



TENDER AMENDMENT

RETURN BIDS TO:

Parks Canada Agency
635 – 8 Avenue S.W., Suite 1300
Calgary, AB T2P 3M3
Bid Fax: (403) 292-4475

The referenced document is hereby amended: unless otherwise indicated, all other terms and conditions of the contract remain the same.

Issuing Office:

Parks Canada Agency
635 – 8 Avenue S.W., Suite 1300
Calgary, AB T2P 3M3

MODIFICATION D'APPEL D'OFFRES

RETOURNER LES SOUMISSIONS À :

Agence Parcs Canada
635 – 8 Avenue S.O., pièce 1300,
Calgary, AB T2P 3M3
N° de télécopieur pour soumissions : (403) 292-4475

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

Bureau de distribution :

Agence Parcs Canada
635 – 8 Avenue S.O., pièce 1300
Calgary (AB) T2P 3M3

Title: Brushing and Clearing, Trans-Canada Highway, Banff National Parks Nettoyage et débroussaillage, route transcanadienne, parcs nationaux de Banff		
Solicitation No.: / N° de l'invitation : 5P420-15-5293/A	Amendment No.: / N° de modification de l'invitation : 004	Date: January 27, 2016 Date : 27 janvier 2016
GETS Reference No.: / N° de référence de SEAG : PW-16-00714864		
Solicitation Closes: / L'invitation prend fin :		
At: 02:00 PM	On: January 29, 2016	Time Zone: Mountain Standard Time (MST)
À : 14h00	Le : 29 janvier 2016	Fuseau horaire : Heure normale des Rocheuses (HNR)
Address Inquiries to: / Adresser toute demande de renseignements à : Nicole Levesque-Welch		
Telephone No.: / N° de téléphone : (403) 292-4691	Fax No.: / N° de télécopieur : (403) 292-4475	Email Address: / Courriel : nicole.levesque-welch@pc.gc.ca
TO BE COMPLETED BY THE BIDDER (type or print)		
Vendor/Firm Name – Nom du fournisseur/de l'entrepreneur		
Address - Adresse		
Name of person authorized to sign on behalf of the Vendor/Firm Nom de la personne autorisée à signer au nom du fournisseur/de l'entrepreneur		
Title - Titre		
Signature		Date



This amendment is being raised to respond to questions submitted in response to solicitation 5P420-15-5293/A:

A. CORRECTIONS TO SPECIFICATIONS:

Section 31 11 00 Brushing

DELETE:

Article 1.2.3

Quantities for payment for cleaning, chipping, loading, hauling and stockpiling chippings, or removing chippings from BNP, or removing chippings by incineration or other methods as directed by the Departmental Representative, will be paid under "Unit Price Item 1b) – Cleaning, Chipping & Removal" and will be measured based on measurements in hectares of land acceptably cleaned and processed according to these specifications, and shall include all labour, equipment and material to satisfactorily complete this item of work.

REPLACE WITH:

Quantities for payment for cleaning, chipping, loading, hauling, stockpiling and incineration of vegetative material and debris, or removing and disposing of vegetative material and debris from BNP, will be paid under "Unit Price Item 1b) – Cleaning, Chipping & Removal" and will be measured based on measurements in hectares of land acceptably cleaned and processed according to these specifications, and shall include all labour, equipment and material to satisfactorily complete this item of work.

DELETE:

Article 1.3.5

Removal means loading, hauling and removal of debris from BNP by trucking or incineration or as directed by the Departmental Representative. Stockpile size and locations shall be as directed by the Departmental Representative.

REPLACE WITH:

Removal means loading, hauling and disposal of non-merchantable timber, vegetative material and debris from BNP by trucking or incineration. Stockpile size and locations shall be as directed by the Departmental Representative.

DELETE:

Article 3.3.2

Removal and disposal of vegetative material and debris will be as directed by the Departmental Representative, including;

- .1 Chipping all vegetative material and hauling and removing it from BNP.
- .2 Hauling, stockpiling and incinerating vegetative material and debris at a location directed by the Departmental Representative.
- .3 Other methods for removal and disposal of vegetative materials and debris as directed by the Departmental Representative.

REPLACE WITH:

Approved methods for removal and disposal of vegetative material and debris shall include:

- .1 Chipping all vegetative material and debris and hauling and disposing of it at an approved Contractor supplied location outside of BNP.
- .2 Hauling, stockpiling and incinerating vegetative material and debris at Mannix Pit or other locations as approved by the Departmental Representative.

DELETE:

Article 3.3.3

Cut timber greater than 150 mm diameter at the base to suitable lengths and stockpile as directed by the Departmental Representative. Stockpiled timber becomes property of the owner.

REPLACE WITH:

Cut timber greater than 150mm diameter at the base to 6-12m lengths suitable for hauling and stockpile at an approved location within Mannix Pit as directed by the Departmental Representative. Stockpiled merchantable timber becomes the property of the owner.



DELETE:

Article 3.3.5

All vegetation containing non-native species will be piled and burnt or bagged and removed off site to a disposal facility.

REPLACE WITH:

All vegetation containing non-native species will be hauled, stockpiled and burnt at an approved location within Mannix Pit or hauled and disposed of at an approved Contractor supplied location outside of BNP

DELETE:

Article 3.3.6

Piles will be made where trees are felled, files will be 1.2-1.8 m (4 to 6 feet) in diameter and no more than 1.2 m (4 feet) high (approximately 1 to 3 trees per piles) or as instructed by local fire and vegetation specialists.

REPLACE WITH:

Vegetative material and debris hauled and stockpiled in Mannix Pit shall be incinerated using a curtain burner or approved equivalent incinerating device.

DELETE:

Article 3.3.7

DELETE:

Article 3.3.8

Section 01 35 43 ENVIRONMENTAL PROCEDURES

DELETE:

Article 3.5-3.8

B. QUESTIONS AND ANSWERS:

- Q2. Will there be any requirements to shut down due to snowfall and snow removal along the TCH?
- A2. The Trans-Canada Highway will be plowed throughout the winter and the Contractor shall not impede the plowing operations. No hauling will be permitted during inclement weather.
- Q3. If we create burn piles for debris that is too far away from the road to efficiently chip and haul, is it our responsibility to come back in the fall of 2016 to burn?
- A3. Refer to Corrections to Specifications (above).
- Q4. Can we cut the existing fence in locations to access the work behind?
- A4. Refer to Section 01 35 43 Part 3.3.1 and Section 31 11 00 Part 3.2.5
- Q5. Unit Price Table: Brushing item a) says "Fence Line Clearing" and item b) says "Clearing". What is the difference between the two?
- A5. Delete Brushing Unit Price Item 1 b) Clearing, Chipping & Removal from Price Form and Insert Brushing Unit Price Item 1 b) Cleaning, Chipping & Removal. See below for amended Annex A.
- Q6. BA06 Construction Time and Tender Specs Summary of Work Section 1.8 Work Sequence states that the Contractor shall perform and complete all Work by June 15, 2016. All brushing and vegetation cutting must be completed by March 31, 2016. **Question:** Does this mean we would be able to do site clean-up, debris management (clearing, chipping & removal) and the like up to June 15 as long as all the cutting has been completed by March 31?
- A6. Yes.



- Q7. Tender Specs Summary of Work Section 1.10.1 states “The Department Representative will identify location of all work sites. The Contractor shall be responsible for all other layout of work” **Question:** Does this mean that we are to measure and mark the extent of the brushing and clearing area? What is the allowable error in measurements? What survey/layout equipment is required?
- A7. The Contractor is responsible for all other layout of work. Flagging can be used to demarcate the limits of brushing and clearing. The allowable error in measurement for the brushing / clearing limits will be 1m ±.
- Q8. Tender Specs Work Restrictions Section 1.5.4 states “The Contractor is responsible for the development and supply of construction access to the Work as approved by the Departmental Representative.” **Question:** How does this apply to brushing and clearing activities? Are we to be constructing access?
- A8. Refer to Section 01 35 43 Part 1.6. Some sections of the clearing work split off from the roadway and the Contractor shall plan to access these locations in accordance with their approved Environmental Protection Plan.
- Q9. Tender Specs Work Restrictions Section 1.7.7 states “Contractor to coordinate, design, permit and construct permanent underground electromat service connections to the nearest available power supply including all required coordination, design and permits for the supply and installation of the power supply components”. **Question:** How does this apply to brushing and clearing activities? Are we to be doing electromat work?
- A9. This clause does not apply to the brushing and clearing activities. The Contractor will not be constructing electromats.
- Q10. Tender Specs Work Restrictions Section 1.10.2 states “Flag persons shall be provided when vehicles are entering or exiting Work Site access points and when vehicles are entering or exiting gravel pits in the park.” **Question:** Does this clause apply to all vehicles that we will be using for brushing and clearing such as pickup trucks?
- A10. Yes.
- Q11. Tender Specs Allowances Section 1.2.4 and 1.2.5 states “Prime Cost Sum includes but not limited to Relocation or removal and disposal of existing signs, guardrails, concrete barrier, guide posts and other miscellaneous items; supply and installation of fence accessories, gates; mechanical seeding; additional surveying...; stripping, excavation and/or disposal of waste materials; remediation or removal and replacement of unsuitable or contaminated soils; supply and installation of landscaping; transplanting or rare plant species; rehabilitation work in pits; removal or excavation of rock” **Question:** How does this apply to brushing and clearing activities? \$37,000 in Prime Cost Sum seems underfunded for these activities – is more funding available?
- A11. The use of the Prime Cost Sum will be determined by the Departmental Representative. Refer to Section 01 21 00 Part 1.2.3.
- Q12. Tender Specs Allowances Section 1.3.1 to 1.3.5 discusses negotiated rates. **Question:** Are we to be providing our hourly rates with the bid or is this to be discussed when Prime cost Sum Work is identified?
- A12. Hourly rates are not to be included with bids.
- Q13. Tender Specs Project Management and Coordination Section 1.4.3, Section 1.5.3 and Section 1.5.4 discusses physical space, field offices, sheds and the like. **Question:** Is it the intent of the contract that we are to provide office trailer(s) and site services for our field staff for the duration of the brushing and clearing work? If so, under what category are the costs to be included?
- A13. Refer to Section 01 25 20 Part 1.2 and Part 1.3.
- Q14. Tender Specs Health and Safety Procedures Section 1.14.1.1 states “Health and Safety Co-ordinator must have minimum 2 year site-related working experience specific to activities associated with roadway construction” **Question:** How does this apply to brushing and clearing activities? Can we substitute this person?
- A14. Refer to Section 01 35 29.06 Part 1.14.1.5



- Q15. Tender Specs Special Procedures for Traffic Control Section 1.3 discusses pot hole repair and snow removal to be done at no additional payment. **Question:** How does this apply to brushing and clearing activities? Can you give some estimate of how much work this would?
- A15. Roadway cleaning and maintenance issues resulting from brushing and clearing activities will be the responsibility of the Contractor. It will be the Contractor's responsibility to clear snow as required to meet the contract requirements. No estimate can be provided for traffic accommodation work.
- Q16. Tender Specs Special Procedures for Traffic Control Section 1.8.2 states "The Contractor shall supply, install and maintain two portable Changeable Message Signs (CMS) to inform traffic of construction delay...." **Question:** How does this apply to brushing and clearing activities? Is it expected that the clearing and brushing activities will delay traffic?
- A16. Some sections of the brushing are directly adjacent to the roadway. Refer to the Tender Drawings.
- Q17. Tender Specs Environmental Procedures Section 1.6.3 states "Refer to the Best Management Practices (BMP) for the Work on Trans-Canada Highway (TCH) in Banff National Park included with this tender" **Question:** BMP is not included with tender, can you provide for incorporation into our EPP?
- A17. Please refer to the BMP included with this amendment titled "Parks Canada National Best Management Practices; Roadway, Highway, Parkway and Related Infrastructure."
- Q18. Tender Specs Environmental Procedures Section 1.11.5 states "The Contractor shall prevent blowing dust and debris by covering and/or providing dust control...." **Question:** How does this apply to brushing and clearing activities?
- A18. Dust and debris may be produced during debris removal activities.
- Q19. Tender Specs Environmental Procedures Section 1.14.1 discusses firefighting equipment. **Question:** How does this apply to brushing and clearing activities as the majority of work will be conducted during snow/wet conditions and outside of fire season?
- A19. Fire prevention measures must be undertaken. Refer to Section 01 35 43 Part 1.14.
- Q20. Tender Specs Environmental Procedures Section 1.18 .4 states "The Contractor shall provide toilets at the work sites..." **Question:** As the brushing and clearing activities will be non-stationary work sites, what is the intent of this clause? Are we to provide mobile porta potty style facilities?
- A20. The Contractor is expected to provide facilities for their staff. Facilities owned by Parks Canada may be made available to the Contractor as granted by the Departmental Representative.
- Q21. Tender Specs Environmental Procedures Section 3.3, Section 3.4, Section 3.5, Section 3.6, Section 3.7, Section 3.8 and Section 3.9. **Question:** How do these sections apply to brushing and clearing activities?
- A21. Refer to Corrections to Specifications (above). Sections not relevant have been removed.
- Q22. Tender Specs Quality Control. **Question:** How does this section apply to brushing and clearing activities?
- A22. Refer to Section 01 45 00 Part 1.6.1: The Contractor shall prepare a Quality Control Program. The purpose of the program shall be to ensure the performance of the Work in accordance with Contract requirements.
- Q23. Tender Specs Construction Facilities. **Question:** How does this section apply to brushing and clearing activities?
- A23. This Section contains requirements for Site Storage / Loading; Construction Parking; Security; Equipment, Tool and Materials Storage; and Sanitary Facilities; Construction Signage.
- Q24. Tender Specs Examination and Preparation. **Question:** How does this section apply to brushing and clearing activities?



- A24. This Section contains Layout Requirements. Refer to Section 01 71 00 Part 1.5.
- Q25. Tender Specs Cleaning. **Question:** How does this section apply to brushing and clearing activities?
- A25. This Section contains requirements for Project Cleanliness and Final Cleaning.
- Q26. Can we also please get a geo-referenced map of the entire site?
- A26. No, bidder to refer to Tender Drawings
- Q27. Under Section 31, Part 3, Sub-part 3.3 of the specifications, Point .2 gives three possibilities for vegetation disposal. The first two points have very different costs as may the third. That is if these other methods are ever made known. My question is, how will the vegetation be disposed? If multiple methods are to be used, what percentages of the total waste amount is to be chipped and what percentage is to be burnt? I also must bring to your attention, a major contradiction just eleven lines apart. .2.2 states that vegetative material will be hauled, stock piled and incinerated and .6 states that burn piles are to be made where trees fall. Clarification is also needed on .3 Where are stockpiles of timber to be located? Onsite? A central location?
- A27. Refer to Corrections to Specifications (above)
- Q28. Section 01 32 1`6 07 item 1.7 Project Milestones states that all work is to be complete by June 15, 2016 - but under the spec for Brushing Section 31 11 00 Item 3.3.8 it tells me to leave brush piles until fall for burning to allow for curing of green fuels. Which will it be?
- A28. Refer to Corrections to Specifications (above). All work is to be completed by June 15 2016.
- Q29. Section 31 11 00 Item 3.3.3 tells me that cut timber to be stockpiled and will become property of owner. Is stockpiling along right of way acceptable? Will the owner make arrangements for the loading and removal? Section 31 11 00 Item 1.2.7 says the contractor will make arrangements so which will it be?
- A29. Refer to Corrections to Specifications (above). Merchantable timber to be stockpiled at Mannix Pit, BNP. If requested by the Owner, the Contractor will be expected to arrange for the sale and removal of the cut timber and any cost / credit for the sale of merchantable timber will be made under Lump Sum Item 3 – Prime Cost Sum.
- Q30. Section 31 11 00 Item 3.3.2 tells me that the method of brushing, chipping, hauling, burning etc is entirely at the direction of the Dept representative. Can you be more specific? My tender may end up being based on a method which may not be in accordance with the owners preferred method.
- A30. Refer to Corrections to Specifications (above)
- Q31. Drawings contained in the file, -15-5293.zip are marked with a notification in very bold type: NOT FOR CONSTRUCTION. Can it be assumed that the new fenceline and thus required brushing is reasonably represented by these drawings? If not, when will the proposed locations be made available to bidders?
- A31. Yes.
- Q32. A substantial portion of the new fenceline as currently shown, appears to be immediately adjacent to the Legacy Trail. Will this trail be formally closed to public use until contract completion date of June 15, 2016?
- A32. The Legacy Trail is closed seasonally until mid-April after which time it will remain open to the public.
- Q33. When approaching frozen creeks with the mulchers, can we use wooden swamp-mats to cross them?
- A33. Determination of work methods will lie with the Contractor, all work must be in accordance with the Contract Documents.



- Q34. Can we machine cross frozen water source areas if they are completely frozen solid or do we have to re-load, truck around and un-load?
- A34. Determination of work methods will lie with the Contractor, all work must be in accordance with the Contract Documents.
- Q35. What do we do if there are several creeks in close proximity with no safe unloading area for equipment?
- A35. Determination of work methods will lie with the Contractor, all work must be in accordance with the Contract Documents.
- Q36. There is a dichotomy within the tender: under the Summary of work pg. 3; clause 1.5 the project location goes from the east boundary gate to the west boundary km 81.9. The associated line maps only go to km 28. The first page of the mapping shows the project area which does not include the length to the west gate. We need clarity on the total length and scope of the brushing/clearing please.
- A36. The locations listed under Section 01 11 00 Part 1.5.1 are key locations relative to the project (for reference). The locations of work under this Contract are shown on the Tender Drawings.
- Q37. Where can I find the rest of the line maps?
- A37. The Drawings are complete.
- Q38. Can we fuel beside the highway or do we need to fuel in the ditch r.o.w.?
- A38. Refer to Section 01 35 43 Part 1.12
- Q39. Please clarify the Repair and Replacement of the Wildlife Exclusion Fence paragraph 4 and 5 discuss fencing and electromats: the electromatting and fence supplies have been - or will be contracted by others, but there is no mention of fence installation in the "work covered by contract documents" (1.4) or in the "work by others" (1.7).
- A39. The electro-mat construction and fencing material supply and installation is not part of this Contract.
- Q40. Is the fence installation covered by another contract or is it part of this tender?
- A40. The fence installation is not part of this Contract.
- Q41. Is it to be understood that snow clearing is the complete area of construction or can snow be left for a buffer? If it has to be cleared can it be stockpiled on easement on highway?
- A41. The Trans-Canada Highway will be plowed within the project area. It will be the Contractor's responsibility to clear snow as required to meet the contract requirements.
- Q42. The survey stakes that are present do they represent the limit of work area on both south and north ends
- A42. The stakes as they currently are represent (reasonably) the proposed fencing alignment. The Departmental Representative will be available to ensure that the layout is in accordance with the Drawings.
- Q43. The clearing on the other side of the existing fencing will this mean fencing will have to be removed and reinstall or just removed and left for next contract to haul away and dispose of?
- A43. Refer to Section 01 35 43 Part 3.3.1 and Section 31 11 00 Part 3.2.5
- Q44. For the mulching and leaving on site how will this percentage be calculated or should we base that most of material will be hauled off site?
- A44. Refer to Corrections to Specifications (above)



- Q45. The area marked for clearing on the drawings from 6+250 to 7+900 and 8+300 to 11+400 on the South side of the Highway doesn't include clearing for the proposed fence line. The trees and brush in this area are really thick, also the pathway runs on the North side of it. Are these areas supposed to be cleared also?
- A45. The proposed fence line runs in close proximity to the CP Rail line, and due to project requirements these areas have been excluded from clearing under this Contract.
- Q46. On the list for project locations (see below) it states Km 0.0 to west boundary Km 81.9, in the tender package there was only maps provided up to Km 26.6. What is the correct areas to quote on as no maps have been provided for the areas of Km 26.6 to Km 81.9?
- A46. The locations listed under Section 01 11 00 Part 1.5.1 are key locations relative to the project (for reference). The locations of work under this Contract are shown on the Drawings.
- Q47. If the actual areas is to be up to Km 81.9, I would ask for a bid extension so we can look at the balance of the area as we only went by the maps for the actual area or brushing. Are there additional maps for the rest of the area?
- A47. The locations of work under this Contract are shown on the Drawings.

C. CHANGES – ANNEX A – PRICE FORM:

DELETE: In its entirety

REPLACE WITH: See following page for changes to line item b).

All other terms and conditions remain the same.



ANNEX A 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 TABLE

Note: Bidders are reminded that it is their responsibility to include in their bid all work as described in the drawings and specifications. Pricing for work not accounted for in the Unit Price Table including but not limited to Mobilization, De-Mobilization, etc. is to be included in the Lump Sum Table.

Item No.	Specification Reference	Class of Labour, Plant or Material	Unit of Measurement	Estimated Quantity	Estimated Total Price GST/HST extra
1	01 25 20	Mobilization/Demobilization	Lump Sum	1	\$ _____
2	01 35 00.06	Traffic Accommodation	Lump Sum	1	\$ _____
3	01 21 00	Prime Cost Sum	Lump Sum	1	\$37,000.00
TOTAL LUMP SUM AMOUNT (LSA) Transfer amount to subparagraph 1) (a) of BA03					\$ _____

UNIT PRICE TABLE

The Unit Price Table designates the Work to which a Unit Price Arrangement applies and the Lump Sum Amount designates Work to which a Lump Sum Arrangement applies.

- (a) The Price per Unit and the Estimated Total Price must be entered for each item listed.
- (b) Work included in each item is as described in the referenced specification section.

Item No.	Spec. Reference	Class of Labour, Plant or Material	Unit of Measurement	Est. Qty	Price per Unit GST/HST extra	Estimated Total Price GST/HST extra
1	31 11 00	Brushing				
		a) Brushing and Fence Line Clearing				
		i. TCH km 0-27	ha	82.1	\$ _____	\$ _____
		b) Cleaning, Chipping & Removal				
		i. TCH km 0-27	ha	82.1	\$ _____	\$ _____
TOTAL UNIT PRICE AMOUNT (TEA) Transfer amount to subparagraph 1) (b) of BA03					\$ _____	

Note: Bidders are reminded that it is their responsibility to include in their bid all work as described in the drawings and specifications.