

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 112945 - CARTRIDGE 9 X 19MM 147 GR.	
Solicitation No. - N° de l'invitation M0077-13G305/A	Date 2013-11-07
Client Reference No. - N° de référence du client M0077-13G305	
GETS Reference No. - N° de référence de SEAG PW-\$\$BK-371-24109	
File No. - N° de dossier 371bk.M0077-13G305	CCC No./N° CCC - FMS No./N° VME
Solicitation Closes - L'invitation prend fin at - à 02:00 PM on - le 2013-11-29	Time Zone Fuseau horaire Eastern Standard Time EST
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: Derby, Sandra	Buyer Id - Id de l'acheteur 371bk
Telephone No. - N° de téléphone (819) 956-0257 ()	FAX No. - N° de FAX (819) 956-5650
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

Munitions Division (BK) / Division des munitions (BK)
11 Laurier St./11, rue Laurier
8C2, 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	M0634 See Annex D	I - 1	M0634 See Annex D
D - 2	M1084 See Annex D	I - 2	M1084 See Annex D
D - 3	M1570 See Annex D	I - 3	M1570 See Annex D
D - 4	M2000 See Annex D	I - 4	M2000 See Annex D
D - 5	M2607 See Annex D	I - 5	M2607 See Annex D
D - 6	M3327 See Annex D	I - 6	M3327 See Annex D
D - 7	M4000 See Annex D	I - 7	M4000 See Annex D
D - 8	M4500 See Annex D	I - 8	M4500 See Annex D
D - 9	M5287 See Annex D	I - 9	M5287 See Annex D
D - 10	M6579 See Annex D	I - 10	M6579 See Annex D
D - 11	M8026 See Annex D	I - 11	M8026 See Annex D
D - 11	M8026 See Annex D	I - 12	M8026 See Annex D
D - 12	M8525 See Annex D	I - 13	M8525 See Annex D
D - 13	M8529 See Annex D	I - 14	M8529 See Annex D
D - 14	M0634 See Annex D	I - 15	M0634 See Annex D



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	112945 - CARTRIDGE 9 X 19MM 147 GR . FMJ	D - 11	I - 12	85000	RD	\$	XXXXXXXXXXXX	See Herein	
2	111514 - CARTRIDGE 9 X 19MM 147 GR . FMJ LEADFREE	D - 1	I - 1	200000	RD	\$	XXXXXXXXXXXX	See Herein	
3	111514 - CARTRIDGE 9 X 19MM 147 GR . FMJ LEADFREE	D - 2	I - 2	105000	RD	\$	XXXXXXXXXXXX	See Herein	
4	111514 - CARTRIDGE 9 X 19MM 147 GR . FMJ LEADFREE	D - 3	I - 3	450000	RD	\$	XXXXXXXXXXXX	See Herein	
5	111514 - CARTRIDGE 9 X 19MM 147 GR . FMJ LEADFREE	D - 4	I - 4	300000	RD	\$	XXXXXXXXXXXX	See Herein	
6	111514 - CARTRIDGE 9 X 19MM 147 GR . FMJ LEADFREE	D - 12	I - 13	2400000	RD	\$	XXXXXXXXXXXX	See Herein	
7	111514 - CARTRIDGE 9 X 19MM 147 GR . FMJ LEADFREE	D - 5	I - 5	1000000	RD	\$	XXXXXXXXXXXX	See Herein	
8	111514 - CARTRIDGE 9 X 19MM 147 GR . FMJ LEADFREE	D - 9	I - 9	850000	RD	\$	XXXXXXXXXXXX	See Herein	
9	111514 - CARTRIDGE 9 X 19MM 147 GR . FMJ LEADFREE	D - 8	I - 8	25000	RD	\$	XXXXXXXXXXXX	See Herein	
10	110405 - CARTRIDGE 9 X 19MM 147 GR . JHP	D - 14	I - 15	40000	RD	\$	XXXXXXXXXXXX	See Herein	
11	110405 - CARTRIDGE 9 X 19MM 147 GR . JHP	D - 2	I - 2	42500	RD	\$	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		Plant/Usine	Delivery Req. Livraison Req.	Del. Offered Liv. offerte
12	110405 - CARTRIDGE 9 X 19MM 147 GR . JHP	D - 3	I - 3	250000	RD	\$		XXXXXXXXXXXX	See Herein	
13	110405 - CARTRIDGE 9 X 19MM 147 GR . JHP	D - 4	I - 4	150000	RD	\$		XXXXXXXXXXXX	See Herein	
14	110405 - CARTRIDGE 9 X 19MM 147 GR . JHP	D - 5	I - 5	300000	RD	\$		XXXXXXXXXXXX	See Herein	
15	110405 - CARTRIDGE 9 X 19MM 147 GR . JHP	D - 6	I - 6	100000	RD	\$		XXXXXXXXXXXX	See Herein	
16	110405 - CARTRIDGE 9 X 19MM 147 GR . JHP	D - 9	I - 9	800000	RD	\$		XXXXXXXXXXXX	See Herein	
17	110405 - CARTRIDGE 9 X 19MM 147 GR . JHP	D - 7	I - 7	50000	RD	\$		XXXXXXXXXXXX	See Herein	
18	110405 - CARTRIDGE 9 X 19MM 147 GR . JHP	D - 8	I - 8	50000	RD	\$		XXXXXXXXXXXX	See Herein	
19	110405 - CARTRIDGE 9 X 19MM 147 GR . JHP	D - 11	I - 11	85000	RD	\$		XXXXXXXXXXXX	See Herein	
20	110405 - CARTRIDGE 9 X 19MM 147 GR . JHP	D - 10	I - 10	60000	RD	\$		XXXXXXXXXXXX	See Herein	
21	110401 - CARTRIDGE .308 WIN.150 GR .PSP	D - 13	I - 14	5000	RD	\$		XXXXXXXXXXXX	See Herein	
22	110401 - CARTRIDGE .308 WIN.150 GR .PSP	D - 4	I - 4	6000	RD	\$		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
23	110401 - CARTRIDGE .308 WIN.150 GR .PSP	D - 5	I - 5	50000	RD	\$	XXXXXXXXXXXXXX	See Herein	
24	110401 - CARTRIDGE .308 WIN.150 GR .PSP	D - 9	I - 9	60000	RD	\$	XXXXXXXXXXXXXX	See Herein	
25	110401 - CARTRIDGE .308 WIN.150 GR .PSP	D - 11	I - 11	1500	RD	\$	XXXXXXXXXXXXXX	See Herein	
27	111514 - CARTRIDGE 9 X 19MM 147 GR . FMJ LEADFREE	D - 14	I - 15	40000	RD	\$	XXXXXXXXXXXXXX	See Herein	
28	110405-CARTRIDGE 9 X 19MM 147 GR. JHP	D - 14	I - 15	40000	RD	\$	XXXXXXXXXXXXXX	See Herein	

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Solicitation No. - N° de l'invitation

M0077-13G305/A

Amd. No. - N° de la modif.

Buyer ID - Id de l'acheteur

371bk

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

File No. - N° du dossier

CCC No./N° CCC - FMS No/ N° VME

M0077-13G305

371bkM0077-13G305

Annex A	Shipping/Quality Assurance Testing/Test results/Packaging/Marking
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PART 1 - GENERAL INFORMATION

1. Security Requirement

There is no security requirement associated with this bid solicitation.

2. Requirement

The Bidder must provide the items detailed under the Line Item Detail Page(s) in accordance with Annex B – RCMP Ammunition General Quality Assurance Standards.

3. Debriefings

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.

4. National Security Exception

The national security exceptions provided for in the trade agreements have been invoked; therefore, this procurement is excluded from all of the obligations of all the trade agreements.

5. Approval Documents and Export Licenses

The Contractor must apply for all necessary Governmental and other approval documents, including but not limited to Export Licenses, to deliver the goods to the consignee(s) within seven (7) days after receipt of the contract and, if applicable, receipt of Canadian End-User Certificate, Canadian International Import Certificate and/or Annual Explosive Importation Permit. The Contractor must provide a copy of the application(s) above to the Contracting Authority within seven (7) days of the date of the application(s). Furthermore, the Contractor must provide the Contracting Authority with a copy of available documentation from all Governmental and other approval document authorities regarding the status of all approval document applications within two (2) weeks of the Contracting Authority's request.

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 (2013-06-01) Standard Instructions - Goods or Services - Competitive Requirements, are incorporated by reference into and form part of the bid solicitation.

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 five (5) 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.

PART 3 - BID PREPARATION INSTRUCTIONS

1. Bid Preparation Instructions

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

Section I: Financial Bid (1 hard copy)
Section II: Certifications (1 hard 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) (<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: 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.

1.1 Exchange Rate Fluctuation

C3011T (2010-01-11) Exchange Rate Fluctuation

Section II: Certifications

Bidders must submit the certifications required under Part 5.

2. Delivery

While delivery is requested by **March 31, 2014**, the best delivery that could be offered is _____.

PART 4 - EVALUATION PROCEDURES AND BASIS OF SELECTION

1. Evaluation Procedures

1.1 Financial Evaluation

SACC Manual Clause A0222T (2013-04-25) Evaluation of Price

2. Basis of Selection

SACC Manual Clause A0069T (2007-05-25) Basis of Selection

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" list (http://www.labour.gc.ca/eng/standards_equality/eq/emp/fcp/list/inelig.shtml) available from Human Resources and Skills Development Canada (HRSDC) - 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" list at the time of contract award.

2. Traceability

The Bidder certifies that it or its supplier are legally entitled to manufacture and or sell the items detailed in Annex C – Ammunition Purchase Descriptions.

Authorized Signature

Date

PART 6 - RESULTING CONTRACT CLAUSES

1. Security Requirement

There is no security requirement applicable to this Contract.

2. Requirement

The Contractor must provide the items detailed under the Line Item Detail Page(s) in accordance with Annex B – RCMP Ammunition General Quality Assurance Standards.

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 (2013-04-25) 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*).

5. Authorities

5.1 Contracting Authority

The Contracting Authority for the Contract is:

Sandra Derby or designate

Public Works and Government Services Canada

Acquisitions Branch

Defence and Major Projects Sector (DMPS)

Place du Portage, Phase III, 8C2

11 Laurier Street

Gatineau, Quebec K1A 0S5

Telephone: 819-956-0257

Facsimile: 819-956-5650

E-mail address: sandra.derby@tpsgc-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 Technical Authority

The Technical Authority for the Contract is: ***to be inserted at Contract award***

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:

Telephone:

Facsimile:

E-mail address:

6. Payment

6.1 Basis of Payment – Firm Price, Firm Unit Price(s) or Firm Lot Price(s)

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 the Contract 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 Multiple Payments

SACC Manual clause H1001C (2008-05-12)

Multiple Payments

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

8. Certifications

8.1 Compliance with the certifications 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 or 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) Annexes;
- (d) the Contractor's bid dated _____ (*insert date of bid*) (*If the bid was clarified or amended, insert at the time of contract award.*); as clarified on _____ "or", as amended on _____ "and insert date(s) of clarification(s) or amendment(s))."

11. SACC Manual Clauses

D3014C	(2007-11-30)	Transportation of Dangerous Goods/Hazardous Products
D3015C	(2007-11-30)	Dangerous Goods/Hazardous Products

12. Shipping Instructions - Delivery at Destination

Goods must be consigned to the destination specified in Line Item Detail(s) and delivered:

Delivered Duty Paid (DDP) Consignees Incoterms 2000 for shipments from a commercial contractor.

13. Packaging

Packaging is to be in accordance with standard commercial packaging to ensure safe arrival of goods at destination.

14. Inspection

Inspection to be carried out by Consignee at Destination.

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.

Revised 2011-01-31

Annex "A"

SHIPPING/QUALITY ASSURANCE TESTING/TESTING RESULTS/PACKAGING

This ammunition is not to be shipped to the destinations. It is to be held at the successful bidder's location and retained at that point until the quality assurance testing by the RCMP if applicable is completed and the contractor advised of its acceptability.

QUALITY ASSURANCE TESTING:

Quality Assurance Test Samples are to be shipped to:

R.C.M.P. TRAINING ACADEMY
BUILDING 98
6101 DEWDNEY AVE. WEST
REGINA, SASKATCHEWAN S4T 1E1

ATTN: RCMP SENIOR ARMOURER

The number of cartridges submitted for Quality Assurance testing will be determined by production lots and/or total amount of ammunition produced. A production lot for the purpose of this contract means the amount of ammunition produced in one day. The Quality Assurance test samples shall be selected randomly from various parts of production lots versus from any one given part of a production lot. Samples from all lots shall be included in the Quality Assurance test sample.

The minimum Quality Assurance test sample size is 400 rounds and this sample shall be selected from not more than 500,000 rounds of ammunition, or not more than five (5) consecutive production lots that have been assembled without major interruption, whichever occurs first. The RCMP reserves the right to obtain a 400 round Quality Assurance test sample from each production lot if deemed necessary.

For specialty type munitions such as breaching, less-lethal, chemical/launching cartridges etc. the minimum sample size is 75 rounds.

In the case of small quantity, emergency or non bulk buy procurements the need for Quality Assurance Test Samples may be omitted under the following conditions:

If the quantity of ammunition ordered is less than 50,000 rounds the manufacturer must provide the RCMP Armourer Section with the following information prior to shipment. All applicable lot numbers, pressure and velocity test data (as performed during the manufacturers internal quality assurance process) and the specific destination/ship to location(s). This specific reference material is required for RCMP quality assurance records.

The Contractor shall provide free of charge all lots of ammunition test samples and subsequent samples in the event the first submission fails to meet RCMP Purchase Description performance requirements. Duty and Taxes are exempt for test samples imported under the provisions of the articles for Temporary Importation Regulations P.C. 1989-1663. Rejection of the first retest will be sufficient cause for termination of the contract.

The above Quality Assurance standards are contingent upon the manufacturer supplying full disclosure of their Quality Assurance procedures and results of final testing done on the lots supplied

TEST RESULTS:

Testing conducted by RCMP will be completed and the supplier advised of its acceptability within 28 working days of receipt of test samples, or as soon as reasonably possible thereafter.

PACKAGING:

To be in accordance with standard commercial packaging so as to ensure safe arrival of all items at destination.

MARKING:

The following must be included on all shipping cartons:

- description
- contract serial number
- DSS file number
- lot number(s)

DELIVERY:

(1) Samples:

Samples shall be delivered to the ORDNANCE QUALITY ASSURANCE SECTION 30 days after receipt of contract. If the first sample is rejected, a second sample shall be delivered 15 days after notification of requirement.

Annex B

GENERAL QUALITY ASSURANCE STANDARDS FOR AMMUNITION TESTING

1. SCOPE

1.1. This document describes the standards against which the Royal Canadian Mounted Police performs quality assurance testing of ammunition.

2. APPLICABLE PUBLICATIONS

2.1. The following publications are applicable to this standard.

2.1.1. Canadian General Standards Board (CGSB). CGSB 105-GP-1 Inspection by Attribute.

2.1.2. Sporting arms and Ammunition Manufacturers Institute (SAAMI) Manual Z299.3.

a) ANSI/SAAMI Z299.3-1993 - Voluntary Industry Performance Standards for Pressure and Velocity of Centerfire Pistol and Revolver Ammunition for the Use of Commercial Manufacturers.

b) ANSI/SAAMI Z299.2-1992 - Voluntary Industry Performance Standards for Pressure and Velocity of Shotgun ammunition for the use of commercial manufacturers.

c) ANSI/SAAMI Z299.1-1992 - Voluntary Industry Performance Standards for Pressure and Velocity of Rimfire ammunition for the use of commercial manufacturers.

d) ANSI/SAAMI Z299.4-1992 - Voluntary Industry Performance Standards for Pressure and Velocity of Centre Fire sporting ammunition for the use of commercial manufacturers.

2.1.3. The applicable purchase description for the calibre of ammunition.

2.2. Reference to the above publications is to be the latest issue unless otherwise specified by the technical authority applying this standard. The source for these publications is shown in the NOTES SECTION.

3. TERMINOLOGY/DEFINITIONS

3.1. INSPECTION

3.1.1. Inspection - Inspection is the process of measuring, examining, testing or otherwise comparing the unit of product with the requirements.

3.1.2. Inspection by Attributes - Inspection by attributes is inspection whereby either the unit of product is classified simply as defective or non-defective, or the number of defects in the unit of product is counted, with respect to a given requirement or set of requirements.

3.1.3. Unit of Product - The unit of product is the thing inspected in order to determine its classification as defective or non-defective, or to count the number of defects. It may be a single article, a volume, a component of an end product, or the end product itself.

3.1.4. Technical Authority

R.C.M.P. Armourer Section
Building 408
1426 St. Joseph Blvd.
ORLEANS, ON K1A 0R2

ATTN: Senior Armourer for RCMP

3.2. CLASSIFICATION OF DEFECTS

3.2.1. Method of Classifying Defects - A classification of defects is the enumeration of possible defects of the unit of product classified according to their seriousness. A defect is any non-conformance of the unit of product with specified requirements. Defects will normally be grouped into one or more of the following classes; defects may, however, be grouped into other classes, or into subclasses within these classes.

3.2.1.1. Critical Functional Defect - A critical functional defect is a defect that judgement and experience indicate is likely to result in hazardous or unsafe conditions for individuals using and depending upon the product; or a defect that judgement and experience indicate is likely to prevent performance and usually any manufacturing defect resulting in a cartridge failure which may cause firearms damage; or any loading or propellant powder defect which may result in the bullet being lodged in the bore of the firearm.

3.2.1.2. Major Functional Defect - A major function defect is a defect, other than critical, that is likely to result in failure, or to reduce materially the usability of the unit of product for its intended purpose; usually misfires, hard extraction or any other defect which would seriously alter functioning or performance.

3.2.1.3. Major Visual and/or Dimensional Defect - A major visual and/or dimensional defect is a defect that is likely to result in failure, or to reduce materially the usability of the unit of product for its intended purpose which would seriously alter functioning or performance.

3.2.1.4. Minor Defect - A minor defect is a defect that is not likely to reduce materially the usability of the unit of product for its intended purpose, or is a departure from established standards having little bearing on the effective use of operation of the unit.

3.3. PERCENT DEFECTIVE

3.3.1. Expression of Non-conformance - The extent of non-conformance of product shall be expressed in terms of percent defective.

3.3.2. Percent Defective - The percent defective of any given quantity of units of product is one hundred times the number of defective units of product contained therein divided by the total number of units or product:

$$\text{Percent defective} = \frac{\text{Number of Defective units}}{\text{Number of units inspected}} \times 100$$

3.4. ACCEPTABLE QUALITY LEVEL (AQL)

3.4.1. Use - The AQL, together with the Sample Size Code Letter, is used for indexing the sampling plans provided herein.

3.4.2. Definition - The AQL is the maximum percent defective that, for purposes of sampling inspection, can be considered satisfactory as a process average.

3.4.3. Limitation - The designation of an AQL shall not imply that the supplier has the right to supply knowingly any defective unit of product.

3.5. SUBMISSION OF PRODUCT

3.5.1. Lot - The term "lot" shall mean "inspection lot", i.e. a collection of units of product from which a sample is to be drawn and inspected to determine conformance with the acceptability criteria, and may differ from a collection of units designated as a lot for other purposes.

3.5.2. Formation of Lots - The product shall be assembled into identifiable lots, or in such other manner as may be prescribed. Each lot, as far as is practicable, consist of units of product of a single type, and composition, manufactured under essentially the same conditions and at essentially the same time.

3.5.3. Production Lot Size - the lot size is the number of units of product in a lot i.e. the quantity of ammunition produced in a one day period.

3.6. ACCEPTANCE AND REJECTION

3.6.1. Acceptability of Lots - Acceptability of a lot will be determined by the use of a sampling plan or plans associated with the designated AQL.

3.6.2. Defective Units - the right is reserved to reject any unit of product found defective during inspection whether that unit of product forms part of a sample or not, and whether the lot as a whole is accepted or rejected.

3.7. SAMPLING PLANS

3.7.1. Sampling Plan - A sampling plan indicates the number of units of product from each lot that are to be inspected and the criteria for determining the acceptability of the lot (acceptance and rejection numbers).

3.7.2. Inspection Level - The inspection level determines the relationship between the lot size and the sample size. The inspection level to be used for any particular requirement will be prescribed by the responsible Technical Authority.

4. GENERAL REQUIREMENTS

4.1. In any one contract for this ammunition, the cartridges supplied shall be of one lot number. If the size of the contract requires more than one lot, then the lots supplied should, as much as possible, be consecutive.

4.2. Presentation of Lots - The formation of the lots, lot size, and the manner in which each lot is to be presented and identified by the supplier shall be designated or approved by the responsible Technical Authority.

4.2.1. Each packing box of cartridges and each shipping case containing the packing boxes shall be marked/labelled by the manufacturer in a form which will permit the users, or his agent to ascertain a particular date of production.

5. DETAIL REQUIREMENTS

5.1. Sampling Plan - The CGSB Standard 105-GP-1 on Inspection by Attributes shall be used to establish sampling plans and procedures for inspection by attributes.

5.1.1. Sample Size Code Letters - Sample size code letter shall be obtained from CGSB 105- GP-1, Table I "Sample size code letter" under General Inspection Level III.

5.1.2. Type of Sampling Plan - The type of sampling plan shall be obtained from CGSB 105- GP-1, Table III-A "Double sampling plan for normal inspection (Master Table)" for the given AQL (Par 4. 6.2).

5.2. Acceptable Quality Level (AQL) - The Acceptable Quality Level for Critical Functional Defect shall be 0.00 and for Major functional, visual or dimensional shall be 0.25 for all types of ammunition to which this standard is applicable.

5.3. Velocity - When tested in accordance with par. 6.1 a ten round velocity average shall be as recorded in the applicable purchase description.

5.4. Pressure - When tested in accordance with par. 6.2 a ten round pressure average and the extreme variation of the high and low individual pressure readings shall be below the maximum levels as shown in the applicable purchase description.

6. TEST METHODS

6.1. Velocity (Par. 5.3.) - Test cartridges shall be fired in a standard SAAMI velocity and pressure test barrel. Test shall be conducted in accordance per the appropriate SAAMI manual for the ammunition being tested . (par. 2.1.2.)

6.2. Pressures (par. 5.4) - Pressure testing will be conducted at the same time as the velocity testing (Par. 6.1) with test procedures being identical. If pressure average or E.V. is above maximum limits, a ten (10) round retesting must be carried out. Pressure test results will not be cumulative and each ten round test will be treated individually. If retest pressure results remain above maximum limits, the lot may be rejected.

7. IDENTIFICATION AND MARKINGS

7.1. Unless otherwise specified (Par. 8.1) identification and markings shall conform to normal commercial practice.

8. NOTES

8.1. Options - The following options must be specified in the application of this standard:
Identification and markings if other than commercial practice (Par. 7.1.)

8.2. Source of Applicable Publications

8.2.1. The publication referred to in Par. 2.1.1. may be obtained from the Canadian Government Publication Centre, Supply and Services Canada, Ottawa, Canada, K1A 0S9, (819) 997-2560.

8.2.2. The publication referred to in Par. 2.1.2. may be obtained from the AMERICAN NATIONAL STANDARDS INSTITUTE INC., 1430 Broadway, New York, New York, USA 10018.

The publication referred to in Par. 2.1.3. may be obtained from the applicable government agency contracting for goods.

Annex D
Consignee Codes, Destination Addresses and Invoice Addresses

CONSIGNEE CODE	DESTINATION ADDRESS	INVOICE ADDRESS
M0634 Items 27&28	Royal Canadian Mounted Police "A" Division Stores/TPOF Stores 1426 St. Joseph Blvd., Rm 1550 Ottawa, ON K1A 0R2 Attn: Camil Daoud - 613-949-7499	Same as Delivery Address
M0634 Items 2 & 10	Royal Canadian Mounted Police "A" Division Stores/TPOF Stores 1426 St. Joseph Blvd., Rm 1550 Ottawa, ON K1A 0R2 Attn: Camil Daoud - 613-949-7499	"HQ" Mandatory Training Mail Stop #37 1200 Vanier Parkway Ottawa, ON K1A 0R2 Attn: Sgt Marcel Labelle
M4000 Items 3 & 11	Royal Canadian Mounted Police "B" Division Stores 100 East White Hills Road St. John's, Newfoundland A1A 3T5 Attn: Rosalee Parsons - 902-426-4290	Royal Canadian Mounted Police Procurement & Material Management 80 Garland Avenue Dartmouth, Nova Scotia B3B 0J8
M1570 Items 4 & 12	GRC-RCMPMagasin Division "C" 4225 Boul Dorchester Ouest. Westmount, QC H3Z 1V5 Attn: Elie El Khouri -	Same as Delivery Address

	514-939-8401 Jean-François Côté - 514-939-8401	
M2000 Items 5, 13 & 22	Royal Canadian Mounted Police "D" & "V" Division Stores Attn. Bulk Buy Administrator 1091 Portage Avenue Winnipeg, Manitoba R3G 0S6 Attn: David Ferguson - 204-983-1210	Same as Delivery Address
M2607 Items 7, 14 & 23	Royal Canadian Mounted Police "E" Division Stores 1151 - 45101 Caen Road Chilliwack, BC V2R 0N3 Attn: Dale Hobday - 604-703-2508	RCMP E Division Stores 1101 - 45337 Calais Crescent Chilliwack, BC V2R 0N6
M3327 Item 15	Royal Canadian Mounted Police "F" Division Stores Services c/o Depot Armourer Section RCMP Training Academy Bldg. 98, 6101 Dewdney Ave.W Regina, Saskatchewan S4P 3J7 Attn: Jeff Carpenter - 306-780-6899	Royal Canadian Mounted Police "F" Division Stores Services RCMP Training Academy 5600-11th Avenue Regina, Saskatchewan S4P 3J7
M4000 Item 17	Royal Canadian Mounted Police H/L Division Headquarters 80 Garland Street Dartmouth, Nova Scotia B3B 0J8 Attn: Ross Hartinger - 902-209-1544 To arrange delivery	Royal Canadian Mounted Police Procurement & Contracting 80 Garland Street Dartmouth, Nova Scotia B3B 0J8
M4000 Item 9 & 18	Royal Canadian Mounted Police "J" Division Stores 1445 Regent Street Fredericton, New Brunswick E3B 4Z8 Attn: Marc-Antoine Demers 506-451-6057	Royal Canadian Mounted Police Procurement & Contracting 80 Garland Street Dartmouth, Nova Scotia B3B 0J8
M5287 Items 8, 16 & 24	RCMP "K" Division Stores Attn: Logistics Officer 11140-109 Street Edmonton, AB T5G 2T4 Attn: Sylvie Hicks - 780-341-3033	Same as Delivery Address
M6579 Item 20	Royal Canadian Mounted Police "O" Division Stores	Royal Canadian Mounted Police P.O. Box 3240, Station 'B'

Solicitation No. - N° de l'invitation

M0077-13G305/A

Amd. No. - N° de la modif.

Buyer ID - Id de l'acheteur

371bk

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

File No. - N° du dossier

CCC No./N° CCC - FMS No/ N° VME

M0077-13G305

371bkM0077-13G305

	345 Harry Walker Parkway S Newmarket, Ontario L3Y 8P6 Attn: Sgt Paul Hayes - 905-697-6000 ext 444 ***MANDATORY: 48 HRS DELIVERY NOTICE	130 Dufferin Avenue London, Ontario N6A 4K3 Attn: Rizaldy Peralta - 519-640-7424
M8026 Items 1, 19 & 25	RCMP "M" Division Attn: Jim Thompson 4100- 4th Ave. Whitehorse, Yukon Y1A 1H5 867-633-8621 C: 867-333-9716	Same as Delivery Address
M8525 Item 6	RCMP Depot Division Stores RCMP Training Academy c/o Depot Armourer Section Bldg. 98, 6101 Dewdney Ave.W Regina, Saskatchewan S4P 3J7 Attn: Jeff Carpenter - 306-780-6899	RCMP Depot Division Stores RCMP Training Academy 5600-11th Avenue - C Block Regina, Saskatchewan S4P 3J7
M8529 Item 21	Royal Canadian Mounted Police RCMP Armourer Section 6101 Dewdney Ave. West Regina, Saskatchewan S4P 3J7 Attn: Glenn Cross - 306-780-3171	Same as Delivery Address



Royal Canadian Mounted Police
Gendarmerie Royale du Canada

Doc. no: PD-AM-12
Date: 2002-10-23

Purchase Description

Ammunition, .308cal, 150gr, Pointed Soft Point

This document has 4 pages
including the drawings.

This document was created in
English.

The document is available in
English and French.

☒ English/Anglais
Francais/French

The photograph on this page is
for reference only.

Modifications

[illegible]

AMMUNITION
PURCHASE DESCRIPTION

Item: .308cal, 150gr Pointed Soft Point Ammunition

In any one R.C.M.P. order of this calibre the ammunition supplied should be of the same lot number. If the amount of the order requires more than one lot then the lots supplied should, as much as possible, be consecutive.

1. **ESSENTIAL QUALITY STANDARDS**

- A) **VELOCITY** - An average of 10 at 15 ft: 2,800 f/s (+/- 90 f/s.) when tested from a standard SAAMI test barrel.
- B) **PRESSURE** - A maximum average of 10: 62,000 P.S.I. using piezoelectric system for pressure measuring.
- C) **DEFECTIVE TOLERANCES**

Ammunition not falling within the noted tolerances may be subject to return to the supplier together with all ammunition from the same lot for replacement or monetary return at the discretion of the R.C.M.P. Ammunition returned under this condition will be at the supplier's cost.

Sampling Plan & Acceptable Quality Levels:

Canadian Government Specifications Board Standard on Inspection by Attributes 105-GP-1 Table I General Inspection Level III Table 3A Double sampling plan for normal inspection.

DEFECT DESCRIPTION	ALLOWABLE QUALITY LEVEL
Critical (Functional)	0.00

Any ammunition manufacturing defect which would result in cartridge failure producing a firearms blow-up. Any loading or propellant powder defect which may result in a bullet lodging in the bore of a firearm.

DEFECT DESCRIPTION	ALLOWABLE QUALITY LEVEL
Major (Functional)	0.040

Misfires, hard extractions or any other defect which would seriously alter functioning or performance.

DEFECT DESCRIPTION	ALLOWABLE QUALITY LEVEL
Major (Visual & Dimensional)	0.040

Any visual or dimensional defect which would seriously alter functioning or performance.

2. **PERFORMANCE STANDARDS:**

(A) Accuracy Specifications:

Five - 5 shot groups must average not more than 2.5 inches at 100 yards when fired from a Winchester Model 70 rifle.

Ammunition not meeting this accuracy specification will be treated as exceeding a defect tolerance.

(B) This ammunition must function in the Winchester Model 70.

3. **IDENTIFICATION STANDARDS** - Commercial

4. **QUALITY ASSURANCE**

(A) The successful tenderer shall supply on request of the Senior Armourer the following:

- (i) Written assurance that the ammunition to be supplied under this agreement meets or exceeds the "Essential Quality Standards", "Performance Standards" and "Identification Standards".
- (ii) A print of the bullet.
- (iii) A print of an assembled primed case.
- (iv) A print of the assembled cartridge.

These prints must contain all pertinent dimensions with maximum and minimum tolerances.

- (v) A copy of the supplier's Quality Control Inspection procedures.

(B) Random sampling based upon a reasonable quantity (as established in Appendix "A")

Prepared by:

Approved by:

A.J. Powaschuk, C/M
A/Senior Armourer

S.T. McLeod, Cpl.
NCO i/c National Armourers Program

**R.C.M.P.
AMMUNITION
PURCHASE DESCRIPTION**

Item - 9mm (9X19) Calibre Pistol Ammunition 147 Full Metal Jacket.

In any one R.C.M.P. order of this calibre the ammunition supplied should be of the same lot number. If the amount of the order requires more than one lot then the lots supplied should, as much as possible, be consecutive.

1. **ESSENTIAL QUALITY STANDARDS**

- A) **VELOCITY** - An average of 10 at 15 ft: 985 f/s (+/- 90 FPS) when tested from a SAAMI 4" test barrel.
- B) **PRESSURE** - A maximum average of 10: 35,000 P.S.I. using piezoelectric system for pressure measuring, or 33,000 CUP using SAAMI approved test equipment.
- C) Based on ANSI/SAAMI Z299.3-1993.
- D) **DEFECTIVE TOLERANCES**

Ammunition not falling within the noted tolerances may be subject to return to the supplier together with all ammunition from the same lot for replacement or monetary return at the discretion of the R.C.M.P. Ammunition returned under this condition will be at the supplier's cost.

Sampling Plan & Acceptable Quality Levels:

Canadian Government Specifications Board Standard on Inspection by Attributes 105-GP-1 Table I General Inspection Level III Table 3A Double sampling plan for normal inspection.

DEFECT DESCRIPTION	ALLOWABLE QUALITY LEVEL
Critical (Functional)	0.00

Any ammunition manufacturing defect which would result in cartridge failure producing a firearms blow-up. Any loading or propellant powder defect which may result in a bullet lodging in the bore of a firearm.

DEFECT DESCRIPTION	ALLOWABLE QUALITY LEVEL
Major (Functional)	0.040

Misfires, hard extractions or any other defect which would seriously alter functioning or performance.

DEFECT DESCRIPTION	ALLOWABLE QUALITY LEVEL
Major (Visual & Dimensional)	0.040

Any visual or dimensional defect which would seriously alter functioning or performance.

2. **PERFORMANCE STANDARDS:**

A) **Accuracy Specifications:**

Five - 5 shot groups must average not more than 6 inches at 25 yards fired from a 9mm calibre Smith & Wesson 5946 and hand held on a sandbag rest.

Ammunition not meeting this accuracy specification will be treated as exceeding a defect tolerance.

B) This ammunition must function in the Heckler & Koch MP-5 sub-machine gun, Sig Sauer P-226 pistol, Colt AR15 9mm carbine and Smith & Wesson 5946.

3. **IDENTIFICATION STANDARDS** - Commercial produced to current SAAMI specifications.

4. **QUALITY ASSURANCE**

A) The successful tenderer shall supply on request of the Senior Armourer with the following:

(i) Written assurance that the ammunition to be supplied under this agreement meets or exceeds the "Essential Quality Standards", "Performance Standards" and "Identification Standards".

(ii) A print of the empty headed primed case.

(iii) A print of the bullet.

(iv) A print of the assembled cartridge.

These prints must contain all pertinent dimensions with maximum and minimum tolerance.

(v) A copy of the supplier's Quality Control Inspection procedures.

B) Random sampling based upon a reasonable quantity (as established in Appendix "A") to verify manufacturer's Quality Assurance results.

Prepared by:

A.J. Powaschuk, C/M
A/Senior Armourer

Approved by:

B.W. Onofreychuk, Cpl.
NCO i/c National Armourers Program



Royal Canadian Mounted Police
Gendarmerie Royale du Canada

Doc. no: PD-AM-18
Date: 2009-07-09

Purchase Description

Ammunition, 9mm (9 x 19), 147gr JHP

This document has 5 pages
including the drawings.

This document was created in
English.

The document is available in
English and French.

☒ English/Anglais
Francais/French

The photograph on this page is
for reference only.

Modifications

[illegible]

AMMUNITION
PURCHASE DESCRIPTION

Item: 9mm (9 x 19) , 147gr Jacketed Hollow Point.

NOTE: Based on ballistic tests performed by the RCMP Ordnance Quality Assurance Unit of the Armourer Section; the following ammunition product(s) is/are the only acceptable item(s) under this PD. The manufacturer may add special coding or digits after the listed product code(s) for product identification or product inventory control. Any changes to the actual product or product code listed must be provided to the RCMP for further amendment.

- 1) Winchester (Olin) 147 grain Ranger SXT Subsonic controlled expansion
Product Code: RA9SXT.
- 2) Remington 147 grain JHP Subsonic Golden Saber
Product Code: GS9MMC
- 3) Federal 147 grain JHP , Product Code: P9HST2.

In any one R.C.M.P. order of this calibre the ammunition supplied should be of the same lot number. If the amount of the order requires more than one lot then the lots supplied should, as much as possible, be consecutive.

1. **ESSENTIAL QUALITY STANDARDS**

- (A) **VELOCITY** - An average of 10 at 15 ft: 985 f/s (+/- 90 f/s) when tested from a SAAMI 4" test barrel.
- (B) **PRESSURE** - A maximum average of 10: 35,000 P.S.I. using piezoelectric system for pressure measuring, or 33,000 CUP using SAAMI approved test equipment.
- (C) Based on ANSI/SAAMI Z299.3-1993
- (D) **DEFECTIVE TOLERANCES**

Ammunition not falling within the noted tolerances may be subject to return to the supplier together with all ammunition from the same lot for replacement or monetary return at the discretion of the R.C.M.P. Ammunition returned under this condition will be at the supplier's cost.

Sampling Plan & Acceptable Quality Levels:

Canadian Government Specifications Board Standard on Inspection by Attributes 105-GP-1 Table I General Inspection Level III Table 3A Double sampling plan for normal inspection.

DEFECT DESCRIPTION	ALLOWABLE QUALITY LEVEL
Critical (Functional)	0.00

Any ammunition manufacturing defect which would result in cartridge failure producing a firearms blow-up. Any loading or propellant powder defect which may result in a bullet lodging in the bore of a firearm.

DEFECT DESCRIPTION	ALLOWABLE QUALITY LEVEL
Major (Functional)	0.040

Misfires, hard extractions or any other defect which would seriously alter functioning or performance.

DEFECT DESCRIPTION	ALLOWABLE QUALITY LEVEL
Major (Visual & Dimensional)	0.040

Any visual or dimensional defect which would seriously alter functioning or performance.

2. **PERFORMANCE STANDARDS:**

(A) Accuracy Specifications:

Five - 5 shot groups must average not more than 6 inches at 25 yards fired from a 9mm caliber Smith & Wesson Model 5946, hand held on a sandbag rest.

Ammunition not meeting this accuracy specification will be treated as exceeding a defect tolerance.

(B) This ammunition must feed and function in the Heckler & Koch MP-5 sub-machine gun, Sig Sauer P-226 pistol and Smith & Wesson 5946.

3. **IDENTIFICATION STANDARDS** - Commercial

4. **QUALITY ASSURANCE**

(A) The successful tenderer shall supply on request of the Senior Armourer the following:

- (i) Written assurance that the ammunition to be supplied under this agreement meets or exceeds the "Essential Quality Standards", "Performance Standards" and "Identification Standards".
- (ii) A print of the empty headed primed case.
- (iii) A print of the bullet.
- (iv) A print of the assembled cartridge.

These prints must contain all pertinent dimensions with maximum and minimum tolerances.

- (v) A copy of the supplier's Quality Control Inspection procedures.
- (B) Random sampling based upon a reasonable quantity (as established in Appendix "A") to verify manufacturer's Quality Assurance results.

**R.C.M.P.
AMMUNITION
PURCHASE DESCRIPTION**

Item - 9mm (9X19) Calibre Pistol Ammunition 147 gr. Reduced Hazard (Lead Free) Full Metal Jacket Encapsulated Lead Core.

In any one R.C.M.P. order of this calibre the ammunition supplied should be of the same lot number. If the amount of the order requires more than one lot then the lots supplied should, as much as possible, be consecutive.

1. ESSENTIAL QUALITY STANDARDS

- A) VELOCITY - An average of 10 at 15 ft: 985 f/s (+/- 90 FPS) when tested from a SAAMI 4" test barrel.
- B) PRESSURE - A maximum average of 10: 35,000 P.S.I. using piezoelectric system for pressure measuring , or 33,000 CUP using SAAMI approved test equipment.
- C) Based on ANSI/SAAMI Z299.3-1993.
- D) DEFECTIVE TOLERANCES

Ammunition not falling within the noted tolerances may be subject to return to the supplier together with all ammunition from the same lot for replacement or monetary return at the discretion of the R.C.M.P. Ammunition returned under this condition will be at the supplier's cost.

Sampling Plan & Acceptable Quality Levels:

Canadian Government Specifications Board Standard on Inspection by Attributes 105-GP-1 Table I General Inspection Level III Table 3A Double sampling plan for normal inspection.

DEFECT DESCRIPTION	ALLOWABLE QUALITY LEVEL
Critical (Functional)	0.00

Any ammunition manufacturing defect which would result in cartridge failure producing a firearms blow-up. Any loading or propellant powder defect which may result in a bullet lodging in the bore of a firearm.

DEFECT DESCRIPTION	ALLOWABLE QUALITY LEVEL
Major (Functional)	0.040

Misfires, hard extractions or any other defect which would seriously alter functioning or performance.

DEFECT DESCRIPTION	ALLOWABLE QUALITY LEVEL
Major (Visual & Dimensional)	0.040

Any visual or dimensional defect which would seriously alter functioning or performance.

2. **PERFORMANCE STANDARDS:**

A) **Accuracy Specifications:**

Five - 5 shot groups must average not more than 6 inches at 25 yards fired from a 9mm calibre Smith & Wesson 5946 and hand held on a sandbag rest.

Ammunition not meeting this accuracy specification will be treated as exceeding a defect tolerance.

B) This ammunition must function in the Heckler & Koch MP-5 sub-machine gun, Sig Sauer P-226 pistol, Colt AR15 9mm carbine and Smith & Wesson 5946.

3. **IDENTIFICATION STANDARDS** - Commercial produced to current SAAMI specifications.

4. **QUALITY ASSURANCE**

A) The successful tenderer shall supply on request of the Senior Armourer with the following:

- (i) Written assurance that the ammunition to be supplied under this agreement meets or exceeds the "Essential Quality Standards", "Performance Standards" and "Identification Standards".
- (ii) A print of the empty headed primed case.
- (iii) A print of the bullet.
- (iv) A print of the assembled cartridge.

These prints must contain all pertinent dimensions with maximum and minimum tolerance.

- (v) A copy of the supplier's Quality Control Inspection procedures.

- B) Random sampling based upon a reasonable quantity (as established in Appendix "A") to verify manufacturer's Quality Assurance results.

Prepared by:

A.J. Powaschuk, C/M
A/Senior Armourer

Approved by:

B.W. Onofreychuk, Cpl.
NCO i/c National Armourers
Program