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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
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Issuing Office - Bureau de distribution
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Title - Sujet Info Pre-tender site visit, MCM	
Solicitation No. - N° de l'invitation EW702-141166/F	Amendment No. - N° modif. 001
Client Reference No. - N° de référence du client EW702-141166	Date 2016-12-06
GETS Reference No. - N° de référence de SEAG PW-\$GMP-012-6516	
File No. - N° de dossier GMP-3-36061 (012)	CCC No./N° CCC - FMS No./N° VME
Solicitation Closes - L'invitation prend fin at - à 02:00 PM on - le 2016-12-30	
F.O.B. - F.A.B. Plant-Usine: <input type="checkbox"/> Destination: <input checked="" type="checkbox"/> Other-Autre: <input type="checkbox"/>	
Address Enquiries to: - Adresser toutes questions à: Bogus, Katherine	Buyer Id - Id de l'acheteur gmp012
Telephone No. - N° de téléphone (587) 920-3075 ()	FAX No. - N° de FAX (780) 497-3510
Destination - of Goods, Services, and Construction: Destination - des biens, services et construction: PUBLIC WORKS AND GOVERNMENT SERVICES CANADA GIANT MINE YELLOWKNIFE, NT	

Instructions: See Herein

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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)	
Signature	Date

Questions and Answers – Optional Pre-Tender Site Visit for MCM, August 31, 2016

Attendees

Companies (In alphabetical order)

AMEC Foster Wheeler
Bird Construction
Carillion Canada
DCN JV Nuna Logistics Ltd.
Ellis Don
Graham Industrial Services
Hatch
Merit Consultants
Nahanni Construction Ltd.
Praetorian Construction Management
Saskatchewan Research Council
Stantec
Tetra Tech EBA

Fairness Monitor

Public Sector Company, Peter Woods

INAC Representatives

Natalie Plato, Deputy Project Director
Craig Wells, Director
Tauhid-Brian Thomas, Senior Engineer

PWGSC Representatives

Brad Thompson, Senior Project Manager
Brad Mueller, Project Manager

Katherine Bogus, A/Procurement Team Leader
Isabelle Bilous, Senior Procurement Officer

Tour Objectives and Overview

Questions received during the presentations:

- Question 1: Will the presentations be available on buyandsell?
Answer 1: Yes, all of the presentations (three total) will be posted to buyandsell.
- Question 2: Will the attendance register be disseminated?
Answer 2: Yes, the attendance register will be posted to buyandsell.
- Question 3: What is the anticipated term of the contract?
Answer 3: Term 1 is anticipated to be from 2017 to 2020.

Site Visit

The site visit consisted of a safety orientation, held at the C-Dry building, and approx. 3 hour bus ride throughout the Giant Mine site; the visit included four (4) stops where attendees were able to exit the bus and walk around a small area.

This section will include a summary of the site visit, followed by any questions asked by attendees. Although there were two buses carrying passengers, a PWGSC Project Manager (PM) was present on each bus, and both PMs presented the same information. In addition, a PWGSC Contracting Authority was also present on each bus, and each Contracting Authority recorded the information and questions presented on each respective bus. Those notes have been amalgamated and reviewed by the two PMs to ensure completion and accuracy.

The PMs noted there are less than 100 structures on site, but only a handful are currently in use. However, no deconstruction or teardown work can occur until the water licence is issued, except for high-risk structures. The PMs pointed out the Assay lab, which is scheduled for deconstruction in August/September 2016. The PMs also pointed out the mill, which is not due for deconstruction until Term 2 of the MCM contract. HDPE pipeline runs along the roads on site, which are part of the Surface Water Management Plan (SWMP).

Attendees disembarked at the Tailings Reprocessing Plant (TRP). The PMs noted the TRP is scheduled to be deconstructed during Term 2 of the MCM contract. He pointed out some of the different tailings ponds (South, North, Central) and noted that these are active sites for dust management and air monitoring. He outlined how the prevailing winds in the late spring and early summer generally blow to the SE, towards Yellowknife and the First Nations Communities of N'Dilo and Dettah. The PMs pointed out the surface water from the main site is collected and pumped into the North Pond. He also noted that there are ongoing investigations in the tailings ponds. The PMs pointed out a large area of shipping containers near the tailings ponds and noted that they are mostly filled with arsenic impacted waste from the Roaster deconstruction.

We stopped briefly, but remained on the bus, in front of the Effluent Treatment Plant (ETP) after driving past the polishing pond, splitter dyke, and settling pond. The estimated remaining lifecycle of the current ETP is 10 years; a new, possibly centrally located ETP will be part of Term 2 of the MCM. The current ETP runs from June to September and produces approximately 400,000 m³ per year. It uses two three-tank treatment trains, and the A-train was replaced in 2015. It ultimately discharges into Baker Pond, and treats water from the North and Northwest ponds. The new ETP will run year round.

The bus travelled to the NW pond on a road controlled by security gates that crosses the public highway controlled access point. The PMs pointed out the Supercrest Underground Pumping Discharge (backup pumping system). We stopped briefly at a 4-way stop to observe a Hazardous Waste Storage Facility, which is a controlled area and contains arsenic impacted material and asbestos waste from around the site, the Akaitcho Headframe, the Underground Air Ventilation Infrastructure, and the underground mine water pumping discharge line.

The bus stopped at a general waste storage area located on site and the attendees disembarked. From the waste storage area, the PMs pointed out several locations on site: the North West tailings pond and the Supercrest backup pumping system, the hazardous waste facility, where some arsenic impacted waste is stored in drums, the Akaitcho shaft, and the ventilation system, which is housed in a warehouse style building. He noted the current underground pumping system would be replaced, likely before the

start of the MCM contract. He also noted that the waste storage area would likely need to be replaced during the period of the MCM contract.

The PMs noted 24 hour security monitoring and regular checks around site; they also monitor and record wildlife found on site. Nothing is currently in place to prevent wildlife from accessing ponds or other water sources. The PMs also noted that maintaining the road infrastructure is currently under the C&M contract, and is expected to be part of the C&M work package. Air monitoring will become a work package, whether under the C&M work package or separate. Design activities will be provided by the Crown's consultant team under contract to PWGSC; the MCM will develop the construction work packages, and the engineering team on contract will provide the necessary design(s).

The bus then travelled to a high vantage point in the road and the PMs pointed out the weather station and the B3 underground mine ventilation system and shaft. He also pointed out Dam #1, which is holding the water in the polishing pond, and the 1-38 portal entrance to the underground pumping systems, which is on the opposite side of the dam from the pond. He noted the importance of the dam, as it keeps water out of the underground portal. The PMs noted that annual dam inspections will be completed until the remediation is complete. The PMs pointed out the Syphon Discharge line from the Polishing pond. He noted that all pump lines are metered and fitted with sampling points, and discharge quantities are tracked.

The bus stopped briefly at the large propane tank that serves the underground heating system. The PMs pointed out the primary underground mine ventilation infrastructure and air intake, the air compressor station for the underground. He noted the use of stench gas for the underground warning system located in the main compressor housing. He pointed out Baker Creek below.

The bus then drove around the B1 Pit and the capped Roaster Area. The PMs pointed out the Mill Pond, which is a collection area for surface water that is pumped to the North pond.

The bus travelled to the UBC Bridge, where attendees disembarked. The PMs discussed Baker Creek and the high water marks and freshet monitoring. The bridge is currently not in use due to structural issues with the bridge foundation. The bridge will be repaired and put in use again before the start of the MCM contract. The PMs also pointed out the Freeze Optimization Study (FOS) and associated infrastructure maintenance. The PMs noted Baker Creek, and identified that contaminated water discharges into the creek. He also identified that there are nine (9) open pits on site. The PMs also noted the creek may need to be realigned as part of the overall remediation.

The bus travelled down the old highway and the PMs pointed out the C1 Buttress front profile and the Baker Creek Reach. We passed over a temporary bridge structure on the way to the Clay Sump Pit, where the attendees disembarked. The area was a high vantage point that offered views of a lot of the site. The PMs pointed out the surface water collection pumps and the syphon discharge line.

The bus then travelled to the old Town site, which is located near the Mine Heritage Society (MHS) "Open Air" Museum and the City of Yellowknife boat launch and Sailing Club. The PMs noted that site security is especially important around the Town site, due to its proximity to the public access areas. We drove through a set of gates blocking the public road from the Town site road. The PMs noted that the houses are all boarded up and the stairs and decks have been removed. Snow removal will have to be maintained during the winter months. The PMs also pointed out laydown areas of scrap, old parts, and waste materials.

The PMs noted that there are no fences blocking off the secondary access roads. There are usually large boulders in place to keep people off the roads.

Question 4: What is the area of the tailings?

Answer 4: 95 hectares

Question 5: Are the buildings all connected by central heat (i.e. utili-doors)? Is there asbestos contamination?

Answer 5: Yes, the buildings are connected by utili-doors, and asbestos was used in their construction.

Question 6: Does the Production Plant building contain asbestos-wrapped pipes?

Answer 6: Yes.

Question 7: Does the Main Construction Manager assume control of the whole site and for the current contractors on site?

Answer 7: Yes, the MCM will fulfill the function of Mine Manager have custody and control over all activities on site, including the health and safety of all individuals on site, including PWGSC and INAC representatives.

Question 8: Will Care & Maintenance (C&M) of the site also be under the MCM?

Answer 8: Yes, it is anticipated that C&M will be one of the first work packages to be tendered by the MCM. However, the Mine Manager role is a requirement of the MCM.

Question 9: Will there be a duplication of Health and Safety requirements between the C&M provider and the MCM?

Answer 9: No, the scope of work for the C&M requirement will be amended to exclude the role of Mine Manager (under the Northwest Territories Mine Health and Safety Act)

Question 10: Can the MCM become the C&M provider (i.e. self-perform)?

Answer 10: No, the MCM cannot bid on, or complete, any of the work packages under its control. Own forces work is not allowed.

Question 11: Is anyone currently working on site automatically precluded from bidding on the MCM?

Answer 11: The experience acquired by a proponent who is providing or has provided the goods and services described in the bid solicitation (or similar goods or services) will not, in itself, be considered by Canada as conferring an unfair advantage or creating a conflict of interest. This proponent remains however subject to the criteria established above.

Where Canada intends to reject a proposal under this section, the contracting authority will inform the proponent and provide the proponent an opportunity to make representations before making a final decision. Proponents who are in doubt about a particular situation should contact the contracting authority before bid closing.

By submitting a proposal, the proponent represents that it does not consider itself to be in conflict of interest nor to have an unfair advantage. The proponent

acknowledges that it is within Canada's sole discretion to determine whether a conflict of interest, unfair advantage or an appearance of conflict of interest or unfair advantage exists.

Further information will be provided in the updated Procurement Outlook document, to be released before or with the RFP.

- Question 12: Who will hold the contracts with the contractors on site?
Answer 12: PWGSC will hold a contract with the MCM, and the MCM will sub-contract directly with the contractors performing the work packages. This will allow the MCM to manage the multiple contractors on site.
- Question 13: What is the state of the Effluent Treatment Plant?
Answer 13: It is currently in better shape than last year. There is a newer tank, with a 10 year anticipated life time. Improvements are made to the equipment as it deteriorates. These improvements are made because of Regulations, Ventilation to meet guidelines, and a requirement of an operating mine site.
- Question 14: Does the polishing pond discharge into Baker Creek?
Answer 14: Water is decanted into Baker Pond.
- Question 15: Does the precipitate get capped in place?
Answer 15: As part of the overall remediation, and once the new effluent treatment plan is operational, the precipitate will likely be capped in place. This is under review and will be determined at a later date.
- Question 16: Where does the material come from for capping the tailings?
Answer 16: The capping requirements are still being confirmed. Quarry and borrow sources have been identified on site.
- Question 17: How often is maintenance performed underground?
Answer 17: The current C&M contractor performs daily check scaling, bolting, and screening to bring the mine up to date with current Industry standards.
- Question 18: Who is responsible for obtaining the regulatory approval?
Answer 18: It is the responsibility of INAC to obtain the Mackenzie Valley Water Board License permit.
- Question 19: How high does the tailings water get in the Northwest Pond?
Answer 19: It has been recorded within 1 meter of the crest of the dam. The C&M provider monitors the water levels.
- Question 20: Will the landfill be replaced in Term 1?
Answer 20: The new non-hazardous waste storage area will likely be constructed during the latter period of Term 1 following the receipt of the Water License, to allow for the disposal of waste from the risk mitigation activities.

Question 21: Will some of the unknown or “potential” work be removed from the scope?
Answer 21: No, all of the remediation activities will need to be completed; however potential activities identified in Term 1 may occur in Term 2.

Question 22: Will Term 1 and Term 2 be separate contracts?
Answer 22: No, the MCM will be one contract. Term 2 will be issued as an amendment to the contract.

Question 23: Is there an idea for the closure plan for the dams?
Answer 23: The intent is to get rid of the surface water, so there becomes no need for the dams. The tailings will need to be remediated before the rest of the surface water can be removed. The intent is to minimize the C&M required on site.

Question 24: Is the design on schedule?
Answer 24: There are a number of items to be completed prior to WB License. The MCM will be brought on board to assist with design activities (i.e. constructability).

Question 25: The sides of the road are steep at some points, and does not appear to be to regulation. Will it be in this condition, or will it be properly graded or rail guards added?
Answer 25: This is currently being addressed.

Question 26: Do the ice heaves in winter affect the roads much?
Answer 26: Ice heaves don’t affect the roads much.

Question 27: Are there many security issues?
Answer 27: Security issues mainly occur near the old town site, as it’s located close to a public access boat launch.

Question 28: Is there a Mine Rescue Team on site? Or will the MCM have to provide those services?
Answer 28: The Mine Rescue Team is current under the Care & Maintenance provider.

Question 29: Will the roads need to be re-contoured?
Answer 29: This requirement will be confirmed during the design phases of the contract. At this point in time, we do not know what the specific requirements will be.

Question 30: Will the designs be completed under a separate contract?
Answer 30: Yes, PWGSC holds the design contracts. They are currently in place and are held by Golder Associates Ltd., and AECOM.

Question 31: Will on-site monitoring be done by Care & Maintenance or by work package?
Answer 31: This will be a work package.

Question 32: Are we allowed to salvage material? Iron, etc.?
Answer 32: The Project team determined that items on Giant, will stay at Giant. The items would need to go through a correct process to get the materials to the point of allowing it into the market for salvage.

Question 33: How many people on staff to monitor the ventilation?
Answer 33: The current C&M contractor employs approximately 30-40 people to keep the site in regulatory compliance, including the monitoring and management of the underground air ventilation system.

Question 34: Have the local rock outcrop been assessed for radio-active materials?
Answer 34: This is being assessed this year.

Question 35: Are there any limitations to working durations?
Answer 35: Work can be conducted 24 hours a day, 7 days per week, however must comply with WSCC.

Question 36: From a sequencing stand point for the remediation, is the signed EA needed for before any structures go up?
Answer 36: The EA is in place. We are responding to the measures, as part of the process to obtain the water license. A water license is required for the deconstruction of any structures.

Question 37: Do field activities occur in the winter?
Answer 37: We try to avoid work activities in the winter due to the harsh conditions. However work can occur; an example of this is drilling.

Question 38: Are there any cultural sites to protect?
Answer 38: There are a couple remote burial grounds on the site, however, they are not in any construction areas.

Question 39: Will the design include schedule and sequencing?
Answer 39: No, the PIP that will be included in the RFP document has been developed as a conceptual draft of the remediation schedule. The MCM will be required to develop the schedule and sequencing in Term 1 of the contract.

Question 40: Will there be large work packages?
Answer 40: MCM will be required to determine the size of the various work packages and bundle them appropriately, including consideration to maximize aboriginal benefits.

Question 41: Will the mill be deconstructed in Term 2?
Answer 41: Yes, unless something drastic happens. This is inspected annually, and there is currently no health & safety risk requiring its immediate deconstruction.

Question 42: Will there be indemnification clauses in the RFP?
Answer 42: This information will be contained in the RFP. This is currently under review.

Question 43: What is the flood frequency of Baker Creek?
Answer 43: Baker Creek can accommodate a 1 in 500 year flow. Nuna, the current C&M provider manages break up of ice during freshet.

Question 44: Obviously, there is arsenic on the site. What about other contaminants? Oil, fuel, etc.?
Answer 44: There is soil contamination. Approx. 5000-8000 hydrocarbon impacted material. There may be other hazardous material as well. Cyanide, asbestos, etc. This is currently being surveyed.

Question 45: Where does the asbestos get disposed of?
Answer 45: Asbestos gets disposed of at the on-site landfill, and some have been disposed off-site.

Question 46: When did the Gatehouse bridge go in?
Answer 46: Interim Underground Stabilization in 2015

Question 47: Is there any pumping from the pits?
Answer 47: Yes, Nuna, the current C&M provider transfers surface water to mill pond. Some pumps on site can be used by the MCM and sub-contractors.

Question 48: Are there energy generators on site for ventilation?
Answer 48: Yes

Question 49: Will the MCM be responsible for site utilities?
Answer 49: PWGSC pays for the electricity, fuel (motive and non-motive diesel fuel) and propane on site.

Question 50: How many residential structures are there?
Answer 50: There are less than 100 structures on site overall. There are approx. 20 residential structures.

Question 51: Is that part of the mine's care & maintenance to monitor the houses?
Answer 51: Yes, C&M is required to monitor the houses to ensure they remain secured until they are deconstructed.

Question 52: Are any of the houses considered historic?
Answer 52: No.

Question 53: Are there any conditions in summer that affect construction?
Answer 53: Yes, some of these are nesting of migratory birds, high winds, freshet, etc.

Question 54: Will there be any funding issues that will inhibit construction?
Answer 54: Yes, the government operates on an annual funding process. PWGSC & INAC will obtain funding for the entire duration of Term 1. Approvals for Term 2 are expected in 2022.

Question 55: How often are there public meetings?
Answer 55: There is a Working Group meeting with certain stakeholders that is held monthly, and a Giant Mine Forum which is held once per year and this is open to the public

Question 56: How does the advisory services work?

Answer 56: The core team will complete the advisory services work. This team will plan the remediation activities.

Question 57: Are there two teams? Core and Advisory?

Answer 57: The advisory and core team are one in the same. They will plan the remediation and oversee the whole program.

Questions received since the pre-tender site visit:

Question 58: Will the successful candidates in phase 1 have access to all of the current sub-contractors. The reason being is that in order to complete a full analysis on how to include Indigenous peoples into the CM plan, we would need to know which groups are already participating and in what capacity. Ideally we would need to know the scope(s) of work in order to be able to identify specific opportunities that could be carved out.

Answer 58: Contract information for current and past Giant Mine contracts is available and can be accessed on <https://buyandsell.gc.ca/>. In addition, the Industry Capacity Assessment will be provided along with the RFP. The scope of work has not yet been determined for the remediation of Giant Mine. The MCM will be determining the appropriate scope of work during Term 1. This information will form the Project Implementation Plan.

Question 59: Are all partnerships required to be identified as part of the Phase 1 prequalification?

Answer 59: Yes, bidders will be required to identify their partnerships for the MCM requirement.

Question 60: As we assemble our likely team for the Giant Mine CM pursuit, we have a question regarding the intent of what was presented at the Industry Day meeting as the Senior Project Manager role. Is this expected to be evaluated as the individual managing the CM contract with PWGSC, or is it the senior leader coordinating contractors in the performance of work packages?

Answer 60: The Senior Project Manager role will be required to manage the CM contract with PWGSC and maintain overall responsibility for the coordination of the contractors and their performance of work packages.

Question 61: Can you confirm the contract type that will be employed for the Term 1 and term 2 for the MCM? Can we still expect the RFQ this week?

Answer 61: The Contract type will be a Construction Manager. The Request for Proposal (RFP) is expected to be posted in Fall 2016.