



**Royal Canadian Mounted Police
Gendarmerie royale du Canada**

**RETOURNER LES
SOUSSIONS A:
RETURN BIDS TO:
Bid Receiving/Réception des
sousmissions**

Procurement & Contracting Services
c/o Commissionaires, F Division
6101 Dewdney Ave
Regina, SK S4P 3K7

Fax No. - N° de FAX:
(306) 780-3466

**SOLICITATION AMENDMENT
MODIFICATION DE
L'INVITATION**

The referenced document is hereby revised; unless otherwise indicated, all other terms and conditions of the Solicitation remain the same.

Ce document est par la présente révisé; sauf indication contraire, les modalités de l'invitation demeurent les memes.

Comments – Commentaries

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

**Telephone No.
no de téléphone:**

Title-Sujet: Removal of Hazardous Materials	
Solicitation No. - No. de l'invitation M5000-4-3513/A	Date 16 October 2013
Amendment No.-No modif 001	
GETS Reference No.-No de Référence du SEAG PW-13-00506830	
Solicitation Closes - L'invitation prend fin at 2:00 p.m. Central Standard Time on 18 November 2013	
F.O.B. - F.A.B. Destination	
Address Enquiries to: - Adresser toutes questions à: Teresa Hengen	
Telephone No. - No de telephone: 306-780-8179	Fax No. - N° de FAX: 306-780-3466
Destination of Goods - Destinations des biens: Royal Canadian Mounted Police Academy, Depot Division 5600 – 11th Ave Regina, SK S4P 4J7	
Delivery Required - Livraison exigée: See Herein	Delivery Offered - Livraison propose: See Herein
Name and title of person authorized to sign on behalf of Vendor/Firm - Nom et titre de la personne autorisée à signer au nom du fournisseur/de l'entrepreneur	
_____	_____
Signature	Date

Name and Title	



Royal Canadian Mounted Police
Gendarmerie royale du Canada

Government of Canada Gouvernement du Canada

Solicitation No. / No de l'invitation:
M5000-4-3513/A
Amendment No. - No modif.: 001

This amendment is raised to provide additional information on the lead bullet fragments and contaminated water as per attached.



Environmental Services Analysis Report

Invoice Number: [redacted]
Sample Location: Sonic Cleaners Armourer Shop
Collected by:

Collected: 25-Aug-2011 11:00 AM
Received: 25-Aug-2011 2:00 PM
Reported: 29-Aug-2011 9:43 AM
Water Source: Water (Other)

Submitted By:
RCMP DEPOT DIVISION

5600 11TH AVE
REGINA, SK
S4P 3J7

Invoice:
RCMP DEPOT DIVISION
(
5600 11TH AVE
REGINA, SK
S4P 3J7

Analysis	Result	Unit	Sask Guideline	Test Comment	Fee
Health and Toxicity Panel					84.00
Boron	3.7	mg/L	< 5.0		
Iron	41.5	mg/L	< 0.3		
Manganese	3.12	mg/L	< 0.05		
Aluminum (ICPMS)	5277	µg/L	< 100		
Arsenic (ICPMS)	<0.02	µg/L	< 25		
Barium (ICPMS)	10030	µg/L	< 1000		
Cadmium (ICPMS)	16550	µg/L	< 5		
Chromium (ICPMS)	484	µg/L	< 50		
Copper (ICPMS)	19480	µg/L	< 1000		
Lead (ICPMS)	25330	µg/L	< 10		
Selenium (ICPMS)	210	µg/L	< 10		
Uranium (ICPMS)	0.20	µg/L	< 20		
Zinc (ICPMS)	10040	µg/L	< 5000		

Submitter Phone Number:

Comments:

Please include
Invoice Number
with payment
and remit to:

**Minister of Finance
Saskatchewan Health
3475 Albert Street
Regina, Saskatchewan
S4S 6X6**

Total Fees (including GST)	84.00
Tax Summary G.S.T. (reg # 107864258)	4.00
Amount Received: (Visa)	84.00

Refund to be issued by the Department of Finance.

Balance	\$0.00
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Contact Us:

Result Interpretation: Please contact your Regina Qu'Appelle Public Health Officer at: (306) 766-7705
Billing Inquiries: Toll Free: 1-866-450-0000, Phone: (306) 787-7138, Fax: (306) 798-0046, Email: info@health.gov.sk.ca

MATERIAL SAFETY DATA SHEET

**SMALL ARMS AMMUNITION
BALLISTIC CLEAN CENTERFIRE PISTOL AMMUNITION**

**Federal Cartridge Company
900 Ehlen Drive
Anoka, Minnesota 55303**

**TELEPHONE: 763-323-2300
PRODUCT SERVICE: 763-323-3706
EMERGENCY PHONE NUMBER: 800-424-9300 (CHEMTREC)**

Issue Date: January 2, 2006

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SECTION #1 - PRODUCT IDENTIFICATION:

NON-TOXIC CENTERFIRE PISTOL PRODUCT FAMILY		
Centerfire Metallic Cartridge Including The Following:		
10mm Automatic	.380 Automatic	9mm Luger Auto
.40 S&W	.38 Special	.45 Automatic
.357 Magnum	.357 Sig.	

Cfpis-ntox-6

SECTION #2 - CHEMICAL COMPOUNDS:

CHEMICAL COMPOUNDS				
	CAS NUMBER		TWA UNLESS OTHERWISE NOTED	
			OSHA PEL	ACGIH TLV
Bullet *Zinc Core (As Zinc Oxide)	7440-66-6	1314-13-2	10 mg/m ³ (5 mg/m ³ as respirable dust) Fume: 5 mg/m ³	10 mg/m ³ Fume: 5 mg/m ³
*Copper Jacket & Core	7440-50-8		1 mg/m ³ Fume: .1 mg/m ³	1 mg/m ³ Fume: .2 mg/m ³
Tin	7440-31-5		.1 mg/m ³	2 mg/m ³
Ferro Tungsten (As Tungsten)	12604-57-8		Not Established	5 mg/m ³ 10mg/m ³ STEL
Polymer	None		Not Established	Not Established
Zinc (As Zinc Oxide) (See above)				
(See above) Cartridge Case - Brass (As Zinc & Copper) (See above)				
Propellant - Nitrocellulose	9004-70-0		Not Established	Not Established
*Nitroglycerine	55-63-0		.2 mg/m ³ STEL	.46 mg/m ³ (Skin)
Diphenylamine	122-39-4		Not Established	10 mg/m ³
Primer - Diazodinitrophenol	87-31-0		Not Established	Not Established
Tetracene	109-27-3		Not Established	Not Established
*Barium Nitrate (As Barium)	7440-39-3		.5 mg/m ³	.5 mg/m ³
*Aluminum	7429-90-5		15 mg/m ³ (5 mg/m ³ as respirable dust)	10 mg/m ³
Nitrocellulose (See above)				
Nitroglycerine (See above)				

* Indicates toxic chemical(s) subject to the reporting requirements of section 313 of title III of

the Superfund Amendments and Reauthorization Act (SARA) of 1986 and 40 CFR 372.

DEFINITIONS OF ACRONYMS

OSHA PEL: Federal Occupational Safety and Health Administration's Permissible Exposure Limit. Some states and jurisdictions may have limits other than those listed. Contact your local authorities for Permissible Exposure Limits in your jurisdiction.

ACGIH TLV: American Conference of Governmental Industrial Hygienists' Threshold Limit Values.

TWA: Time Weighted Average.

STEL: Short Term Exposure Limit, the 15-minute exposure that should not be exceeded at any time during a workday.

CEILING: The concentration that is not to be exceeded at any time during a workday.

CAS: Chemical Abstracts Service number.

SECTION #3 - PHYSICAL DATA

Boiling Point:	Not Applicable
Melting Point:	Not Applicable
Vapor Pressure:	Not Applicable
Density:	3.1 - 8.0 grams/cc
Solubility (Water):	None
Evaporation Rate:	Not Applicable
Percent Volatiles:	Not Applicable
Vapor Density (Air = 1):	Not Applicable

Appearance: Brass case with copper jacketed zinc core, tungsten polymer core or powdered copper/tin core bullet or solid powdered copper/tin bullet.

Odor:	None
Odor Threshold:	None

SECTION #4 - FIRE FIGHTING & EXPLOSION DATA:

Flash Point (F):	Not Applicable
Auto Ignition Temperature (F):	Not Applicable
Upper Explosive Limits (Percent):	Not Applicable
Lower Explosive Limits (Percent):	Not Applicable

Fire & Explosion Hazards: May ignite if heated to 250 degrees F, independent of air. Unconfined ignited cartridges can produce low velocity metallic fragments that may cause eye injury or skin wounds if unprotected by standard fire-fighter turnout gear.

Extinguishing Media: Water

Special Fire Fighting Instructions: Wear full fire-fighter protective gear including face shield or SCBA. Use wide fog pattern nozzle to stop any low velocity fragments. Use water to cool ordinary combustibles below ignition temperature.

SECTION #5A - EXPOSURE & EFFECTS - INHALATION

ROUTE OF EXPOSURE & EFFECTS - INHALATION

Acute: Acute inhalation of smoke may produce mild throat and eye irritations.

Chronic: None known.

First Aid: Remove person to fresh air. If breathing has stopped, administer artificial respiration. If symptoms should appear, contact physician.

SECTION #5B - EXPOSURE & EFFECTS -- SKIN

ROUTES OF EXPOSURE & EFFECTS - SKIN

Acute: Contact with metal fumes may cause skin irritation.

Chronic: None known.

First Aid: Wash thoroughly with soap and water.

SECTION #5C - EXPOSURE & EFFECTS - EYES

ROUTES OF EXPOSURE & EFFECTS - EYES

Acute: Contact with large volumes of smoke may cause minor eye irritation.

Chronic: None known.

First Aid: Remove person to fresh air. If foreign body is suspected, wash eyes in fresh water for 15 minutes, contact physician.

SECTION #5D - EXPOSURE & EFFECTS - INGESTION

ROUTE OF EXPOSURE & EFFECTS - INGESTION

Acute: Ingestion of nitroglycerin is known to cause headaches, convulsions, tachycardia and apnea. Ingestion is not a likely route of exposure.

Chronic: None known.

Note: Wash hands thoroughly with soap and water before eating or smoking.

First Aid: Ingestion is not a likely route of exposure. In case of ingestion, contact physician.

SECTION #5E - EXPOSURE & EFFECTS -- CARCINOGENESIS DATA

N.T.P.: No

I.A.R.C.: No

OSHA: No

SECTION #5F - EXPOSURE & EFFECTS - COMMENTS

Barium is a toxic metal, at high concentrations. Ballistclean ammunition contains trace levels of Barium.

SECTION #5G - AGGRAVATION OF PRE-EXISTING HEALTH CONDITIONS

AGGRAVATION TO PRE-EXISTING HEALTH CONDITIONS

None known.

SECTION #6 - REACTIVITY & POLYMERIZATION

Stability: Stable under normal use conditions.

Conditions to Avoid: Individual cartridges may ignite if the primer is struck or if the cartridge is exposed to excess heat.

Incompatible Materials: Oils, Acids, Alkalies, Ammonia, and other corrosive materials.

Hazardous Decomposition Materials: Oxides of Barium, Nitrogen and Carbon.

Polymerization: Will not occur.

SECTION #7 - SPILLS, LEAKS & DISPOSAL PROCEDURES

STEPS TO BE TAKEN - SPILLS:

Avoid conditions detailed in Section #6. If container should rupture place all loose cartridges from broken shipping cases into a sturdy container, secure container carefully.

Waste Disposal Methods: Contact Manufacturer - Product Service (763) 323-3706.

SECTION #8 - SPECIAL PROTECTIVE EQUIPMENT

Ventilation: Use in a well-ventilated area. Consult the current edition of ACGIH Industrial Ventilation Manual and/or NRA ventilation recommendations.

Protective Equipment:

Eyes: Recommend protective eyewear conforming to ANSI Z-87.

Gloves: Not generally required.

Respirators: Use an approved respirator while cleaning range facilities if applicable exposure limits are exceeded.

Hearing Protection: Hearing protection recommended while discharging cartridges.

SECTION #9 - SPECIAL PRECAUTIONS -- STORAGE & HANDLING

Store in a dry, cool area in the original container to assure performance. Keep out of the reach of children. Avoid striking the primer of unchambered cartridges. Remove ammunition from service if any of the following conditions have occurred:

1. Evidence of corrosion.
2. Physical damage.
3. Exposure to oil or spray type lubricants.

Avoid prolonged storage in leather cartridge carriers

SECTION #10 - TRANSPORTATION INFORMATION

This material is a US Department of Transportation Hazardous Material.

US DOT Proper Shipping Name: Cartridges, small arms
Hazard Classification: 1.4S
UN Identification Number: UN0012
Packing Group: II

Although reasonable care has been taken in the preparation of this document, Federal Cartridge Company extends no warranties and makes no representation as to the accuracy or completeness of the information contained herein and assumes no responsibility regarding the suitability of this information for the user's intended purpose or the consequences of its use. Each individual should make a determination as to the suitability of the information for their particular purpose.