 KM S OF 1 & 93 LAKE LOUISE	BNP	6	\$	\$
2.1.10	10400100	0.6 KM W OF 1 & BOW VAL PARKWAY <sup>3</sup>	BNP	6	\$	\$
2.1.11	10400600	4.1 KM E OF JOHNSON CANYON CAMPGROUND	BNP	6	\$	\$
2.1.12	10404701	1.6 KM E OF WHITEHORN RD & BOW VAL PARKWAY	BNP	6	\$	\$
2.1.13	11000071	0.4 KM N 1 & MINNEWANKA RD	BNP	6	\$	\$
2.1.14	11100002	2.1 KM E LAKE LOUISE DR & MORaine LAKE RD <sup>1,2</sup>	BNP	3	\$	\$
2.1.15	11300010	0.3 KM N 1 & MT NORQUAY SCENIC DR	BNP	6	\$	\$
2.1.16	11300030	0.3 KM S OF MT NORQUAY SKI AREA PARKING LOT <sup>1,2</sup>	BNP	6	\$	\$
2.1.17	11700002	SUNSHINE RD	BNP	6	\$	\$
2.1.18	11700010	GOLF COURSE RD	BNP	6	\$	\$

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2.1.19	11800100	0.1 KM S 1 & LAKE LOUISE DR	BNP	6	\$	\$
2.1.20	11800201	2.2 KM S 1 & LAKE LOUISE DR <sup>1,2</sup>	BNP	6	\$	\$
2.1.21	11800302	3.6 KM S 1 & LAKE LOUISE DR <sup>1,2</sup>	BNP	3	\$	\$
2.1.22	12000101	1.2 KM N BOW VAL PARKWAY & WHITEHORN ROAD	BNP	6	\$	\$
2.1.23	14000101	1.2 KM S MOUNTAIN AVE & UPPER HOT SPRINGS RD	BNP	6	\$	\$
2.1.24	20100201	1.7 KM N OF 16 & PARKWAY (SOUTH GATE) <sup>1,9, 10</sup>	EINP	0	\$	\$
2.1.25	20102001	0.1 KM N OF PARK BOUNDARY (NORTH GATE) <sup>1,9, 10</sup>	EINP	0	\$	\$
2.1.26	20300001	4.4 KM W OF PARKWAY (WEST GATE) <sup>1,9, 10</sup>	EINP	0	\$	\$
2.1.27	30103509	14.0 KM E OF 16 & E JASPER TOWNSITE	JNP	6	\$	\$
2.1.28	30107201	19.1 KM W OF 16 & 93 W JASPER TOWNSITE <sup>9 10</sup>	JNP	0	\$	\$
2.1.29	30215001	5.4 KM S 16 & 93 JASPER	JNP	6	\$	\$
2.1.30	30216001	1.1 KM S JONAS CREEK CAMPGROUND	JNP	6	\$	\$
2.1.31	30700001	0.43 KM S of HWY 16 & Maligne Lake Rd <sup>10</sup>	JNP	0	\$	\$
2.1.32	30700809	8.2 KM S of HWY 16 & Maligne Lake Rd <sup>10</sup>	JNP	0	\$	\$
2.1.33	30900000	0.2 KM W HWY of 93N & Edith Cavell Rd <sup>10</sup>	JNP	0	\$	\$
2.1.34	40309000	3.0 KM N OF SETTLERS RD	KNP	6	\$	\$
2.1.35	40310601	0.3 KM S OF KOOTENAY PARK GATES <sup>9 10</sup>	KNP	0	\$	\$
2.1.36	50010040	1.4 KM W OF 1 & 93 CASTLE JUNCTION	BNP	6	\$	\$
2.1.37	50010050	1.6 KM W OF BANFF PARK GATES <sup>9 10</sup>	BNP	0	\$	\$
2.1.38	50010080	0.6 KM E OF FIELD	YNP	6	\$	\$
2.1.39	50010090	0.25 KM W OF FIELD ENTRANCE <sup>9 10</sup>	YNP	0	\$	\$
2.1.40	50010450	1.2 KM E OF CASTLE JCT	BNP	6	\$	\$
2.1.41	50100301	3.0 KM W OF 1 & GLACIER PARK BOUNDARY	GNP	6	\$	\$
2.1.42	50102407	0.7 KM W OF 1 & ROGERS PASS CENTRE <sup>9 10</sup>	GNP	0	\$	\$

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2.1.43	50110250	2.3 KM E OF BANFF PARK GATES <sup>9 10</sup>	BNP	0	\$	\$
2.1.44	50160210	EAST JASPER PARK GATES <sup>9 10</sup>	JNP	0	\$	\$
2.1.45	70300800	7.0 KM W OF 5 & RED ROCK PARKWAY <sup>1, 10</sup>	WLNP	0	\$	\$
2.1.46	70400100	0.9 KM W OF 5 & AKAMINA PARKWAY <sup>1, 10</sup>	WLNP	0	\$	\$
2.1.47	70800102	0.7km S of HWY 5 & 6 at Gate <sup>1,9, 10</sup>	WLNP	0	\$	\$
2.1.48	80108501	ALTA-BC BORDER	YNP	6	\$	\$
<b>G</b>	<b>Combined Estimated Total Firm Unit Price(s) Data Retrieval and Maintenance (excluding applicable tax)</b>					<b>\$</b>

<sup>1</sup> Operates as an hourly cellular retrieval site

<sup>2</sup> Site operates as a cellular site only between the months of June and November inclusive

<sup>3</sup> Site collects extra "Timestamp" data

<sup>9</sup> Operates as a priority monthly ATR site

<sup>10</sup> Sites are cellular downloaded, but still require maintenance

## 2.2 Firm Unit Price(s) for Required Services – Cellular Data Retrieval and Maintenance

In consideration of the Contractor completing all of its obligations under the Contract, the Contractor will be paid firm unit price(s) in Canadian funds for **all costs**, including but not limited to all professional, technical, and administrative fees and costs as required to fulfill the requirements of **Annex A – Statement of Work** as defined.

Charges related to cellular data plans, cellular data retrieval, processing and updating hourly reports and distribution of email alerts from specific ATRs marked as cellular must be included in the price per site visit.

Item No.	ATR ID	Site Location Description	Park	Site Visits (SV)	Price Per Site Visit (PPSV)	Extended Total(s) (SV x PPSV)
2.2.1	11100002	2.1 KM E LAKE LOUISE DR & MORAINÉ LAKE RD <sup>1,2</sup>	BNP	3	\$	\$
2.2.2	11300030	0.3 KM N 1 & MT NORQUAY SCENIC DR <sup>1</sup>	BNP	6	\$	\$
2.2.3	11800201	2.2 KM S 1 & LAKE LOUISE DR <sup>1,2,4</sup>	BNP	3	\$	\$
2.2.4	11800302	3.6 KM S 1 & LAKE LOUISE DR <sup>1,2</sup>	BNP	3	\$	\$
2.2.5	20100201	1.7 KM N OF 16 & PARKWAY (SOUTH GATE) <sup>1,9</sup>	EINP	12	\$	\$
2.2.6	20102001	0.1 KM N OF PARK BOUNDARY (NORTH GATE) <sup>1,9</sup>	EINP	12	\$	\$
2.2.7	20300001	4.4 KM W OF PARKWAY (WEST GATE) <sup>1,9</sup>	EINP	12	\$	\$

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2.2.8	30107201	19.1 KM W OF 16 & 93 W JASPER TOWNSITE <sup>9</sup>	JNP	12	\$	\$
2.2.9	30700001	0.43 KM S of HWY 16 & Maligne Lake Rd	JNP	6	\$	\$
2.2.10	30700809	8.2 KM S of HWY 16 & Maligne Lake Rd	JNP	6	\$	\$
2.2.11	30900000	0.2 KM W HWY of 93N & Edith Cavell Rd	JNP	6	\$	\$
2.2.12	40310601	0.3 KM S OF KOOTENAY PARK GATES <sup>9</sup>	KNP	12	\$	\$
2.2.13	50010050	1.6 KM W OF BANFF PARK GATES <sup>9</sup>	BNP	12	\$	\$
2.2.14	50010090	0.25 KM W OF FIELD ENTRANCE <sup>9</sup>	YNP	12	\$	\$
2.2.15	50102407	0.7 KM W OF 1 & ROGERS PASS CENTRE <sup>9</sup>	GNP	12	\$	\$
2.2.16	50110250	2.3 KM E OF BANFF PARK GATES <sup>9</sup>	BNP	12	\$	\$
2.2.17	50160210	EAST JASPER PARK GATES <sup>9</sup>	JNP	12	\$	\$
2.2.18	12000101	1.2 KM N BOW VAL PARKWAY & WHITEHORN ROAD <sup>1</sup>	BNP	12	\$	\$
2.2.19	70300800	7.0 KM W OF 5 & RED ROCK PARKWAY <sup>1</sup>	WLNP	12	\$	\$
2.2.20	70400100	0.9 KM W OF 5 & AKAMINA PARKWAY <sup>1</sup>	WLNP	12	\$	\$
2.2.21	70800102	0.7km S of HWY 5 & 6 at Gate <sup>1,9</sup>	WLNP	12	\$	\$
H	<b>Combined Estimated Total Firm Unit Price(s) Cellular Data Retrieval (excluding applicable tax)</b>					<b>\$</b>

<sup>1</sup> Operates as an hourly cellular retrieval site

<sup>2</sup> Site operates as a cellular site only between the months of June and November inclusive

<sup>4</sup> Site operates as a physical download (non-cellular) site between the months of December and May inclusive

<sup>9</sup> Operates as a priority monthly ATR site

### 2.3 Firm Unit Price(s) for Required Services – Reports

In consideration of the Contractor completing all of its obligations under the Contract, the Contractor will be paid firm unit price(s) in Canadian funds for all costs, including but not limited to all professional, technical, and administrative fees and costs as required to fulfill the requirements of *Annex A – Statement of Work* as defined.

Refer to section 4.4.5 for missing data policy. Sections 4.4.6 and 4.4.7 detail specifications for Volumetric reports. Sections 4.4.8 and 4.4.9 detail specifications for Speed and Class reports. All ATRs will have Volumetric reports produced and only Classifiers require Speed and Class reports. Refer to Appendix A.1 for list of site types.

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Item No.	Report Type	Reports (R)	Price Per Report (PPR)	Extended Total(s) (R x PPR)
2.3.1	Bi-monthly (1 per site visit) Volumetric Reports for 37 ATRs <sup>5</sup>	216	\$	\$
2.3.2	Bi-monthly (1 per site visit) Speed and Class Reports for 16 ATRs	90	\$	\$
2.3.3	Monthly (1 per site visit) Volumetric Reports for 11 Priority ATRs	132	\$	\$
2.3.4	Estimated Monthly Average Daily Traffic Calculation (MADT) report if a Priority Monthly ATR location is not accessible	12	\$	\$
I	<b>Combined Estimated Total Firm Unit Price(s) Reports</b> (excluding applicable tax)			\$

<sup>5</sup> Of the 48 ATR network, two classifier ATRs are inactive for three reporting periods, 11 are Priority ATRs which are reported monthly.

#### 2.4 Firm Unit Price(s) for Required Services – Seasonal Site Activation and Deactivation

In consideration of the Contractor completing all of its obligations under the Contract, the Contractor will be paid firm unit price(s) in Canadian funds for all costs, including but not limited to all professional, technical, and administrative fees and costs as required to fulfill the requirements of *Annex A – Statement of Work* as defined.

Charges related to activation of sites that are used to collect seasonal data must be included in the activation price. Activation charges must include site testing, hardware installation, activation of cellular data plans, and activation of hourly monitoring, reporting and email notification. Charges related to deactivation of sites during off-season periods must be included in the deactivation price. Deactivation charges must include securing site for off-season, hardware removal, deactivation of cellular data plans, and deactivation of hourly monitoring, reporting and email notification. Unless otherwise noted, site activations and deactivations must align with the bi-monthly data retrieval schedule as outlined in section 4.3.5. Site activation occurs in June and deactivation occurs in November. Charges for November Site Visits are accounted for in Table 2.1.

Item No.	ATR ID	Site Location Description	Park	Activation Price (AP)	Deactivation Price (DP)	Extended Total(s) (AP + DP)
2.4.1	11100002	2.1 KM E LAKE LOUISE DR & MORAINÉ LAKE RD <sup>6,8</sup>	BNP	\$	\$	\$
2.4.2	11800201	2.2 KM S 1 & LAKE LOUISE DR <sup>7</sup>	BNP	\$	\$	\$
2.4.3	11800302	3.6 KM S 1 & LAKE LOUISE DR <sup>6</sup>	BNP	\$	\$	\$
J	<b>Combined Estimated Total Firm Unit Price(s) Seasonal Site Activation and Deactivation</b> (excluding applicable tax)					\$

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**Contracting Authority:**  
Emilie Goulet

**Client Reference No.:**  
N/A

**Title:**  
Traffic Monitoring – Western Parks

<sup>6</sup> Site activation/deactivation includes installation/removal of ATR and activation/deactivation of cellular capabilities to supply hourly data over a cellular data network

<sup>7</sup> Site is active year-round as a physical download site. Only cellular capability activation and deactivation is required to supply hourly data over a cellular data network

<sup>8</sup> Site 11100002 is inaccessible by contractor for deactivation as road is closed to traffic during off-season. Park staff will remove ATR hardware and deactivate as instructed by contractor. All ATR hardware removed from cabinet will be transferred to contractor in a mutually agreed upon manner.

## 2.5 Firm Unit Price(s) for As and When Requested Services

In consideration of the Contractor completing all of its obligations under the Contract, the Contractor will be paid firm unit price(s) in Canadian funds for all costs, including but not limited to all professional, technical, and administrative fees and costs as required to fulfill the requirements of *Annex A – Statement of Work* as defined.

Item No.	Item Description	Quantity (Q)	Unit Price (UP)	Extended Total(s) (Q x UP)
2.5.1	One loop site installation (see section 4.6)	1	\$	\$
2.5.2	Two loop site installation (see section 4.6)	1	\$	\$
2.5.3	Four loop site installation (see section 4.6)	1	\$	\$
2.5.4	Supply and install One Golden River M680 Classifier	2	\$	\$
2.5.5	Upgrade of ATR Site to allow for cellular retrieval	1	\$	\$
2.5.6	Manual intersection count and reporting	15	\$	\$
2.5.7	Remove and dispose of cellular 3G communications equipment and supply and install 4G equipment	13	\$	\$
K	<b>Combined Estimated Total Firm Unit Price(s) As and When Requested Work (excluding applicable tax)</b>			<b>\$</b>

## 2.6 Estimated Total Combined Evaluated Option Year One (1) Price

The total bid evaluated Contract Year price is the sum of Tables G through K.

L	<b>ESTIMATED TOTAL COMBINED EVALUATED OPTION YEAR ONE (1) PRICE (G + H + I + J + K) (excluding applicable tax)</b>	<b>\$</b>
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Contracting Authority:  
Emilie Goulet

Client Reference No.:  
N/A

Title:  
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### 3. Option Year Two (2) – April 01, 2026 to March 31, 2027 inclusive

#### 3.1 Firm Unit Price(s) for Required Services – Physical Data Retrieval and Maintenance

In consideration of the Contractor completing all of its obligations under the Contract, the Contractor will be paid firm unit price(s) in Canadian funds for all costs, including but not limited to all professional, technical, and administrative fees and costs as required to fulfill the requirements of *Annex A – Statement of Work* as defined.

Charges related to travelling to, operating, and data retrieval from the ATRs must be included in the price per site visit. Do not include charges related to cellular data plans, cellular data retrieval, hourly reporting or email alerts.

Item No.	ATR ID	Site Location Description	Park	Site Visits (SV)	Price Per Site Visit (PPSV)	Extended Total(s) (SV x PPSV)
3.1.1	10100300	2.5KM E OF MINNEWANKA	BNP	6	\$	\$
3.1.2	10100500	0.7 KM E OF NORQUA	BNP	6	\$	\$
3.1.3	10107211	TCH WB & WB RAMP LK. LOUISE INTERCH.	BNP	6	\$	\$
3.1.4	10107251	TCH EB & EB RAMP LK. LOUISE INTERCH.	BNP	6	\$	\$
3.1.5	10107300	0.7 KM W 1 & LAKE LOUISE DR	BNP	6	\$	\$
3.1.6	10200401	4.3 KM N OF 1 & 93 LAKE LOUISE	BNP	6	\$	\$
3.1.7	10201501	2.0 KM N HWY 93 & BOW LAKE RD	BNP	6	\$	\$
3.1.8	10212101	0.3 KM S OF BANFF - JASPER BORDER	BNP	6	\$	\$
3.1.9	10300701	6.1 KM S OF 1 & 93 LAKE LOUISE	BNP	6	\$	\$
3.1.10	10400100	0.6 KM W OF 1 & BOW VAL PARKWAY <sup>3</sup>	BNP	6	\$	\$
3.1.11	10400600	4.1 KM E OF JOHNSON CANYON CAMPGROUND	BNP	6	\$	\$
3.1.12	10404701	1.6 KM E OF WHITEHORN RD & BOW VAL PARKWAY	BNP	6	\$	\$
3.1.13	11000071	0.4 KM N 1 & MINNEWANKA RD	BNP	6	\$	\$
3.1.14	11100002	2.1 KM E LAKE LOUISE DR & MORaine LAKE RD <sup>1,2</sup>	BNP	3	\$	\$
3.1.15	11300010	0.3 KM N 1 & MT NORQUAY SCENIC DR	BNP	6	\$	\$
3.1.16	11300030	0.3 KM S OF MT NORQUAY SKI AREA PARKING LOT <sup>1,2</sup>	BNP	6	\$	\$
3.1.17	11700002	SUNSHINE RD	BNP	6	\$	\$
3.1.18	11700010	GOLF COURSE RD	BNP	6	\$	\$



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3.1.19	11800100	0.1 KM S 1 & LAKE LOUISE DR	BNP	6	\$	\$
3.1.20	11800201	2.2 KM S 1 & LAKE LOUISE DR <sup>1,2</sup>	BNP	6	\$	\$
3.1.21	11800302	3.6 KM S 1 & LAKE LOUISE DR <sup>1,2</sup>	BNP	3	\$	\$
3.1.22	12000101	1.2 KM N BOW VAL PARKWAY & WHITEHORN ROAD	BNP	6	\$	\$
3.1.23	14000101	1.2 KM S MOUNTAIN AVE & UPPER HOT SPRINGS RD	BNP	6	\$	\$
3.1.24	20100201	1.7 KM N OF 16 & PARKWAY (SOUTH GATE) <sup>1,9, 10</sup>	EINP	0	\$	\$
3.1.25	20102001	0.1 KM N OF PARK BOUNDARY (NORTH GATE) <sup>1,9, 10</sup>	EINP	0	\$	\$
3.1.26	20300001	4.4 KM W OF PARKWAY (WEST GATE) <sup>1,9, 10</sup>	EINP	0	\$	\$
3.1.27	30103509	14.0 KM E OF 16 & E JASPER TOWNSITE	JNP	6	\$	\$
3.1.28	30107201	19.1 KM W OF 16 & 93 W JASPER TOWNSITE <sup>9 10</sup>	JNP	0	\$	\$
3.1.29	30215001	5.4 KM S 16 & 93 JASPER	JNP	6	\$	\$
3.1.30	30216001	1.1 KM S JONAS CREEK CAMPGROUND	JNP	6	\$	\$
3.1.31	30700001	0.43 KM S of HWY 16 & Maligne Lake Rd <sup>10</sup>	JNP	0	\$	\$
3.1.32	30700809	8.2 KM S of HWY 16 & Maligne Lake Rd <sup>10</sup>	JNP	0	\$	\$
3.1.33	30900000	0.2 KM W HWY of 93N & Edith Cavell Rd <sup>10</sup>	JNP	0	\$	\$
3.1.34	40309000	3.0 KM N OF SETTLERS RD	KNP	6	\$	\$
3.1.35	40310601	0.3 KM S OF KOOTENAY PARK GATES <sup>9 10</sup>	KNP	0	\$	\$
3.1.36	50010040	1.4 KM W OF 1 & 93 CASTLE JUNCTION	BNP	6	\$	\$
3.1.37	50010050	1.6 KM W OF BANFF PARK GATES <sup>9 10</sup>	BNP	0	\$	\$
3.1.38	50010080	0.6 KM E OF FIELD	YNP	6	\$	\$
3.1.39	50010090	0.25 KM W OF FIELD ENTRANCE <sup>9 10</sup>	YNP	0	\$	\$
3.1.40	50010450	1.2 KM E OF CASTLE JCT	BNP	6	\$	\$
3.1.41	50100301	3.0 KM W OF 1 & GLACIER PARK BOUNDARY	GNP	6	\$	\$
3.1.42	50102407	0.7 KM W OF 1 & ROGERS PASS CENTRE <sup>9 10</sup>	GNP	0	\$	\$

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3.1.43	50110250	2.3 KM E OF BANFF PARK GATES <sup>9 10</sup>	BNP	0	\$	\$
3.1.44	50160210	EAST JASPER PARK GATES <sup>9 10</sup>	JNP	0	\$	\$
3.1.45	70300800	7.0 KM W OF 5 & RED ROCK PARKWAY <sup>1, 10</sup>	WLNP	0	\$	\$
3.1.46	70400100	0.9 KM W OF 5 & AKAMINA PARKWAY <sup>1, 10</sup>	WLNP	0	\$	\$
3.1.47	70800102	0.7km S of HWY 5 & 6 at Gate <sup>1,9, 10</sup>	WLNP	0	\$	\$
3.1.48	80108501	ALTA-BC BORDER	YNP	6	\$	\$
<b>M</b>	<b>Combined Estimated Total Firm Unit Price(s) Data Retrieval and Maintenance (excluding applicable tax)</b>					<b>\$</b>

<sup>1</sup> Operates as an hourly cellular retrieval site

<sup>2</sup> Site operates as a cellular site only between the months of June and November inclusive

<sup>3</sup> Site collects extra "Timestamp" data

<sup>9</sup> Operates as a priority monthly ATR site

<sup>10</sup> Sites are cellular downloaded, but still require maintenance

### 3.2 Firm Unit Price(s) for Required Services – Cellular Data Retrieval and Maintenance

**In consideration of the Contractor completing all of its obligations under the Contract, the Contractor will be paid firm unit price(s) in Canadian funds for all costs, including but not limited to all professional, technical, and administrative fees and costs as required to fulfill the requirements of Annex A – Statement of Work as defined.**

Charges related to cellular data plans, cellular data retrieval, processing and updating hourly reports and distribution of email alerts from specific ATRs marked as cellular must be included in the price per site visit.

Item No.	ATR ID	Site Location Description	Park	Site Visits (SV)	Price Per Site Visit (PPSV)	Extended Total(s) (SV x PPSV)
3.2.1	11100002	2.1 KM E LAKE LOUISE DR & MORAINÉ LAKE RD <sup>1,2</sup>	BNP	3	\$	\$
3.2.2	11300030	0.3 KM N 1 & MT NORQUAY SCENIC DR <sup>1</sup>	BNP	6	\$	\$
3.2.3	11800201	2.2 KM S 1 & LAKE LOUISE DR <sup>1,2,4</sup>	BNP	3	\$	\$
3.2.4	11800302	3.6 KM S 1 & LAKE LOUISE DR <sup>1,2</sup>	BNP	3	\$	\$
3.2.5	20100201	1.7 KM N OF 16 & PARKWAY (SOUTH GATE) <sup>1,9</sup>	EINP	12	\$	\$
3.2.6	20102001	0.1 KM N OF PARK BOUNDARY (NORTH GATE) <sup>1,9</sup>	EINP	12	\$	\$
3.2.7	20300001	4.4 KM W OF PARKWAY (WEST GATE) <sup>1,9</sup>	EINP	12	\$	\$

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3.2.8	30107201	19.1 KM W OF 16 & 93 W JASPER TOWNSITE <sup>9</sup>	JNP	12	\$	\$
3.2.9	30700001	0.43 KM S of HWY 16 & Maligne Lake Rd	JNP	6	\$	\$
3.2.10	30700809	8.2 KM S of HWY 16 & Maligne Lake Rd	JNP	6	\$	\$
3.2.11	30900000	0.2 KM W HWY of 93N & Edith Cavell Rd	JNP	6	\$	\$
3.2.12	40310601	0.3 KM S OF KOOTENAY PARK GATES <sup>9</sup>	KNP	12	\$	\$
3.2.13	50010050	1.6 KM W OF BANFF PARK GATES <sup>9</sup>	BNP	12	\$	\$
3.2.14	50010090	0.25 KM W OF FIELD ENTRANCE <sup>9</sup>	YNP	12	\$	\$
3.2.15	50102407	0.7 KM W OF 1 & ROGERS PASS CENTRE <sup>9</sup>	GNP	12	\$	\$
3.2.16	50110250	2.3 KM E OF BANFF PARK GATES <sup>9</sup>	BNP	12	\$	\$
3.2.17	50160210	EAST JASPER PARK GATES <sup>9</sup>	JNP	12	\$	\$
3.2.18	12000101	1.2 KM N BOW VAL PARKWAY & WHITEHORN ROAD <sup>1</sup>	BNP	12	\$	\$
3.2.19	70300800	7.0 KM W OF 5 & RED ROCK PARKWAY <sup>1</sup>	WLNP	12	\$	\$
3.2.20	70400100	0.9 KM W OF 5 & AKAMINA PARKWAY <sup>1</sup>	WLNP	12	\$	\$
3.2.21	70800102	0.7km S of HWY 5 & 6 at Gate <sup>1,9</sup>	WLNP	12	\$	\$
N	<b>Combined Estimated Total Firm Unit Price(s) Cellular Data Retrieval (excluding applicable tax)</b>					<b>\$</b>

<sup>1</sup> Operates as an hourly cellular retrieval site

<sup>2</sup> Site operates as a cellular site only between the months of June and November inclusive

<sup>4</sup> Site operates as a physical download (non-cellular) site between the months of December and May inclusive

<sup>9</sup> Operates as a priority monthly ATR site

### 3.3 Firm Unit Price(s) for Required Services – Reports

In consideration of the Contractor completing all of its obligations under the Contract, the Contractor will be paid firm unit price(s) in Canadian funds for all costs, including but not limited to all professional, technical, and administrative fees and costs as required to fulfill the requirements of *Annex A – Statement of Work* as defined.

Refer to section 4.4.5 for missing data policy. Sections 4.4.6 and 4.4.7 detail specifications for Volumetric reports. Sections 4.4.8 and 4.4.9 detail specifications for Speed and Class reports. All ATRs will have Volumetric reports produced and only Classifiers require Speed and Class reports. Refer to Appendix A.1 for list of site types.

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Item No.	Report Type	Reports (R)	Price Per Report (PPR)	Extended Total(s) (R x PPR)
3.3.1	Bi-monthly (1 per site visit) Volumetric Reports for 37 ATRs <sup>5</sup>	216	\$	\$
3.3.2	Bi-monthly (1 per site visit) Speed and Class Reports for 16 ATRs	90	\$	\$
3.3.3	Monthly (1 per site visit) Volumetric Reports for 11 Priority ATRs	132	\$	\$
3.3.4	Estimated Monthly Average Daily Traffic Calculation (MADT) report if a Priority Monthly ATR location is not accessible	12	\$	\$
<b>O</b>	<b>Combined Estimated Total Firm Unit Price(s) Reports</b> (excluding applicable tax)			<b>\$</b>

<sup>5</sup> Of the 48 ATR network, two classifier ATRs are inactive for three reporting periods, 11 are Priority ATRs which are reported monthly.

### 3.4 Firm Unit Price(s) for Required Services – Seasonal Site Activation and Deactivation

In consideration of the Contractor completing all of its obligations under the Contract, the Contractor will be paid firm unit price(s) in Canadian funds for all costs, including but not limited to all professional, technical, and administrative fees and costs as required to fulfill the requirements of *Annex A – Statement of Work* as defined.

Charges related to activation of sites that are used to collect seasonal data must be included in the activation price. Activation charges must include site testing, hardware installation, activation of cellular data plans, and activation of hourly monitoring, reporting and email notification. Charges related to deactivation of sites during off-season periods must be included in the deactivation price. Deactivation charges must include securing site for off-season, hardware removal, deactivation of cellular data plans, and deactivation of hourly monitoring, reporting and email notification. Unless otherwise noted, site activations and deactivations must align with the bi-monthly data retrieval schedule as outlined in section 4.3.5. Site activation occurs in June and deactivation occurs in November. Charges for November Site Visits are accounted for in Table 3.1.

Item No.	ATR ID	Site Location Description	Park	Activation Price (AP)	Deactivation Price (DP)	Extended Total(s) (AP + DP)
3.4.1	11100002	2.1 KM E LAKE LOUISE DR & MORAINÉ LAKE RD <sup>6,8</sup>	BNP	\$	\$	\$
3.4.2	11800201	2.2 KM S 1 & LAKE LOUISE DR <sup>7</sup>	BNP	\$	\$	\$
3.4.3	11800302	3.6 KM S 1 & LAKE LOUISE DR <sup>6</sup>	BNP	\$	\$	\$
<b>P</b>	<b>Combined Estimated Total Firm Unit Price(s) Seasonal Site Activation and Deactivation</b> (excluding applicable tax)					<b>\$</b>

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<sup>6</sup> Site activation/deactivation includes installation/removal of ATR and activation/deactivation of cellular capabilities to supply hourly data over a cellular data network

<sup>7</sup> Site is active year-round as a physical download site. Only cellular capability activation and deactivation is required to supply hourly data over a cellular data network

<sup>8</sup> Site 11100002 is inaccessible by contractor for deactivation as road is closed to traffic during off-season. Park staff will remove ATR hardware and deactivate as instructed by contractor. All ATR hardware removed from cabinet will be transferred to contractor in a mutually agreed upon manner.

### 3.5 Firm Unit Price(s) for As and When Requested Services

In consideration of the Contractor completing all of its obligations under the Contract, the Contractor will be paid firm unit price(s) in Canadian funds for all costs, including but not limited to all professional, technical, and administrative fees and costs as required to fulfill the requirements of *Annex A – Statement of Work* as defined.

Item No.	Item Description	Quantity (Q)	Unit Price (UP)	Extended Total(s) (Q x UP)
3.5.1	One loop site installation (see section 4.6)	1	\$	\$
3.5.2	Two loop site installation (see section 4.6)	1	\$	\$
3.5.3	Four loop site installation (see section 4.6)	1	\$	\$
3.5.4	Supply and install One Golden River M680 Classifier	2	\$	\$
3.5.5	Upgrade of ATR Site to allow for cellular retrieval	1	\$	\$
3.5.6	Manual intersection count and reporting	15	\$	\$
Q	<b>Combined Estimated Total Firm Unit Price(s) As and When Requested Work (excluding applicable tax)</b>			<b>\$</b>

### 3.6 Estimated Total Combined Evaluated Option Year Two (2) Price

The total bid evaluated Contract Year price is the sum of Tables M through Q.

R	<b>ESTIMATED TOTAL COMBINED <u>EVALUATED</u> OPTION YEAR TWO (2) PRICE (M + N + O + P + Q) (excluding applicable tax)</b>	<b>\$</b>
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**4. Option Year Three (3) – April 01, 2027 to March 31, 2028 inclusive**

**4.1 Firm Unit Price(s) for Required Services – Physical Data Retrieval and Maintenance**

In consideration of the Contractor completing all of its obligations under the Contract, the Contractor will be paid firm unit price(s) in Canadian funds for all costs, including but not limited to all professional, technical, and administrative fees and costs as required to fulfill the requirements of *Annex A – Statement of Work* as defined.

Charges related to travelling to, operating, and data retrieval from the ATRs must be included in the price per site visit. Do not include charges related to cellular data plans, cellular data retrieval, hourly reporting or email alerts.

Item No.	ATR ID	Site Location Description	Park	Site Visits (SV)	Price Per Site Visit (PPSV)	Extended Total(s) (SV x PPSV)
4.1.1	10100300	2.5KM E OF MINNEWANKA	BNP	6	\$	\$
4.1.2	10100500	0.7 KM E OF NORQUA	BNP	6	\$	\$
4.1.3	10107211	TCH WB & WB RAMP LK. LOUISE INTERCH.	BNP	6	\$	\$
4.1.4	10107251	TCH EB & EB RAMP LK. LOUISE INTERCH.	BNP	6	\$	\$
4.1.5	10107300	0.7 KM W 1 & LAKE LOUISE DR	BNP	6	\$	\$
4.1.6	10200401	4.3 KM N OF 1 & 93 LAKE LOUISE	BNP	6	\$	\$
4.1.7	10201501	2.0 KM N HWY 93 & BOW LAKE RD	BNP	6	\$	\$
4.1.8	10212101	0.3 KM S OF BANFF - JASPER BORDER	BNP	6	\$	\$
4.1.9	10300701	6.1 KM S OF 1 & 93 LAKE LOUISE	BNP	6	\$	\$
4.1.10	10400100	0.6 KM W OF 1 & BOW VAL PARKWAY <sup>3</sup>	BNP	6	\$	\$
4.1.11	10400600	4.1 KM E OF JOHNSON CANYON CAMPGROUND	BNP	6	\$	\$
4.1.12	10404701	1.6 KM E OF WHITEHORN RD & BOW VAL PARKWAY	BNP	6	\$	\$
4.1.13	11000071	0.4 KM N 1 & MINNEWANKA RD	BNP	6	\$	\$
4.1.14	11100002	2.1 KM E LAKE LOUISE DR & MORAINÉ LAKE RD <sup>1,2</sup>	BNP	3	\$	\$
4.1.15	11300010	0.3 KM N 1 & MT NORQUAY SCENIC DR	BNP	6	\$	\$
4.1.16	11300030	0.3 KM S OF MT NORQUAY SKI AREA PARKING LOT <sup>1,2</sup>	BNP	6	\$	\$
4.1.17	11700002	SUNSHINE RD	BNP	6	\$	\$
4.1.18	11700010	GOLF COURSE RD	BNP	6	\$	\$

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4.1.19	11800100	0.1 KM S 1 & LAKE LOUISE DR	BNP	6	\$	\$
4.1.20	11800201	2.2 KM S 1 & LAKE LOUISE DR <sup>1,2</sup>	BNP	6	\$	\$
4.1.21	11800302	3.6 KM S 1 & LAKE LOUISE DR <sup>1,2</sup>	BNP	3	\$	\$
4.1.22	12000101	1.2 KM N BOW VAL PARKWAY & WHITEHORN ROAD	BNP	6	\$	\$
4.1.23	14000101	1.2 KM S MOUNTAIN AVE & UPPER HOT SPRINGS RD	BNP	6	\$	\$
4.1.24	20100201	1.7 KM N OF 16 & PARKWAY (SOUTH GATE) <sup>1,9, 10</sup>	EINP	0	\$	\$
4.1.25	20102001	0.1 KM N OF PARK BOUNDARY (NORTH GATE) <sup>1,9, 10</sup>	EINP	0	\$	\$
4.1.26	20300001	4.4 KM W OF PARKWAY (WEST GATE) <sup>1,9, 10</sup>	EINP	0	\$	\$
4.1.27	30103509	14.0 KM E OF 16 & E JASPER TOWNSITE	JNP	6	\$	\$
4.1.28	30107201	19.1 KM W OF 16 & 93 W JASPER TOWNSITE <sup>9 10</sup>	JNP	0	\$	\$
4.1.29	30215001	5.4 KM S 16 & 93 JASPER	JNP	6	\$	\$
4.1.30	30216001	1.1 KM S JONAS CREEK CAMPGROUND	JNP	6	\$	\$
4.1.31	30700001	0.43 KM S of HWY 16 & Maligne Lake Rd <sup>10</sup>	JNP	0	\$	\$
4.1.32	30700809	8.2 KM S of HWY 16 & Maligne Lake Rd <sup>10</sup>	JNP	0	\$	\$
4.1.33	30900000	0.2 KM W HWY of 93N & Edith Cavell Rd <sup>10</sup>	JNP	0	\$	\$
4.1.34	40309000	3.0 KM N OF SETTLERS RD	KNP	6	\$	\$
4.1.35	40310601	0.3 KM S OF KOOTENAY PARK GATES <sup>9 10</sup>	KNP	0	\$	\$
4.1.36	50010040	1.4 KM W OF 1 & 93 CASTLE JUNCTION	BNP	6	\$	\$
4.1.37	50010050	1.6 KM W OF BANFF PARK GATES <sup>9 10</sup>	BNP	0	\$	\$
4.1.38	50010080	0.6 KM E OF FIELD	YNP	6	\$	\$
4.1.39	50010090	0.25 KM W OF FIELD ENTRANCE <sup>9 10</sup>	YNP	0	\$	\$
4.1.40	50010450	1.2 KM E OF CASTLE JCT	BNP	6	\$	\$
4.1.41	50100301	3.0 KM W OF 1 & GLACIER PARK BOUNDARY	GNP	6	\$	\$
4.1.42	50102407	0.7 KM W OF 1 & ROGERS PASS CENTRE <sup>9 10</sup>	GNP	0	\$	\$

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4.1.43	50110250	2.3 KM E OF BANFF PARK GATES <sup>9 10</sup>	BNP	0	\$	\$
4.1.44	50160210	EAST JASPER PARK GATES <sup>9 10</sup>	JNP	0	\$	\$
4.1.45	70300800	7.0 KM W OF 5 & RED ROCK PARKWAY <sup>1, 10</sup>	WLNP	0	\$	\$
4.1.46	70400100	0.9 KM W OF 5 & AKAMINA PARKWAY <sup>1, 10</sup>	WLNP	0	\$	\$
4.1.47	70800102	0.7km S of HWY 5 & 6 at Gate <sup>1,9, 10</sup>	WLNP	0	\$	\$
4.1.48	80108501	ALTA-BC BORDER	YNP	6	\$	\$
<b>S</b>	<b>Combined Estimated Total Firm Unit Price(s) Data Retrieval and Maintenance (excluding applicable tax)</b>					<b>\$</b>

<sup>1</sup> Operates as an hourly cellular retrieval site

<sup>2</sup> Site operates as a cellular site only between the months of June and November inclusive

<sup>3</sup> Site collects extra "Timestamp" data

<sup>9</sup> Operates as a priority monthly ATR site

<sup>10</sup> Sites are cellular downloaded, but still require maintenance

#### 4.2 Firm Unit Price(s) for Required Services – Cellular Data Retrieval and Maintenance

In consideration of the Contractor completing all of its obligations under the Contract, the Contractor will be paid firm unit price(s) in Canadian funds for **all costs**, including but not limited to all professional, technical, and administrative fees and costs as required to fulfill the requirements of *Annex A – Statement of Work* as defined.

Charges related to cellular data plans, cellular data retrieval, processing and updating hourly reports and distribution of email alerts from specific ATRs marked as cellular must be included in the price per site visit.

Item No.	ATR ID	Site Location Description	Park	Site Visits (SV)	Price Per Site Visit (PPSV)	Extended Total(s) (SV x PPSV)
4.2.1	11100002	2.1 KM E LAKE LOUISE DR & MORAINÉ LAKE RD <sup>1,2</sup>	BNP	3	\$	\$
4.2.2	11300030	0.3 KM N 1 & MT NORQUAY SCENIC DR <sup>1</sup>	BNP	6	\$	\$
4.2.3	11800201	2.2 KM S 1 & LAKE LOUISE DR <sup>1,2,4</sup>	BNP	3	\$	\$
4.2.4	11800302	3.6 KM S 1 & LAKE LOUISE DR <sup>1,2</sup>	BNP	3	\$	\$
4.2.5	20100201	1.7 KM N OF 16 & PARKWAY (SOUTH GATE) <sup>1,9</sup>	EINP	12	\$	\$
4.2.6	20102001	0.1 KM N OF PARK BOUNDARY (NORTH GATE) <sup>1,9</sup>	EINP	12	\$	\$
4.2.7	20300001	4.4 KM W OF PARKWAY (WEST GATE) <sup>1,9</sup>	EINP	12	\$	\$



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4.2.8	30107201	19.1 KM W OF 16 & 93 W JASPER TOWNSITE <sup>9</sup>	JNP	12	\$	\$
4.2.9	30700001	0.43 KM S of HWY 16 & Maligne Lake Rd	JNP	6	\$	\$
4.2.10	30700809	8.2 KM S of HWY 16 & Maligne Lake Rd	JNP	6	\$	\$
4.2.11	30900000	0.2 KM W HWY of 93N & Edith Cavell Rd	JNP	6	\$	\$
4.2.12	40310601	0.3 KM S OF KOOTENAY PARK GATES <sup>9</sup>	KNP	12	\$	\$
4.2.13	50010050	1.6 KM W OF BANFF PARK GATES <sup>9</sup>	BNP	12	\$	\$
4.2.14	50010090	0.25 KM W OF FIELD ENTRANCE <sup>9</sup>	YNP	12	\$	\$
4.2.15	50102407	0.7 KM W OF 1 & ROGERS PASS CENTRE <sup>9</sup>	GNP	12	\$	\$
4.2.16	50110250	2.3 KM E OF BANFF PARK GATES <sup>9</sup>	BNP	12	\$	\$
4.2.17	50160210	EAST JASPER PARK GATES <sup>9</sup>	JNP	12	\$	\$
4.2.18	12000101	1.2 KM N BOW VAL PARKWAY & WHITEHORN ROAD <sup>1</sup>	BNP	12	\$	\$
4.2.19	70300800	7.0 KM W OF 5 & RED ROCK PARKWAY <sup>1</sup>	WLNP	12	\$	\$
4.2.20	70400100	0.9 KM W OF 5 & AKAMINA PARKWAY <sup>1</sup>	WLNP	12	\$	\$
4.2.21	70800102	0.7km S of HWY 5 & 6 at Gate <sup>1,9</sup>	WLNP	12	\$	\$
<b>T</b>	<b>Combined Estimated Total Firm Unit Price(s) Cellular Data Retrieval (excluding applicable tax)</b>					<b>\$</b>

<sup>1</sup> Operates as an hourly cellular retrieval site

<sup>2</sup> Site operates as a cellular site only between the months of June and November inclusive

<sup>4</sup> Site operates as a physical download (non-cellular) site between the months of December and May inclusive

<sup>9</sup> Operates as a priority monthly ATR site

### 4.3 Firm Unit Price(s) for Required Services – Reports

In consideration of the Contractor completing all of its obligations under the Contract, the Contractor will be paid firm unit price(s) in Canadian funds for all costs, including but not limited to all professional, technical, and administrative fees and costs as required to fulfill the requirements of *Annex A – Statement of Work* as defined.

Refer to section 4.4.5 for missing data policy. Sections 4.4.6 and 4.4.7 detail specifications for Volumetric reports. Sections 4.4.8 and 4.4.9 detail specifications for Speed and Class reports. All ATRs will have Volumetric reports produced and only Classifiers require Speed and Class reports. Refer to Appendix A.1 for list of site types.

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Item No.	Report Type	Reports (R)	Price Per Report (PPR)	Extended Total(s) (R x PPR)
4.3.1	Bi-monthly (1 per site visit) Volumetric Reports for 37 ATRs <sup>5</sup>	216	\$	\$
4.3.2	Bi-monthly (1 per site visit) Speed and Class Reports for 16 ATRs	90	\$	\$
4.3.3	Monthly (1 per site visit) Volumetric Reports for 11 Priority ATRs	132	\$	\$
4.3.4	Estimated Monthly Average Daily Traffic Calculation (MADT) report if a Priority Monthly ATR location is not accessible	12	\$	\$
<b>U</b>	<b>Combined Estimated Total Firm Unit Price(s) Reports</b> (excluding applicable tax)			<b>\$</b>

<sup>5</sup> Of the 48 ATR network, two classifier ATRs are inactive for three reporting periods, 11 are Priority ATRs which are reported monthly.

#### 4.4 Firm Unit Price(s) for Required Services – Seasonal Site Activation and Deactivation

In consideration of the Contractor completing all of its obligations under the Contract, the Contractor will be paid firm unit price(s) in Canadian funds for all costs, including but not limited to all professional, technical, and administrative fees and costs as required to fulfill the requirements of *Annex A – Statement of Work* as defined.

Charges related to activation of sites that are used to collect seasonal data must be included in the activation price. Activation charges must include site testing, hardware installation, activation of cellular data plans, and activation of hourly monitoring, reporting and email notification. Charges related to deactivation of sites during off-season periods must be included in the deactivation price. Deactivation charges must include securing site for off-season, hardware removal, deactivation of cellular data plans, and deactivation of hourly monitoring, reporting and email notification. Unless otherwise noted, site activations and deactivations must align with the bi-monthly data retrieval schedule as outlined in section 4.3.5. Site activation occurs in June and deactivation occurs in November. Charges for November Site Visits are accounted for in Table 4.1.

Item No.	ATR ID	Site Location Description	Park	Activation Price (AP)	Deactivation Price (DP)	Extended Total(s) (AP + DP)
4.4.1	11100002	2.1 KM E LAKE LOUISE DR & MORAINÉ LAKE RD <sup>6,8</sup>	BNP	\$	\$	\$
4.4.2	11800201	2.2 KM S 1 & LAKE LOUISE DR <sup>7</sup>	BNP	\$	\$	\$
4.4.3	11800302	3.6 KM S 1 & LAKE LOUISE DR <sup>6</sup>	BNP	\$	\$	\$
<b>V</b>	<b>Combined Estimated Total Firm Unit Price(s) Seasonal Site Activation and Deactivation</b> (excluding applicable tax)					<b>\$</b>

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<sup>6</sup> Site activation/deactivation includes installation/removal of ATR and activation/deactivation of cellular capabilities to supply hourly data over a cellular data network

<sup>7</sup> Site is active year-round as a physical download site. Only cellular capability activation and deactivation is required to supply hourly data over a cellular data network

<sup>8</sup> Site 11100002 is inaccessible by contractor for deactivation as road is closed to traffic during off-season. Park staff will remove ATR hardware and deactivate as instructed by contractor. All ATR hardware removed from cabinet will be transferred to contractor in a mutually agreed upon manner.

#### 4.5 Firm Unit Price(s) for As and When Requested Services

In consideration of the Contractor completing all of its obligations under the Contract, the Contractor will be paid firm unit price(s) in Canadian funds for all costs, including but not limited to all professional, technical, and administrative fees and costs as required to fulfill the requirements of *Annex A – Statement of Work* as defined.

Item No.	Item Description	Quantity (Q)	Unit Price (UP)	Extended Total(s) (Q x UP)
4.5.1	One loop site installation (see section 4.6)	1	\$	\$
4.5.2	Two loop site installation (see section 4.6)	1	\$	\$
4.5.3	Four loop site installation (see section 4.6)	1	\$	\$
4.5.4	Supply and install One Golden River M680 Classifier	2	\$	\$
4.5.5	Upgrade of ATR Site to allow for cellular retrieval	1	\$	\$
4.5.6	Manual intersection count and reporting	15	\$	\$
W	<b>Combined Estimated Total Firm Unit Price(s) As and When Requested Work (excluding applicable tax)</b>			\$

#### 4.6 Estimated Total Combined Evaluated Option Year Three (3) Price

The total bid evaluated Contract Year price is the sum of Tables S through W.

X	<b>ESTIMATED TOTAL COMBINED <u>EVALUATED</u> OPTION YEAR THREE (3) PRICE (S + T + U + V + W) (excluding applicable tax)</b>	\$
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**5. Option Year Four (4) – April 01, 2028 to March 31, 2029 inclusive**

**5.1 Firm Unit Price(s) for Required Services – Physical Data Retrieval and Maintenance**

In consideration of the Contractor completing all of its obligations under the Contract, the Contractor will be paid firm unit price(s) in Canadian funds for all costs, including but not limited to all professional, technical, and administrative fees and costs as required to fulfill the requirements of Annex A – Statement of Work as defined.

Charges related to travelling to, operating, and data retrieval from the ATRs must be included in the price per site visit. Do not include charges related to cellular data plans, cellular data retrieval, hourly reporting or email alerts.

Item No.	ATR ID	Site Location Description	Park	Site Visits (SV)	Price Per Site Visit (PPSV)	Extended Total(s) (SV x PPSV)
5.1.1	10100300	2.5KM E OF MINNEWANKA	BNP	6	\$	\$
5.1.2	10100500	0.7 KM E OF NORQUA	BNP	6	\$	\$
5.1.3	10107211	TCH WB & WB RAMP LK. LOUISE INTERCH.	BNP	6	\$	\$
5.1.4	10107251	TCH EB & EB RAMP LK. LOUISE INTERCH.	BNP	6	\$	\$
5.1.5	10107300	0.7 KM W 1 & LAKE LOUISE DR	BNP	6	\$	\$
5.1.6	10200401	4.3 KM N OF 1 & 93 LAKE LOUISE	BNP	6	\$	\$
5.1.7	10201501	2.0 KM N HWY 93 & BOW LAKE RD	BNP	6	\$	\$
5.1.8	10212101	0.3 KM S OF BANFF - JASPER BORDER	BNP	6	\$	\$
5.1.9	10300701	6.1 KM S OF 1 & 93 LAKE LOUISE	BNP	6	\$	\$
5.1.10	10400100	0.6 KM W OF 1 & BOW VAL PARKWAY <sup>3</sup>	BNP	6	\$	\$
5.1.11	10400600	4.1 KM E OF JOHNSON CANYON CAMPGROUND	BNP	6	\$	\$
5.1.12	10404701	1.6 KM E OF WHITEHORN RD & BOW VAL PARKWAY	BNP	6	\$	\$
5.1.13	11000071	0.4 KM N 1 & MINNEWANKA RD	BNP	6	\$	\$
5.1.14	11100002	2.1 KM E LAKE LOUISE DR & MORaine LAKE RD <sup>1,2</sup>	BNP	3	\$	\$
5.1.15	11300010	0.3 KM N 1 & MT NORQUAY SCENIC DR	BNP	6	\$	\$
5.1.16	11300030	0.3 KM S OF MT NORQUAY SKI AREA PARKING LOT <sup>1,2</sup>	BNP	6	\$	\$
5.1.17	11700002	SUNSHINE RD	BNP	6	\$	\$
5.1.18	11700010	GOLF COURSE RD	BNP	6	\$	\$

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5.1.19	11800100	0.1 KM S 1 & LAKE LOUISE DR	BNP	6	\$	\$
5.1.20	11800201	2.2 KM S 1 & LAKE LOUISE DR <sup>1,2</sup>	BNP	6	\$	\$
5.1.21	11800302	3.6 KM S 1 & LAKE LOUISE DR <sup>1,2</sup>	BNP	3	\$	\$
5.1.22	12000101	1.2 KM N BOW VAL PARKWAY & WHITEHORN ROAD	BNP	6	\$	\$
5.1.23	14000101	1.2 KM S MOUNTAIN AVE & UPPER HOT SPRINGS RD	BNP	6	\$	\$
5.1.24	20100201	1.7 KM N OF 16 & PARKWAY (SOUTH GATE) <sup>1,9, 10</sup>	EINP	0	\$	\$
5.1.25	20102001	0.1 KM N OF PARK BOUNDARY (NORTH GATE) <sup>1,9, 10</sup>	EINP	0	\$	\$
5.1.26	20300001	4.4 KM W OF PARKWAY (WEST GATE) <sup>1,9, 10</sup>	EINP	0	\$	\$
5.1.27	30103509	14.0 KM E OF 16 & E JASPER TOWNSITE	JNP	6	\$	\$
5.1.28	30107201	19.1 KM W OF 16 & 93 W JASPER TOWNSITE <sup>9 10</sup>	JNP	0	\$	\$
5.1.29	30215001	5.4 KM S 16 & 93 JASPER	JNP	6	\$	\$
5.1.30	30216001	1.1 KM S JONAS CREEK CAMPGROUND	JNP	6	\$	\$
5.1.31	30700001	0.43 KM S of HWY 16 & Maligne Lake Rd <sup>10</sup>	JNP	0	\$	\$
5.1.32	30700809	8.2 KM S of HWY 16 & Maligne Lake Rd <sup>10</sup>	JNP	0	\$	\$
5.1.33	30900000	0.2 KM W HWY of 93N & Edith Cavell Rd <sup>10</sup>	JNP	0	\$	\$
5.1.34	40309000	3.0 KM N OF SETTLERS RD	KNP	6	\$	\$
5.1.35	40310601	0.3 KM S OF KOOTENAY PARK GATES <sup>9 10</sup>	KNP	0	\$	\$
5.1.36	50010040	1.4 KM W OF 1 & 93 CASTLE JUNCTION	BNP	6	\$	\$
5.1.37	50010050	1.6 KM W OF BANFF PARK GATES <sup>9 10</sup>	BNP	0	\$	\$
5.1.38	50010080	0.6 KM E OF FIELD	YNP	6	\$	\$
5.1.39	50010090	0.25 KM W OF FIELD ENTRANCE <sup>9 10</sup>	YNP	0	\$	\$
5.1.40	50010450	1.2 KM E OF CASTLE JCT	BNP	6	\$	\$
5.1.41	50100301	3.0 KM W OF 1 & GLACIER PARK BOUNDARY	GNP	6	\$	\$
5.1.42	50102407	0.7 KM W OF 1 & ROGERS PASS CENTRE <sup>9 10</sup>	GNP	0	\$	\$

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5.1.43	50110250	2.3 KM E OF BANFF PARK GATES <sup>9 10</sup>	BNP	0	\$	\$
5.1.44	50160210	EAST JASPER PARK GATES <sup>9 10</sup>	JNP	0	\$	\$
5.1.45	70300800	7.0 KM W OF 5 & RED ROCK PARKWAY <sup>1, 10</sup>	WLNP	0	\$	\$
5.1.46	70400100	0.9 KM W OF 5 & AKAMINA PARKWAY <sup>1, 10</sup>	WLNP	0	\$	\$
5.1.47	70800102	0.7km S of HWY 5 & 6 at Gate <sup>1,9, 10</sup>	WLNP	0	\$	\$
5.1.48	80108501	ALTA-BC BORDER	YNP	6	\$	\$
Y	<b>Combined Estimated Total Firm Unit Price(s) Data Retrieval and Maintenance (excluding applicable tax)</b>					<b>\$</b>

<sup>1</sup> Operates as an hourly cellular retrieval site

<sup>2</sup> Site operates as a cellular site only between the months of June and November inclusive

<sup>3</sup> Site collects extra "Timestamp" data

<sup>9</sup> Operates as a priority monthly ATR site

<sup>10</sup> Sites are cellular downloaded, but still require maintenance

## 5.2 Firm Unit Price(s) for Required Services – Cellular Data Retrieval and Maintenance

In consideration of the Contractor completing all of its obligations under the Contract, the Contractor will be paid firm unit price(s) in Canadian funds for **all costs**, including but not limited to all professional, technical, and administrative fees and costs as required to fulfill the requirements of *Annex A – Statement of Work* as defined.

Charges related to cellular data plans, cellular data retrieval, processing and updating hourly reports and distribution of email alerts from specific ATRs marked as cellular must be included in the price per site visit.

Item No.	ATR ID	Site Location Description	Park	Site Visits (SV)	Price Per Site Visit (PPSV)	Extended Total(s) (SV x PPSV)
5.2.1	11100002	2.1 KM E LAKE LOUISE DR & MORAINÉ LAKE RD <sup>1,2</sup>	BNP	3	\$	\$
5.2.2	11300030	0.3 KM N 1 & MT NORQUAY SCENIC DR <sup>1</sup>	BNP	6	\$	\$
5.2.3	11800201	2.2 KM S 1 & LAKE LOUISE DR <sup>1,2,4</sup>	BNP	3	\$	\$
5.2.4	11800302	3.6 KM S 1 & LAKE LOUISE DR <sup>1,2</sup>	BNP	3	\$	\$
5.2.5	20100201	1.7 KM N OF 16 & PARKWAY (SOUTH GATE) <sup>1,9</sup>	EINP	12	\$	\$
5.2.6	20102001	0.1 KM N OF PARK BOUNDARY (NORTH GATE) <sup>1,9</sup>	EINP	12	\$	\$
5.2.7	20300001	4.4 KM W OF PARKWAY (WEST GATE) <sup>1,9</sup>	EINP	12	\$	\$

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5.2.8	30107201	19.1 KM W OF 16 & 93 W JASPER TOWNSITE <sup>9</sup>	JNP	12	\$	\$
5.2.9	30700001	0.43 KM S of HWY 16 & Maligne Lake Rd	JNP	6	\$	\$
5.2.10	30700809	8.2 KM S of HWY 16 & Maligne Lake Rd	JNP	6	\$	\$
5.2.11	30900000	0.2 KM W HWY of 93N & Edith Cavell Rd	JNP	6	\$	\$
5.2.12	40310601	0.3 KM S OF KOOTENAY PARK GATES <sup>9</sup>	KNP	12	\$	\$
5.2.13	50010050	1.6 KM W OF BANFF PARK GATES <sup>9</sup>	BNP	12	\$	\$
5.2.14	50010090	0.25 KM W OF FIELD ENTRANCE <sup>9</sup>	YNP	12	\$	\$
5.2.15	50102407	0.7 KM W OF 1 & ROGERS PASS CENTRE <sup>9</sup>	GNP	12	\$	\$
5.2.16	50110250	2.3 KM E OF BANFF PARK GATES <sup>9</sup>	BNP	12	\$	\$
5.2.17	50160210	EAST JASPER PARK GATES <sup>9</sup>	JNP	12	\$	\$
5.2.18	12000101	1.2 KM N BOW VAL PARKWAY & WHITEHORN ROAD <sup>1</sup>	BNP	12	\$	\$
5.2.19	70300800	7.0 KM W OF 5 & RED ROCK PARKWAY <sup>1</sup>	WLNP	12	\$	\$
5.2.20	70400100	0.9 KM W OF 5 & AKAMINA PARKWAY <sup>1</sup>	WLNP	12	\$	\$
5.2.21	70800102	0.7km S of HWY 5 & 6 at Gate <sup>1,9</sup>	WLNP	12	\$	\$
Z	<b>Combined Estimated Total Firm Unit Price(s) Cellular Data Retrieval (excluding applicable tax)</b>					<b>\$</b>

<sup>1</sup> Operates as an hourly cellular retrieval site

<sup>2</sup> Site operates as a cellular site only between the months of June and November inclusive

<sup>4</sup> Site operates as a physical download (non-cellular) site between the months of December and May inclusive

<sup>9</sup> Operates as a priority monthly ATR site

### 5.3 Firm Unit Price(s) for Required Services – Reports

In consideration of the Contractor completing all of its obligations under the Contract, the Contractor will be paid firm unit price(s) in Canadian funds for all costs, including but not limited to all professional, technical, and administrative fees and costs as required to fulfill the requirements of *Annex A – Statement of Work* as defined.

Refer to section 4.4.5 for missing data policy. Sections 4.4.6 and 4.4.7 detail specifications for Volumetric reports. Sections 4.4.8 and 4.4.9 detail specifications for Speed and Class reports. All ATRs will have Volumetric reports produced and only Classifiers require Speed and Class reports. Refer to Appendix A.1 for list of site types.

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Item No.	Report Type	Reports (R)	Price Per Report (PPR)	Extended Total(s) (R x PPR)
5.3.1	Bi-monthly (1 per site visit) Volumetric Reports for 37 ATRs <sup>5</sup>	216	\$	\$
5.3.2	Bi-monthly (1 per site visit) Speed and Class Reports for 16 ATRs	90	\$	\$
5.3.3	Monthly (1 per site visit) Volumetric Reports for 11 Priority ATRs	132	\$	\$
5.3.4	Estimated Monthly Average Daily Traffic Calculation (MADT) report if a Priority Monthly ATR location is not accessible	12	\$	\$
AA	<b>Combined Estimated Total Firm Unit Price(s) Reports</b> (excluding applicable tax)			\$

<sup>5</sup> Of the 48 ATR network, two classifier ATRs are inactive for three reporting periods, 11 are Priority ATRs which are reported monthly.

#### 5.4 Firm Unit Price(s) for Required Services – Seasonal Site Activation and Deactivation

In consideration of the Contractor completing all of its obligations under the Contract, the Contractor will be paid firm unit price(s) in Canadian funds for all costs, including but not limited to all professional, technical, and administrative fees and costs as required to fulfill the requirements of *Annex A – Statement of Work* as defined.

Charges related to activation of sites that are used to collect seasonal data must be included in the activation price. Activation charges must include site testing, hardware installation, activation of cellular data plans, and activation of hourly monitoring, reporting and email notification. Charges related to deactivation of sites during off-season periods must be included in the deactivation price. Deactivation charges must include securing site for off-season, hardware removal, deactivation of cellular data plans, and deactivation of hourly monitoring, reporting and email notification. Unless otherwise noted, site activations and deactivations must align with the bi-monthly data retrieval schedule as outlined in section 4.3.5. Site activation occurs in June and deactivation occurs in November. Charges for November Site Visits are accounted for in Table 5.1.

Item No.	ATR ID	Site Location Description	Park	Activation Price (AP)	Deactivation Price (DP)	Extended Total(s) (AP + DP)
5.4.1	11100002	2.1 KM E LAKE LOUISE DR & MORAINÉ LAKE RD <sup>6,8</sup>	BNP	\$	\$	\$
5.4.2	11800201	2.2 KM S 1 & LAKE LOUISE DR <sup>7</sup>	BNP	\$	\$	\$
5.4.3	11800302	3.6 KM S 1 & LAKE LOUISE DR <sup>6</sup>	BNP	\$	\$	\$
BB	<b>Combined Estimated Total Firm Unit Price(s) Seasonal Site Activation and Deactivation</b> (excluding applicable tax)					\$



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<sup>6</sup> Site activation/deactivation includes installation/removal of ATR and activation/deactivation of cellular capabilities to supply hourly data over a cellular data network

<sup>7</sup> Site is active year-round as a physical download site. Only cellular capability activation and deactivation is required to supply hourly data over a cellular data network

<sup>8</sup> Site 11100002 is inaccessible by contractor for deactivation as road is closed to traffic during off-season. Park staff will remove ATR hardware and deactivate as instructed by contractor. All ATR hardware removed from cabinet will be transferred to contractor in a mutually agreed upon manner.

### 5.5 Firm Unit Price(s) for As and When Requested Services

In consideration of the Contractor completing all of its obligations under the Contract, the Contractor will be paid firm unit price(s) in Canadian funds for all costs, including but not limited to all professional, technical, and administrative fees and costs as required to fulfill the requirements of *Annex A – Statement of Work* as defined.

Item No.	Item Description	Quantity (Q)	Unit Price (UP)	Extended Total(s) (Q x UP)
5.5.1	One loop site installation (see section 4.6)	1	\$	\$
5.5.2	Two loop site installation (see section 4.6)	1	\$	\$
5.5.3	Four loop site installation (see section 4.6)	1	\$	\$
5.5.4	Supply and install One Golden River M680 Classifier	2	\$	\$
5.5.5	Upgrade of ATR Site to allow for cellular retrieval	1	\$	\$
5.5.6	Manual intersection count and reporting	15	\$	\$
CC	<b>Combined Estimated Total Firm Unit Price(s) As and When Requested Work (excluding applicable tax)</b>			<b>\$</b>

### 5.6 Estimated Total Combined Evaluated Option Year Four (4) Price

The total bid evaluated Contract Year price is the sum of Tables Y through CC.

DD	<b>ESTIMATED TOTAL COMBINED <u>EVALUATED</u> OPTION YEAR FOUR (4) PRICE (Y + Z + AA + BB + CC) (excluding applicable tax)</b>	<b>\$</b>
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**6. Estimated Total Combined Evaluated Bid Price**

The total bid evaluated bid price is the sum of Tables F, L, R, X and DD.

<b>ESTIMATED TOTAL COMBINED <u>EVALUATED</u> BID PRICE (F + L + R + X + DD) (excluding applicable tax)</b>	<b>\$</b>
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**Notes:**

- (a) Unidentified costs will not be allowable under the Contract unless there is a change to the work requirements and addressed by a contract amendment issued by the Contracting Authority;
- (b) Additional payment terms and conditions will not apply to the contract; and
- (c) Customs duties are included and Applicable Taxes are extra.

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## **ANNEX C**

### **INSURANCE REQUIREMENTS**

#### **1.0 Commercial General Liability Insurance**

- 1.1 The Contractor must obtain Commercial General Liability Insurance, and maintain it in force throughout the duration of the Contract, in an amount usual for a contract of this nature, but for not less than \$2,000,000 per accident or occurrence and in the annual aggregate.
- 1.2 The Commercial General Liability policy must include the following:
- a. Additional Insured: Canada is added as an additional insured, but only with respect to liability arising out of the Contractor's performance of the Contract. The interest of Canada should read as follows: Canada, as represented by Parks Canada Agency.
  - b. Bodily Injury and Property Damage to third parties arising out of the operations of the Contractor.
  - c. Products and Completed Operations: Coverage for bodily injury or property damage arising out of goods or products manufactured, sold, handled, or distributed by the Contractor and/or arising out of operations that have been completed by the Contractor.
  - d. Personal Injury: While not limited to, the coverage must include Violation of Privacy, Libel and Slander, False Arrest, Detention or Imprisonment and Defamation of Character.
  - e. Cross Liability/Separation of Insureds: Without increasing the limit of liability, the policy must protect all insured parties to the full extent of coverage provided. Further, the policy must apply to each Insured in the same manner and to the same extent as if a separate policy had been issued to each.
  - f. Blanket Contractual Liability: The policy must, on a blanket basis or by specific reference to the Contract, extend to assumed liabilities with respect to contractual provisions.
  - g. Employees and, if applicable, Volunteers must be included as Additional Insured.
  - h. Employers' Liability (or confirmation that all employees are covered by Worker's compensation (WSIB) or similar program)
  - i. Broad Form Property Damage including Completed Operations: Expands the Property Damage coverage to include certain losses that would otherwise be excluded by the standard care, custody or control exclusion found in a standard policy.
  - j. Notice of Cancellation: The Contractor will provide the Contracting Authority thirty (30) days prior written notice of policy cancellation or any changes to the insurance policy.
  - k. If the policy is written on a claims-made basis, coverage must be in place for a period of at least 12 months after the completion or termination of the Contract.

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- I. Owners' or Contractors' Protective Liability: Covers the damages that the Contractor becomes legally obligated to pay arising out of the operations of a subcontractor.
- m. Non-Owned Automobile Liability - Coverage for suits against the Contractor resulting from the use of hired or non-owned vehicles.

## **2.0 Automobile Liability Insurance**

- 2.1 The Contractor must obtain Automobile Liability Insurance, and maintain it in force throughout the duration of the Contract, in an amount usual for a contract of this nature, but for not less than \$2,000,000 per accident or occurrence.
- 2.2 The policy must include the following:
  - a. Third Party Liability - \$2,000,000 Minimum Limit per Accident or Occurrence
  - b. Accident Benefits - all jurisdictional statutes
  - c. Uninsured Motorist Protection
  - d. Notice of Cancellation: The Contractor will provide the Contracting Authority thirty (30) days prior written notice of policy cancellation or any changes to the insurance policy.

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**ANNEX D**

**ATTESTATION AND PROOF OF COMPLIANCE WITH OCCUPATIONAL HEALTH AND SAFETY (OHS)**

\*\*\* to be completed after contract award \*\*\*

The following form must be completed and signed prior to commencing work on Parks Canada Sites.

Submission of this completed form, satisfactory to Parks Canada, is a condition of gaining access to the work place.

Parks Canada recognizes that federal OHS legislation places certain specific responsibilities upon Parks Canada as owner of the work place. In order to meet those responsibilities, Parks Canada is implementing a contractor safety regime that will ensure that roles and responsibilities assigned under Part II of the Canada Labour Code and the Canada Occupational Health and Safety Regulations are implemented and observed when involving contractor(s) to undertake works in Parks Canada work places.

<b>Parks Canada Responsible Authority/Project Lead</b>	<b>Address</b>	<b>Contact Information</b>
<b>Project Manager</b>		
<b>Prime Contractor</b>		
<b>Subcontractor(s)</b> (add additional fields as required)		

<b>Location of Work</b>
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<b>General Description of Work to be Completed</b>
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**Mark “Yes” where applicable.**

	A meeting has been held to discuss hazards and access to the work place and all known and foreseeable hazards have been identified to the contractor and/or subcontractor(s)
	The contractor and/or its subcontractor(s) will comply with all federal and provincial/territorial legislation and Parks Canada's policies and procedures, regarding occupational health and safety.
	The contractor and/or its subcontractor(s) will provide all prescribed safety materials, equipment, devices and clothing.
	The contractor and/or its subcontractor(s) will ensure that its employees are familiar with and use all prescribed safety materials, equipment, devices and clothing at all times.
	The contractor and/or its subcontractor(s) will ensure that its activities do not endanger the health and safety of Parks Canada employees.
	The contractor and/or its subcontractor(s) has inspected the site and has carried out a hazard assessment and has put in place a health and safety plan and informed its employees accordingly, prior to the commencement of the work.
	Where a contractor and/or its subcontractor(s) will be storing, handling or using hazardous substances in the work place, it will place warning signs at access points warning persons of the presence of the substances and any precautions to be taken to prevent or reduce any hazard of injury or death.
	The contractor and/or its subcontractor(s) will ensure that its employees are instructed in respect of any emergency procedures applicable to the site.

I, \_\_\_\_\_ (*contractor*), certify that I have read, understood and attest that my firm, employees and all sub-contractors will comply with the requirements set out in this document and the terms and conditions of the contract.

**Name:** \_\_\_\_\_

**Signature:** \_\_\_\_\_

**Date:** \_\_\_\_\_

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## ANNEX E TO PART 5 OF THE BID SOLICITATION

### LIST OF NAMES FOR INTEGRITY VERIFICATION FORM

**\*\*TO BE COMPLETED BY THE BIDDER\*\***

#### Requirements

Section 17 of the [Ineligibility and Suspension Policy](#) (the Policy) requires suppliers, regardless of their status under the Policy, to submit a list of names when participating in a procurement process. The required list differs depending on the Bidder's or Offeror's organizational structure:

- Suppliers including those bidding as joint ventures, whether incorporated or not, must provide a complete list of the names of all current directors.
- Privately owned corporations must provide a list of the owners' names.
- Suppliers bidding as sole proprietors, including sole proprietors bidding as joint ventures, whether incorporated or not, must provide a complete list of the names of all owners.
- Suppliers that are a partnership do not need to provide a list of names.

Suppliers may use this form to provide the required list of names with their bid or offer submission. Failure to submit this information with a bid or offer, where required, will render a bid or offer non-responsive, or the supplier otherwise disqualified for award of a contract or real property agreement. Please refer to [Information Bulletin: Required information to submit a bid or offer](#) for additional details.

#### Supplier Information

<b>Supplier's Legal Name:</b>		
<b>Organizational Structure:</b> ( ) Corporate Entity ( ) Privately Owned Corporation ( ) Sole Proprietor ( ) Partnership		
<b>Supplier's Legal Address:</b>		
<b>City:</b>	<b>Province / Territory:</b>	<b>Postal Code:</b>
<b>Supplier's Procurement Business Number (optional):</b>		

#### List of Names

Name	Title

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**Declaration**

I, \_\_\_\_\_, **(name)**  
\_\_\_\_\_, **(position)** of

\_\_\_\_\_, **(supplier's name)** declare that the information provided in this Form is, to the best of my knowledge and belief, true, accurate and complete. I am aware that failing to provide the list of names will render a bid or offer non-responsive, or I will be otherwise disqualified for award of a contract or real property agreement. I am aware that during the bid or offer evaluation stage, I must, within 10 working days, inform the Contracting Authority in writing of any changes affecting the list of names submitted. I am also aware that after contract award I must inform the Registrar of Ineligibility and Suspension within 10 working days of any changes to the list of names submitted.

**Signature:** \_\_\_\_\_

**Date:** \_\_\_\_\_



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## ANNEX F TO PART 5 OF THE BID SOLICITATION

### FORMER PUBLIC SERVANT

#### \*\*TO BE COMPLETED BY THE BIDDER\*\*

Contracts awarded to former public servants (FPS) in receipt of a pension or of a lump sum payment must bear the closest public scrutiny, and reflect fairness in the spending of public funds. In order to comply with Treasury Board policies and directives on contracts awarded to FPSs, bidders must provide the information required below before contract award. If the answer to the questions and, as applicable the information required have not been received by the time the evaluation of bids is completed, Canada will inform the Bidder of a time frame within which to provide the information. Failure to comply with Canada's request and meet the requirement within the prescribed time frame will render the bid non-responsive.

#### Definitions

For the purposes of this clause,

"former public servant" is any former member of a department as defined in the [Financial Administration Act](#), R.S., 1985, c.. F-11, a former member of the Canadian Armed Forces or a former member of the Royal Canadian Mounted Police. A former public servant may be:

- (a) an individual;
- (b) an individual who has incorporated;
- (c) a partnership made of former public servants; or
- (d) a sole proprietorship or entity where the affected individual has a controlling or major interest in the entity.

"lump sum payment period" means the period measured in weeks of salary, for which payment has been made to facilitate the transition to retirement or to other employment as a result of the implementation of various programs to reduce the size of the Public Service. The lump sum payment period does not include the period of severance pay, which is measured in a like manner.

"pension" means a pension or annual allowance paid under the [Public Service Superannuation Act](#) (PSSA), R.S., 1985, c. P-36, and any increases paid pursuant to the [Supplementary Retirement Benefits Act](#), R.S., 1985, c. S-24 as it affects the PSSA. It does not include pensions payable pursuant to the [Canadian Forces Superannuation Act](#), R.S., 1985, c. C-17, the [Defence Services Pension Continuation Act](#), 1970, c. D-3, the [Royal Canadian Mounted Police Pension Continuation Act](#), 1970, c. R-10, and the [Royal Canadian Mounted Police Superannuation Act](#), R.S., 1985, c. R-11, the [Members of Parliament Retiring Allowances Act](#), R.S., 1985, c. M-5, and that portion of pension payable to the [Canada Pension Plan Act](#), R.S., 1985, c. C-8.

#### Former Public Servant in Receipt of a Pension

As per the above definitions, is the Bidder a FPS in receipt of a pension?    Yes ( <input type="checkbox"/> ) No ( <input type="checkbox"/> )
------------------------------------------------------------------------------------------------------------------------------------------------

If so, the Bidder must provide the following information, for all FPS in receipt of a pension, as applicable:

- (a) name of former public servant;
- (b) date of termination of employment or retirement from the Public Service.

By providing this information, Bidders agree that the successful Bidder's status, with respect to being a former public servant in receipt of a pension, will be reported on departmental websites as part of the

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published proactive disclosure reports in accordance with [Contracting Policy Notice: 2019-1](#) and the [Guidelines on the Proactive Disclosure of Contracts](#).

### **Work Force Adjustment Directive**

Is the Bidder a FPS who received a lump sum payment pursuant to the terms of the Work Force Adjustment Directive? <b>Yes ( ) No ( )</b>
-----------------------------------------------------------------------------------------------------------------------------------------

If so, the Bidder must provide the following information:

- (a) name of former public servant;
- (b) conditions of the lump sum payment incentive;
- (c) date of termination of employment;
- (d) amount of lump sum payment;
- (e) rate of pay on which lump sum payment is based;
- (f) period of lump sum payment including start date, end date and number of weeks;
- (g) number and amount (professional fees) of other contracts subject to the restrictions of a work force adjustment program.

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## ANNEX G TO PART 5 OF THE BID SOLICITATION

### FEDERAL CONTRACTORS PROGRAM FOR EMPLOYMENT EQUITY – CERTIFICATION

#### **\*\*TO BE COMPLETED BY THE BIDDER\*\***

I, the Bidder, by submitting the present information to the Contracting Authority, certify that the information provided is true as of the date indicated below. The certifications provided to Canada are subject to verification at all times. I understand that Canada will declare a bid non-responsive, or will declare a contractor in default, if a certification is found to be untrue, whether during the bid evaluation period or during the contract period. Canada will have the right to ask for additional information to verify the Bidder's certifications. Failure to comply with any request or requirement imposed by Canada may render the bid non-responsive or constitute a default under the Contract.

For further information on the Federal Contractors Program for Employment Equity visit [Employment and Social Development Canada \(ESDC\) – Labour's](#) website.

Date: \_\_\_\_\_ (YYYY/MM/DD) (If left blank, the date will be deemed to be the bid solicitation closing date.)

Complete both A and B.

A. Check only one of the following:

<p>( ) A1. The Bidder certifies having no work force in Canada.</p> <p>( ) A2. The Bidder certifies being a public sector employer.</p> <p>( ) A3. The Bidder certifies being a <a href="#">federally regulated employer</a> being subject to the <a href="#">Employment Equity Act</a>.</p> <p>( ) A4. The Bidder certifies having a combined work force in Canada of less than 100 permanent full-time and/or permanent part-time employees.</p> <p>A5. The Bidder has a combined workforce in Canada of 100 or more employees; and</p> <p>( ) A5.1 The Bidder certifies already having a valid and current <a href="#">Agreement to Implement Employment Equity</a> (AIEE) in place with ESDC – Labour.</p> <p><b>OR</b></p> <p>( ) A5.2 The Bidder certifies having submitted the <a href="#">Agreement to Implement Employment Equity</a> (LAB1168) to ESDC – Labour. As this is a condition to contract award, proceed to completing the form Agreement to Implement Employment Equity (LAB1168), duly signing it, and transmit it to ESDC – Labour.</p>
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B. Check only one of the following:

<p>( ) B1. The Bidder is not a Joint Venture.</p> <p><b>OR</b></p> <p>( ) B2.</p>
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The Bidder is a Joint Venture and each member of the Joint Venture must provide the Contracting Authority with a completed annex Federal Contractors Program for Employment Equity – Certification. (Refer to the Joint Venture section of the Standard Instructions)