



RETURN BIDS TO:
RETOURNER LES SUBMISSION À :
Parks Canada Agency Bid Receiving Unit
National Contracting Services
Suite 720, 220 – 4th Avenue S.E.
Calgary, AB T2G 4X3
Bid Fax: 1-866-246-6893

**REVISION 001 TO A
REQUEST FOR QUOTATION**

**RÉVISION 001 À UNE
DEMANDE DE PRIX**

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

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

Issuing Office - Bureau de distribution :
Parks Canada Agency
National Contracting Services
Suite 720, 220 – 4th Avenue S.E.
Calgary, AB T2G 4X3

Title - Sujet : Traffic Monitoring Services – Mountain National Parks	
Solicitation No. - N° de l'invitation : 5P420-19-0385/A	Date : February 13, 2020
Amendment No. - N° de modification : 001	
Client Reference No. - N° de référence du client : n/a	
GETS Reference No. N° de référence de SEAG : PW-20-00904191	

Solicitation Closes - L'invitation prend fin : At - à : 14 :00 On - le : March 03, 2020	Time Zone - Fuseau horaire MST
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F.O.B. - F.A.B. : Plant - Usine : <input type="checkbox"/> Destination : <input checked="" type="checkbox"/> Other - Autre : <input type="checkbox"/>		
Address Enquiries to - Adresser toutes demande de renseignements à : Kirsten Sage		
Telephone No. - N° de téléphone : 587-436-5795	Fax No. -N° de télécopieur : 1-866-246-6893	Email Address – Courriel : Kirsten.sage@canada.ca
Destination of Goods, Services, and Construction - Destination des biens, services, et construction : See Herein		

TO BE COMPLETED BY THE BIDDER - À REMPLIR PAR LE SOUMISSIONNAIRE

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

Solicitation No. - N° de l'invitation :
5P420-19-0385/A

Amd. No. - N° de la modif. :
001

Contracting Authority - Autorité contractante :
Kirsten Sage

Client Ref. No. - N° de réf. du client :
n/a

Title – Titre :
Traffic Monitoring Services – Mountain National Parks

Amendment 001

This amendment is raised to:

- A. Answer questions from bidders; and
- B. Amend Annex B – Basis of Payment.

Bidders **MUST** submit their bids in accordance with the amended version of Annex B – Basis of Payment contained herein

A. Questions and Answers

- Q1.** There appears to be an error under Annex B – Basis of Payment, Item 1.3.1 Reports (R). It is listed as 186 and should be 180.
- A1.** This is correct. There are two (2) seasonal counters that should only have 3 reports each. Please see the amended Annex B – Basis of Payment below.
- Q2.** There appears to be an error under Annex B – Basis of Payment, Item 1.3.2 Reports (R). It is listed as 96 and should be 90.
- A2.** This is correct. There are two (2) seasonal counters that should only have 3 reports each. Please see the amended Annex B – Basis of Payment below.
- Q3.** There appears to be an error under Annex B – Basis of Payment, item 1.4.2 11800201. This item can be removed from this table completely as this site operates all year long.
- A3.** This is correct. Please see the amended Annex B – Basis of Payment below.
- Q4.** Who will be providing or procuring replacement parts and materials to satisfy 4.1.7 of Annex A – Statement of Work?
- A4.** Spare counters are provided by Parks Canada Agency. The Contractor must provide equipment and parts for repairs.
- Q5.** Is the traffic reporting software provided? If so, who is it provided by and on what is the operating platform running on (Windows, XP, etc.)?
- A5.** The Contractor must provide their own computer and software.

B. Amend Annex B – Basis of Payment

Delete Annex B – Basis of Payment in its entirety and replace it with the following:

INSERT

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.

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(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 and Table X.

1. Contract – April 01, 2020 to March 31, 2021 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 ³	BNP	6	\$	\$
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 & MINNEWANKA RD	BNP	6	\$	\$
1.1.14	11100002	2.1 KM E LAKE LOUISE DR & MORaine LAKE RD ^{1,2}	BNP	3	\$	\$

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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 ^{1,2}	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 ^{1,2}	BNP	6	\$	\$
1.1.21	11800302	3.6 KM S 1 & LAKE LOUISE DR ^{1,2}	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	30103509	14.0 KM E OF 16 & E JASPER TOWNSITE	JNP	6	\$	\$
1.1.25	30107201	19.1 KM W OF 16 & 93 W JASPER TOWNSITE ^{9 10}	JNP	0	\$	\$
1.1.26	30215001	5.4 KM S 16 & 93 JASPER	JNP	6	\$	\$
1.1.27	40309000	3.0 KM N OF SETTLERS RD	KNP	6	\$	\$
1.1.28	40310601	0.3 KM S OF KOOTENAY PARK GATES ^{9 10}	KNP	0	\$	\$
1.1.29	50010040	1.4 KM W OF 1 & 93 CASTLE JUNCTION	BNP	6	\$	\$
1.1.30	50010050	1.6 KM W OF BANFF PARK GATES ^{9 10}	BNP	0	\$	\$
1.1.31	50010080	0.6 KM E OF FIELD	YNP	6	\$	\$
1.1.32	50010090	0.25 KM W OF FIELD ENTRANCE ^{9 10}	YNP	0	\$	\$
1.1.33	50010450	1.2 KM E OF CASTLE JCT	BNP	6	\$	\$
1.1.34	50100301	3.0 KM W OF 1 & GLACIER PARK BOUNDARY	GNP	6	\$	\$
1.1.35	50102407	0.7 KM W OF 1 & ROGERS PASS CENTRE ^{9 10}	GNP	0	\$	\$
1.1.36	50110250	2.3 KM E OF BANFF PARK GATES ^{9 10}	BNP	0	\$	\$
1.1.37	50160210	EAST JASPER PARK GATES ^{9 10}	JNP	0	\$	\$
1.1.38	80108501	ALTA-BC BORDER	YNP	6	\$	\$

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A	Combined Estimated Total Firm Unit Price(s) Data Retrieval and Maintenance (excluding applicable tax)	\$
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¹ Operates as an hourly cellular retrieval site

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

³ Site collects extra "Timestamp" data

⁹ Operates as a priority monthly ATR site

¹⁰ 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.

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 ^{1,2}	BNP	3	\$	\$
1.2.2	11300030	0.3 KM N 1 & MT NORQUAY SCENIC DR ¹	BNP	6	\$	\$
1.2.3	11800201	2.2 KM S 1 & LAKE LOUISE DR ^{1,2,4}	BNP	3	\$	\$
1.2.4	11800302	3.6 KM S 1 & LAKE LOUISE DR ^{1,2}	BNP	3	\$	\$
1.2.5	30107201	19.1 KM W OF 16 & 93 W JASPER TOWNSITE ⁹	JNP	12	\$	\$
1.2.6	40310601	0.3 KM S OF KOOTENAY PARK GATES ⁹	KNP	12	\$	\$
1.2.7	50010050	1.6 KM W OF BANFF PARK GATES ⁹	BNP	12	\$	\$
1.2.8	50010090	0.25 KM W OF FIELD ENTRANCE ⁹	YNP	12	\$	\$
1.2.9	50102407	0.7 KM W OF 1 & ROGERS PASS CENTRE ⁹	GNP	12	\$	\$
1.2.10	50110250	2.3 KM E OF BANFF PARK GATES ⁹	BNP	12	\$	\$
1.2.11	50160210	EAST JASPER PARK GATES ⁹	JNP	12	\$	\$
B	Combined Estimated Total Firm Unit Price(s) Cellular Data Retrieval (excluding applicable tax)					\$

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¹ Operates as an hourly cellular retrieval site

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

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

⁹ 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 4.4.4 for missing data policy. Sections 4.4.5 and 4.4.6 detail specifications for Volumetric reports. Sections 4.4.7 and 4.4.8 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 31 ATRs ⁵	180	\$	\$
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 7 ATRs	84	\$	\$
1.3.4	Estimated Monthly Average Daily Traffic Calculation (MADT) report if a Priority Monthly ATR location is not accessible	12	\$	\$
C	Combined Estimated Total Firm Unit Price(s) Reports (excluding applicable tax)			\$

⁵ Of the 38 ATR network, two classifier ATRs are inactive for three reporting periods, the 7 ATRs are reported monthly.

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.

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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 ^{6,8}	BNP	\$	\$	\$
1.4.2	11800302	3.6 KM S 1 & LAKE LOUISE DR ⁶	BNP	\$	\$	\$
D	Combined Estimated Total Firm Unit Price(s) Seasonal Site Activation and Deactivation (excluding applicable tax)					\$

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

⁷ 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

⁸ 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	Two loop site installation (see section 4.5)	1	\$	\$
1.5.2	Four loop site installation (see section 4.5)	1	\$	\$
1.5.3	Eight loop site installation (see section 4.5)	1	\$	\$
1.5.4	One Golden River M660 Classifier	1	\$	\$
1.5.5	Upgrade of Golden River M660 Classifier infrastructure to Clearview Intelligence M680 Classifier	2	\$	\$
E	Combined Estimated Total Firm Unit Price(s) As and When Requested Work (excluding applicable tax)			\$

1.6 Estimated Total Combined Evaluated Contract Year Price

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

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F	ESTIMATED TOTAL COMBINED <u>EVALUATED</u> CONTRACT YEAR PRICE (A + B + C + D + E) (excluding applicable tax)	\$
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2. Option Year One (1) – April 01, 2021 to March 31, 2022 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 ³	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 & MINNENWANKA RD	BNP	6	\$	\$
2.1.14	11100002	2.1 KM E LAKE LOUISE DR & MORaine LAKE RD ^{1,2}	BNP	3	\$	\$

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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 ^{1,2}	BNP	6	\$	\$
2.1.17	11700002	SUNSHINE RD	BNP	6	\$	\$
2.1.18	11700010	GOLF COURSE RD	BNP	6	\$	\$
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 ^{1,2}	BNP	6	\$	\$
2.1.21	11800302	3.6 KM S 1 & LAKE LOUISE DR ^{1,2}	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	30103509	14.0 KM E OF 16 & E JASPER TOWNSITE	JNP	6	\$	\$
2.1.25	30107201	19.1 KM W OF 16 & 93 W JASPER TOWNSITE ^{9 10}	JNP	0	\$	\$
2.1.26	30215001	5.4 KM S 16 & 93 JASPER	JNP	6	\$	\$
2.1.27	40309000	3.0 KM N OF SETTLERS RD	KNP	6	\$	\$
2.1.28	40310601	0.3 KM S OF KOOTENAY PARK GATES ^{9 10}	KNP	0	\$	\$
2.1.29	50010040	1.4 KM W OF 1 & 93 CASTLE JUNCTION	BNP	6	\$	\$
2.1.30	50010050	1.6 KM W OF BANFF PARK GATES ^{9 10}	BNP	0	\$	\$
2.1.31	50010080	0.6 KM E OF FIELD	YNP	6	\$	\$
2.1.32	50010090	0.25 KM W OF FIELD ENTRANCE ^{9 10}	YNP	0	\$	\$
2.1.33	50010450	1.2 KM E OF CASTLE JCT	BNP	6	\$	\$
2.1.34	50100301	3.0 KM W OF 1 & GLACIER PARK BOUNDARY	GNP	6	\$	\$
2.1.35	50102407	0.7 KM W OF 1 & ROGERS PASS CENTRE ^{9 10}	GNP	0	\$	\$
2.1.36	50110250	2.3 KM E OF BANFF PARK GATES ^{9 10}	BNP	0	\$	\$
2.1.37	50160210	EAST JASPER PARK GATES ^{9 10}	JNP	0	\$	\$
2.1.38	80108501	ALTA-BC BORDER	YNP	6	\$	\$

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G	Combined Estimated Total Firm Unit Price(s) Data Retrieval and Maintenance (excluding applicable tax)	\$
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¹ Operates as an hourly cellular retrieval site

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

³ Site collects extra "Timestamp" data

⁹ Operates as a priority monthly ATR site

¹⁰ Sites are cellular downloaded, but still require maintenance

2.2 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.

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 ^{1,2}	BNP	3	\$	\$
2.2.2	11300030	0.3 KM N 1 & MT NORQUAY SCENIC DR ¹	BNP	6	\$	\$
2.2.3	11800201	2.2 KM S 1 & LAKE LOUISE DR ^{1,2,4}	BNP	3	\$	\$
2.2.4	11800302	3.6 KM S 1 & LAKE LOUISE DR ^{1,2}	BNP	3	\$	\$
2.2.5	30107201	19.1 KM W OF 16 & 93 W JASPER TOWNSITE ⁹	JNP	12	\$	\$
2.2.6	40310601	0.3 KM S OF KOOTENAY PARK GATES ⁹	KNP	12	\$	\$
2.2.7	50010050	1.6 KM W OF BANFF PARK GATES ⁹	BNP	12	\$	\$
2.2.8	50010090	0.25 KM W OF FIELD ENTRANCE ⁹	YNP	12	\$	\$
2.2.9	50102407	0.7 KM W OF 1 & ROGERS PASS CENTRE ⁹	GNP	12	\$	\$
2.2.10	50110250	2.3 KM E OF BANFF PARK GATES ⁹	BNP	12	\$	\$
2.2.11	50160210	EAST JASPER PARK GATES ⁹	JNP	12	\$	\$
H	Combined Estimated Total Firm Unit Price(s) Cellular Data Retrieval (excluding applicable tax)					\$

Solicitation No. - N° de l'invitation : 5P420-19-0385/A **Amd. No. - N° de la modif. :** 001 **Contracting Authority - Autorité contractante :** Kirsten Sage

Client Ref. No. - N° de réf. du client : n/a **Title – Titre :** Traffic Monitoring Services – Mountain National Parks

¹ Operates as an hourly cellular retrieval site

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

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

⁹ 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 4.4.4 for missing data policy. Sections 4.4.5 and 4.4.6 detail specifications for Volumetric reports. Sections 4.4.7 and 4.4.8 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)
2.3.1	Bi-monthly (1 per site visit) Volumetric Reports for 31 ATRs ⁵	180	\$	\$
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 7 ATRs	84	\$	\$
2.3.4	Estimated Monthly Average Daily Traffic Calculation (MADT) report if a Priority Monthly ATR location is not accessible	12	\$	\$
I	Combined Estimated Total Firm Unit Price(s) Reports (excluding applicable tax)			\$

⁵ Of the 38 ATR network, two classifier ATRs are inactive for three reporting periods, the 7 ATRs 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.

Solicitation No. - N° de l'invitation :
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Contracting Authority - Autorité contractante :
Kirsten Sage

Client Ref. No. - N° de réf. du client :
n/a

Title – Titre :
Traffic Monitoring Services – Mountain National Parks

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 & MORaine LAKE RD ^{6,8}	BNP	\$	\$	\$
2.4.2	11800302	3.6 KM S 1 & LAKE LOUISE DR ⁶	BNP	\$	\$	\$
J	Combined Estimated Total Firm Unit Price(s) Seasonal Site Activation and Deactivation (excluding applicable tax)					\$

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

⁷ 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

⁸ 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	Two loop site installation (see section 4.5)	1	\$	\$
2.5.2	Four loop site installation (see section 4.5)	1	\$	\$
2.5.3	Eight loop site installation (see section 4.5)	1	\$	\$
2.5.4	One Golden River M660 Classifier	1	\$	\$
2.5.5	Upgrade of Golden River M660 Classifier infrastructure to Clearview Intelligence M680 Classifier	2	\$	\$
K	Combined Estimated Total Firm Unit Price(s) As and When Requested Work (excluding applicable tax)			\$

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.

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Contracting Authority - Autorité contractante :
Kirsten Sage

Client Ref. No. - N° de réf. du client :
n/a

Title – Titre :
Traffic Monitoring Services – Mountain National Parks

L	ESTIMATED TOTAL COMBINED EVALUATED OPTION YEAR ONE (1) PRICE (G + H + I + J + K) (excluding applicable tax)	\$
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3. Option Year Two (2) – April 01, 2022 to March 31, 2023 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 ³	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 & MINNENWANKA RD	BNP	6	\$	\$
3.1.14	11100002	2.1 KM E LAKE LOUISE DR & MORAINÉ LAKE RD ^{1,2}	BNP	3	\$	\$

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Amd. No. - N° de la modif. :
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Contracting Authority - Autorité contractante :
Kirsten Sage

Client Ref. No. - N° de réf. du client :
n/a

Title – Titre :
Traffic Monitoring Services – Mountain National Parks

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 ^{1,2}	BNP	6	\$	\$
3.1.17	11700002	SUNSHINE RD	BNP	6	\$	\$
3.1.18	11700010	GOLF COURSE RD	BNP	6	\$	\$
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 ^{1,2}	BNP	6	\$	\$
3.1.21	11800302	3.6 KM S 1 & LAKE LOUISE DR ^{1,2}	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	30103509	14.0 KM E OF 16 & E JASPER TOWNSITE	JNP	6	\$	\$
3.1.25	30107201	19.1 KM W OF 16 & 93 W JASPER TOWNSITE ^{9 10}	JNP	0	\$	\$
3.1.26	30215001	5.4 KM S 16 & 93 JASPER	JNP	6	\$	\$
3.1.27	40309000	3.0 KM N OF SETTLERS RD	KNP	6	\$	\$
3.1.28	40310601	0.3 KM S OF KOOTENAY PARK GATES ^{9 10}	KNP	0	\$	\$
3.1.29	50010040	1.4 KM W OF 1 & 93 CASTLE JUNCTION	BNP	6	\$	\$
3.1.30	50010050	1.6 KM W OF BANFF PARK GATES ^{9 10}	BNP	0	\$	\$
3.1.31	50010080	0.6 KM E OF FIELD	YNP	6	\$	\$
3.1.32	50010090	0.25 KM W OF FIELD ENTRANCE ^{9 10}	YNP	0	\$	\$
3.1.33	50010450	1.2 KM E OF CASTLE JCT	BNP	6	\$	\$
3.1.34	50100301	3.0 KM W OF 1 & GLACIER PARK BOUNDARY	GNP	6	\$	\$
3.1.35	50102407	0.7 KM W OF 1 & ROGERS PASS CENTRE ^{9 10}	GNP	0	\$	\$
3.1.36	50110250	2.3 KM E OF BANFF PARK GATES ^{9 10}	BNP	0	\$	\$
3.1.37	50160210	EAST JASPER PARK GATES ^{9 10}	JNP	0	\$	\$
3.1.38	80108501	ALTA-BC BORDER	YNP	6	\$	\$

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Contracting Authority - Autorité contractante :
Kirsten Sage

Client Ref. No. - N° de réf. du client :
n/a

Title – Titre :
Traffic Monitoring Services – Mountain National Parks

M	Combined Estimated Total Firm Unit Price(s) Data Retrieval and Maintenance (excluding applicable tax)	\$
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¹ Operates as an hourly cellular retrieval site

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

³ Site collects extra "Timestamp" data

⁹ Operates as a priority monthly ATR site

¹⁰ Sites are cellular downloaded, but still require maintenance

3.2 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.

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 ^{1,2}	BNP	3	\$	\$
3.2.2	11300030	0.3 KM N 1 & MT NORQUAY SCENIC DR ¹	BNP	6	\$	\$
3.2.3	11800201	2.2 KM S 1 & LAKE LOUISE DR ^{1,2,4}	BNP	3	\$	\$
3.2.4	11800302	3.6 KM S 1 & LAKE LOUISE DR ^{1,2}	BNP	3	\$	\$
3.2.5	30107201	19.1 KM W OF 16 & 93 W JASPER TOWNSITE ⁹	JNP	12	\$	\$
3.2.6	40310601	0.3 KM S OF KOOTENAY PARK GATES ⁹	KNP	12	\$	\$
3.2.7	50010050	1.6 KM W OF BANFF PARK GATES ⁹	BNP	12	\$	\$
3.2.8	50010090	0.25 KM W OF FIELD ENTRANCE ⁹	YNP	12	\$	\$
3.2.9	50102407	0.7 KM W OF 1 & ROGERS PASS CENTRE ⁹	GNP	12	\$	\$
3.2.10	50110250	2.3 KM E OF BANFF PARK GATES ⁹	BNP	12	\$	\$
3.2.11	50160210	EAST JASPER PARK GATES ⁹	JNP	12	\$	\$
N	Combined Estimated Total Firm Unit Price(s) Cellular Data Retrieval (excluding applicable tax)					\$

Solicitation No. - N° de l'invitation : 5P420-19-0385/A **Amd. No. - N° de la modif. :** 001 **Contracting Authority - Autorité contractante :** Kirsten Sage

Client Ref. No. - N° de réf. du client : n/a **Title – Titre :** Traffic Monitoring Services – Mountain National Parks

¹ Operates as an hourly cellular retrieval site

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

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

⁹ 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 4.4.4 for missing data policy. Sections 4.4.5 and 4.4.6 detail specifications for Volumetric reports. Sections 4.4.7 and 4.4.8 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)
3.3.1	Bi-monthly (1 per site visit) Volumetric Reports for 31 ATRs ⁵	180	\$	\$
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 7 ATRs	84	\$	\$
3.3.4	Estimated Monthly Average Daily Traffic Calculation (MADT) report if a Priority Monthly ATR location is not accessible	12	\$	\$
O	Combined Estimated Total Firm Unit Price(s) Reports (excluding applicable tax)			\$

⁵ Of the 38 ATR network, two classifier ATRs are inactive for three reporting periods, the 7 ATRs 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.

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Contracting Authority - Autorité contractante :
Kirsten Sage

Client Ref. No. - N° de réf. du client :
n/a

Title – Titre :
Traffic Monitoring Services – Mountain National Parks

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 & MORaine LAKE RD ^{6,8}	BNP	\$	\$	\$
3.4.2	11800302	3.6 KM S 1 & LAKE LOUISE DR ⁶	BNP	\$	\$	\$
P	Combined Estimated Total Firm Unit Price(s) Seasonal Site Activation and Deactivation (excluding applicable tax)					\$

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

⁷ 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

⁸ 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	Two loop site installation (see section 4.5)	1	\$	\$
3.5.2	Four loop site installation (see section 4.5)	1	\$	\$
3.5.3	Eight loop site installation (see section 4.5)	1	\$	\$
3.5.4	One Golden River M660 Classifier	1	\$	\$
3.5.5	Upgrade of Golden River M660 Classifier infrastructure to Clearview Intelligence M680 Classifier	2	\$	\$
Q	Combined Estimated Total Firm Unit Price(s) As and When Requested Work (excluding applicable tax)			\$

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.

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Contracting Authority - Autorité contractante :
Kirsten Sage

Client Ref. No. - N° de réf. du client :
n/a

Title – Titre :
Traffic Monitoring Services – Mountain National Parks

R	ESTIMATED TOTAL COMBINED EVALUATED OPTION YEAR TWO (2) PRICE (M + N + O + P + Q) (excluding applicable tax)	\$
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4. Option Year Three (3) – April 01, 2023 to March 31, 2024 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 ³	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 & MINNENWANKA RD	BNP	6	\$	\$
4.1.14	11100002	2.1 KM E LAKE LOUISE DR & MORaine LAKE RD ^{1,2}	BNP	3	\$	\$

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n/a

Title – Titre :
Traffic Monitoring Services – Mountain National Parks

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 ^{1,2}	BNP	6	\$	\$
4.1.17	11700002	SUNSHINE RD	BNP	6	\$	\$
4.1.18	11700010	GOLF COURSE RD	BNP	6	\$	\$
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 ^{1,2}	BNP	6	\$	\$
4.1.21	11800302	3.6 KM S 1 & LAKE LOUISE DR ^{1,2}	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	30103509	14.0 KM E OF 16 & E JASPER TOWNSITE	JNP	6	\$	\$
4.1.25	30107201	19.1 KM W OF 16 & 93 W JASPER TOWNSITE ^{9 10}	JNP	0	\$	\$
4.1.26	30215001	5.4 KM S 16 & 93 JASPER	JNP	6	\$	\$
4.1.27	40309000	3.0 KM N OF SETTLERS RD	KNP	6	\$	\$
4.1.28	40310601	0.3 KM S OF KOOTENAY PARK GATES ^{9 10}	KNP	0	\$	\$
4.1.29	50010040	1.4 KM W OF 1 & 93 CASTLE JUNCTION	BNP	6	\$	\$
4.1.30	50010050	1.6 KM W OF BANFF PARK GATES ^{9 10}	BNP	0	\$	\$
4.1.31	50010080	0.6 KM E OF FIELD	YNP	6	\$	\$
4.1.32	50010090	0.25 KM W OF FIELD ENTRANCE ^{9 10}	YNP	0	\$	\$
4.1.33	50010450	1.2 KM E OF CASTLE JCT	BNP	6	\$	\$
4.1.34	50100301	3.0 KM W OF 1 & GLACIER PARK BOUNDARY	GNP	6	\$	\$
4.1.35	50102407	0.7 KM W OF 1 & ROGERS PASS CENTRE ^{9 10}	GNP	0	\$	\$
4.1.36	50110250	2.3 KM E OF BANFF PARK GATES ^{9 10}	BNP	0	\$	\$
4.1.37	50160210	EAST JASPER PARK GATES ^{9 10}	JNP	0	\$	\$
4.1.38	80108501	ALTA-BC BORDER	YNP	6	\$	\$

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Amd. No. - N° de la modif. :
001

Contracting Authority - Autorité contractante :
Kirsten Sage

Client Ref. No. - N° de réf. du client :
n/a

Title – Titre :
Traffic Monitoring Services – Mountain National Parks

S	Combined Estimated Total Firm Unit Price(s) Data Retrieval and Maintenance (excluding applicable tax)	\$
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¹ Operates as an hourly cellular retrieval site

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

³ Site collects extra "Timestamp" data

⁹ Operates as a priority monthly ATR site

¹⁰ Sites are cellular downloaded, but still require maintenance

4.2 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.

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 ^{1,2}	BNP	3	\$	\$
4.2.2	11300030	0.3 KM N 1 & MT NORQUAY SCENIC DR ¹	BNP	6	\$	\$
4.2.3	11800201	2.2 KM S 1 & LAKE LOUISE DR ^{1,2,4}	BNP	3	\$	\$
4.2.4	11800302	3.6 KM S 1 & LAKE LOUISE DR ^{1,2}	BNP	3	\$	\$
4.2.5	30107201	19.1 KM W OF 16 & 93 W JASPER TOWNSITE ⁹	JNP	12	\$	\$
4.2.6	40310601	0.3 KM S OF KOOTENAY PARK GATES ⁹	KNP	12	\$	\$
4.2.7	50010050	1.6 KM W OF BANFF PARK GATES ⁹	BNP	12	\$	\$
4.2.8	50010090	0.25 KM W OF FIELD ENTRANCE ⁹	YNP	12	\$	\$
4.2.9	50102407	0.7 KM W OF 1 & ROGERS PASS CENTRE ⁹	GNP	12	\$	\$
4.2.10	50110250	2.3 KM E OF BANFF PARK GATES ⁹	BNP	12	\$	\$
4.2.11	50160210	EAST JASPER PARK GATES ⁹	JNP	12	\$	\$
T	Combined Estimated Total Firm Unit Price(s) Cellular Data Retrieval (excluding applicable tax)					\$

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Client Ref. No. - N° de réf. du client : n/a **Title – Titre :** Traffic Monitoring Services – Mountain National Parks

¹ Operates as an hourly cellular retrieval site

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

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

⁹ 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 4.4.4 for missing data policy. Sections 4.4.5 and 4.4.6 detail specifications for Volumetric reports. Sections 4.4.7 and 4.4.8 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)
4.3.1	Bi-monthly (1 per site visit) Volumetric Reports for 31 ATRs ⁵	180	\$	\$
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 7 ATRs	84	\$	\$
4.3.4	Estimated Monthly Average Daily Traffic Calculation (MADT) report if a Priority Monthly ATR location is not accessible	12	\$	\$
U	Combined Estimated Total Firm Unit Price(s) Reports (excluding applicable tax)			\$

⁵ Of the 38 ATR network, two classifier ATRs are inactive for three reporting periods, the 7 ATRs 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.

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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 ^{6,8}	BNP	\$	\$	\$
4.4.2	11800302	3.6 KM S 1 & LAKE LOUISE DR ⁶	BNP	\$	\$	\$
V	Combined Estimated Total Firm Unit Price(s) Seasonal Site Activation and Deactivation (excluding applicable tax)					\$

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

⁷ 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

⁸ 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	Two loop site installation (see section 4.5)	1	\$	\$
4.5.2	Four loop site installation (see section 4.5)	1	\$	\$
4.5.3	Eight loop site installation (see section 4.5)	1	\$	\$
4.5.4	One Golden River M660 Classifier	1	\$	\$
4.5.5	Upgrade of Golden River M660 Classifier infrastructure to Clearview Intelligence M680 Classifier	2	\$	\$
W	Combined Estimated Total Firm Unit Price(s) As and When Requested Work (excluding applicable tax)			\$

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n/a

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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	ESTIMATED TOTAL COMBINED <u>EVALUATED</u> OPTION YEAR THREE (3) PRICE (S + T + U + V + W) (excluding applicable tax)	\$
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5. Estimated Total Combined Evaluated Bid Price

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

ESTIMATED TOTAL COMBINED <u>EVALUATED</u> BID PRICE (F + L + R + X) (excluding applicable tax)	\$
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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.

ALL OTHER TERMS & CONDITIONS REMAIN UNCHANGED