

**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 VULCANIZED RUBBER SHEETING	
Solicitation No. - N° de l'invitation W6399-13ED13/B	Date 2013-09-06
Client Reference No. - N° de référence du client W6399-13ED13	
GETS Reference No. - N° de référence de SEAG PW-\$\$HP-913-63446	
File No. - N° de dossier hp913.W6399-13ED13	CCC No./N° CCC - FMS No./N° VME
Solicitation Closes - L'invitation prend fin at - à 02:00 PM on - le 2013-10-04	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: Seguin, Jean-Luc R.	Buyer Id - Id de l'acheteur hp913
Telephone No. - N° de téléphone (819) 956-3528 ()	FAX No. - N° de FAX (819) 953-2953
Destination - of Goods, Services, and Construction: Destination - des biens, services et construction: Specified Herein Précisé dans les présentes	

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

Vehicles & Industrial Products Division
11 Laurier St./11, rue Laurier
7A2, Place du Portage, Phase III
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	



Destination Code - Code destinataire	Destination Address - Adresse de la destination	Invoice Code - Code bur.-comptable	Invoice Address - Adresse de facturation
D - 1	DEPARTMENT OF NATIONAL DEFENCE UNIT Z-106 46 CENTURION RD PETAWAWA ON K8H 2X3	W6399	DEPARTMENT OF NATIONAL DEFENCE 101 COLONEL BY DR. ATT: D. KLASSEN-HAYES DLP 6-1-2-1 OTTAWA Ontario K1A0K2 Canada



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
1	Vulcanized Natural Rubber sheeting (Side) In accordance with specifications outlined in Annex A - Statement of Work, Annex B - Technical Evaluation Sheet and drawings in Appendix A - TM04	D - 1	W6399	60	Each	\$ XXXXXXXXXXXX	See Herein	
2	Vulcanized Natural Rubber sheeting (Front) In accordance with specifications outlined in Annex A - Statement of Work, Annex B - Technical Evaluation Sheet and drawings in Appendix B - TM05	D - 1	W6399	30	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
3	Vulcanized Natural Rubber sheeting (Top) In accordance with specifications outlined in Annex A - Statement of Work, Annex B - Technical Evaluation Sheet and drawings in Appendix C - TM06	D - 1	W6399	30	Each	\$XXXXXXXXXXXX	See Herein	

TABLE OF CONTENTS

PART 1 - GENERAL INFORMATION

1. Security Requirement
2. Requirement
3. Debriefings

PART 2 - BIDDER INSTRUCTIONS

1. Standard Instructions, Clauses and Conditions
2. Submission of Bids
3. Enquiries - Bid Solicitation
4. Applicable Laws
5. Environmental Considerations

PART 3 - BID PREPARATION INSTRUCTIONS

1. Bid Preparation Instructions
2. Technical Bid
3. Financial Bid
4. Certifications and Additional Information

PART 4 - EVALUATION PROCEDURES AND BASIS OF SELECTION

1. Evaluation Procedures
2. Technical Evaluation
3. Financial Evaluation
4. Basis of Selection

PART 5 - CERTIFICATIONS

1. Mandatory Certifications Required Precedent to Contract Award

PART 6 - RESULTING CONTRACT CLAUSES

1. Security Requirement
2. Requirement
3. Standard Clauses and Conditions
4. Term of Contract
5. Authorities
6. Payment
7. Invoicing Instructions
8. Certifications
9. Applicable Laws
10. Priority of Documents
11. SACC Manual Clauses
12. Preparation for Delivery
13. Additional Package Markings - Identical
14. Condition of Material - DND
15. Shipping Instructions - DDP Destination
16. Shelf Life

List of Annexes

Annex "A" - Statement of Work Vulcanized Natural Rubber

Annex "B" - Technical Evaluation Sheet

Drawings at Appendix A - TM04, Appendix B - TM05 and Appendix C - TM06

This bid solicitation cancels and supersedes previous bid solicitation number W6399-13ED13/A dated 17 December, 2012 with a closing of 02 April, 2013 at 2:00pm DST.

PART 1 - GENERAL INFORMATION

1. Security Requirement

There is no security requirement associated with this bid solicitation.

2. Requirement

The Contractor must provide the items detailed under the "Line Item Detail".

3. Debriefings

Bidders may request a debriefing on the results of the bid solicitation. Bidders should make the request to the Contracting Authority within 15 working days of receipt of notification that their bid was unsuccessful. The debriefing may be provided 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 (<http://ccua-sacc.tpsgc-pwgsc.gc.ca/pub/acho-eng.jsp>) 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 (2013-06-01)** Standard Instructions - Goods or Services - Competitive Requirements, are incorporated by reference into and form part of the bid solicitation.

Subsection 5.4 of 2003, Standard Instructions - Goods or Services - Competitive Requirements, is amended as follows:

Delete: sixty (60) days
Insert: ninety (90) days

1.1 SACC Manual Clauses

B1000T	Condition of Material	2007-11-30
--------	-----------------------	------------

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.

3. Enquiries - Bid Solicitation

All enquiries must be submitted in writing to the Contracting Authority no later than seven (7) 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.

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.

5. Environmental Considerations

Canada is committed to greening its supply chain. In April 2006, Canada issued a policy directing federal departments and agencies to take the necessary steps to acquire products and services that have a lower impact on the environment than those traditionally acquired. Environmental performance considerations include, among other things: the reduction of greenhouse gas emissions and air contaminants; improved energy and water efficiency; reduced waste and support reuse and recycling; the use of renewable resources; reduced hazardous waste; and reduced toxic

and hazardous substances. In accordance with the Policy on Green Procurement, for this solicitation:

- Offerors / suppliers are requested to provide all correspondence including (but not limited to) documents, reports and invoices in electronic format unless otherwise specified by the Contracting Authority or Project Authority, thereby reducing printed material.
- Offerors / suppliers should recycle (shred) unneeded copies of non-classified/secure documents (taking into consideration the Security Requirements).
- Product components used in performing the services should be recyclable and/or reusable, whenever possible.

PART 3 - BID PREPARATION INSTRUCTIONS

1. Bid Preparation Instructions

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 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.

2. 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.

2.1 Equivalent Products

In order to be considered for the evaluation of an equivalent product, Bidders must provide all required technical information.

2.1.1 Products that are equivalent in form, fit, function and quality to the item(s) specified in the bid solicitation will be considered where the Bidder:

- (a) designates the brand name, model and/or part number of the substitute product;
- (b) states that the substitute product is fully interchangeable with the item specified;
- (c) provides complete specifications and descriptive literature for each substitute product;
- (d) provides compliance statements that include technical specifics showing the substitute product meets all mandatory performance criteria that are specified in the bid solicitation; and
- (e) clearly identifies those areas in the specifications and descriptive literature that support the substitute product's compliance with any mandatory performance criteria.

2.1.2 Products offered as equivalent in form, fit, function and quality will not be considered if:

- (a) the bid fails to provide all the information requested to allow the Contracting Authority to fully evaluate the equivalency of each substitute product; or
- (b) the substitute product fails to meet or exceed the mandatory performance criteria specified in the bid solicitation for that item.

2.1.3 Offerors/suppliers are encouraged to offer or suggest green solutions whenever Possible.

2.1.4 In conducting its evaluation of the bids, Canada may, but will have no obligation to, request bidders offering a substitute product to demonstrate, at the sole cost of bidders, that the substitute product is equivalent to the item specified in the bid solicitation.

3. Financial Bid

Bidders must submit their financial bid in accordance with the Basis of Payment. The total amount of applicable Taxes must be shown separately, if applicable.

The Bidder must submit firm unit prices in "Line Item Detail" only. No prices must be indicated in any other section of the bid.

3.2 SACC Manual Clauses

C3011T	Exchange Rate Fluctuation	2010-01-11
--------	---------------------------	------------

4. Certifications and Additional Information

4.1 Certifications :

Bidders must submit the certifications required under Part 5.

4.2 Additional Information

Canada requests that bidders submit the following information:

4.2.1 Delivery Date

Delivery is highly desirable for 29 November 2013.

The bidder is to state the delivery offered:

Item 001: _____ **Weeks/Calendar days** from the effective date of the contract.

Item 002: _____ **Weeks/Calendar days** from the effective date of the contract.

Item 003: _____ **Weeks/Calendar days** from the effective date of the contract.

PART 4 - EVALUATION PROCEDURES AND BASIS OF SELECTION

1. Evaluation Procedures

- 1.1 Bids will be assessed in accordance with the entire requirement of the bid solicitation including the technical and financial evaluation criteria.
- 1.2 An evaluation team composed of representatives of Canada will evaluate the bids.
- 1.3 Proposals not meeting all of the requirements identified as “mandatory” will be considered non responsive and no further consideration will be given to the bid.

2. Technical Evaluation

- 2.1 The purpose of the technical evaluation is to determine if the goods and/or services offered meet all mandatory technical requirements outlined in the documents enumerated hereafter and as required in Section I - Technical Bid of Part 3 -BID PREPARATION INSTRUCTIONS:
 - 1) Annex B - Technical Evaluation - Vulcanized Natural Rubber Sheeting
 - 2) Drawings at Appendix A - TM04, Appendix B - TM05 and Appendix C - TM06
 - 3) Annex “A”- Statement of Work - Vulcanized Natural Rubber Sheeting

3. Financial Evaluation

- 3.1 All firm unit prices will be evaluated in Canadian dollars, Delivery Duty Paid (DDP) at destination, Incoterms 2000, including Canadian Custom Duties and Excise taxes where applicable, and applicable Taxes are extra.

4. Basis of Selection

- 4.1 A bid must comply with all requirements of the bid solicitation to be declared responsive. The responsive bid with the lowest evaluated price on an aggregate basis will be recommended for award of a contract.

PART 5 - CERTIFICATIONS

Bidders must provide the required certifications and documentation to be awarded a contract.

The certifications provided by bidders to Canada are subject to verification by Canada at all times. Canada will declare a bid non-responsive, or will declare a contractor in default, if any certification made by the Bidder is found to be untrue whether during the bid evaluation period or during the contract period.

The Contracting Authority will have the right to ask for additional information to verify the Bidder's certifications. Failure to comply with this request will also render the bid non-responsive or will constitute a default under the Contract.

1. Mandatory Certifications Required Precedent to Contract Award

1.1 Code of Conduct and Certifications - Related documentation

By submitting a bid, the Bidder certifies that the Bidder and its affiliates are in compliance with the provisions as stated in Section 01 Code of Conduct and Certifications - Bid of Standard Instructions 2003. The related documentation therein required will assist Canada in confirming that the certifications are true.

1.2 Federal Contractors Program for Employment Equity - Bid Certification

By submitting a bid, the Bidder certifies that the Bidder, and any of the Bidder's members if the Bidder is a Joint Venture, is not named on the Federal Contractors Program (FCP) for employment equity "[FCP Limited Eligibility to Bid](http://www.labour.gc.ca/eng/standards_equality/eq/emp/fcp/list/inelig.shtml)" list (http://www.labour.gc.ca/eng/standards_equality/eq/emp/fcp/list/inelig.shtml) available from [Human Resources and Skills Development Canada \(HRSDC\)](http://www.hrsdc.gc.ca) - Labour's website.

Canada will have the right to declare a bid non-responsive if the Bidder, or any member of the Bidder if the Bidder is a Joint Venture, appears on the "[FCP Limited Eligibility to Bid](http://www.labour.gc.ca/eng/standards_equality/eq/emp/fcp/list/inelig.shtml)" list at the time of contract award.

PART 6 - RESULTING CONTRACT CLAUSES

1. Security Requirement

There is no security requirement applicable with this contract.

2. Requirement

The Contractor must provide the items detailed under the "Line Item Detail".

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 (<http://ccua-sacc.tpsgc-pwgsc.gc.ca/pub/acho-eng.jsp>) issued by Public Works and Government Services Canada.

3.1 General Conditions

2010A (2013-04-25) General Conditions - Goods (Medium Complexity), apply to and form part of the Contract.

4. Term of Contract

4.1 Delivery Date

The Contractor must make the delivery as follows:

Item 001: must be delivered on or before_____ (Date to be inserted by the Contracting Authority at time of contract award.)

Item 002: must be delivered on or before_____ (Date to be inserted by the Contracting Authority at time of contract award.)

Item 003: must be delivered on or before_____ (Date to be inserted by the Contracting Authority at time of contract award.)

5. Authorities

5.1 Contracting Authority

The Contracting Authority for the Contract is:

Name: Jean-Luc Seguin

Title: Supply Specialist

Public Works and Government Services Canada - Acquisitions Branch
 LEFT Directorate, HP Division,
 7A2, Place du Portage, Phase 3, 11 Laurier Street, Gatineau Quebec. K1A 0S5
 Telephone: 819 956-3528
 Facsimile: 819 953-2953
 E-mail address: jean-luc.seguin@pwgsc-tpsgc.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 Procurement Authority

The Procurement Authority for the Contract is:

Name: _____ (To be inserted by PWGSC at time of contract award.)
 Title: _____
 Organization: _____
 Address: _____

 Telephone: ____ - ____ - ____
 Facsimile: ____ - ____ - ____
 E-mail: _____

The Procurement Authority is the representative of the department or agency for whom the Work is being carried out under the Contract. The Procurement Authority is responsible for the implementation of tools and processes required for the administration of the Contract. The Contractor may discuss administrative matters identified in the Contract with the Procurement Authority however the Procurement Authority has no authority to authorize changes to the scope of the Work. Changes to the scope of Work can only be made through a contract amendment issued by the Contracting Authority.

5.3 Technical Authority

The Technical Authority for the Contract is:

Name: _____ (To be inserted by PWGSC at time of contract award.)
 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.

5.4 Contractor's Representative

Name and telephone number of the person responsible for :

General enquiries

Name: _____ (To be completed by the bidder.)
 Title: _____
 Telephone: _____
 Facsimile: _____
 E-mail: _____

Delivery follow-up

Name: _____ (To be completed by the bidder.)
 Title: _____
 Telephone: _____
 Facsimile: _____
 E-mail: _____

6. Payment

6.1 Basis of Payment -Firm Unit Price

6.1.1 In consideration of the Contractor satisfactorily completing all of its obligations under the Contract, the Contractor will be paid a firm unit price(s), as specified in "Line Item Detail".

6.1.2 All firm unit prices in Canadian dollars must be Delivery Duty Paid (DDP) at destination, Incoterms 2000, including Canadian Custom Duties and Excise taxes where applicable, and applicable Taxes are extra.

- 6.1.3 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

C2000C	Taxes - Foreign-based Contractor	2007-11-30
H1000C	Single Payment	2008-05-12

7. Invoicing Instructions

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. Suppliers are requested to provide invoices in electronic format unless otherwise specified by the Contracting Authority or Project Authority, thereby reducing printed material.

- 7.1. Invoices must be distributed as follows:

- (a) The original must be forwarded to the following address for certification and payment:

Department of National Defence
National Defence Headquarters
CANSOFCOM COS FD

101 Colonel By Drive
Ottawa, Ontario K1A 0K2
Attention: **to be inserted by PWGSC**

- (b) One (1) copy must be forwarded to the Contracting Authority identified under the section entitled "Authorities" of the Contract for certification and payment.

Note 1: Invoices of Delivered Duty Paid, Incoterms 2000 contract will not be submitted prior to shipment of materiel.

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

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 (2013-04-25) General Conditions - Goods (Medium Complexity);
- (c) Annex "A" - Statement of Work - Vulcanized Natural Rubber Sheeting;
- (d) Annex "B" - Technical Evaluation - Vulcanized Natural Rubber Sheeting;
- (e) Drawings at Appendix A - TM04, Appendix B - TM05 and Appendix C TM05;
- (f) the Contractor's bid dated _____

11. SACC Manual Clauses

A9006C	Defence Contract	2012-07-16
B1202C	Age Control (Elastomeric Material)	2007-05-25
B4042C	Identification Markings	2008-05-12
C2800C	Priority Rating	2013-01-28
C2801C	Priority Rating - Canadian-based Contractors	2011-05-16
D2000C	Marking	2007-11-30
D2001C	Labelling	2007-11-30
D2025C	Wood Packaging Materials	2008-12-12
D3010C	Dangerous Goods/Hazardous Products	2012-07-16
D5545C	ISO 9001:2008 - Quality Management Systems - Requirements (QAC C)	2010-08-16
D6010C	Palletization	2007-11-30

Solicitation No. - N° de l'invitation

W6399-13ED13/B

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

W6399-13ED13

Amd. No. - N° de la modif.

File No. - N° du dossier

hp913W6399-13ED13

Buyer ID - Id de l'acheteur

hp913

CCC No./N° CCC - FMS No/ N° VME

D9002C	Incomplete Assemblies	2007-11-30
G1005C	Insurance	2008-05-12

12. Preparation for Delivery

The Contractor must prepare all items for delivery in accordance with the latest issue of the Canadian Forces Packaging Specification D-LM-008-036/SF-000, DND Minimum Requirements for Manufacturer's Standard Pack.

The Contractor must package all items in quantities of one (1) per package.

13. Condition of Material - DND

The Contractor must provide material that is new production of current manufacture supplied by the principal manufacturer or its accredited agent. The material must conform to the latest issue of the applicable drawing, specification and part number, as applicable, that was in effect on the bid closing date.

14. Shipping Instructions - DDP Destination

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

Incoterms 2000 "DDP Delivered Duty Paid" at

Department of National Defence
Unit Z-106
46 Centurion Road
Petawawa, ON
K8H 2X3

17. Shelf Life

The Contractor must ensure that all items will contain 75 percent of the authorized shelf life as listed in D-05-001-001/SF-000 at date of delivery to the Department of National Defence.

ANNEX A
STATEMENT OF WORK
VULCANIZED NATURAL RUBBER SHEETING

1.0 SCOPE

1.1 Purpose

The purpose of the Statement of Work (SOW) is to describe the requirements for the provision of Vulcanized Natural Rubber Sheeting to the Department of National Defence.

The Vulcanized Natural Rubber Sheeting is used to cover DND built ballistic steel boxes, which provide ballistic protection to the moving parts and electronics of the target boxes. The purpose of the rubber covering on the outside of the box is to trap bullet fragments and prevent them from ricocheting back towards the shooters.

2.0 GENERAL

2.1 Applicable Documents

The following documents form part of this specification to the extent specified herein, and are supportive of the specification when referenced; all other document references are to be considered supplemental information only. Unless otherwise specified, the issue or amendment of documents effective for this contract must be those in effect on the date of contract award. In the event of a conflict between the documents referenced herein and the contents of the specification, then the contents of the specification must take precedence.

<http://www.astm.org/>

<http://www.iso.org/iso/home/standards.htm>

3.0 REQUIREMENT

3.1 Physical Properties

The Vulcanized Natural Rubber Sheeting must meet the following physical properties:

- (a) Thickness: 2 inches plus or minus 0.125 inches;
- (b) Hardness (Shore A): Minimum 60 up to a maximum 70, **IAW ASTM D2240-05; or ISO 7619;**
- (c) Resilience (%): Minimum of 40, **IAW ASTM D2632-01; and D1054; or ISO 4662;**
- (d) Tensile Strength (mpa): Minimum of 20, **IAW ASTM D412-06a or ISO 37;**
- (e) Elongation at Break (%): Minimum of 500 **IAW ASTM D412-06a; or ISO 37;**
and
- (f) Colour: Black.

4.0 DELIVERABLES

4.1 The Contractor must deliver the following:

(a) Vulcanized Natural Rubber Sheeting – Quantity 120 in the sizes as follows:

- i. Appendix A – TM04 – Qty 60;
- ii. Appendix B – TM05 – Qty 30; and
- iii. Appendix C – TM06 – Qty 30.

ANNEX B
TECHNICAL EVALUATION
VULCANIZED NATURAL RUBBER SHEETING

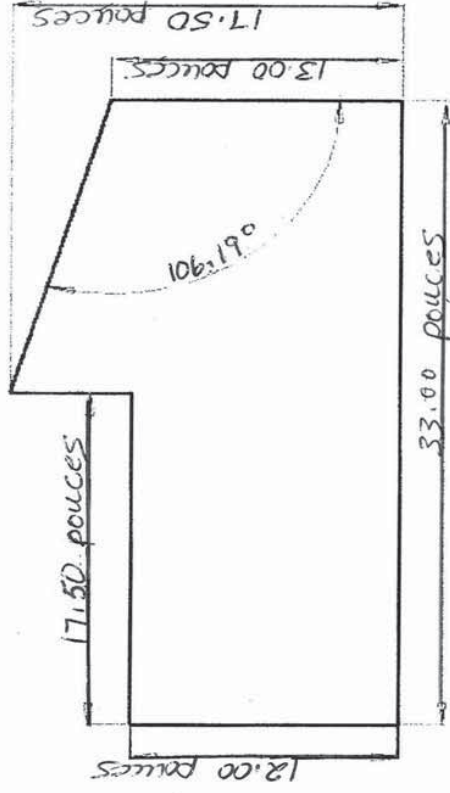
Item #	Ref. (Annex A)	Requirement	Proof of Compliance	Compliant (Y/N)
1	2.1(a)	Thickness: 2 inches plus or minus 0.125 inches.	<p>The Bidder must provide:</p> <p>(1) A technical data sheet that confirms that the Vulcanized Natural Rubber Sheeting is 2 inches thick, plus or minus 0.125 inches.</p>	
2	2.1(b)	Hardness (Shore A): Minimum 60 up to a maximum 70, IAW ASTM D2240-05 or ISO 7619.	<p>The Bidder must provide:</p> <p>(1) A technical data sheet that confirms that the Vulcanized Natural Rubber Sheeting has a hardness that is a minimum of 60 up to a maximum of 70, IAW ASTM D2240-05 or ISO 7619.</p>	
3	2.1(c)	Resilience (%): Minimum of 40, IAW ASTM D2632-01; AND ASTM 1054 OR ISO 4662.	<p>The Bidder must provide:</p> <p>(1) A technical data sheet that confirms that the Vulcanized Natural Rubber Sheeting has a resilience that is a minimum of 40, IAW ASTM D2632-01; AND ASTM 1054 OR ISO 4662.</p>	

4	2.1(d)	Tensile Strength (mpa): Minimum of 20, IAW ASTM D412-06a OR ISO 37.	<p>The Bidder must provide:</p> <p>(1) A technical data sheet that confirms that the Vulcanized Natural Rubber Sheeting has a minimum tensile strength of 20, IAW ASTM D412-06a OR ISO 37.</p>	
5	2.1(e)	Elongation at Break (%): Minimum of 500, IAW ASTM D412-06a OR ISO 37.	<p>The Bidder must provide:</p> <p>(1) A technical data sheet that confirms that the Vulcanized Natural Rubber Sheeting has an elongation at break of a minimum of 500, IAW ASTM D412-06a OR ISO 37.</p>	
6	2.1(f)	Colour: Black	<p>The Bidder must provide:</p> <p>(1) A technical data sheet that confirms that the Vulcanized Natural Rubber Sheeting is black in colour.</p>	

Appendix A - TMCH

ITEM	QTY	REFERENCE DESCRIPTION
1	1	COTE 2" CAUTCHOU

APPENDICE A - TMCH



TITLE:

CAUTCHOU COTE

SIZE DWG. NO.

A TM-04

échelle: 1:10

Appendice B-TM05

ITEM	QTE	REFERENCE	DESCRIPTION
1	1	DEVANT	2" CAOUTCHOUC

APPENDICE B-TM05

36.00 pouces

15.00 pouces

TITLE

CAOUTCHOUC DEVANT

SHEET DWG. NO.

A TM-05

Echelle: 1/10

1

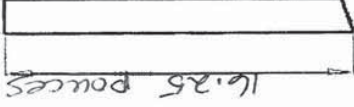
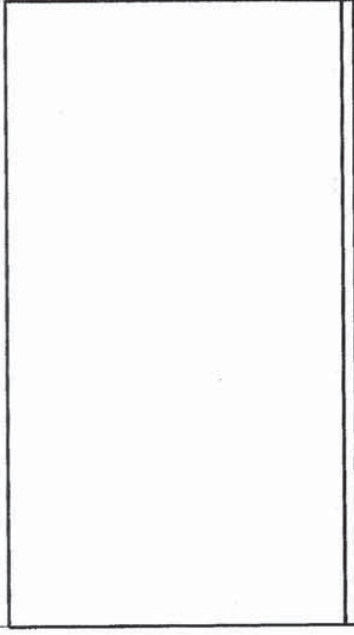
Appendix C-1700

ITEM	QTY	REF	DESCRIPTION
1	1	DESSUS	2 CAOUTCHOUC

APPENDICE C-TMOG

36.00 pouces

2.00 pouces



TITLE

CAOUTCHOUC DESSUS

SIZE DWG NO.

A TM-06

échelle: 1:10

