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**RETOURNER LES SOUMISSIONS À:**

Public Works and Government Services Canada  
ATB Place North Tower  
10025 Jasper Ave./10025 ave. Jasper  
5th floor/5e étage  
Edmonton  
Alberta  
T5J 1S6  
Bid Fax: (780) 497-3510

**SOLICITATION AMENDMENT  
MODIFICATION DE L'INVITATION**

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

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

**Comments - Commentaires**

**Vendor/Firm Name and Address  
Raison sociale et adresse du  
fournisseur/de l'entrepreneur**

**Issuing Office - Bureau de distribution**

Public Works and Government Services Canada  
ATB Place North Tower  
10025 Jasper Ave./10025 ave Jasper  
5th floor/5e étage  
Edmonton  
Alberta  
T5J 1S6

<b>Title - Sujet</b> Waterton Townsite Streetworks Upgra	
<b>Solicitation No. - N° de l'invitation</b> EP922-180781/A	<b>Amendment No. - N° modif.</b> 001
<b>Client Reference No. - N° de référence du client</b> PC - EP922-180781	<b>Date</b> 2017-08-15
<b>GETS Reference No. - N° de référence de SEAG</b> PW-\$PWU-183-11148	
<b>File No. - N° de dossier</b> PWU-7-40078 (183)	<b>CCC No./N° CCC - FMS No./N° VME</b>
<b>Solicitation Closes - L'invitation prend fin at - à 02:00 PM on - le 2017-08-21</b>	<b>Time Zone Fuseau horaire</b> Mountain Daylight Saving Time MDT
<b>F.O.B. - F.A.B.</b>	
<b>Plant-Usine:</b> <input type="checkbox"/> <b>Destination:</b> <input type="checkbox"/> <b>Other-Autre:</b> <input type="checkbox"/>	
<b>Address Enquiries to: - Adresser toutes questions à:</b> Tikhonovitch (RPC), Alex	<b>Buyer Id - Id de l'acheteur</b> pwu183
<b>Telephone No. - N° de téléphone</b> (780) 901-7940 ( )	<b>FAX No. - N° de FAX</b> (780) 497-3510
<b>Destination - of Goods, Services, and Construction: Destination - des biens, services et construction:</b>	

**Instructions: See Herein**

**Instructions: Voir aux présentes**

<b>Delivery Required - Livraison exigée</b>	<b>Delivery Offered - Livraison proposée</b>
<b>Vendor/Firm Name and Address Raison sociale et adresse du fournisseur/de l'entrepreneur</b>	
<b>Telephone No. - N° de téléphone Facsimile No. - N° de télécopieur</b>	
<b>Name and title of person authorized to sign on behalf of Vendor/Firm (type or print) Nom et titre de la personne autorisée à signer au nom du fournisseur/ de l'entrepreneur (taper ou écrire en caractères d'imprimerie)</b>	
<b>Signature</b>	<b>Date</b>

This solicitation amendment has been raised to modify the solicitation as follows:

**DELETE:** APPENDIX 1 – COMBINED PRICE FORM

**INSERT:** APPENDIX 1 – COMBINED PRICE FORM - REVISED VIA ADDENDUM 001

The following changes were incorporated into Appendix 1:

Bid item *1.6.7 Topsoil Placement and Grading* was increased from 5,500m<sup>2</sup> to 7,000m<sup>2</sup>

Bid item *1.6.8 Imported Topsoil* was increase from 60m<sup>3</sup> to 650m<sup>3</sup>

Refer to attached PDF document.

**UNDER:** Section 00 01 10 – SUMMARY OF WORK

**DELETE:**

1.3.6 Phase E – Cameron Falls Drive and Fountain Avenue (Top Lift Asphalt), and Harebell Road (Sidewalk and Road Reconstruction)

.1 Commence – September, 2019

.2 Completion – May 14<sup>th</sup>, 2020

**INSERT:**

1.3.6 Phase E – Cameron Falls Drive and Fountain Avenue (Top Lift Asphalt)

.1 Commence – April, 2020

.2 Completion – May 14<sup>th</sup>, 2020

**DELETE:**

1.3.7 Phase E – Mt. View Road (Roadway Reconstruction)

.1 Commence – September, 2019

.2 Completion – June 19<sup>th</sup>, 2020

**INSERT:**

1.3.7 Phase E – Mt. View Road (Roadway Reconstruction) and Harebell Road (Sidewalk and Road Reconstruction)

.1 Commence – April, 2020

.2 Completion – June 19<sup>th</sup>, 2020

**The following Minutes and Q/A were recorded at the Pre Bid meeting held on August 11, 2017. Questions and Answers are provided for clarification:**

Parks Canada described the work scope which includes underground water and sanitary renewals; new concrete curbs and sidewalk; and asphalt paving.

There is a defined work sequence that needs to be followed. Work shall commence this September and total completion shall be by June 2020. Several interim completion dates are specified to allow for certain areas of work to be completed prior to summertime in each year between 2017-2020.

Parks Canada mentioned that successful contractor and sub contractors will need to obtain a business license to work in Waterton, this includes free gate passes for the workers.

Q1: Mono sidewalk includes GBC under the concrete. Is GBC required under other concrete?

A1: Yes, minimum 100mm.

Q2: Are mechanical and concrete restraints required?

A2: Restraint requirements are based on installation condition. These can be either concrete or mechanical whichever meets the site conditions.

Q3: Are thrust blocks required for gate valves?

A3: No.

Q4: What are the backfill specifications for the rock? Washed Rock? Pea Gravel?

A4: We will accept screened 25mm drain rock. The rock shall be free of fines.

Q5: Who is the inspector on this project?

A5: Jack Prenger of Parks Canada is the scheduled site inspector for this work. Amec Foster Wheeler will provide site inspection during late fall and early spring when Jack is on annual leave.

Q6: Is rebar required in the sidewalk? There is reference to tie bars.

A6: No, only cold joint, or connections between existing and new concrete shall be dowelled together.

Q7: Is the excavation incidental?

A7: All common excavation is included in the unit price bid for Subgrade Preparation and trenching. The contractor will also be responsible to keep enough suitable material onsite from the cut areas to use on any fill areas. Any excess material not used for construction or deemed unsuitable shall be hauled from Waterton Lakes National Park.

Q8: Is the contractor responsible to provide temporary water service?

Q8: Yes. Contractor will need to provide temporary water services. If necessary, the water lines may need to be insulated to prevent freezing.

Q9: Is a saddle required for the water service connections?

A9: Yes.

Contractors were reminded that all questions must be submitted prior to 5 calendar days prior to closing. Based on current closing date, this would be on or before August 16.

Following the meeting a site walkthrough was undertaken with the contractors present.

**Additional Question received via email:**

Q10: We've been asked to provide subcontract pricing for the landscaping to a general who is bidding on the Waterton Townsite Municipal Infrastructure Upgrades project. In looking at the landscape-related bid items, we cannot find any detail in the drawings on where the items in question will be required (ie. trees, the topsoil placement & grading, the seeding, etc), and also specifically what tree types would be planted. Will additional drawings be coming out for this project? If not, can you please provide a description for the work locations and the tree details?

A10: Topsoil placement is required for rehabilitation between the newly constructed roadway/sidewalk to the existing ground. The extent of topsoil is generally shown by the stripping limits on the removals plans and cross sections.

The trees will be replaced in kind for the trees removed at a ratio of 3:1. Generally tree replacements will be Poplar, Birch or Trembling Aspen. The exact tree installation locations will be determined in the field by the departmental representative following roadway construction but the Contractor shall assume all tree installations will be within the Waterton townsite.

All other terms and conditions of the Invitation to Tender remain the unchanged.

**END OF ADDENDUM**

## APPENDIX 1 - COMBINED PRICE FORM – REVISED ADDENDUM 001

- 1) The prices per unit shall govern in establishing the Total Extended Amount. Any arithmetical errors in this Appendix will be corrected by Canada.
- 2) Canada may reject the bid if any of the prices submitted do not reasonably reflect the cost of performing the part of the work to which that price applies.

### LUMP SUM

The Lump Sum Amount designates Work to which a Lump Sum Arrangement applies.

- (a) Work included in the Lump Sum Amount represents all work not included in the unit price table.

<b>LUMP SUM AMOUNT (LSA)</b> Excluding applicable tax(s)
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### UNIT PRICE TABLE

The Unit Price Table designates Work to which a Unit Price Arrangement applies.

- (a) Work included in each item is as described in the referenced specification section.
- (b) The Price per Unit shall not include any amounts for Work that is not included in that unit price Item.

Item Item	Specification Reference	Class of Labour, Plant or Material	Unit of Measur- ement	Estimated Quantity (EQ)	Price per Unit applicable tax(s) extra (PU)	Extended amount (EQ x PU) applicable tax(s) extra
1.1	WATER					
.1	33 11 16	150 mm dia. SDR 18 PVC	m	640		
.2	33 11 16	200 mm dia. SDR 18 PVC	m	350		
.3	33 11 16	Water Line Tie-In – Mains	ea	12		
.4	33 11 16	Waterline Service - 25 mm to Curb Stop (up to 15m)	ea	34		
.5	33 11 16	Waterline Service - 50 mm to Curb Stop (up to 15m)	ea	4		
.6	33 11 16	Waterline Service - 50 mm (15m to 30m)	ea	1		
.7	33 11 16	150 mm dia. Gate Valve	ea	2		
.8	33 11 16	200 mm dia. Gate Valve	ea	3		
.9	33 11 16	Fire Hydrant (c/w valve and lead)	ea	5		
.10	33 11 16	Remove and Reinstall Fire Hydrant (c/w lead)	ea	1		
.11	02 41 13	Decommissioning of Hydrant	ea	3		
.12	33 11 16	Insulation for Waterline	m <sup>2</sup>	540		
1.2	SANITARY SEWER					
.1	33 31 13	200 mm dia. SDR 35 PVC Pipe	m	890		
.2	33 05 16	Type 1 Sanitary Manhole	vm	36.0		
.3	33 31 13	Sanitary Sewer Line Tie-In – Main	ea	5		
.4	33 31 13	Sanitary Sewer Service – 100 mm to Property Line (up to 15m)	ea	33		

.5	33 31 13	Sanitary Sewer Service - 100 mm (15m to 30m)	ea	1		
.6	33 31 13	Sanitary Sewer Service - 150 mm to Property Line (up to 15m)	ea	5		
.7	33 31 13	Sanitary Sewer Service - 150 mm (15m to 30m)	ea	3		
.8	33 31 13	Adjust Existing Sanitary Manhole to Grade	ea	4		
.9	02 41 13	Remove and Dispose Sanitary Manhole	ea	10		
1.3	STORM SEWER					
.1	33 41 00	250 mm dia. SDR 35 PVC Pipe	m	25		
.2	33 41 00	300 mm dia. SDR 35 PVC Pipe	m	6		
.3	33 05 16	Type 1 Storm Manhole	vm	1.6		
.4	33 05 16	Catch Basin – Open Bottom, c/w frame and grate	ea	7		
.5	33 05 16	Catch Basin – Type 1 Barrel c/w frame and grate – Rolled Curb	ea	2		
.6	33 41 00	Adjust Storm Manhole or Catch Basin to Grade	ea	5		
.7	02 41 13	Remove and Dispose Storm Manhole	ea	1		
.8	02 41 13	Remove and Dispose Catch Basin and Lead	ea	2		
1.4	CONCRETE					
.1	02 42 13	Remove and Dispose Concrete Surfaces	m <sup>2</sup>	500		
.2	32 16 15	Combined Sidewalk and Rolled Curb & Gutter incl. base structure	lm	1,400		
.3	32 16 15	Wheelchair Ramp – Type 1	ea	14		
.4	32 16 15	Wheelchair Ramp – Type 2	ea	3		
.5	32 16 15	Rolled Curb and Gutter	m	100		
.6	32 16 15	Lane Crossing	m	30		
.7	32 16 15	Concrete Surfacing – 130 mm Depth	m <sup>2</sup>	150		
.8	32 16 15	Concrete Surfacing – 200mm Depth Reinforced Driveway	m <sup>2</sup>	165		
1.5	SURFACE WORKS					
.1	02 41 13	Saw Cutting	lm	60		
.2	02 41 13.14	Cold Milling Asphalt Pavement	LS	1		
.3	32 00 01	Subgrade Preparation	m <sup>2</sup>	17,500		
.4	32 00 03	Type III Asphalt Concrete Paving – 50 mm depth	m <sup>2</sup>	12,500		

.5	32 00 03	Type III Asphalt Concrete Paving – 75 mm depth	m <sup>2</sup>	8,000		
.6	32 00 03	Type III Asphalt Concrete Paving – 100 mm depth	m <sup>2</sup>	10,000		
.7	32 00 02	Granular Base Course – 75 mm depth	m <sup>2</sup>	18,000		
.8	32 00 02	Recycled Asphalt Base Course – 75 mm depth	m <sup>2</sup>	11,500		
.9	32 00 02	Recycled Asphalt Base Course – 100 mm depth	m <sup>2</sup>	6,000		
.10	32 17 23	Line Painting – Parking Stalls (100 mm white)	m	1,100		
.11	32 17 23	Line Painting – Zebra Crosswalk and Stop Bar (600 mm white)	m	510		
.12	32 17 23	Line Painting – Centreline Directional Dividing (100 mm yellow)	m	2,000		
.13	32 17 23	Line Painting – Messages	ea	10		
.14	32 17 23	Line Painting – No Parking Zones (300mm Yellow)	lm	300		
1.6	MISCELLANEOUS					
.1	32 31 27	Supply and Install Post & Rail Fence	m	40		
.2	02 41 13	Remove and Dispose Tree	ea	15		
.3	02 41 13	Remove and Transplant Tree	ea	3		
.4	32 93 10	Supply and Plant Approved Tree	ea	45		
.5	02 41 13	Remove, Salvage and Reinstall Garbage Bin incl New Base	ea	5		
.6	02 41 13	Remove, Savage and Reinstall Sign	ea	42		
.7	32 91 19.13	Topsoil Placement and Grading	m <sup>2</sup>	7,000		
.8	32 91 19.13	Imported Topsoil	m <sup>3</sup>	650		
.9	32 91 19.13	Hydro Seeding	m <sup>2</sup>	5,500		
.10	33 42 05	PVC Conduits	m	100		
.11	33 43 00	Sidewalk Trench Drains	lm	3		
.12	02 41 13	Remove and Dispose Existing Concrete Patio and Rock Walls	LS	1		
.13	02 41 13	Supply and Install – 4m x 4m Cedar Deck	LS	1		
.14	02 41 13	Remove and Reinstall Lock Stone Driveway	LS	1		
.15	E2	Parks Street Lights - Remove and Dispose Existing Base and Light, Supply and Install Precast Concrete Base, 6.0m Galvanized Light Standard, and Luminaire	ea	5		
.16	E2	Street Light Conduit and Cable – Supply and Install	lm	340		

.17	E2	Electrical Panel – Supply and Install	LS	1		
1.7	MT. VIEW ROAD					
.1	02 41 13	Saw Cutting	lm	20		
.2	02 41 13.14	Cold Milling Asphalt Pavement	LS	1		
.3	33 05 16	Type 1 Manhole – Fibre Optic	vm	2.0		
.4	-	Fibre Optic Relocation	LS	1		
.5	02 42 13	Remove and Dispose Concrete Surfaces	m <sup>2</sup>	20		
.6	32 16 15	Combined Sidewalk and Rolled Curb & Gutter incl. base structure	lm	10		
.7	32 00 01	Subgrade Preparation	m <sup>2</sup>	5,700		
.8	32 00 03	Type III Asphalt Concrete Paving – 50 mm depth	m <sup>2</sup>	5,700		
.9	32 00 03	Type III Asphalt Concrete Paving – 75 mm depth	m <sup>2</sup>	5,700		
.10	32 00 02	Granular Base Course – 75 mm depth	m <sup>2</sup>	5,700		
.11	32 00 02	Recycled Asphalt Base Course – 100 mm depth	m <sup>2</sup>	5,700		
.12	32 17 23	Line Painting – Parking Stalls (100 mm white)	m	250		
.13	32 17 23	Line Painting – Zebra Crosswalk and Stop Bar (600 mm white)	m	212		
.14	32 17 23	Line Painting – Centreline Directional Dividing (100 mm yellow)	m	450		
<b>TOTAL EXTENDED AMOUNT (TEA)</b>						
Excluding applicable tax(es)						

<b>TOTAL BID AMOUNT (LSA +TEA)</b>	
Excluding applicable tax(es)	