

1000218997A – Amendment #2

Please be advised that the Department has been asked for clarification relative to Solicitation 1000218997A and we would like to submit the following information to all prospective bidders to assist in the formulation of bids:

AMENDMENTS:

1. *Annex A Statement of Work, 11.5*

Remove: The Consultant's *Field Support Staff* will assist the Senior Field Technician, under their direct supervision, in the completion of the monitoring and sampling duties. There are no minimum education or experience requirements for this resource.

Replace with: The Consultant's *Field Support Staff* will assist the Senior Field Technician, under their direct supervision, in the completion of the monitoring and sampling duties. Field Support have must have a minimum of 2 years of demonstrated experience in environment or engineering fields. There is no minimum education requirements for this resource.

2. Attachment 1 to Part 4, TECHNICAL EVALUATION, Mandatory Technical Evaluation, Item M2

Add the following resources categories to the list of required personnel resumes:

- **Field Support Staff (2)**
- **Technical Support Staff (1)**

Note these resources resumes will be reviewed to for compliance with the minimum education and/or experience defined in the Statement of Work. They will not be further evaluated in the Point-Rated Criteria.

QUESTIONS AND ANSWERS:

Question #1

As per the 4.2 Sampling directive, you have requested water samples to be examined at a CALA accredited laboratory for chemical analysis. However, can you comment on the detection limit requirements for this project?

Answer #1

The standard on which the samples are compared to dictate the detection limits. The detection limit must be less than the standard to be compared otherwise you will not be able to show a parameter is below standard. The following are the standards for comparison:

Groundwater: As the site is an abandoned mine under care of CIRNAC, located in Yukon both applicable Federal and Territorial standards are used:

- Federal Interim Groundwater Quality Guidelines for Federal Contaminated Sites updated June 2016 (Government of Canada 2016a and 2016b).

- Yukon *Environment Act, Contaminated Sites Regulation (CSR)*, Schedule 3: Generic Numerical Water Standards for Freshwater Aquatic Life (AW) and Drinking Water (DW) (2002) (Yukon 2002).

Surface Water: As the site is an abandoned mine under care of CIRNAC, located in Yukon both the CCME guidelines and Territorial standards are used:

- Canadian Council of Ministers of the Environment (CCME), Water Quality Guidelines for the Protection of Freshwater Aquatic Life (1999; updated 2018) (CCME 2018).
- Yukon *Environment Act, Contaminated Sites Regulation (CSR)*, Schedule 3: Generic Numerical Water Standards for Freshwater Aquatic Life (AW) and Drinking Water (DW) (Yukon 2002).

Question #2

Re: R2.1 Proposed Resources. Resumes of the bidders proposed resources for the Senior Project Manager and Project Professional Personnel categories as submitted in response to Mandatory Requirement R1.2 will be evaluated.

Question: Will the resumes for proposed resources for the Field Technician Category be evaluated?

Answer #2

The resume for the resource of Senior Field Technician will be evaluated as per R2.1

Question #3

Re: R2.1 Proposed Resources. One example/project may be used to demonstrate more than one key area.

Question a): Are there a minimum/maximum number of projects that we can use to demonstrate experience in the key areas listed for each position?

Question b): In addition to the projects that demonstrate the experience in the key areas, can we provide additional project experiences in the resume if they are relevant?

Question c): Do we include proposed resources resumes in the body of the proposal, or attached in an Appendix?

Answer #3

a) No

b) Yes

c) It is up to the bidder to determine how to structure their bid.

Question #4

Re: Section 11 Resource Resources Required. Technical Support Staff must have a minimum of 2 years of demonstrated experience in environment or engineering field plus minimum accreditation/education.

Question a): How do we demonstrate that the Technical Support Staff have minimum experience/accreditation/education?

Question b): Do we provide resumes for Technical Support Staff?

Question c): If the answer is yes, how many resources can we propose for the Technical Support Staff position?

Answer #4

- a) As per the above Amendment, a resume is to be provided for Technical Support Staff.
- b) Yes
- c) 1

Question #5

Re Section 11 Resources Required.

Question a): Do we provide resumes for Field Support Staff?

Question b): If the answer is yes, how many resources can we propose for the Field Support Staff position?

Question c): Do we provide resumes for Office Support Staff?

Question d): If the answer is yes, how many resources can we propose for the Office Support Staff position?

Answer #5

- a) As per the above Amendment, two resumes are to be provided for Field Support Staff.
- b) 2
- c) No
- d) N/A

Question #6

Re: R2.1 Proposed Resources: The RFP states that the Senior Project Manager, Project Professional, and Senior Field Technician will be awarded 2 points for 10 or more years of experience, and 1 point for between 7 and 10 years.

Question a: Is the RFP correct, or would a Project Professional receive 2 points for having 7 years of experience plus either a Bachelor's degree or professional accreditation in environment or engineering fields?

Question b: Would a Senior Field Technician receive 2 points for having a high school diploma and 15 years of experience, and only 1 point with a Bachelor's degree and 9 years of experience?

Answer #6

a) There are no points awarded for experience and professional accreditation as described in M2.1 In R2.1 points for proposed resources are awarded for the key areas described.

b) There are no points awarded for experience and professional accreditation as described in M2.1 In R2.1 points for proposed resources are awarded for the key areas described.

Question #7

Section 4.1.7. How many data loggers are present on site and they located in all wells? Are there baro loggers on site? What type or logger is currently installed (ex. Solinst? Or other?)

Answer #7

AGS has 7 level loggers and 1 barologger placed in select wells. Venus has 5 level loggers and 1 barologger placed in select wells. All data loggers are of Diver manufacture, most are hung on lines and

need to be removed to be read; however several have data read cables attached as they tend develop ice plugs in the winter.

Question #8

Section 4.1.8: Have the seeps in this area been previously identified? If so, approximately how many seeps are there? Are these locations known?

Answer #8

Seep survey is performed at each site for each monitoring event with locations and field chemistry recorded. The number seeps can vary with monitoring event. The successful bidder will receive a copy of previous annual reports that will contain the previously identified seeps information.

Question #9

Section 4.1.10 Air quality monitoring stations – for what parameters is CIRNAC looking to monitor? Particulates, or other? Does CIRNAC have any preferred instrumentation?

Answer #9

CIRNAC does not prescribe the air monitoring stations that shall be used, it is the responsibility of the consultant to assess the risk and use appropriate PPE.

The monitoring consultant in 2019 used MIE Personal DataRam #1000 aerosol monitors to measure dust concentration in the air in real time. A cut-off concentration was established where work would not proceed; this was to protect against inhalation of potentially metals contaminated dust.

Question #10

Section 4.2.1 – Can you confirm the regulatory framework that will apply to the data? CSR Schedule 3 and CCME-AL?

Answer #10

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Question #11

Section 4.3 is there a database of previous inspections to which newly collected data could be compared?

Answer #11

Yes

Question #12

Section 6.1: The RFP does not include the reference site maps (though they are mentioned), could these be shared?

Answer #12

These were provided in Amendment #1

Question #13

Section 6.2 and 6.3: Would it be possible to share well completion details including depths, screens, etc.?

Answer #13

The successful bidder will receive reports that contain the information.

Question #14

Section 6.2 and 6.3: Would it be possible to see a recent monitoring report to help determine current conditions on site such as the condition of the monitoring wells?

Answer #14

The successful bidder will receive previous annual monitoring reports.

Question #15

In the summer are all sites road accessible, or will quads be needed?

Answer #15

In summer, both sites are vehicle accessible, quads not required. The AGS site is not road accessible in the winter months.

Question #16

Section 7.4: The time allowed for a single monitoring visit (4 days at AGS and 3 days at Venus) seems short given the amount of work to be completed. Is this based on previous sampling events?

Answer #16

Yes, this is based on previous sampling events.

Question #17

Section 8.5, Summary Report – Comparison with historical data: what form is this historical data in? and how many years of data exist?

Answer #17

For some sample points there is up to 15 years of monitoring data, however the monitoring frequency and parameters monitored are inconsistent up until mid-2016. Historical data will be provided to the successful bidder in excel format.