

RETURN BIDS TO:
RETOURNER LES SOUMISSIONS À:

**Bid Receiving - PWGSC / Réception des
soumissions - 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

REQUEST FOR PROPOSAL
DEMANDE DE PROPOSITION

**Proposal To: Public Works and Government
Services Canada**

We hereby offer to sell to Her Majesty the Queen in right of Canada, in accordance with the terms and conditions set out herein, referred to herein or attached hereto, the goods, services, and construction listed herein and on any attached sheets at the price(s) set out therefor.

**Proposition aux: Travaux Publics et Services
Gouvernementaux Canada**

Nous offrons par la présente de vendre à Sa Majesté la Reine du chef du Canada, aux conditions énoncées ou incluses par référence dans la présente et aux annexes ci-jointes, les biens, services et construction énumérés ici sur toute feuille ci-annexée, au(x) prix indiqué(s).

Comments - Commentaires

Title - Sujet TARGET, SILHOUETTE		
Solicitation No. - N° de l'invitation W8486-135607/A	Date 2013-05-13	
Client Reference No. - N° de référence du client W8486-135607		
GETS Reference No. - N° de référence de SEAG PW-\$\$BM-029-23763		
File No. - N° de dossier 029bm.W8486-135607	CCC No./N° CCC - FMS No./N° VME	
Solicitation Closes - L'invitation prend fin at - à 02:00 PM on - le 2013-05-29		Time Zone Fuseau horaire Eastern Daylight Saving Time EDT
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: Dunse(029bm), Ron		Buyer Id - Id de l'acheteur 029bm
Telephone No. - N° de téléphone (819) 956-7922 ()	FAX No. - N° de FAX (819) 956-5650	
Destination - of Goods, Services, and Construction: Destination - des biens, services et construction: DEPARTMENT OF NATIONAL DEFENCE CFSD MONTREAL 6363 RUE NOTRE DAME ST E. MONTREAL Quebec H1N2E9 Canada		

Instructions: See Herein

Instructions: Voir aux présentes

Vendor/Firm Name and Address

Raison sociale et adresse du

fournisseur/de l'entrepreneur

Issuing Office - Bureau de distribution

Weapons Systems Division/Division des systèmes d'arme

11 Laurier St. / 11, rue Laurier

8C2, Place du Portage

Gatineau

Québec

K1A 0S5

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



Item Article	Description	Dest. Code Dest.	Inv. Code Fact.	Qty Qté	U. of I. U. de D.	Destination	Unit Price/Prix unitaire FOB/FAM	Plant/Usine	Delivery Req. Livraison Req.	Del. Offered Liv. offerte
1	NSN - NNO: 6920-20-004-8740 TARGET, SILHOUETTE MATERIAL>PLASTIC SILHOUETTED IMAGE QUANTITY>1 SILHOUETTED IMAGE TYPE>FACE SILHOUETTED IMAGE CORRESPONDING OUTLINE QUANTITY>1 SILHOUETTED IMAGE OVERALL HEIGHT>20.937 INCHES NOMINAL SILHOUETTED IMAGE OVERALL WIDTH>17.500 INCHES NOMINAL OVERALL HEIGHT>20.937 INCHES NOMINAL OVERALL WIDTH> 17.500 INCHES NOMINAL OVERALL THICKNESS>0.250 INCHES NOMINAL DISTANCE FOR WHICH DESIGNED>NOT APPLICABLE SPECIAL FEATURES>3 MOUNTING SLOTS ON BOTTOM, 2.000 INCHES HIGH AND 0.750 INCHES WIDE; TAPERED ON TOP TO A WIDTH OF 7.678 INCHES NSCM/CAGE - COF/CAGE: L8504 Part No. - N° de la partie: 1259	WB941	W1941	600	Each	\$	XXXXXXXXXXXX		See Herein	
2	NSN - NNO: 6920-20-004-8742 TARGET, SILHOUETTE MATERIAL>PLASTIC SILHOUETTED IMAGE QUANTITY>1 SILHOUETTED IMAGE TYPE>UPRIGHT SILHOUETTED IMAGE CORRESPONDING OUTLINE QUANTITY>1 SILHOUETTED IMAGE OVERALL HEIGHT>44.750 INCHES NOMINAL SILHOUETTED IMAGE OVERALL WIDTH>17.880 INCHES NOMINAL OVERALL HEIGHT>44.750 INCHES NOMINAL OVERALL WIDTH> 17.880 INCHES NOMINAL OVERALL THICKNESS>0.250 INCHES	WB941	W1941	300	Each	\$	XXXXXXXXXXXX		See Herein	

Item Article	Description	Dest. Code Dest.	Inv. Code Fact.	Qty Qté	U. of I. U. de D.	Unit Price/Prix unitaire FOB/FAM Destination Plant/Usine	Delivery Req. Livraison Req.	Del. Offered Liv. offerte
2	NOMINAL DISTANCE FOR WHICH DESIGNED>NOT APPLICABLE SPECIAL FEATURES>3 MOUNTING SLOTS EACH 2.000 INCHES HIGH AND 0.750 INCHES WIDE NSCM/CAGE - COF/CAGE: L8504 Part No. - N° de la partie: 1159							

Item Article	Description	Dest. Code Dest.	Inv. Code Fact.	Qty Qté	U. of I. U. de D.	Destination	Unit Price/Prix unitaire FOB/FAM	Plant/Usine	Delivery Req. Livraison Req.	Del. Offered Liv. offerte
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Item Article	Description	Dest. Code Dest.	Inv. Code Fact.	Qty Qté	U. of I. U. de D.	Unit Price/Prix unitaire FOB/FAM Destination	Plant/Usine	Delivery Req. Livraison Req.	Del. Offered Liv. offerte
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5	PLASTIC TARGET OPT. YR. 1	WB941	W1941	600	Each	\$	XXXXXXXXXXXX	See Herein	
6	PLASTIC TARGET OPT. YR. 1	WB941	W1941	300	Each	\$	XXXXXXXXXXXX	See Herein	

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PART 1 - GENERAL INFORMATION

1. Security Requirement

There is no security requirement associated with the requirement.

2. Requirement

The requirement is detailed under the Annex "B" Requirement.

3. Debriefings

After contract award, bidders may request a debriefing on the results of the bid solicitation process. Bidders should make the request to the Contracting Authority within 15 working days of receipt of the results of the bid solicitation process. The debriefing may be in writing, by telephone or in person.

PART 2 - BIDDER INSTRUCTIONS

1. Standard Instructions, Clauses and Conditions

All instructions, clauses and conditions identified in the bid solicitation by number, date and title are set out in the Standard Acquisition Clauses and Conditions Manual (<https://buyandsell.gc.ca/policy-and-guidelines/standard-acquisition-clauses-and-conditions-manual>) issued by Public Works and Government Services Canada.

Bidders who submit a bid agree to be bound by the instructions, clauses and conditions of the bid solicitation and accept the clauses and conditions of the resulting contract.

The 2003 (2012-11-19) Standard Instructions - Goods or Services - Competitive Requirements, are incorporated by reference into and form part of the bid solicitation.

1.1 SACC Manual Clauses

B1000T (2007-11-30) Condition of Material

B3000T (2006-06-16) Equivalent Products

2. Submission of Bids

Bids must be submitted only to Public Works and Government Services Canada (PWGSC) Bid Receiving Unit by the date, time and place indicated on page 1 of the bid solicitation.

Due to the nature of the bid solicitation, bids transmitted by facsimile to PWGSC will not be accepted.

3. Enquiries - Bid Solicitation

All enquiries must be submitted in writing to the Contracting Authority no later than (15) calendar days before the bid closing date. Enquiries received after that time may not be answered.

Bidders should reference as accurately as possible the numbered item of the bid solicitation to which the enquiry relates. Care should be taken by bidders 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 Bidder do so, so that the proprietary nature of the question is eliminated, and the enquiry can be answered with copies to all bidders. Enquiries not submitted in a form that can be distributed to all bidders may not be answered by Canada.

4. Applicable Laws

Any resulting contract must be interpreted and governed, and the relations between the parties determined, by the laws in force in Ontario, Canada.

Bidders may, at their discretion, substitute the applicable laws of a Canadian province or territory of their choice without affecting the validity of their bid, by deleting the name of the Canadian province or territory specified and inserting the name of the Canadian province or territory of their choice. If no change is made, it acknowledges that the applicable laws specified are acceptable to the bidders.

PART 3 - BID PREPARATION INSTRUCTIONS

1. Bid Preparation Instructions

Canada requests that bidders provide their bid in separately bound sections as follows:

Section I: Technical Bid (1 hard copies)

Section II: Financial Bid (1 hard copies)

Section III: Certifications (1 hard copies)

If there is a discrepancy between the wording of the soft copy and the hard copy, the wording of the hard copy will have priority over the wording of the soft copy.

Prices must appear in the financial bid only. No prices must be indicated in any other section of the bid.

Canada requests that bidders follow the format instructions described below in the preparation of their bid:

- (a) use 8.5 x 11 inch (216 mm x 279 mm) paper;
- (b) use a numbering system that corresponds to the bid solicitation.

In April 2006, Canada issued a policy directing federal departments and agencies to take the necessary steps to incorporate environmental considerations into the procurement process Policy on Green Procurement

(<http://www.tpsgc-pwgsc.gc.ca/ecologisation-greening/achats-procurement/politique-policy-eng.html>). To assist Canada in reaching its objectives, bidders should:

- 1) use 8.5 x 11 inch (216 mm x 279 mm) paper containing fibre certified as originating from a sustainably-managed forest and containing minimum 30% recycled content; and
- 2) use an environmentally-preferable format including black and white printing instead of colour printing, printing double sided/duplex, using staples or clips instead of cerlox, duotangs or binders.

Section I: Technical Bid

In their technical bid, bidders should explain and demonstrate how they propose to meet the requirements and how they will carry out the Work.

Section II: Financial Bid

Bidders must submit their financial bid in accordance with the Basis of Payment. The total amount of Goods and Services Tax (GST) or Harmonized Sales Tax (HST) must be shown separately, if applicable.

Section III: Certifications

Bidders must submit the certifications required under Part 5.

1.1 Exchange Rate Fluctuation

C3011T (2010-01-11), Exchange Rate Fluctuation

PART 4 - EVALUATION PROCEDURES AND BASIS OF SELECTION

1. Evaluation Procedures

(a) Bids will be assessed in accordance with the entire requirement of the bid solicitation including the technical and financial evaluation criteria.

(b) An evaluation team composed of representatives of Canada will evaluate the bids.

1.1 Technical Evaluation

1.1.1 Mandatory Technical Criteria

Identified in Annex "B"

1.2 Financial Evaluation

The price of the bid will be evaluated in Canadian dollars, the Goods and Services Tax or the Harmonized Sales Tax excluded, FOB destination, Canadian customs duties and excise taxes included.

2. Basis of Selection

2.1 A bid must comply with all requirements of the bid solicitation to be declared responsive. The responsive bid with the lowest evaluated price will be recommended for award of a contract.

PART 5 - CERTIFICATIONS

Bidders must provide the required certifications and related documentation to be awarded a contract. Canada will declare a bid non-responsive if the required certifications and related documentation are not completed and submitted as requested.

Compliance with the certifications bidders provide to Canada is subject to verification by Canada during the bid evaluation period (before award of a contract) and after award of a contract. The Contracting Authority will have the right to ask for additional information to verify bidders' compliance with the certifications before award of a contract. The bid will be declared non-responsive if any certification made by the Bidder is untrue, whether made knowingly or unknowingly. Failure to comply with the certifications, to provide the related documentation or to comply with the request of the Contracting Authority for additional information will also render the bid non-responsive.

1. Mandatory Certifications Required Precedent to Contract Award

1.1 Code of Conduct and Certifications - Related documentation

By submitting a bid, the Bidder certifies as per section 01 of Standard Instructions 2003 for himself and his affiliates, to be in compliance with the Code of Conduct and Certifications clause of the Standard instructions. The related documentation therein required will help Canada in confirming that the certifications are true.

2. Additional Certifications Precedent to Contract Award

The certifications listed below should be completed and submitted with the bid, but may be submitted afterwards. If any of these required certifications is not completed and submitted as requested, the Contracting Authority will so inform the Bidder and provide the Bidder with a time frame within which to meet the requirement. Failure to comply with the request of the Contracting Authority and meet the requirement within that time period will render the bid non-responsive.

2.1 Federal Contractors Program - Certification

1. The Federal Contractors Program (FCP) requires that some suppliers, including a supplier who is a member of a joint venture, bidding for federal government contracts, valued at \$200,000 or more (including all applicable taxes), make a formal commitment to implement employment equity. This is a condition precedent to contract award. If the Bidder, or, if the Bidder is a joint venture and if any member of the joint venture, is subject to the FCP, evidence of its commitment must be provided before the award of the Contract.

Suppliers who have been declared ineligible contractors by Human Resources and Skills Development Canada (HRSDC) are no longer eligible to receive government contracts over the threshold for solicitation of bids as set out in the Government Contracts Regulations. Suppliers may be declared ineligible contractors either as a result of a finding of non-compliance by HRSDC, or following their voluntary withdrawal from the FCP for a reason other than the reduction of their workforce to less than 100 employees. Any bids from ineligible contractors,

including a bid from a joint venture that has a member who is an ineligible contractor, will be declared non-responsive.

2.If the Bidder does not fall within the exceptions enumerated in 3.(a) or (b) below, or does not have a valid certificate number confirming its adherence to the FCP, the Bidder must fax (819-953-8768) a copy of the signed form LAB 1168, Certificate of Commitment to Implement Employment Equity, to the Labour Branch of HRSDC.

3.The Bidder, or, if the Bidder is a joint venture the member of the joint venture, certifies its status with the FCP, as follows:

The Bidder or the member of the joint venture

a.() is not subject to the FCP, having a workforce of less than 100 full-time or part-time permanent employees, and/or temporary employees having worked 12 weeks or more in Canada;

b.() is not subject to the FCP, being a regulated employer under the Employment Equity Act, S.C. 1995, c. 44;

c.() is subject to the requirements of the FCP, having a workforce of 100 or more full-time or part-time permanent employees, and/or temporary employees having worked 12 weeks or more in Canada, but has not previously obtained a certificate number from HRSDC (having not bid on requirements of \$200,000 or more), in which case a duly signed certificate of commitment is attached;

d.() is subject to the FCP, and has a valid certificate number as follows: _____ (e.g. has not been declared an ineligible contractor by HRSDC).

Further information on the FCP is available on the HRSDC Web site.

PART 6 - RESULTING CONTRACT CLAUSES

1. Security Requirement

There is no security requirement associated with the requirement.

2. Requirement

The requirement is detailed under the Annex "B" Requirement.

3. Standard Clauses and Conditions

All clauses and conditions identified in the Contract by number, date and title are set out in the Standard Acquisition Clauses and Conditions

Manual(<https://buyandsell.gc.ca/policy-and-guidelines/standard-acquisition-clauses-and-conditions-manual>) issued by Public Works and Government Services Canada.

3.1 General Conditions

2010A (2013-03-21), General Conditions - Goods (Medium Complexity), apply to and form part of the Contract.

4. Term of Contract

4.1 Delivery Date

All the deliverables must be received on or before _____ (insert the date).

4.2 Option to Extend the Contract

The Contractor grants to Canada the irrevocable option to extend the term of the Contract by up to 3 additional 1 year period(s) under the same conditions. The Contractor agrees that, during the extended period of the Contract, it will be paid in accordance with the applicable provisions as set out in the Basis of Payment.

Canada may exercise this option at any time by sending a written notice to the Contractor at least 7 calendar days before the expiry date of the Contract. The option may only be exercised by the Contracting Authority, and will be evidenced for administrative purposes only, through a contract amendment.

5. Authorities

5.1 Contracting Authority

The Contracting Authority for the Contract is:

Name: Ron Dunse

Title: Supply Specialist

Public Works and Government Services Canada

Acquisitions Branch

Directorate: EMTSPD

Address: 11 Laurier Street,

Gatineau QC

K1A 0S5

Telephone: 819-956-7922

Facsimile: 819-934-0610

E-mail address: ron.dunse@pwgsc.gc.ca

The Contracting Authority is responsible for the management of the Contract and any changes to the Contract must be authorized in writing by the Contracting Authority. The Contractor must not perform work in excess of or outside the scope of the Contract based on verbal or written requests or instructions from anybody other than the Contracting Authority.

5.2 Project Authority

The Technical Authority for the Contract is:

Name: _____

Title: _____

Organization: _____

Address: _____

Telephone: ____-____-____

Facsimile: ____-____-____

E-mail: _____.

The Technical Authority named above is the representative of the department or agency for whom the Work is being carried out under the Contract and is responsible for all matters concerning the technical content of the Work under the Contract. Technical matters may be discussed with the Technical Authority, however the Technical Authority has no authority to authorize changes to the scope of the Work. Changes to the scope of the Work can only be made through a contract amendment issued by the Contracting Authority.

5.3 Contractor's Representative

Name: _____

Title: _____

Organization: _____

Address: _____

Telephone : ____ ____ ____

Facsimile: ____ ____ ____

E-mail address: _____

6. Payment

6.1 Basis of Payment

In consideration of the Contractor satisfactorily completing all of its obligations under the Contract, the Contractor will be paid a firm price, as specified in Annex "A" for a cost of \$ _____ insert the amount at contract award). Customs duties are included, and Goods and Services Tax or Harmonized Sales Tax is extra, if applicable.

Canada will not pay the Contractor for any design changes, modifications or interpretations of the Work, unless they have been approved, in writing, by the Contracting Authority before their incorporation into the Work.

6.2 SACC Manual Clauses

C6000C (2011-05-16) Limitation of Price

B7500C (2006-06-16) Excess Goods

C2000C (2007-11-30) Taxes - Foreign Based Contractors

6.3 SACC Manual Clauses

Canada will pay the Contractor upon completion and delivery of units in accordance with the payment provisions of the Contract if:

- a. an accurate and complete invoice and any other documents required by the Contract have been submitted in accordance with the invoicing instructions provided in the Contract;
- b. all such documents have been verified by Canada;
- c. the Work delivered has been accepted by Canada.

7. Invoicing Instructions

1. The Contractor must submit invoices in accordance with the section entitled "Invoice Submission" of the general conditions. Invoices cannot be submitted until all work identified in the invoice is completed.

2. Invoices must be distributed as follows:

- a. The original and one (1) copy must be forwarded to the following address for certification and payment.

National Defence Headquarters
MGN George R. Perkes Building

101 Colnel By Drive
Ottawa, ON
K1A 0K2

b. one (1) copy must be forwarded to the Contracting Authority identified under the section entitled "Authorities" of the Contract.

c. one (1) copy must be forwarded to the consignee.

8. Certifications

8.1 Compliance

Compliance with the certifications and related documentation provided by the Contractor in its bid is a condition of the Contract and subject to verification by Canada during the term of the Contract. If the Contractor does not comply with any certification, provide the related documentation or if it is determined that any certification made by the Contractor in its bid is untrue, whether made knowingly or unknowingly, Canada has the right, pursuant to the default provision of the Contract, to terminate the Contract for default.

9. Applicable Laws

The Contract must be interpreted and governed, and the relations between the parties determined, by the laws in force in Ontario, Canada.

10. Priority of Documents

If there is a discrepancy between the wording of any documents that appear on the list, the wording of the document that first appears on the list has priority over the wording of any document that subsequently appears on the list.

- (a) the Articles of Agreement;
- (b) 2010A (2013-03-21) General Conditions
- (c) Annex A, Basis of Payment
- (e) Annex B, Requirement
- (f) Annex C, Additional Information
- (g) the Contractor's bid dated _____ (insert date of bid)

11. Defence Contract

SACC Manual clause A9006C (2012-07-16) Defence Contract

12. SACC Manual Clauses

D5545C (2010-08-16) ISO 9001:2000 Quality Management Systems - Requirement (QAC C)

B7500C (2006-06-16) Excess Goods

C2800C (2013-01-28) Priority Rating

C6000C (2011-05-16) Liability for Changes

D6010C (2007-11-30) Palletization

D9002C (2007-11-30) Incomplete Assemblies

13. Preparation for Delivery

The Contractor must prepare item(s) 1-9 for delivery in accordance with the latest issue of the Canadian Forces packaging specifications D-LM-008-036 .

14. Shipping Instructions - Delivery at Destination

Goods must be consigned to the destination specified in the Contract and delivered:

FOB Destination 25 CFSD-CFB Montreal including all delivery charges and customs duties and Applicable Taxes.

15. Insurance

The Contractor is responsible for deciding if insurance coverage is necessary to fulfill its obligation under the Contract and to ensure compliance with any applicable law. Any insurance acquired or maintained by the Contractor is at its own expense and for its own benefit and protection. It does not release the Contractor from or reduce its liability under the Contract.

ANNEX "A"

Basis of Payment

Solicitation No. - N° de l'invitation

W8486-135607/A

Amd. No. - N° de la modif.

Buyer ID - Id de l'acheteur

029bm

Client Ref. No. - N° de réf. du client

File No. - N° du dossier

CCC No./N° CCC - FMS No/ N° VME

W8486-135607

029bmW8486-135607

ANNEX "B"

Requirement

ANNEX "C"

Additional Information

ANNEX "A"**Basis of Payment****A. Firm Requirement**

Item	Description	QTY	Unit Price	Delivery Date	Price
1	NSN# N69-2020-044-8740 TARGET, SILHOUETTE Acceptable Manufacturer Part 1259 Supplier - L8504 Proflex INC Or Equivalent in accordance with Annex "B"	600			
2	NSN# N6920-20-004-8742 TARGET , SILHOUETTE Acceptable Manufacturer Part 1159 Supplier - L8504 Proflex INC Or Equivalent in accordance with Annex "B"	300			
	Total Price of A				

B. OPTION YEAR 1

Item	Description	QTY	Unit Price	Delivery Date	Price
3	NSN# N69-2020-044-8740 TARGET, SILHOUETTE Acceptable Manufacturer Part 1259 Supplier - L8504 Proflex INC Or Equivalent in accordance with Annex "B"	600			
4	NSN# N6920-20-004-8742 TARGET, SILHOUETTE Acceptable Manufacturer Part 1159 Supplier - L8504 Proflex INC Or Equivalent in accordance with Annex "B"	300			
	Total Price of B				

C. OPTION YEAR 2

Item	Description	QTY	Unit Price	Delivery Date	Price
5	NSN# N69-2020-044-8740 TARGET , SILHOUETTE Acceptable Manufacturer Part 1259 Supplier - L8504 Proflex INC Or Equivalent in accordance with Annex "B"	600			
6	NSN# N6920-20-004-8742 TARGET, SILHOUETTE Acceptable Manufacturer Part 1159 Supplier - L8504 Proflex INC Or Equivalent in accordance with Annex "B"	300			
	Total Price of C				

D. OPTION YEAR 3

Item	Description	QTY	Unit Price	Delivery Date	Price
7	NSN# N69-2020-044-8740 TARGET , SILHOUETTE Acceptable Manufacturer Part 1259 Supplier - L8504 Proflex INC Or Equivalent in accordance with Annex "B"	600			
8	NSN# N6920-20-004-8742 TARGET , SILHOUETTE Acceptable Manufacturer Part 1159 Supplier - L8504 Proflex INC Or Equivalent in accordance with Annex "B"	300			
	Total Price for D				
	Total Price for (A+B+C+D)				

FOB Destination to:
25 CFSD - Receipts Section
CFB Montreal, QC
H1N 2E9
Canada

**PERFORMANCE SPECIFICATIONS
FOR PLASTIC TARGETS
USED BY THE
AUTOMATIC TARGET SYSTEM (ATS)**

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1.0 SCOPE

1.1 Requirement

1.1.1 The Department of National Defence (DND) has a requirement for the purchase of a replacement plastic target for the Automatic Target System (ATS) used on the outdoor small arms ranges.

1.2 Purpose

1.2.1 The purpose of this Performance Specification is to outline the specifications of the requirement for the supply of plastic Figure 11 and Figure 12 targets.

1.3 Background

1.3.1 The ATS was built by ATA, from the USA, back in 1995 -1998 time frame. At this time the Construction Engineers were developing a range update program. The systems were purchased as a buy and try, with a five year maintenance contract, with the intent of gather lessons learned before evolving the equipment procurement into a DLR Project. The ATS equipment requirement never materialized into a Project. The maintenance contract elapsed over five years ago and was left up to the area to establish local point of contact. There are currently three ATS site locations across the Land Forces (Farnham with three ranges, Edmonton with 3 ranges and Gagetown with one range.)

1.3.2 The original ATS was supplied with a green plastic corrugated backer that precisely attached to the ATS lifting arms. The paper targets were taped to the plastic backers. Keeping the paper targets attached to the backer board has turned out to be a major problem

1.4 Scope of Work

1.4.1 The contractor shall supply plastic figure 11 and figure 12 targets that adapt to the ATS lifting mechanism.

1.5 APPLICABLE DOCUMENTS

1.5.1 None

2.0 GENERAL

2.1 Security of Work

2.1.1 The work and documentation prepared by the contractor as it applies to the ATS shall be UNCLASSIFIED.

2.2 Priority of Documents

2.2.1 This specification document shall become the governing document and establish the acceptance criteria for purposes of the RFP. This specification document shall take precedence over any subsidiary specifications referenced herein, and shall provide the agreed basis for performance and inspection of the work under the contract.

2.3 Review Meetings

2.3.1 Formal review meeting shall not be required.

2.4 Warranty

2.4.1 The manufacture shall warranty that the plastic targets will mount securely and properly to the lift arm of the ATS.

3.0 DETAILED REQUIREMENTS

3.1 Artwork

3.1.1 The art work for both the Figure 11 and Figure 12 target will be identical to the eye (figure 1 & 2) as the existing commonly used NATO Figure 11 and 12 targets except they shall be etched into a black and white substratum. Some expansion in size to the artwork may be required to adapt the artwork to the size of the substratum material.



Fig1- Figure 11 artwork



Fig 2- Figure 12 artwork

3.2 Dimensions of Artwork

3.2.1 The following dimensions pertain to the Figure 11 target but do not include the mounting area of the target which is 6.5 in / 16.5 cm below the artwork:

- a. Height- 33 in / 83.8 cm straight at which point the target is angled in 30 degrees for an additional 8.5 in / 21.6 cm. Overall height is 41.5 in / 105.4 cm;
- b. Width- width at the bottom of the target is 18 in / 45.7 cm and at the top 7.7 in/ 19.6 cm; and
- c. A tolerance of 0.75 in/ 1.9 cm is acceptable.

3.2.2 The following dimension pertains to the Figure 12 target but does not include the mounting area of the target which is 6.5 in / 16.5 cm below the artwork:

- a. Height- 9.7 in / 24.6 cm straight at which point the target is angled in 32 degrees for an additional 7.5 in/ 19 cm. Overall height is 17.5 in / 44.5 cm;
- b. Width- width at the bottom of the target is 17.5 in/ 44.5 cm and at the top 7.5 in/ 19 cm; and
- c. A tolerance of 0.75 in/ 1.9 cm is acceptable.

3.3 Mounting Area

3.3.1 The mounting of the target is identical for both the figure 11 and figure 12 targets. As the ATS performs automatic scoring by measuring the sonic wave following a projectile the location of the target mounting on the lifting arm is critical.

3.3.2 The mounting area shall be:

- a. Height- The area must extend 6.5 in / 16.5 cm below the artwork to allow for the 3 in/ 7.6 cm wide target holder to securely clamp the bottom of the target onto the lifter;
- b. Width- width of the artwork; and
- c. Mounting Slots- the target shall have three (3) slots along the bottom 0.750 in/ 1.9 cm wide and 2 in/ 5 cm high for allowing the existing mounting clamps to pass through the target and tighten the clamping bar to the lifter arm. From the center slot on either side spaced 7.2 in / 18.3 cm apart on center are the other two (2) mounting slots.

3.4 Substratum Specifications

3.4.1 The substratum shall be a black on white plastic laminate. The minimal thickness for the black shall be 0.020 in / 0.05 cm and the white shall have a minimal thickness of 0.18 in / 0.45 cm to allow ample definition between the artworks black and white pattern.

3.4.2 The substratum must be durable enough to sustain 4000 rounds of 5.56mm projectiles passing through the substratum without any major degradation to the target.

3.4.3 To eliminate the possibility of the taller figure 11 target folding in the wind it shall incorporate some sort of stiffing to this target only. It is felt the figure 12 is low enough the wind will not affect it.

3.4.4 Due to the lifting restrictions of the ATS the maximum weight of the target substratum shall not exceed 6 lbs/2.72 kg.

3.4.5 Due to the mounting of the targets on the ATS the overall thickness including any reinforcements shall not exceed 2 in/ 5 cm or there is the possibility the two targets will collide with each other or the lifter frame (Fig 3).



Figure 3- Original OEM targets mounted on ATS lifter

3.5 DND Evaluation of Substitutes

3.5.1 If a bidder is offering a fit, form and functions substitute for the target associated with the NATO Stock Number, DND will have to evaluate the product. To accomplish this bidder must supply the TA with three (3) samples of their final production version for testing to destruction. Level 2 drawings shall also be submitted with the bid for both the Fig 11 and Fig 12 target.

4.0 Testing and Evaluation of Samples

4.0.1 Formal testing of the proposed substitutes will be conducted by the TA for items 1 to 4 inclusive. If the sample fails to obtain a pass for all items 1 to 4 all testing will stop. Items 5 and 6 will be conducted on the range in Farnham.

4.0.2 The table below list the testing criteria:

Item	Trial/Evaluation	Criteria	Pass/Fail	Comments
1	Artwork	Does the artwork reflect to the eye the actual figure 11 and 12 respectively?		
2	Dimensions of Artwork	Are the dimensions of the proposed target artwork in accordance with the specified requirements?		
3	Mounting Area	Does the mounting area include 3 slots as specified?		
		Is the center slot truly in the center of the target area?		
		Are the remaining two locating slots correctly placed?		
4	Substratum Specifications	Is the substratum laminated black and white at the specified thickness?		
		Does the Fig 11 target have a stiffening mechanism to prevent folding in the wind?		
		Is the weight of the proposed targets within the specified guide lines.		
5	Mounting of Target	Does the target mount securely onto the ATS lifting mechanism?		
6	Testing of Substratum	Can the target withstand 4000 rounds of 5.56 ammunition without any major degradation of the target?		

5.0 Deliverables

5.0.1 The following are mandatory requirements for deliverables before any evaluation will be considered:

- Three (3) production models of proposed targets delivered within 10 business days after date of closing on MERX; and
- Level 2 drawing. (see Definition below)

DEFINITION:

Level 2 or Developmental level Drawings – A developmental prototype/limited production drawing shall consist of those drawing elements necessary to provide sufficient data to support the analysis of a specific design approach, the fabrication of prototype materiel for test or experimentation, and limited production by the original design organization or with assistance from the original design organization.

ANNEX "C"

Additional Information

1. Design Change and Deviation

Following contract award, any changes in the scope of the work as specified in the purchase order and the contractor's proposal or altering the Acceptance Criteria established therein, shall be subject to the design change procedure as outlined in D-02-006-008/SG-001 National Defence Standard the Design Change, Deviation And Waiver Procedure. Design Change Requests shall include the proposed changes to the approved proposal and shall delineate the provisions for alteration to any other documentation prepared under the contract.

2. Access to Contractor Facilities

The Contractor shall provide access to representatives of the DND to view the Contractor's work in progress, quality assurance measures and in plant evaluation tests at any time upon request. Although no office space or test apparatus are required from the Contractor for such visits, data such as fabrication drawings, parts lists, software documentation and evaluation results shall be made available for review and discussions with DND representatives.

3. Non-Developmental Item

It is not the intention of DND to fund major developmental efforts in support of this requirement but to purchase Commercially Off the Shelf (COTS) items

4. Document Approval Process

The procedure for approval of Contractor submitted documents is as follows:

- a. Contractor submits drawings with samples for substitute items; and
- b. TA provides formal written comments to the Contractor within 60 working days of receipt of drawings and samples after completing an evaluation.

5. Bidders Testing of Fit

Bidders may arrange through the TA a site visit to ensure their proposed targets will properly mount onto the lifting arm of the ATS. The site visit may be to any of the three locations of the ATS. The TA will require as a minimal five (5) working days notice to make arrangements to set up the testing so it does not interfere with any on going training at the range.

6. Shipping Costs

FOB will be at the Canadian Forces Supply Depot located in Montreal. All shipping, customs and taxes arrangements and costs are the direct responsibility of the contractor and should be figured into the cost per unit.

7. Duration of Contract

DND reserves the right to future purchases of various quantities on an as required basis for the next 1 year plus 3 one year options after contract award.