



**RETURN BIDS TO:**

**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> Akamina Parkway Rehabilitation	
<b>Solicitation No. - N° de l'invitation</b> 5P427-170001/A	<b>Amendment No. - N° modif.</b> 006
<b>Client Reference No. - N° de référence du client</b> 5P427-170001	<b>Date</b> 2017-08-04
<b>GETS Reference No. - N° de référence de SEAG</b> PW-\$PWU-183-11130	
<b>File No. - N° de dossier</b> PWU-7-40055 (183)	<b>CCC No./N° CCC - FMS No./N° VME</b>
<b>Solicitation Closes - L'invitation prend fin</b> <b>at - à 02:00 PM</b> <b>on - le 2017-08-16</b>	<b>Time Zone</b> <b>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:</b> <b>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</b> <b>Raison sociale et adresse du fournisseur/de l'entrepreneur</b>	
<b>Telephone No. - N° de téléphone</b> <b>Facsimile No. - N° de télécopieur</b>	
<b>Name and title of person authorized to sign on behalf of Vendor/Firm</b> <b>(type or print)</b> <b>Nom et titre de la personne autorisée à signer au nom du fournisseur/</b> <b>de l'entrepreneur (taper ou écrire en caractères d'imprimerie)</b>	
<b>Signature</b>	<b>Date</b>

## **1.0 QUESTIONS AND CLARIFICATIONS**

1. **Question:** Is topsoil available on site or will it be imported?  
**Answer:** Existing topsoil is to be stripped and re-used. There is existing topsoil from the previous Cameron Lake Project that is located at Oil City as well.
2. **Question:** Is there a quantity of damaged posts to be changed out?  
**Answer:** No there is no exact number, damaged posts will be replaced by the Contractor and shall be incidental to the unit price for Guard Rail Remove Salvage and Re-install. Any new sections of guard rails and posts will be metal, all existing and any damaged posts will be replaced with wood posts.
3. **Question:** Will seed be supplied by the Parks?  
**Answer:** Seed will not be provided by the Parks. Seed mixture is identified in the contract
4. **Question:** Are there any laydown areas available?  
**Answer:** Pullout 11 has a laydown/stockpile area, there are also other pullouts where material can be stored within reason. Laydown areas must not impact the use of the roadway or trail heads when the roadway is open to public use.
5. **Question:** Is there borrow required from offsite?  
**Answer:** There is borrow on site located at pullout 11, surplus material from trail head locations is expected to be utilized prior to borrow be utilized.
6. **Question:** Will the asphalt cement clause apply?  
**Answer:** Yes, SC03 clause will apply to this project.
7. **Question:** Is there a weight restriction on the road?  
**Answer:** There will be no weight restrictions
8. **Question:** Are more detailed cross-sections available?  
**Answer:** No
9. **Question:** We have calculated from the drawings provided that there is approximately only 1000 m3 of embankment required, that would mean that borrow would not be required leaving approximately 9500 m3 of excavation and waste to be disposed outside of the Park. Are my assumptions correct?  
**Answer:** See the estimated earthworks quantities in the amendment #4.
10. **Clarification:** Contractor will be responsible for traffic management from the beginning of September to September 30th. Contractor will be allowed to bring the road down to one lane. After September 30th the road will be closed to the public. Once the Contractor is shutdown due to winter weather, the road must be left in a condition that is accessible to the public. Between winter shut-down and June 1 (of the following year) if conditions permit the Contractor to re-start work, Parks is prepared to close the road to the winter users. From June 1 to September 30, the roadway must be open to the public during the day-time. If the Contractor elects to carry out night time construction operations during this time the road must in an acceptable condition that is accessible to the public by no later than 7:00 A.M.
11. **Clarification:** The Parks Canada Agency has decided that the optional work in the Contract for construction of the additional Visitor parking near the Cameron Lake Day Use Area will now be fully included in the project's Scope of Work and should no longer be considered a Provisional Item.
12. **Clarification:** Construction Schedule is biggest concern for Parks – Stakeholders want to see the schedule as soon as Project is awarded.

## **2.0 DOCUMENTS**

### **SECTION 32 93 10 Trees, Shrubs and ground cover planting**

#### **Add: 1.3.14**

- .14 Supply and installation of Tree protection fencing and supports shall be incidental to the work and no separate payment will be made.

#### **Add:**

### **2.6 TREE PROTECTION**

- .1 Fencing: 6ft high Galvanized steel Fixed knot game and wildlife fencing.
- .2 Supports: 8ft steel tee bar posts installed 2ft into the soil and placed on 1.5m spacing for single tree protection, 2.5m spacing for multiple tree groups with larger radius surrounds.

### **SECTION 31 24 13 Roadway Embankment**

#### **Replace: 1.5.3.1**

- .1 The Quantity of Excavation Borrow for which payment will be made shall be determined in cubic metre from survey cross-sections of the area of removal before excavation begins and after excavation is complete. Payment will be made under “**Unit Price Item 18d – Borrow Excavation**” and shall include cost of stripping, excavating, hauling, placing and compacting material for construction.

## **3.0 DRAWINGS**

### **REPLACE**

Drawing Numbers 151-06606-00-34, 151-06606-00-35 & 151-06606-00-36 are to be replaced with the revised Drawings included in the Amendment #4.

**Delete APPENDIX 1 - COMBINED PRICE FORM in its entirety and replace with the following:**

### APPENDIX 1 - COMBINED PRICE FORM

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

#### LUMP SUM

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.

	Specification Reference	Class of Labour, Plant or Material	Unit of Measurement	Estimated Quantity (EQ)	Price per Unit applicable tax(s) extra (PU)	Extended amount (EQ x PU) applicable tax(s) extra
<b>Schedule 1 - Akamina Parkway</b>						
<b>1</b>	<b>02 41 13.14</b>	<b>Asphalt Pavement Removal</b>				
a)		Cold Milling Asphalt Pavement (50mm Depth)	m2	900	\$ _____	\$ _____
b)		Asphalt Pavement Removal and Disposal	m2	9,000	\$ _____	\$ _____
c)		Sawcutting	m	2,620	\$ _____	\$ _____
<b>2</b>	<b>31 11 00</b>	<b>Clearing and Grubbing</b>	m2	14,000	\$ _____	\$ _____
<b>3</b>	<b>31 24 13 31 32 19.01</b>	<b>Road Embankment</b>				
a)		Common Excavation	m3	7,700	\$ _____	\$ _____
b)		Solid Rock Excavation - Premium	m3	560	\$ _____	\$ _____
c)		Borrow Excavation	m3	1,100	\$ _____	\$ _____
d)		Channel Excavation	m3	1,200	\$ _____	\$ _____
e)		Waste Excavation (800mm Depth)	m2	2,120	\$ _____	\$ _____

	Specification Reference	Class of Labour, Plant or Material	Unit of Measurement	Estimated Quantity (EQ)	Price per Unit applicable tax(s) extra (PU)	Extended amount (EQ x PU) applicable tax(s) extra
f)		Non-woven Geotextile Filter Fabric Type B - Supply and Install	m2	2,520	\$ _____	\$ _____
<b>4</b>	<b>31 22 16.16</b>	<b>Subgrade Preparation</b>				
a)		Prepare Subgrade to 150mm depth	m2	14,300	\$ _____	\$ _____
<b>5</b>	<b>31 22 16</b>	<b>Cleaning and Reshaping of Ditches</b>	m	1,930	\$ _____	\$ _____
<b>6</b>	<b>32 11 24</b>	<b>Load, Haul, Place &amp; Compact Granular Material</b>				
a)		Granular Fill Des. 6, Class 80	m3	1,260	\$ _____	\$ _____
b)		Granular Base Course Des. 2, Class 20	m3	4,794	\$ _____	\$ _____
c)		Granular Surfacing Des. 4, Class 20	m3	665	\$ _____	\$ _____
<b>7</b>	<b>32 12 16</b>	<b>Asphalt Concrete Pavement (EPS)</b>				
a)		Mix Type M1 (PG52-34)	tn	27,200	\$ _____	\$ _____
<b>8</b>	<b>32 17 23</b>	<b>Pavement Marking</b>				
a)		Roadway Lines - Supply and Paint (Lane Dividing line) (yellow)	km	16	\$ _____	\$ _____
b)		Roadway Lines - Supply and Paint (Lane Dividing line) (white)	m	270	\$ _____	\$ _____
c)		Pavement Message - Arrows	ea	6	\$ _____	\$ _____
d)		Pavement Message - Pedestrian Crossing	ea	2	\$ _____	\$ _____
e)		Parking Lines - Supply and Paint (white)	m	1,150	\$ _____	\$ _____
<b>9</b>	<b>34 71 13.25</b>	<b>Roadside Barrier</b>				
a)		W-Beam Guardrail - Remove, Salvage and Re-Install	m	5,150	\$ _____	\$ _____
b)		W-Beam Guardrail - Supply and Install	m	1,550	\$ _____	\$ _____
c)		W-Beam Guardrail - Remove and Dispose	m	630	\$ _____	\$ _____
d)		End Treatment - Remove and Dispose	ea	27	\$ _____	\$ _____
e)		End Treatment (Attenuator) - Supply and Install	ea	35	\$ _____	\$ _____

	Specification Reference	Class of Labour, Plant or Material	Unit of Measurement	Estimated Quantity (EQ)	Price per Unit applicable tax(es) extra (PU)	Extended amount (EQ x PU) applicable tax(es) extra
<b>10</b>	<b>33 05 13</b>	<b>Drainage</b>				
a)		Catch Basin - Supply and Install	ea	1	\$ _____	\$ _____
b)		Catch Basin - Adjustment	ea	2	\$ _____	\$ _____
c)		P.V.C. CB Lead - Supply and Install (300mm dia.)	m	50	\$ _____	\$ _____
d)		P.V.C. End Treatment - Supply and Install	ea	2	\$ _____	\$ _____
<b>11</b>	<b>33 42 13</b>	<b>Culverts</b>				
a)		Culverts - Remove and Dispose (< 800mm)	m	450	\$ _____	\$ _____
b)		Culverts - Supply and Install (300mm dia. C.S.P.)	m	20	\$ _____	\$ _____
c)		Culverts - Supply and Install (600mm dia. C.S.P.)	m	370	\$ _____	\$ _____
d)		Culverts - Supply and Install (800mm dia. C.S.P.)	m	90	\$ _____	\$ _____
e)		Cast In Place Headwalls - Supply and Install	ea	2	\$ _____	\$ _____
<b>12</b>	<b>10 14 53</b>	<b>Signs</b>				
a)		Removal and Reinstallation or Disposal of Existing Signs	ea	30	\$ _____	\$ _____
b)		Supply and Install Post (100mm x 150mm)	ea	33	\$ _____	\$ _____
c)		Supply of Signs, Aluminum	m2	7.0	\$ _____	\$ _____
d)		Install Sign - Less than 1 m2	m2	7.0	\$ _____	\$ _____
<b>13</b>	<b>32 16 15</b>	<b>Concrete Curbs and Medians</b>				
a)		Concrete Curb Removal and Disposal	m	50	\$ _____	\$ _____
b)		Concrete Curb - Supply and Install	m	80	\$ _____	\$ _____
c)		Solid Concrete Medians	m2	50	\$ _____	\$ _____
<b>14</b>	<b>32 91 19.13 32 92 22 32 93 10 10 14 55</b>	<b>Landscaping</b>				
a)		Topsoil Placement	m2	3,655	\$ _____	\$ _____

	Specification Reference	Class of Labour, Plant or Material	Unit of Measurement	Estimated Quantity (EQ)	Price per Unit applicable tax(s) extra (PU)	Extended amount (EQ x PU) applicable tax(s) extra
b)		Seeding	m2	3,655	\$ _____	\$ _____
c)		Planter Bed Preparation	m2	740	\$ _____	\$ _____
d)		Planter Bed Mulch	m2	740	\$ _____	\$ _____
e)		Lodge pole Pine - Supply and Instal	ea	12	\$ _____	\$ _____
f)		Douglas Fir - Supply and Install	ea	16	\$ _____	\$ _____
g)		Trembling Aspen - Supply and Install	ea	9	\$ _____	\$ _____
h)		Canada Buffalo berry	ea	60	\$ _____	\$ _____
i)		Western Snowberry	ea	62	\$ _____	\$ _____
j)		Shrubby Cinquefoil	ea	53	\$ _____	\$ _____
k)		Common Juniper	ea	110	\$ _____	\$ _____
l)		Prickly Rose	ea	94	\$ _____	\$ _____
m)		Parking Boulders - Supply and Install	ea	37	\$ _____	\$ _____
<b>15</b>	<b>10 14 55</b>	<b>Appurtenances</b>				
a)		Standard Concrete Parking Curbs	ea	164	\$ _____	\$ _____
b)		Metal Barrier Gates	ea	2	\$ _____	\$ _____
c)		Relocation of Existing Waste Bins	ea	7	\$ _____	\$ _____
<b>TOTAL EXTENDED AMOUNT 1 (TEA1)</b> Excluding applicable tax(s)						\$ _____
<b>Schedule 2 - Cameron Day Use Expansion</b>						
<b>16</b>	<b>02 41 13.14</b>	<b>Asphalt Pavement Removal</b>				
a)		Asphalt Pavement Removal and Dispose	m2	930	\$ _____	\$ _____
b)		Sawcutting	m	20	\$ _____	\$ _____
<b>17</b>	<b>31 11 00</b>	<b>Clearing and Grubbing</b>	m2	10,000	\$ _____	\$ _____

	Specification Reference	Class of Labour, Plant or Material	Unit of Measurement	Estimated Quantity (EQ)	Price per Unit applicable tax(es) extra (PU)	Extended amount (EQ x PU) applicable tax(es) extra
<b>18</b>	<b>31 22 19.01 31 24 13</b>	<b>Road Embankment</b>				
a)		Common Excavation	m3	590	\$ _____	\$ _____
b)		Channel Excavation	m3	20	\$ _____	\$ _____
c)		Non-woven Geotextile Filter Fabric Type B - Supply and Install	m2	2,420	\$ _____	\$ _____
d)		Borrow Excavation	m3	1,640	\$ _____	\$ _____
<b>19</b>	<b>31 22 16.16</b>	<b>Subgrade Preparation</b>				
a)		Prepare Subgrade to 150mm depth	m3	1,310	\$ _____	\$ _____
<b>20</b>	<b>32 11 24</b>	<b>Load, Haul, Place &amp; Compact Granular Material</b>				
a)		Granular Base Course Des. 2, Class 25	m3	762	\$ _____	\$ _____
<b>21</b>	<b>32 12 16</b>	<b>Asphalt Concrete Pavement (EPS)</b>				
a)		Mix Type M1 (PG52-34)	tn	700	\$ _____	\$ _____
<b>22</b>	<b>32 17 23</b>	<b>Pavement Marking</b>				
a)		Pavement Message - Arrows	ea	2	\$ _____	\$ _____
b)		Parking Lines - Supply and Paint (white)	m	370	\$ _____	\$ _____
<b>23</b>	<b>33 42 13</b>	<b>Culverts</b>				
a)		Culverts - Supply and Install (300mm dia. C.S.P.)	m	20	\$ _____	\$ _____
<b>24</b>	<b>10 14 53</b>	<b>Signs</b>				
a)		Removal and Reinstallation or Disposal of Existing Signs	ea	7	\$ _____	\$ _____
b)		Supply and Install Post (100mm x 150mm)	ea	4	\$ _____	\$ _____
c)		Supply of Signs, Aluminum	m2	10	\$ _____	\$ _____
d)		Install Sign - Less than 1 m2	m2	10	\$ _____	\$ _____
<b>25</b>	<b>32 91 19.13 32 92 22</b>	<b>Landscaping</b>				
a)		Topsoil Placement	m2	680	\$ _____	\$ _____
b)		Seeding	m2	680	\$ _____	\$ _____



	Specification Reference	Class of Labour, Plant or Material	Unit of Measurement	Estimated Quantity (EQ)	Price per Unit applicable tax(s) extra (PU)	Extended amount (EQ x PU) applicable tax(s) extra
<b>26</b>	<b>10 14 55</b>	<b>Appurtenances</b>				
a)		Standard Concrete Parking Curbs	ea	26	\$ _____	\$ _____
<b>27</b>	<b>01 25 00</b>	<b>Mobilization/Demobilization</b>	Lump Sum	1	\$ _____	\$ _____
<b>28</b>	<b>01 35 31</b>	<b>Traffic Accommodation</b>	Lump Sum	1	\$ _____	\$ _____
<b>TOTAL EXTENDED AMOUNT 2 (TEA2)</b> Excluding applicable tax(s)						\$ _____

<b>TOTAL BID AMOUNT (LSA +TEA1 + TEA2)</b> Excluding applicable tax(s)	
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**All other terms and conditions of the Invitation to Tender remain unchanged.**