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TPSGC
11 Laurier St./ 11 rue, Laurier
Place du Portage, Phase III
Core 0A1 / Noyau 0A1
Gatineau, Québec K1A 0S5
Bid Fax: (819) 997-9776

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
Scientific, Medical and Photographic Division /
Division de l'équipement scientifique, des produits
photographiques et pharmaceutiques
11 Laurier St./ 11 rue, Laurier
6B1, Place du Portage
Gatineau, Québec K1A 0S5

Title - Sujet Radiation Portal Monitor	
Solicitation No. - N° de l'invitation 47064-130497/A	Amendment No. - N° modif. 008
Client Reference No. - N° de référence du client 1000310497	Date 2013-04-16
GETS Reference No. - N° de référence de SEAG PW-\$\$PV-924-62109	
File No. - N° de dossier pv924.47064-130497	CCC No./N° CCC - FMS No./N° VME
Solicitation Closes - L'invitation prend fin at - à 02:00 PM on - le 2013-04-30	
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: Caron, Anne	Buyer Id - Id de l'acheteur pv924
Telephone No. - N° de téléphone (819) 956-3874 ()	FAX No. - N° de FAX (819) 956-3814
Destination - of Goods, Services, and Construction: Destination - des biens, services et construction:	

Instructions: See Herein

Instructions: Voir aux présentes

Delivery Required - Livraison exigée	Delivery Offered - Livraison proposée
Vendor/Firm Name and Address Raison sociale et adresse du fournisseur/de l'entrepreneur	
Telephone No. - N° de téléphone Facsimile No. - N° de télécopieur	
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

Solicitation Amendment No. 8

This solicitation amendment is raised to post Questions and Answers and to amend Annex A,:

QUESTIONS AND ANSWERS:

QUESTION 1: Is the deliverable for this project a standalone radiation portal monitor (RPM), including 2 structures ("pillars") containing the gamma radiation detectors and associated electronics, a remote alarm station and all required power and network cables to connect the components?

ANSWER 1: The physical deliverables for this procurement include all components of an Advanced Radiation Portal Monitor (ARPM), including lines of power and communication, computing equipment and software necessary for setup and testing at CBSA's facility in Ottawa. As previously explained during the Bidder's Conference, the procured systems will be for testing purposes only, and not setup as a permanent installation. As such, temporary detector holders are required (RFP – clause A6), but traditional housing (including large steel shrouds and/or pillars) are not required; vendors are reminded that no civil works will be undertaken to accommodate installation.

Offered ARPMs are to be stand-alone systems, to be installed by CBSA personnel alone. Portal configurations using assembled framing to hold the radiation sensor panels are one example of acceptable mechanical fasteners.

Please see RFP annex A for complete details of the requirement and also see Amendment 4 answer #1.

QUESTION 2: If the answer to Question 1 is affirmative, must the Contractor assemble and install the RPM at the CBSA test site?

ANSWER 2: NO

QUESTION 2a: Please supply a drawing or diagram with dimensions of the CBSA test site showing all key features, including the RPM installation site, the control room and the local power connection.

ANSWER 2a: See response to 1. As per RFP – Amendment #1: "The offered components must include all electronics for necessary to: run power to, and communicate with all detector modules, at distances up to 50 m."

QUESTION 2b: Who will supply any required civil works associated with installation?

ANSWER 2b: As per question 1 – no civil works are to be undertaken with this procurement.

QUESTION 2c: Must the RPM operate off of local power? If so, what is the local power? If not, is a generator required?

ANSWER 2c: Yes. Power and cabling requirements are defined in the RFP.

QUESTION 2d: Please describe the design of the power connection at the installation site.

ANSWER 2d: Please specify the power required by the proposed system, and CBSA will define connector type.

QUESTION 2e: Will CBSA supply a power connection at the location adjacent to the RPM specified by the contractor? If not, must the contractor install conduit from the RPM to the power connection?

ANSWER 2e: No. As per RFP – Amendment #1: "The offered components must include all electronics for necessary to: run power to, and communicate with all detector modules, at distances up to 50 m."

No. As this is a temporary setup, conduit from the portal to the control equipment will not be through a conduit and cabling should be rated for outdoor use accordingly.

QUESTION 2f: Must conduits that connect the 2 pillars of the RPM, which are part of the RPM, be included in the bid? If not, will CBSA supply the conduits according to the contractor's specifications? Must the supplier connect the 2 pillars using the CBSA conduits?

ANSWER 2f: See response to 1. Power and cabling requirements are defined in the RFP.

As per Amendment #4. "An underground conduit to connect opposing sides of the portal configuration will not be available at the time of portal setup. Although not mandatory, the supply of an overhead conduit would be appreciated. If not supplied, CBSA will build its own."

QUESTION 2g: Must the contractor install a remote alarm station in a control room at the CBSA test site?

ANSWER 2g: The vendor must provide all control equipment and software necessary to undertake the defined testing and satisfy the RFP requirements. All installation will be done by CBSA personnel.

QUESTION 2h: Will CBSA install conduit from the RPM to the control room for data transmission? If not, must the contractor install conduit from the RPM to the power connection?

ANSWER 2h: See response to 1. Power and cabling requirements are defined in the RFP.

QUESTION 2i: Must the contractor supply anything, including furnishings, in the control room other than the remote alarm station?

ANSWER 2i: No.

QUESTION 3: If the answer to Question 1 is negative - a standalone RPM assembled and installed at the CBSA test site is not the project deliverable - please define exactly what must be delivered.

ANSWER 3: N/A

- a. Must all the components of an RPM, including a) radiation detectors, b) electronics, c) remote alarm station, d) power cables and e) network cables be delivered?
- b. Must appropriate components, such as detectors and electronics, be designed to fit within the CBSA "pillars" at the CBSA test site?
- c. Must the Bidder install all of the components at the CBSA test site?
- d. Please supply a drawing or diagram with dimensions of the CBSA test site showing all key features, including the RPM installation site, the control room and the local power connection.
- e. Must the RPM operate off of local power? If so, what is the local power? If not, is a generator required?
- f. Please describe the design of the power connection at the installation site.
- g. Will CBSA supply a power connection at the location adjacent to the RPM specified by the contractor? If not, must the contractor install conduit from the RPM to the power connection?
- h. Must conduits that connect the 2 pillars of the RPM, which are part of the RPM, be included in the bid? If not, will CBSA supply the conduits according to the contractor's specifications? Must the supplier connect the 2 pillars using the CBSA conduits?
- i. Must the contractor install a remote alarm station in a control room at the CBSA test site?
- j. Will CBSA install conduit from the RPM to the control room for data transmission? If not, must the contractor install conduit from the RPM to the power connection?
- k. Must the contractor supply anything, including furnishings, in the control room other than the remote alarm station?

QUESTION 4: Requirement A27, which defines the delivery date, is currently a mandatory requirement. Amendment 4 Answer 20 states that the “delivery date will be inserted at time of contract award based on date supplied by bidder.” Therefore, is Requirement A27 no longer a mandatory requirement?

ANSWER 4: A27 will remain a mandatory requirement but will be amended as follows: A27 - Delivery date requirement will be amended to: Delivery of the systems is required within 60 business days of notification, the best delivery that could be offered by the Bidder is _____.

QUESTION 5: Please clarify Amendment 4 Answer 32, “for the sensitivity related tests, each detector is assessed individually.”

QUESTION 5a: Please define “assessed.”

ANSWER 5a: The sensitivity will be computed for individual detectors.

QUESTION 5b: Please define the “sensitivity related tests” in Annex B.

ANSWER 5b: Please refer to DID 003 – Radiation Detector Performance

QUESTION 5c: For the sensitivity related tests, must an Annex B score be computed for each detector?

ANSWER 5c: Yes.

QUESTION 5d: Is there an expectation that an RPM with one detector is capable of meeting the tender specifications?

ANSWER 5d: There are no implied expectations.

QUESTION 6: In Amendment 4 Answer 34, please define the required “raw data.”

QUESTION 6a: What “raw data” is required for each test in DID003?

ANSWER 6a: Please refer to DID 003 – Radiation Detector Performance – Instruction CONTENT Section

QUESTION 6b: Is “raw data” required to be submitted in digital form?

ANSWER 6b: Yes. Please refer to DID 003 – Radiation Detector Performance – Instruction FORMAT Section

QUESTION 6c: Must a printout of “raw data” be submitted?

ANSWER 6c: Yes. Please refer to DID 003 – Radiation Detector Performance – Instruction FORMAT Section

QUESTION 7: Amended DID003. “Sensitivity should again be determined using the Cs-137 source, placed at 0.2m and 2.0m.” DID003 is now ambiguous as to whether this distance refers to the distance from detector face, e.g. along the vector normal to the detector face, or in the vertical direction, assuming the detector is in a standard portal monitor style configuration (major axis vertical). Please clarify.

ANSWER 7: Measurements pertaining to the Geometric Response (Vertical) will be between the radiation sensor panels, at a distance 2.5 m from the measured detector face, and at the vertical heights specified (0.2m and 2.0 m).

QUESTION 8: Please supply the missing description of requirement A13.

ANSWER 8: The offered components must enable a means to measure the sensitivity of the gamma detectors to the defined test sources. DOCUMENTATION DELIVERABLE: DID 002-Detector Calibration and Sensitivity Testing

QUESTION 9: Following Pre-Award Testing, if award of a contract is recommended,

QUESTION 9a: Does the system supplied by the Contractor for testing remain with CBSA until a contract is awarded?

ANSWER 9a: Please see Amendment 5 for details on Pre-Award Testing:

The supplied system remains with CBSA until completion of independent verification and testing by the CBSA Science and Engineering Directorate (14 days). If the Pre-Award Testing confirm compliance and ranking, the bidder will be awarded a contract. Only in the event of the Bidder's point allocation ranking changing, the award of contract will not be recommended.

QUESTION 9b: Who is responsible for the system after it is delivered to CBSA for Pre-Award Testing but prior to an award?

ANSWER 9b: Please see Amendment 5 for details on Pre-Award Testing:

The Bidder is responsible for making the system available at the CBSA's location (Ottawa, Ontario), providing necessary manuals and assistance to the CBSA expert (at no cost to the CBSA). Failure to facilitate independent verification by the CBSA expert will result in the Bidder's proposal being declared non-responsive.

CBSA will be responsible for the equipment as long as the equipment is on CBSA property.

QUESTION 9c: What additional work must the Contractor perform after award?

ANSWER 9c: Please see DID 001 and 002.

QUESTION 9d: Does the Pre-Award Testing also serve as the acceptance testing or will additional testing be performed to officially accept the system after award?

ANSWER 9d: Pre-Award testing is the only testing CBSA will perform within this requirement.

QUESTION 10: Will the Pre-Award Testing be performed using a CBSA test method that is the same for both of the two Bidders?

ANSWER 10: Pre-Award testing will be the same for both units selected and the same as the testing requirements defined in the RFP.

QUESTION 11: The Annex B Scoring in the bid will be based on the Bidder's test method, which was approved by CBSA. If the Bidder's test method is different from the CBSA Pre-Award Testing test method, won't the Annex B scoring resulting from these two test programs necessarily be different? How will these differences be accounted for in determining if the Bidder's system is recommended for an award?

ANSWER 11: CBSA has defined the test methods (including ANSI standard methods where applicable) to be used by the bidder. CBSA has also defined the metrics, and will be scoring the vendor's system based on raw data. Note: if the vendor fails to submit the necessary data (e.g., only submits summary information or performance claims) they will be assigned a score of '0' for that test.

There should be no variation in results when the same tests and scoring are repeated by CBSA on-site.

QUESTION 12: Amendment 5 states that award of contract will not be recommended "if Bidder's point allocation ranking changes."

QUESTION 12a: Please define "point allocation ranking changes."

ANSWER 12a: All bids will be evaluated as defined in RFP Amendment 5 - Part 4 -

EVALUATION PROCEDURES AND BASIS OF SELECTION:

2. Basis of Selection - 2.1 Highest Combined Rating of Technical Merit and Price

As illustrated in the example, all bidders will be ranked. The ranking will be done based on the information in the bids (technical score will be calculated based on data provided in bid and financial score based on pricing provided in the bids).

Following evaluations, the two (2) Bidders with the Highest Combined Rating of Technical Merit and Price will advance to Pre-Award Testing.

Results from the Pre-Award Testing will be used to confirm compliance to Annexes "A" and "B" including point allocation of the Point Rated Technical Criteria Matrix of Annex "B".

The Pre-Award Testing will also be used to validate points allocated to the Bidder based on the Technical Criteria Matrix. At this point the results from pre-award testing will be inserted into matrix and used to determine technical points. The calculations (as illustrated in 2.1) will be redone using pre-award testing results and if there is a change in the ranking and the supplier is no longer rank in the top two, award of contract will not be recommended and Bidders ranked third would then advance to pre-award testing.

QUESTION 12b: Does this mean that the Bidder is no longer in the top two Bidders following CBSA Pre-Award Testing?

ANSWER 12b: Yes. See answer provided in a.

QUESTION 12c: Does this mean that the Annex B Scoring from the Pre-Award Testing is different from the Scoring from the bid testing? Aren't such differences expected due to differences in test methods and test sites?

ANSWER 12c: Test methods are the same, scoring is the same. The effects of test site (including variations in natural background) are normalized in the design of experiments to enable cross-comparison.

DELETE:

ANNEX "A" – MANDATORY SPECIFICATIONS

1.5 *Delivery Requirement*

A27	Delivery	<i>(Bidder to complete)</i> Delivery of the systems is required by April 30, 2013, the best delivery that could be offered by the Bidder is _____
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INSERT:

ANNEX "A" – MANDATORY SPECIFICATIONS

1.5 *Delivery Requirement*

A27	Delivery	<i>(Bidder to complete)</i> Delivery of the systems is required within 60 business days of notification, the best delivery that could be offered by the Bidder is _____.
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All other terms and conditions remain the same