



**RETURN BIDS TO:  
RETOURNER LES SOUMISSIONS À:**

**Bid Receiving - PWGSC**  
ATB Place North Tower  
10025 Jasper Ave NW  
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/Travaux  
publics et Services gouvernementaux Canada  
Suite 1650  
635 - 8th Ave. S.W.  
Bureau 1650  
635 - 8e avenue, SO  
Calgary  
Calgary  
Alberta  
T2P 3M3

|  |   |
|--|---|
| <b>Title - Sujet</b><br>C5-09 Stope Stabilization  |   |
| <b>Solicitation No. - N° de l'invitation</b><br>EW702-173131/B   | <b>Amendment No. - N° modif.</b><br>006                             |
| <b>Client Reference No. - N° de référence du client</b><br>INAC-EW702-173131   | <b>Date</b><br>2017-11-27   |
| <b>GETS Reference No. - N° de référence de SEAG</b><br>PW-\$GMP-015-6655   |   |
| <b>File No. - N° de dossier</b><br>GMP-7-40055 (015)   | <b>CCC No./N° CCC - FMS No./N° VME</b>                              |
| <b>Solicitation Closes - L'invitation prend fin</b><br><b>at - à 02:00 PM</b><br><b>on - le 2017-12-12</b>   | <b>Time Zone</b><br>Fuseau horaire<br>Mountain Standard Time<br>MST |
| <b>F.O.B. - F.A.B.</b><br><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><br>Bilous, Isabelle  | <b>Buyer Id - Id de l'acheteur</b><br>gmp015                        |
| <b>Telephone No. - N° de téléphone</b><br>(780) 782-8714 ( )   | <b>FAX No. - N° de FAX</b><br>(780) 497-3510                        |
| <b>Destination - of Goods, Services, and Construction:</b><br><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><br>Raison sociale et adresse du fournisseur/de l'entrepreneur  |  |
| <b>Telephone No. - N° de téléphone</b><br><b>Facsimile No. - N° de télécopieur</b>   |  |
| <b>Name and title of person authorized to sign on behalf of Vendor/Firm</b><br><b>(type or print)</b><br><b>Nom et titre de la personne autorisée à signer au nom du fournisseur/</b><br><b>de l'entrepreneur (taper ou écrire en caractères d'imprimerie)</b> |  |
| <b>Signature</b>   | <b>Date</b>                                  |

**This amendment 006 is raised to modify solicitation EW702-173131/B as follows:**

**1. The following summarizes the information presented during the Mandatory Site Visit:**

**Mandatory Site Visit (Above-ground)**

**Date:** Wednesday, November 15, 2017  
**Time:** 9:00 to 11:00  
**Location:** Giant Mine, Yellowknife, NT

**Representatives from Canada:**

|                 |                                    |
|-----------------|------------------------------------|
| Isabelle Bilous | Contracting Authority – PSPC       |
| Mario Giguere   | Contracting Support – PSPC         |
| Dave Colbourne  | Project Manager – DXB Projects     |
| Ashley Pakula   | Tender Support – Golder Associates |
| Chris MacInnis  | Project Lead – INAC                |

**Representative from Giant Mine Site (Care & Maintenance Provider)**

Doug Hayes Mine Manager – Deton Cho/Nuna

**Participants:**

|  |                   |
|--|-------------------|
| Nahanni Construction Ltd.                    | Mike Makarenko    |
| RTL Robinson Enterprises Ltd.                | Barry Henkel      |
| Cementation Canada Inc.                      | Steve Brujic      |
| Rowe's Construction/Outcome Consultants Inc. | Ron Schaub        |
| CanMine Contracting Ltd.                     | Fraser Krayenhoff |
| Bows and Arrows Inc.                         | Roy Erasmus       |
| Foraco                                       | Rick Guile        |
| Nuna/Deton Cho                               | Fenna Poelzer     |
| Parsons                                      | Sarah Taschuk     |
| Williams Engineering                         | Steve Creamer     |

**Questions and Answers during Site Visit (Above-ground)**

**Question 11:** Is this the only access road (onto central and south tailings ponds)?

**Answer 11:** Yes.

**Question 12:** Will the Norseman structure be shared with any other contractors?

**Answer 12:** The successful contractor will have sole use of the structure.

**Question 13:** Will the allowance of 300 m3 of water per day from the Polishing Pond be shared between multiple contractors?

**Answer 13:** For bidding and pricing purposes, bidders should assume full access to the 300 m3 of water per day. Note that bidders can choose to remove 300 m3 of water per day and store it for use later. Also note that there is no limit to the amount of water that can be taken from other man-made sources on site.

**Question 14:** Are the existing boreholes drilled straight down?

**Answer 14:** The existing boreholes are angled.

**Question 15:** What is the overburden above the C5-09 area?

**Answer 15:** Based on previous drilling, the overburden is estimated to be between 9 and 12 metres. For planning purposes bidders should refer to the C2-12 overburden surface provided in the Surpac model.

**Question 16:** Is it possible to mine the tailings over the winter?

**Answer 16:** Yes, but the contract is not likely to be awarded in time for much surface winter work.

### **Mandatory Site Visit (Underground)**

**Date:** Wednesday, November 15, 2017  
**Time:** 12:00 to 16:00  
**Location:** Giant Mine, Yellowknife, NT

#### **Representatives from Canada:**

|                 |                                    |
|-----------------|------------------------------------|
| Isabelle Bilous | Contracting Authority – PSPC       |
| Mario Giguere   | Contracting Support – PSPC         |
| Dave Colbourne  | Project Manager – DXB Projects     |
| Ashley Pakula   | Tender Support – Golder Associates |
| Chris MacInnis  | Project Lead – INAC                |
| Chris Thomas    | Project Team – INAC                |

#### **Representative from Giant Mine Site (Care & Maintenance Provider)**

Doug Hayes Mine Manager – Deton Cho/Nuna

#### **Participants:**

|  |                   |
|--|-------------------|
| Nahanni Construction Ltd.                    | Mike Makarenko    |
| RTL Robinson Enterprises Ltd.                | Barry Henkel      |
| Cementation Canada Inc.                      | Steve Brujic      |
| Rowe's Construction/Outcome Consultants Inc. | Ron Schaub        |
| CanMine Contracting Ltd.                     | Fraser Krayenhoff |
| Bows and Arrows Inc.                         | Roy Erasmus       |
| Foraco                                       | Rick Guile        |
| Nuna/Deton Cho                               | Fenna Poelzer     |
| Parsons                                      | Sarah Taschuk     |

### **Questions and Answers during Site Visit (Underground)**

**Question 17:** [Regarding the Infrared cameras at Stop #1, North end of C5-09] Are the cameras fixed or rotating?

**Answer 17:** The cameras rotate and can zoom in and out.

**Question 18:** Is there a ground control standard included in the specification?

**Answer 18:** Yes, but it is a draft version of the document from February 2016. There is ongoing work by the Care and Maintenance contractor to update the document.

**Question 19:** [Regarding the borehole at Stop #2] What is the number/name of this borehole?

**Answer 19:** PD\_C509\_04B

**Follow up:** Is the borehole blocked?

**Answer:** It was clear the last time it was checked, approximately a year ago.

**Question 20:** [Stop #3] Are we below where the concrete plug would be?

**Answer 20:** We would be near the bottom of it, but not below it yet. This is identified as C5-08 Lower Access Breakthrough on page 25 of Appendix D of the Specification.

**Question 21:** Is the area between the two stopes full of muck?

**Answer 21:** Yes, the stability of the muck is unknown.

**Question 22:** Which stope is this?

**Answer 22:** C5-08, but it is part of the C5-09 stope complex.

**Follow-up:** Is this the tiny void at the end (on the map)?

**Answer:** Yes.

**Question 23:** Where is the underground borehole?

**Answer 23:** On the 425 level (where the vehicles parked near the 3-12 bypass).

**Follow-up:** Is the borehole cased?

**Answer:** No, it is uncased. It is approximately 4 inches in diameter.

**Question 24:** Do the pipes here carry water?

**Answer 24:** No, the pipes do not carry water, power, or air. The 425 level has power.

**Question 25:** [Stop #5] Is there a loci [mine cart] running here?

**Answer 25:** There was, years ago, but it's no longer operational.

**Question 26:** Is there a second ramp here?

**Answer 26:** No.

**Question 27:** Does the radio system work down here?

**Answer 27:** No, it works only where the fibre optic cables have been installed.

### **Mandatory Bidders' Conference**

**Date:** Thursday, November 16, 2017

**Time:** 9:00 to 11:00

**Location:** Giant Mine, Yellowknife, NT

#### **Representatives from Canada:**

|                 |                                    |
|-----------------|------------------------------------|
| Isabelle Bilous | Contracting Authority – PSPC       |
| Mario Giguere   | Contracting Support – PSPC         |
| Dave Colbourne  | Project Manager – DXB Projects     |
| Brad Thompson   | Senior Project Manager – PSPC      |
| Ashley Pakula   | Tender Support – Golder Associates |
| Chris MacInnis  | Project Lead – INAC                |
| Chris Thomas    | Project Team – INAC                |

Bruce Maynard                  Fairness Monitor (by teleconference)

#### **Representative from Giant Mine Site (Care & Maintenance Provider)**

Doug Hayes                      Mine Manager – Deton Cho/Nuna

#### **Participants:**

|  |                   |
|--|-------------------|
| Nahanni Construction Ltd.                    | Mike Makarenko    |
| Nahanni Construction Ltd.                    | Kenny Ruptash     |
| RTL Robinson Enterprises Ltd.                | Larry Wheaton     |
| Cementation Canada Inc.                      | Steve Brujic      |
| Rowe's Construction/Outcome Consultants Inc. | Ron Schaub        |
| Rowe's Construction/Outcome Consultants Inc. | Michael Billowits |
| CanMine Contracting Ltd.                     | Fraser Krayenhoff |
| Bows and Arrows Inc.                         | Roy Erasmus       |
| Nuna/Deton Cho                               | Fenna Poelzer     |
| Parsons                                      | Sarah Taschuk     |
| Parsons                                      | Colin Campbell    |
| Williams Engineering                         | Steve Creamer     |

#### **Technical Overview – Ashley Pakula**

Refer to C5-09 Technical Presentation in the attachment *c5-09\_bidders\_conf.zip*.

## **Specification Overview – Dave Colbourne**

All information presented is contained in the Specification.

## **Solicitation Overview – Isabelle Bilous**

Refer to C5-09 Solicitation Overview in the attachment *c5-09\_bidders\_conf.zip*.

### **Questions and Answers during Bidders' Conference**

**Question 28:** Can you send out the presentations from today in advance of the formal amendment?

**Answer 28:** All of the information contained in the technical presentation is contained in the Specification; however we will send out a copy of the presentations to all participants in attendance.

**Question 29:** Can you provide a copy of the borehole database?

**Answer 29:** This information is contained in the CD distributed to bidders [at the Bidders' Conference].

**Question 30:** What weights have been accounted for in the self-leveling concrete design?

**Answer 30:** None. The stope will remain non-entry even once the fill is placed.

**Question 31:** What is the design intent for Mix C with regards to the permeation to the rock below? Is it meant to permeate through the rock?

**Answer 31:** No, it should not permeate through the rock below; it should sit on the rock.

**Question 32:** The aggregate required for the self-leveling concrete is not locally available. Will the contractor have access to an area to store the sourced aggregate?

**Answer 32:** Yes, an area will be identified for material storage post award and coordinated with the successful contractor and Mine Manager prior to materials arriving at site.

**Question 33:** Is there a ventilation plan included in the tender package?

**Answer 33:** The ventilation plan has now been included in attachment *AT001*.

**Question 34:** In terms of site access and maintenance of roads, how will that work between the contractor for C5-09 and the Care and Maintenance contractor?

**Answer 34:** This information is contained in the specification. The Care and Maintenance contractor is responsible for existing roads. Any new roads that are developed as part of this project would be the responsibility of the C5-09 contractor.

**Follow-up:** The C5-09 contractor should coordinate with the Care and Maintenance contractor for traffic control plans?

**Answer:** Correct.

**Question 35:** Will the UBC Bridge be in place before the work starts?

**Answer 35:** Work on the UBC Bridge is anticipated to be completed prior to the start of work for this project. For pricing purposes, bidders should assume the bridge is in place.

**Question 36:** Can bidders assume full usage of the 300m<sup>3</sup> of water per day?

**Answer 36:** Correct.

**Question 37:** Regarding modifications such as grading, what are the reinstatement requirements?

**Answer 37:** It will depend on the site activity. Refer to specification sections 31 05 16, 31 22 15, 31 23 10, 31 02 00 for information on specific activities.

**Question 38:** Is there a pit design or existing quarry plan for Brock Pit?

**Answer 38:** There is no pit design or existing quarry plan, this will be the responsibility of the contractor.

**Question 39:** Is there a quarry plan with set elevation, materials, etc.?

**Answer 39:** There is no current quarry plan.

**Question 40:** Submittals are to be accepted before work can start. Will external parties be involved in the submittal reviews?

**Answer 40:** The reviews will be carried out internally by the Departmental Representative, PSPC, and INAC.

Note, the Land Use Permit identifies products that are accepted for use on site. If there are any products proposed that are outside this list, we will need to seek approval from the Water Board prior to acceptance. This would be the only anticipated external review.

**Question 41:** You mentioned there will be voids remaining once work is complete. Can you elaborate on how it will relate to substantial completion? How will we know when completion is achieved?

**Answer 41:** In the drawings, it is relative to the elevation. Completion will be once the final elevation is reached.

**Question 42:** Can you consider excluding the schedule from the page limitation? Because of the paper size required, it is counted as two pages.

**Answer 42:** Yes, refer to "INSERT" below.

**Question 43:** You mentioned no fuel storage on site. The Care and Maintenance contractor has fuel storage on site, can the contractor use this fuel for the project?

**Answer 43:** No, the fuel source is to remain separate. No tank farms.

**Question 44:** What is the head differential between the Polishing Pond and adjacent pond? Is there any data available?

**Answer 44:** The 300 m3 per day is not anticipated to impact the settling pond because paste fill activities will be concurrent with water treatment.

**Question 45:** Do you have a heading form for this?

**Answer 45:** No.

**Question 46:** Regarding unaddressed leakage, the contractor won't be paid for any unaddressed leakage, but can we continue to pour paste?

**Answer 46:** No. The contractor will have an accepted Leakage Plan in place for a leakage situation. When leakage is identified (by either the contractor or DR), the leakage plan is to be implemented. Continued unaddressed leakage could impact mine infrastructure, etc. that is required post construction.

**Question 47:** Will Annex A1 – Cost Breakdown Table be incorporated into the contract?

**Answer 47:** No, it is for information only. Note, the recommended bidder will be required to complete it prior to award.

**Question 48:** What is the proximity of power, water, and air to the underground workspace?

**Answer 48:** Water and air are adjacent. Power is approximately 300m away. At the 575 level, there are no services between the draw points and C-shaft.

**Question 49:** What is the intention for quantity measuring? Is it up to the contractor? This is in relation to both paste quantities and SCC (self-consolidating concrete) quantities.

**Answer 49:** Refer to specification section 31 23 23.33, Part 3 Execution.

**Question 50:** We are requesting an extension to the closing date of two weeks.

**Answer 50:** The closing date has been extended to December 12, 2017. This was posted separately in amendment 005.

**Question 51:** You say this is a design-build, but it isn't really.

**Answer 51:** This is a performance based specification and the contractor is required to design the various mixes required for each backfill material, drilling program, monitoring program, barricades and fill fences, etc. as outlined in the specifications.

**Question 52:** What are the conflict of interest criteria?

**Answer 52:** Please send your conflict of interest questions directly to the Contracting Authority and they will be evaluated on a case by case basis. Bidders can also refer to the Conflict of Interest and Unfair Advantage sections of the RFP.

**Question 53:** Will you publish questions related to conflict of interest?

**Answer 53:** In accordance with IB03 Conflict of Interested – Unfair Advantage, bidders should contact the Contracting Authority if there is a question about a particular situation. These will be addressed on a one-on-one basis and will not be included in an amendment issued to Buy and Sell.

**Question 54:** What are you looking for in terms of proof to support the Aboriginal Opportunities Considerations commitments?

**Answer 54:** Bidders should include the information used in determining what their AOC commitments would be, as well as information that would be provided to support whether the AOC commitments were met or not met. Examples of proof could include what subcontractors were engaged, names/numbers of employees and anticipated employee hours. Refer to SRE Section 3, Section III AOC Evaluation and Assessment for other examples of information to provide. It is the bidders' responsibility to ensure their AOC commitments are fully demonstrated in order to obtain points.

## **2. Changes to Solicitation Document**

### **INSERT:**

#### **SC05 Media Inquiries**

*General Condition (GC) 1 - General Provisions GC1.2.2 Security and protection of documents and Work* is modified to include the following;

6. Due to the sensitive nature of the contract the Contractor will not respond directly to any media inquiry in respect of the work. The Contractor will direct all media inquiries and requests to the Departmental Representative for response.

#### **INSERT Under SRE Section 1 Bid Form and Content Requirements**

The following are not part of the page limitation mentioned herein:  
Schedule\*

\*Note, only the Schedule 11x17" fold-out sheet is excluded from the page limitation. The bidders' submission for Technical Criterion 1.5 Schedule is not excluded from the page limitation.

### **DELETE:**

#### **A2 THE WORK**

1. The Design-Builder agrees
  - a. to an estimated substantial completion date of November 18, 2018.

### **INSERT**

#### **A2 THE WORK**

1. The Design-Builder agrees
  - a. to an estimated substantial completion date of November 22, 2018.

## **3. Changes to the Specification**

### **INSERT under 04 Supporting Docs**

Attachment *SSSP\_2017.zip*

**ALL OTHER TERMS AND CONDITIONS REMAIN UNCHANGED.**