



## RETURN BIDS TO:

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Bid Receiving Public Works and Government  
Services Canada/Réception des soumissions Travaux  
publics et Services gouvernementaux Canada  
800 Burrard Street, Room 219  
800, rue Burrard, pièce 219  
Vancouver  
British Columbia  
V6Z 0B9  
Bid Fax: (604) 775-9381

## 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 - Pacific  
Region  
800 Burrard Street, Room 219  
800, rue Burrard, pièce 219  
Vancouver  
British C  
V6Z 0B9

<b>Title - Sujet</b> Highway Maintenance & Repair	
<b>Solicitation No. - N° de l'invitation</b> EZ011-172342/B	<b>Amendment No. - N° modif.</b> 004
<b>Client Reference No. - N° de référence du client</b>	<b>Date</b> 2017-07-25
<b>GETS Reference No. - N° de référence de SEAG</b> PW-\$PWY-020-8075	
<b>File No. - N° de dossier</b> PWY-6-39261 (020)	<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 2017-07-31</b>	<b>Time Zone</b> <b>Fuseau horaire</b> Pacific Daylight Saving Time PDT
<b>F.O.B. - F.A.B.</b> <b>Plant-Usine:</b> <input type="checkbox"/> <b>Destination:</b> <input checked="" type="checkbox"/> <b>Other-Autre:</b> <input type="checkbox"/>	
<b>Address Enquiries to: - Adresser toutes questions à:</b> Ly, Ronny(PWY)	<b>Buyer Id - Id de l'acheteur</b> pwy020
<b>Telephone No. - N° de téléphone</b> (604) 318-5750 ( )	<b>FAX No. - N° de FAX</b> (604) 775-6633
<b>Destination - of Goods, Services, and Construction:</b> <b>Destination - des biens, services et construction:</b> PWGSC - km 133 to km 968 - Alaska Highway, BC	

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>

Solicitation No. - N° de l'invitation

EZ011-172342/B

Amd. No. - N° de la modif.

004

Buyer ID - Id de l'acheteur

pwpy020

Client Ref. No. - N° de réf. du client

File No. - N° du dossier

CCC No./N° CCC - FMS No./N° VME

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Les documents français seront disponibles sur demande

Please find Addendum #2 herein.

All other terms and conditions remain unchanged.

***The following changes/clarifications in the tender documents are effective immediately.  
This addendum will form part of the contract documents.***

This addendum is issued to answer questions from potential bidders, and provide clarification to the Request for Proposal as attached hereto.

#### **Clarification to the Request for Proposal**

On Page 25 of the Request for Proposal – **SRE 02 SUBMISSION REQUIREMENTS AND EVALUATION**

**Delete in its entirety:**

Paragraph 4

**Insert:**

Proponents' responses will be evaluated against the definitions and information requirements as described by these Evaluation Criteria. Proponents should ensure that all responses provide the necessary details regarding dates and demonstrative project experience. Points will be awarded solely on the basis of information as explicitly written in the Proponent's response. Once individual evaluations by the evaluation team have been completed an attempt to reach a consensus score will be conducted under the observation of the Fairness Monitor and Contracting Authority. If a consensus score cannot be reached, an average score from all evaluators will be taken as the overall score for each point-rated criteria.

On page 6 of the Specification, in section 01 11 00 – Summary of Work, .3 – Winter Equipment:

**Insert:**

.6 The awarded contractor is required to match all mandatory equipment at contract start and duration of the contract including contract extensions if applicable  
Substitutions to a lower standard are not acceptable at any time. All equipment is subject to regular inspections in the duration of the contract by the Departmental Representative or by a third party which has been authorized by the Departmental Representative to execute the inspections. Any event of non-compliance of equipment will lead to a Type-1 Non-Conformance report with a response time of 48 hours.

The Departmental Representative has the right to refuse payment for work executed with non-compliant equipment.

#### **Questions and Answers Received from Potential Bidders**

Q1) Specification 01 33 00, 1.6.1.2 - Premobilization Submittals states that the Contractor shall have a COR or accepted Safety Plan by PWGSC including a site specific Health and Safety Plan acceptable to the Departmental Representative. Please confirm that if the company does not currently maintain a COR in BC that it is acceptable to provide our Safety Plan for your review and approval until we are able to apply for COR.

A1) Yes. Provide Health and Safety plan as per contract specifications.

Q2) Specification 01 35 43, 1.9.1 – Emergency Spill Response states that a designated Health & Safety Representative is present on site while personnel are working in association with hazardous materials, fueling and other environmentally sensitive operations. The representative must have received training equivalent to OSHA 40 hour hazardous waste operations and emergency response training course. As the contract only requires one Health and Safety Representative, this requirement does not seem feasible to achieve given the length of the road to cover and could impede the work if they are required in more than one area at once. Please advise if this training could be extended to all employees?

A2) Yes. Training could be extended to all employees, but must be monitored by the Departmental Representative and/or Supervisor on a weekly/monthly basis.

Q3) Specification 02 61 23 addresses Hazardous Materials however it does not provide any direction on handling and removal of road kill nor does it provide disposal locations. Please provide clarification on this.

A3) Handling and removal of road kill and disposal locations will be at the discretion of Departmental Representative. Payment will be made through unscheduled labour/auger truck.

Q4) Specification 38 31 00 - Cleaning Bridges references a Memorandum of Understanding from DFO. Please provide a copy of this document.

A4) See Addendum #1.

Q5) As per Specification 32 21 00 and 32 94 11.05 the minimum engine size required is 15 liter, 475HP. Please advise if 13 liter, 475 HP engine would be acceptable?

A5) No, requirement is as per Section 32 21 00 and 32 94 11.05, minimum engine size 15 litre, 475hp.

Q6) Please advise if the anti-ice trucks are included in the fleet of the 21 trucks? If so, what is the required number of gravel boxes?

A6) No, anti-icing trucks in specifications, but all twenty one (21) trucks must have calcium tanks mounted on sides of slide-in sanders for pre-wetting capabilities. See Mandatory Equipment List – Addendum #1. PSPC doesn't do anti-icing at present time, calcium is solely used for pre-wetting capabilities. All 21 – 2018 must have gravel boxes, for hauling material requirements for summer activities and for placement of slide –in sanders for winter months.

Q7) As per Specification 32 21 00, please advise if the picker/auger trucks are included in the fleet of 21 trucks?

A7) No, auger/picker truck is a separate unit. See mandatory equipment list – Addendum#1.

Q8) As per Specification 32 21 00, the Contractor requires trucks with one way plows? Would two way plows be acceptable?

A8) Yes, two-way front plows would be acceptable.

Q9) As per Specification 32 21 00, the Contractor requires trucks to have wings and underbody plows on all trucks? Please advise if this requirement is accurate or the intent is to have one or the other? If it is the latter, please specify the quantity required for each.

A9) Yes, requirement is accurate. See Section 32 21 00 for truck specification requirement. All twenty one (21) trucks must have 6 way, underbodies, rear mount wings, front plows (one way) and slide in sanders with side calcium tanks for pre-wetting.

Q10) As per Specification 32 21 00, the Contractor requires rear mount wings. Would mid mount wings be acceptable?

A10) No, as per Section 32 21 00. Rear mounted wings.

Q11) As per Specifications 32 94 11.05 Tandem Dump Trucks - it is our understanding that the Contractor needs to supply Tandem Dump Trucks (not clear on the required numbers). Additionally, as per Specification 32 21 00 – Snow Removal and Ice Control, the Contractor requires 21 Tandem Dump Trucks with hydraulic powered slide-in spreaders. Please confirm that the number of dump trucks required under Specification 32 94 11.05 are included in the fleet of 21 trucks required under specification 32 21 00? Also, can the boxes be combination sanders or do they have to be slide-in sanders?

A11) Contractors to provide twenty one (21) tandem dump trucks as per Sections 32 94 11.05 and 32 21 00. – See mandatory equipment list in Addendum#1.

Q12) It is our understanding that operating National Safety Code (NSC) vehicles (e.g. Snow plow trucks) on public highways in British Columbia falls under the federal regulations, please advise if this is the case or if there are any exemptions in place for this work?

A12) Contractors must follow Provincial and Federal Regulations.

Q13) Would it be possible to obtain the native files for the Combined Price Form and the Price Proposal Form?

A13) No. Required information is on Buyandsell.gc.ca.

Q14) Will Canada be doing baseline environmental assessments of all sites prior to the new contractor entering the site?

A14) Yes, the sites will have baseline Environmental Assessments prior to the new contractor entering the site.

Q15) The Contractor would like to request a 2 week extension for the submission of this proposal.

A15) See Buyandsell.gc.ca for extension period (July 31<sup>st</sup>, 2017), 2:00pm P.D.T.

Q16) Would it possible to obtain a list of bridges to be cleaned annually with length and width measurements, as well as their respective bridge rail height? As per Worksafe BC's Occupational Health and Safety Regulation Part 04 General Conditions, Work Area Guards and Handrails and Part 11 Fall Protection, a "guardrail" means a guard consisting of a top rail 102 cm to 112 cm (40 in to 44 in) above the work surface, and we are to ensure that guardrails meeting the requirements are used or that other means of fall restraints are in use. Alternatively, the cleaning of bridges can be performed by specialized equipment at a distance of 1.8 meters from the edge.

A16) Total twenty four (24) and two (2) Guiderail sections as per 3.2.5 Operation in Section 38 31 00. A list of bridges will be provided at the time of the award. Contractor should/will have to provide all requirements to complete tasks in a safe manner for all employees working completing all activities in the contract.

Q17) As per Section 32 21 00 1.41, payment for snow removal, ice control and removal of glaciation ice to be measured in hours of equipment operations based on the tiered unit prices in the Unit Price Table. Cumulative annual hours shall be calculated for each winter season (typically October 15 to April 15). Are the cumulative annual hours used to the appropriate unit price (11a, 11b, 11c or 11d) calculated for each Tandem Dump Truck or for the fleet as a whole?

A17) For the fleet as a whole.

Q18) As per Section 32 12 16.7, payment for deep patching will be measured in cubic meters of excavated material. How will the quantity of excavate material be determined?

A18) Contractor's Supervisor and Departmental Representative will measure and calculation will be agreed upon at each location activity is completed.

Q19) Please provide diagram indicating location of oil/water separators as indicated in Section 01 52 00 1.1.3.

A19) As per contract Section 01 52 00. Locations of oil/water separators will be provided at the time of construction/ installation.

Q20) As per Section 01 52 00 1.1.3, install or upgrade for product transfer areas at Fireside, Toad River and Muncho Lake may be required. What is the current state of the existing ones and please advise on what is expected in terms of upgrades? We understand that these will be the responsibility of the successful contractor, as per A48 of Addendum No.1 and the speculations.

A20) At the present time all 3 sites just have double walled storage tanks for fuels (Diesel/Gas). These sites will have to be upgraded to current standards similar to Wonowon/Steamboat.

Q21) As per Section 32 17 23 3.2.2, white directional arrows/message identification markings are to be painted in addition to the edge lines and dividing lines. Please provide a list of markings and locations, in addition to the acceleration/deceleration lane locations.

A21) Refer to Page 107, 108, 109 of Section 32 17 23, indicates locations of white directional arrows/message identification markings.

Q22) As per Section 32 21 99 3.1.1 and 38 61 00 3.1.1, please confirm that the only pre-wetting will be required, and that there will be no direct application of de-icing agents.

A22) Pre-wetting will only be required. At the request of the Departmental Representative, anti-icing could be carried out using a water truck if available.

Q23) As per Section 32 01 18 Part 2.2 it states to use CRS-2 Rapid Setting Cationic Asphalt Emulsion binder for Spray patching, but we request the substitution of this product for WSPE-1, which has recently been approved for another project in this area.

A23) Substitution of WSPE-1 will be accepted/considered if contractor provides information of product, and approved by Departmental Representative.

Q24) As per A2 of Addendum No.1, there will be no additional payment for the brushing of wider sections of the right of way. Please provide the average distance from treeline to treeline to be used for pricing of bid item No.4.

A24) Contractor will have to bid as per contract specifications. Right of way has numerous width variations, right of way must be brushed treeline to treeline.

Q25) The RFP's estimated 5 year quantity for Spot Sealing is 4,000 tonnes of emulsion. Is that number and unit of measure correct? That would equate to between 1.7M m<sup>2</sup> and 2.6M m<sup>2</sup> of spot sealing, depending on the oil over m<sup>2</sup> rate used, over the five (5) year contract. Please confirm as that would affect the equipment required to accomplish that work each summer.

A25) Yes, that number and unit of measured is correct. The area (m<sup>2</sup>) per year would be approximately 440,000m<sup>2</sup> for spot sealing.

Q26) GC2.6 (2008-05-12) Superintendent –notes that “The Superintendent shall be in full charge...”, but Specifications Summary of Work Section 00 11 00.4.2 states: “contractor to provide Operations Manager to reside in Fort Nelson and two Site Superintendents”. This is further addressed in Addendum #1 Q&A 41) “Yes, replaced with Operations Manager and two (2) Superintendents.” Please clarify that there shall be only a single Superintendent per GC2.6 (2008-05-12).

A26) There will only be a single Superintendent (Operations Manager) to reside in Fort Nelson, and two (2) Site Superintendents (Foremen). One to reside at Sikanni Maintenance Camp and one to reside at Liard Maintenance Camp.

Q27) Who retains title and ownership of the mobile homes that are provided to the Department Representatives at the start of the contract? Are these the Contractors? Or Canada?

A27) Contractors.

Q28) Along the same note then, who would own the trailers currently being used by the Department Representatives? If they are owned by Canada, are they available for purchase?

A28) Contractors own trailers provided to Departmental Representative at Sikanni and Liard.

Q29) A clarification on the Addendum #1 if you could. Question #50 and A#50 addresses the House Trailer question. A#50 states that the contractor must provide 10 (2015) or new camp trailers, and two at each camp.

A29) See mandatory equipment list, it includes 10-2015 or newer and 10-2009 or newer trailers ( 1-2015 and 1-2009 at each camp).

Q30) I am assuming these 10 trailers do not include the 2 for the Department Representative?

A30) Correct. Departmental Representative's is 2018 or newer. See Mandatory Equipment List – Addendum #1.

Q31) Also, regarding Prophet River. There is not currently a camp there. Are you expecting a camp to be constructed?

A31) Prophet River – Contractor has a choice to do either, construct a camp or lease from Prophet River First Nations or alternate.

Q32) In ABES.PROD.PW\_.B020.E8075.ATTA002.PDF – Please confirm what is meant by an extendable' side wing. Is this an industry standard side wing?

A32) As per contract specifications, Section 38 21 00 3.2.12.

Q33) On Page 122 of the specifications it states that it is required to have water tanks: "minimum four (4) 11,000 litre capacity complete with cab operated spray bar and 100 mm pump". Then on page 143 it talks about "Two (2)2018 or newer, water trucks with front sweepers for dust control." In the mandatory equipment list (from the addendums) it also lists that "Two new water trucks as per Section Broom Highway – 38 41 00, Clause 3.2.2" are mandatory. Our understanding is that the "Two (2) 2018 or newer, water trucks" can be the Tandem Trucks with slide in water tanks as required on page 122 and not separate, dedicated water trucks. Can you confirm this?



A33) Yes, the 2018 tandem trucks can be used with new 2018 slide in water tanks (as per Specifications).

Q34) Are only the two (2) trailers for the Departmental Representatives specified as modular? For clarity, does this mean the other trailers to be used are at the discretion of the successful proponent (any type) providing they meet the age requirement?

A34) No, the contract is asking is asking for one (1) – Trailer (Modular) to be 2015 or newer and one (1) Trailer (Modular) to be 2009 or newer at each camp (10) site. These are additional trailers besides the two (2) 2018 or newer Departmental Representative units at Sikanni and Liard. Contractor can lease/rent trailers and shop at Prophet River if they choose to. Fort Nelson can be fulfilled with local residents if contractor chooses to. See Mandatory Equipment List – Addendum #1.

Q35) We are trying to understand how the hours are calculated on the Snow and Ice Removal section of the Combined Price Form. Could you please describe how:

- .1 Tandem Dump Truck (0-3000 hr annually) can equal to a total of 30,000 hours over 5 years. 5 years at up to 3,000 hours per year should equal 15,000 hours, shouldn't it?
- .2 Can you please clarify how these numbers, and the ones for 3,000-6,000 and 6,000+, are calculated?

A35) .1 The 3000-6000 hr rate should not include all of the fixed amortization costs but rather the variable costs per truck.  
The 6000+ hr rate should be based on the 3000-6000hr rate with even further reduced fixed cost components due to the high utilization of the equipment

.2 With the intent to reduce the truck hours to a minimum and the potential climate change, resulting in milder winters, we would benefit from the lower tiers, while the contractor would benefit from having the equipment amortized on a guaranteed 3000 hr/yr rate.

Q36) In regard to the Material Transfer specification 38 51 00, can you tell me if loading costs are incidental to this specification? The specification lists "Loader, gradall, excavator or grader" under the equipment but doesn't state that those costs are incidental. Can you confirm whether the cost for loading the material is to be included in the cost of hauling it under this specification or not?

A36) Yes, included in cost of hauling. As per section 38 51 00 1.1.1 description.