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LETTER OF INTEREST
LETTRE D'INTÉRÊT

Comments - Commentaires

Vendor/Firm Name and Address
Raison sociale et adresse du
fournisseur/de l'entrepreneur

Issuing Office - Bureau de distribution
Electronics, Simulators and Defence Systems Div.
/Division des systèmes électroniques et des systèmes de
simulation et de défense
11 Laurier St. / 11, rue Laurier
8C2, Place du Portage
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Title - Sujet Semi-Permanent Self-Contained Modul	
Solicitation No. - N° de l'invitation 21120-126504/A	Date 2012-08-08
Client Reference No. - N° de référence du client 21120-126504	GETS Ref. No. - N° de réf. de SEAG PW-\$\$QF-101-23053
File No. - N° de dossier 101qf.21120-126504	CCC No./N° CCC - FMS No./N° VME
Solicitation Closes - L'invitation prend fin at - à 02:00 PM on - le 2012-09-25	
Time Zone Fuseau horaire Eastern Daylight Saving Time EDT	
F.O.B. - F.A.B. Specified Herein - Précisé dans les présentes Plant-Usine: <input type="checkbox"/> Destination: <input type="checkbox"/> Other-Autre: <input checked="" type="checkbox"/>	
Address Enquiries to: - Adresser toutes questions à: Michael Rancourt	Buyer Id - Id de l'acheteur 101qf
Telephone No. - N° de téléphone (819) 956-3930 ()	FAX No. - N° de FAX (819) 956-5650
Destination - of Goods, Services, and Construction: Destination - des biens, services et construction: See Herein	

Instructions: See Herein

Instructions: Voir aux présentes

Delivery Required - Livraison exigée See Herein	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

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Correctional Service of Canada

Letter of Interest for Semi-Permanent Fully Self-contained Modular Live Fire Range Facilities

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1. Purpose

The Correctional Service of Canada (CSC) has a potential requirement to acquire semi-permanent fully self-contained modular live fire range facilities (Modular Range).

The objective of this Letter of Interest is to:

- a) advise industry of this potential requirement and provide industry with general and draft technical information;
- b) provide industry with a preliminary set of high level specifications, deliverables, schedule, and project scope information;
- c) enable Canada to engage industry and obtain information regarding modular range solutions, including indicative, non-binding cost information for project planning purposes; and
- d) allow Industry to assess and comment on the adequacy and clarity of the requirements as currently expressed; offer suggestions regarding potential alternative solutions that would meet requirements.

2. Background

There is a lack of national firearm training locations available to CSC, which is putting additional pressures on sites to qualify their Correctional Officers on the current platform of firearms. Accessibility to live fire ranges is becoming increasingly difficult for regional sites to secure. Having access to a semi-permanent fully self-contained modular range(s) would help alleviate this training facility shortfall, and help CSC meet its ongoing and future operational training needs and strategy.

3. Project Scope

Should an Request for Proposal (RFP) be released in the future, the following represents the potential project socope:

- a) Buy one initial range with an option for up to 5 additional ranges
All ranges would be configured the same way – same number of lanes and same length
- b) Monthly maintenance will be done by CSC
- c) Regional Range locations: Alberta 1, Quebec 1, Ontario 1, Manatoba or Saskatchewan region 2, and British Columbia 1;
- d) Site prep to be done by CSC in accordance with the manufacturers specs
- e) Supplier to provide initial range training to CSC, range testing and sign-off, all manuals in both English and Canadian French, site design and all tech drwanings to CSC

4. Security

Il n'y a pas d'exigence en matière de sécurité associée à la présente LI; cependant, une sollicitation à venir potentielle pourrait inclure une exigence en matière de sécurité. Une exigence de cette importance pourrait nécessiter une cote de sécurité de Enhanced Reliability pour effectuer le travail.

5. Additional Information Requests

Une fois toutes les trousse de renseignements examinées, des renseignements supplémentaires, des éclaircissements ou une démonstration des systèmes pourraient être demandés par le Service correctionnel Canada par le biais de l'autorité contractante de Travaux publics et Services gouvernementaux Canada (TPSGC) identifiée à la section 7

After review of all the information packages, additional information, clarifications, and/or demonstration of systems may be requested by CSC via Contracting Authority identified in Section 7.

6. Enquiries

All enquiries and other communications related to this LOI shall be directed exclusively to the PWGSC Contracting Authority. All enquiries must be submitted to the Contracting Authority no later than fifteen (15) calendar days before the closing date of this LOI. Enquiries received after that time may not be answered.

Care should be taken by Respondents to explain each question in sufficient detail in order to enable Canada to provide an accurate answer. Technical enquiries that are of a proprietary nature must be clearly marked "proprietary" at each relevant item. Items identified as "proprietary " will be treated as such except where Canada determines that the enquiry is not of a proprietary nature. Canada may edit the questions or may request that the Respondent do so, so that the proprietary nature of the question is eliminated, and the enquiry can be answered with copies to all Respondents. Enquiries not submitted in a form that can be distributed to all Respondents may not be answered by Canada.

Changes to this LOI may occur and will be advertised on the Government Electronic Tendering System (MERX). It is each Respondent's responsibility to verify changes, if any, on MERX.

7. PWGSC Contracting Authority

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Public Works and Government Services Canada (PWGSC)
Defence and Major Projects Sector (DMPS)
Electronics, Simulators, and Defence Systems Division (QF)
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8. Notes to Interested Respondents

This is neither a call for tender nor a Request for Proposal (RFP), and no agreement or contract for the procurement of the equipment stated above will be entered into solely as a result of this LOI. This announcement does not constitute a commitment by Canada. Canada does not intend to award a contract on the basis of the notice or otherwise pay for the information solicited. Any and all expenses incurred by Industry in pursuing this opportunity, including the provision of information and potential visits, are at the Respondents' sole risk and expense.

Any discussions on this subject with project staff representing CSC or PWGSC, or any other Government of Canada representative, or other personnel involved in project activities, shall not be construed as an offer to purchase or as commitment by CSC, PWGSC or Government of Canada as a whole.

Although the documents / information / data collected may be provided as commercial-in-confidence and will not be provided to a third party outside of Canada, Canada reserves the right to use the information to assist them in drafting performance specifications and for budgetary purposes. Requirements are subject to change, which may be as a result of information provided in response to this LOI. Respondents are advised that any information submitted to Canada in response to this LOI may, or may not, be used by Canada in the development of the potential subsequent RFP. The issuance of this LOI does not create an obligation for Canada to issue a subsequent RFP, and does not bind Canada legally or otherwise, to enter into any agreement or to accept or reject any suggestions.

There will be no short-listing of Respondents for the purposes of undertaking any future work, as a result of this LOI. Similarly, participation in this LOI is not a condition or prerequisite for the participation to any RFP.

Respondents to this LOI should identify any submitted information that is to be considered as either company confidential, proprietary or if the response contains controlled goods.

9. LOI Closing Date and Submission of Respondent Information Packages

Respondents must submit their information package to the PWGSC Contracting Authority identified in Section 7 of this LOI document, on or before September 25th, 2012 (LOI Closing date).

three (3) hard copies and three (3) soft copies of the information packages are requested.

Respondent point of contact information must be included in the package.

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Annex A

Draft Modular Range High-Level Requirements

1. Range

Correctional Service of Canada (CSC) requests Respondents to provide detailed information on a semi-permanent fully self-contained eight to ten lane modular range solution. The range must be ballistically protected and include the same ballistic protection for all internal controls, lighting and any target retrieval system.

CSC would prefer the proposed range system / facility is currently operational, and one which has an existing installation base with organizations such as police forces, military forces and / or other correctional organizations within the last five (5) years. CSC is looking at an operational requirement to shoot up to a distance of 50 meters in all lanes.

CSC locations may be within all regions of Canada with the first possible location to be within the Quebec region. CSC is looking for a range with a life span of a minimum of 25 years.

1.1 Portability

CSC requires a semi-permanent modular range capable of being dismantled, relocated and reassembled anywhere in Canada within a reasonable period of time. Ideally this process would be completed within a 60 day period.

Transportation to a new location would be by existing roadway systems.

1.2 Site Preparation

Respondents are to provide detailed information about what type of site preparation is required for their range solution installation process.

Respondents are to provide CSC with details on the infrastructure required on site to support the installation and operation of the range such as electrical, plumbing, foundation and any other mechanical requirements.

Respondents should take into consideration the variations in Canadian climate.

1.3 Safety

The semi-permanent modular range must meet the following safety criteria:

- a. Must meet all Canadian, Provincial and Federal Fire Codes;
- b. All egress and entrance doors must be adequate to provide emergency evacuation and normal traffic flow;
- c. All egresses and entrances must be wide enough to facilitate emergency personnel and equipment (fire, paramedics, etc.);
- d. Ballistically protected (fully ballistic contained environment) for up to and including 5.56 x 45 calibre North Atlantic Treaty Organization (NATO) ammunition;
- e. Must be designed in a manner which will allow for shooters to move down range to set and retrieve targets without an issue of contamination from lead residue;
- f. All internal controls and systems including, but not limited to, lighting, control panels, and target-retrieval systems must be ballistic protected.

1.4 Observation Room

The semi-permanent modular range must have an adequate observation area that meets the following criteria:

- a. Clear and unobstructed views of the entire range, and have the ability to store pistols, shotguns and rifles, as well as, all corresponding ammunition and other various supplies;
- b. Must be a minimum of two (2) egresses and entrances to shooting area from observation room.

1.5 Preparation Area

The semi-permanent modular range(s) must have an adequate preparation and loading area that meets the following criteria:

- a. Must be within the live firing area with enough space and tables to accommodate up to ten (10) shooters;

- b. Must have a safe area for officers to load live ammunition within the fire area;
- c. Must have storage racks that can accommodate weapons with live fire. These weapons include 9mm pistols with jacketed hollow point ammunition, 5.56 mm carbine with NATO ammunition, and 12 gauge shotguns with #4 buck ammunition.

2. Air Flow

The semi-permanent modular range must have adequate air flow that meets the following criteria:

- a. Positive heating, ventilation and air conditioning (HVAC) system;
- b. The air supply must not be re-circulated;
- c. Meet or exceed all federal and provincial health and safety guidelines for safe use of an indoor live fire range.
- d. operate in all types of weather, including but not limited to, extreme temperature fluctuations.

3. Lighting

The semi-permanent modular range must have a lighting system that meets the following criteria:

- a. Must have a lighting system to inform personnel that the range is live (live fire);
- b. Must have proper lighting for operational needs and emergency situations (backup lighting);
- c. Firing lane lighting systems must have the ability to be dimmed to simulate operational settings.

4. Firing Lanes

The semi-permanent modular range must have firing lanes that meet the following criteria:

- a. Must be an open design concept to accommodate up to ten (10) firing lanes;
- b. Personnel must be able to shoot from all positions: prone, kneeling, standing, and standing supported;
- c. All firing lanes must have a shooting distance of fifty (50) meters in length.

5. Target Systems

The semi-permanent modular range must have an automatic targeting system that meets the following criteria:

- a. Must be equipped with a target retrieval system that is operational from a mobile control or from a stationary control environment;
- b. Must be ballistically protected from live ammunition fire of up to 5.56 x 45 NATO rounds.

6. Bullet Traps

The semi-permanent modular range must have a proven bullet trap system. The system must have the following characteristics:

- a. Easy to clean;
- b. Easy to maintain;
- c. Not overly mechanical or complex;
- d. Ballistic protection; and
- e. Eco-friendly.

7. Communication

The Range Safety Officers must have a wireless two-way intercom system for range commands.

Headsets must provide adequate ear protection.

All shooters must have wireless one-way headsets for receiving range commands.

8. Structure

The semi-permanent modular range must be entirely weatherproof for Canadian climate in all regions.

The range structure must have the approval of a certified Engineering firm.

8.1 Floor

All common floor areas must be non-slip and all firing lanes must be reinforced to support live shotgun fire at a distance of 0-10 meters from the firing line.

All floor areas throughout the range must be able to handle constant high volume traffic.

8.2 Exterior Surface

All Exterior surfaces must be insulated and weatherproof.

9. Asset Features

- a. Ability to accommodate both a male and female washroom;
- b. Ability to have a dedicated classroom area.

10. Deliverables

Prior to finalizing requirements, CSC would like to know what solutions exist in the market place to meet their needs for an indoor modular firing range, as well as, non-binding, indicative costs for planning purposes.

Time estimates for the delivery of a solution.

Therefore, the respondents are requested to:

1. Provide a detailed response / design based upon the requirements identified within this document.
2. Confirm that all requirements are achievable and if they can be met with either an off the shelf product, or a custom-built product.
3. Provide details of all prior sales of similar type products including the install locations, years in operation and size and use of the facility.
4. Provide the number of years of experience in the design, manufacturing and installation of semi-permanent modular ranges.
5. Provide a non-binding, indicative cost estimate for the manufacturing and installation of a semi-permanent modular range.
6. Provide an estimated delivery lead time from order receipt to full operational capability

Respondents are encouraged to comment on the feasibility, as well as propose alternative solutions / approaches to meet the stated draft requirements within this LOI.

Respondents are to clearly state any assumptions that were considered in their proposed solutions. This is important for costing information and Canada would like to know exactly how these figures were calculated. For example, if inflation, exchange rate, currency, or contingency factors were taken into account to develop non-binding, indicative cost estimates, Canada would need to know for tentative budgeting purposes.