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Ontario

**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
Ontario Region
10th Floor, 4900 Yonge Street
Toronto
Ontario
M2N 6A6

Title - Sujet Stationary Infantry Targets	
Solicitation No. - N° de l'invitation W3508-220220/B	Amendment No. - N° modif. 002
Client Reference No. - N° de référence du client W3508-22-0220	Date 2022-07-12
GETS Reference No. - N° de référence de SEAG PW-\$TOR-223-8232	
File No. - N° de dossier TOR-1-44139 (223)	CCC No./N° CCC - FMS No./N° VME
Solicitation Closes - L'invitation prend fin at - à 02:00 PM Eastern Daylight Saving Time EDT on - le 2022-07-20 Heure Avancée de l'Est HAE	
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: Cheng, Sabrina	Buyer Id - Id de l'acheteur tor223
Telephone No. - N° de téléphone (647) 619-3845 ()	FAX No. - N° de FAX () -
Destination - of Goods, Services, and Construction: Destination - des biens, services et construction: 4th Canadian Division Training Centre 139152 Grey Road 112 Meaford, ON N4L 0A1	

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. 002

This solicitation amendment No. 002 is raised to:

- 1) Amend the solicitation.

- 1) Solicitation Amendment:

- 1a) **At Part 6, Section 7.4.2 – Delivery Date – Firm Requirement**

Delete: All the deliverables must be received on or before January 31, 2023.

Insert: All the deliverables must be received on or before February 28, 2023.

- 1b) **At Annex A: Statement of Requirement, Section 5.1.1.1.**

Delete: The target system must rotate to place a target directly in-line with the line of fire, from a horizontal position to a vertical position (rotate a min of 90 degrees) in less than 2 seconds.

Insert: At a minimum, the SIT must raise the target from a horizontal position to a vertical position, in less than 2 seconds.

- 1c) **At Annex A: Statement of Requirement, Section 5.1.2. Acceptable types of targets**

Delete: Targets must be equipped to work with Canadian Armed Forces (CAF) Figure 11 and 12 Targets (See Annex A) attached to a 2" x 2" wooden stick or attached to a 3/8" (thick) x 18"(W) x 48"(H) plywood panel.

Insert: The target component of the SIT must resemble an adult military combatant, have a three dimensional shape, and withstand multiple impacts of 5.56 calibre ammunition.

- 1d) **At Annex A: Statement of Requirement, Section 5.1.3, Subsection d.**

Delete: 12.7 × 99 mm (.50 Browning Machine Gun).

- 1e) **At Annex A: Statement of Requirement, Section 5.1.7**

Delete: Must not be greater than 914mm (36") L x 609.6mm (24") W x 609.6mm (24") H, without the attached target (i.e. Figure 11).

Insert: Must not be greater than 914mm (36") L x 609.6mm (24") W x 609.6mm (24") H, without the attached target.

- 1f) **At Annex A: Statement of Requirement, Section 5.3.2.**

Delete: Charging station(s) must have enough capacity to charge 20 power supplies at one time.

Insert: Must provide enough charging station(s) to accommodate 20 power supplies at one time.

- 1g) **At Annex A: Statement of Requirement, Section 6.2. Warranty**

Delete: The Contractor must provide warranty on all parts, components and Special Tools and Equipment (STE), including labour and shipping costs. The Contractor must also provide

an additional extended five (5) year warranty on all parts, components and Special Tools and Equipment (STE), including labour and shipping cost; and

Insert: The Contractor must provide warranty on all parts, components and Special Tools and Equipment (STE), including labour and shipping costs. The Contractor must also provide an additional extended five (5) year warranty on all parts, components and Special Tools and Equipment (STE), including labour and shipping cost. Routine maintenance and minor repairs will be the responsibility of the client.

1h) At Appendix 1 to Annex A - Targets

Delete: in its entirety.

1i) At Annex A: Statement of Requirement

Delete: in its entirety; and

Insert: Annex A Statement of Requirement (revision 1) (see below)

ALL OTHER TERMS AND CONDITIONS REMAIN THE SAME.

ANNEX "A"

STATEMENT OF REQUIREMENT (revision 1)

1. TITLE

STATIONARY INFANTRY TARGETING SYSTEM

2. PURPOSE

Department of National Defence (DND) requires the supply, delivery, training and on-going maintenance support of twenty (20) Stationary Infantry Target Systems (SITS). The SITS will be used to support individual and collective training of dismounted Canadian Army (CA) personnel during live small arms ranges at 4th Canadian Division Training Centre (4 CDTC).

3. BACKGROUND

The use of Stationary Infantry Targets is a requirement for the conduct of the Development Period 1 Infantry Solider course, and is a valuable training asset for numerous other soldier training courses, and individual and collective exercises. The current Stationary Infantry Target system employed by 4 CDTC is beyond economical repair (BER) with components that are not currently manufactured, making the system practically impossible to maintain except via cannibalizing parts from within the system. The current Stationary Infantry Target system must be life-cycled to ensure support of training at 4 CDTC.

4. SCOPE OF WORK

The Contractor must supply a minimum of 20 Stationary Infantry Target Systems, 2 hand controllers, and maintenance support services that meet each of the requirement specifications identified below.

5. MANDATORY TECHNICAL SPECIFICATIONS

The Contractor must meet each of the following specifications:

5.1. Stationary Infantry Targets

5.1.1. Description

5.1.1.1. At a minimum, the SIT must raise the target from a horizontal position to a vertical position, in less than 2 seconds.

5.1.1.2. Each target system must include each of the following items; the main assembly, power supplies, chargers, and any tooling required for set up and operation.

5.1.2. Acceptable Types of Targets

The target component of the SIT must resemble an adult military combatant, have a three dimensional shape, and withstand multiple impacts of 5.56 calibre ammunition.

5.1.3. Must accommodate minimum Ammunition and Calibre Types of each of the following

- a. 5.56 × 45 mm (.223 Remington)
- b. 7.62 × 51 mm (.308 Winchester)
- c. 9 × 19 mm (9 mm Parabellum)

5.1.4. Weight

Each target must not more than 50 kgs (110.2 lbs) each (without power supply).

5.1.5. Temperature Tolerance

Targets must operate within the following Minimum Temperatures: Operation -20°C to +40°C

5.1.6. Wind Tolerance

Must withstand minimum wind speeds up to 40 kph (28 mph) (steady and gusts)

5.1.7. Dimensions

Must not be greater than 914mm (36") L x 609.6mm (24") W x 609.6mm (24") H, without the attached target.

5.1.8. Simulators

Must include 'drop when hit' feature for each target.

5.2. Controllers

5.2.1. Description

Controllers must permit the programming of the target systems and controlling their operation (initiating the rotation) during live ranges via a wireless connection (i.e. radio transmission).

5.2.2. Quantity

Minimum of 2 x controllers must be delivered, with each controlling a minimum of 20 targets at once.

5.2.3. Weight

The controller must be handheld.

5.2.4. Range

Minimum 300m within closed terrain (trees, brush, etc.), and minimum of 1000m in open terrain (fields).

5.2.5. Water resistance

Must be resistant to precipitation.

5.2.6. Ruggedized

Must be drop safe onto compacted ground from a height of 4 Feet.

5.2.7. Display Requirements

Must be readable in direct sun and indicate when targets are hit.

5.3. Power Supplies and Chargers

5.3.1. Description

Each target system and controller must have an independent, cordless, power supply that is re-chargeable.

5.3.2. Charging Stations

Must provide enough charging station(s) to accommodate 20 power supplies at one time.

5.3.3. Weight

Be handheld.

5.3.4. Power Rating

Chargers: maximum 120 VAC, 15 amp.

5.3.5. Charge Life

Minimum of 12 hours and a minimum of 80 lift/fall cycles.

6. TASKS AND DELIVERABLES

6.1. Operations and Maintenance Manuals

Must deliver 2 printed copies and one electronic copy that is in a searchable portable document format for both the Operation Manuals and the Maintenance Manuals for each of the Targets, Controllers and Power Supplies and Chargers. The manuals must clearly describe, using text and diagrams/pictures, the operation and the maintenance of all components of the Stationary Infantry Target system and must be in English.

6.2. Warranty

The Contractor must provide warranty on all parts, components and Special Tools and Equipment (STE), including labour and shipping costs. The Contractor must also provide an additional extended five (5) year warranty on all parts, components and Special Tools and Equipment (STE), including labour and shipping cost. **Routine maintenance and minor repairs will be the responsibility of the client.**

6.3. Support

The Contractor must provide Technical Support for the Stationary Infantry Target system, its components and STE, for the duration of the Contract via e-mail and telephone to assist with the operation, preventative and corrective maintenance and repairs at minimum Monday – Friday during business hours of 0800 hrs to 1600 hours (Eastern Time).

7. DELIVERY

The Stationary Infantry Target systems as described above with all components and documentation is to be delivered to:

4th Canadian Division Training Centre
139152 Grey Rd 112
Meaford, ON N4L 0A1

8. OPTIONAL GOODS AND SERVICES

The Contractor must provide the following optional goods and services available to purchase for the Stationary Infantry Targets:

8.1. Additional Hardware

8.1.1. 1 x Stationary Infantry Target (as per 4.1) with power supply.

8.1.2. 1 x Hand controller (as per 4.2) with power supply.

8.1.3. 1 x Charging station.

8.1.4. 1 x Power supply for target system

8.1.5. 1 x Power supply for hand controller.

8.2. Training

8.2.1. Provide one (1) on-site training for 10 people at 4 CDTC for the operation and maintenance of the Stationary Infantry Target system. Training will include diagnostic analysis of problems to determine the cause of any malfunctions, and how to conduct minor repairs. Training must include at least one live fire range where all 10 personnel participating in the training will be trained on the operation of the targets systems.

8.2.3. The Contractor will make all travel, accommodations, and meals arrangements for the trainer(s). Canada is not responsible to cover any travel, accommodation or meal related costs.

8.2.4. Training must be conducted on the procured equipment with consumable targets (Figure 11 and/or 12) provided by 4 CDTC.

8.2.5. The language of Work is English.

8.2.6. The length of training is a minimum of 2 days. A typical training day is from 0800 to 1700.

8.2.7. Training session is tentatively scheduled to occur with two (2) years after contract award. Firm dates to be negotiated with the Project Authority. A contract amendment will be issued once the date is confirmed.