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Public Works Government Services Canada- Bid
Receiving / Réception des soumissions
189 Prince William Street
Room 421
Saint John
New Brunswick
E2L 2B9

Revision to a Request for a Standing Offer

Révision à une demande d'offre à commandes

Regional Individual Standing Offer (RISO)

Offre à commandes individuelle régionale (OCIR)

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

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

Comments - Commentaires

Vendor/Firm Name and Address

Raison sociale et adresse du
fournisseur/de l'entrepreneur

Issuing Office - Bureau de distribution

Public Works Government Services Canada- Bid
Receiving / Réception des soumissions
189 Prince William Street
Room 421
Saint John
New Bruns
E2L 2B9

Title - Sujet Hazardous Waste Removal CFB Gagetow		
Solicitation No. - N° de l'invitation W0105-14E026/A		Date 2014-01-20
Client Reference No. - N° de référence du client W0105-14E026		Amendment No. - N° modif. 002
File No. - N° de dossier PWB-3-36094 (004)	CCC No./N° CCC - FMS No./N° VME	
GETS Reference No. - N° de référence de SEAG PW-\$PWB-004-3344		
Date of Original Request for Standing Offer Date de la demande de l'offre à commandes originale		2013-12-10
Solicitation Closes - L'invitation prend fin at - à 02:00 PM on - le 2014-01-28		Time Zone Fuseau horaire Atlantic Standard Time AST
Address Enquiries to: - Adresser toutes questions à: Doucet, Gisele PWB		Buyer Id - Id de l'acheteur pwb004
Telephone No. - N° de téléphone (506) 636-4541 ()	FAX No. - N° de FAX (506) 636-4376	
Delivery Required - Livraison exigée		
Destination - of Goods, Services, and Construction: Destination - des biens, services et construction:		
Security - Sécurité This revision does not change the security requirements of the Offer. Cette révision ne change pas les besoins en matière de sécurité de la présente offre.		

Instructions: See Herein

Instructions: Voir aux présentes

Acknowledgement copy required Accusé de réception requis	Yes - Oui <input type="checkbox"/>	No - Non <input type="checkbox"/>
The Offeror hereby acknowledges this revision to its Offer. Le proposant constate, par la présente, cette révision à son offre.		
Signature	Date	
Name and title of person authorized to sign on behalf of offeror. (type or print) Nom et titre de la personne autorisée à signer au nom du proposant. (taper ou écrire en caractères d'imprimerie)		
For the Minister - Pour le Ministre		

This Revision to a Request for a Standing Offer No. Two (2) is raised to make the revisions indicated below.

The following Addendum to the tender is effective immediately. This addendum shall form part of the contract documents.

All other terms and conditions remain the same.

Addendum No. 2.

1. QUESTIONS AND ANSWERS

Q1. Item 17 - Sand Blast Grit: The RFSO document indicates that CFB Gagetown will supply 205L drums. Because of the large number of drums (210) we would like confirmation that the contractor will not be responsible for returning and/or switching out empty drums when a pick up is done?

A1. Contract specifically states one for one exchange. Contractor will replace prior to loading vehicle.

Q2. Item 35 - bulk water with bisulfates: Approximately how many collections per year and average volumes per pick up?

A2. Generated from courses conducted between April-May. Specific course schedule unforecastable as they are conducted by candidate availability. Once a course is completed the contractor must be available within 2 days notice as these courses often are consecutive

Q3. Item 35 - bulk water with bisulfates: Is the waste stored in a tank or in totes or drums? If in totes what size?

A3. Two (2) tanks, 1st - 1635 gallons, 2nd - approximately 2500 gallons.

Q4. Item 35 - bulk water with bisulfates: Is there an MSDS or technical sheet available? What is the percentage of bisulfite/bisulfate? What is the pH of the solution.

A4. Last analysis was pH 7. Material Safety Data Sheet (MSDS) attached.

Q5. Item #17 is for the disposal of sand blast grit, 210 drums. In Annex A it states that this is sand blast coming from the paint shop and that it does not contain any lead. As it is coming from the paint shop though the concern would be the type of paint you are removing. Would it be water based or alkyd? If it is alkyd paint would you have ever had a flashpoint analysis done on the sand blast to know if it supports combustion or not?

A5. Water base.

Q6. For item # 35 it is listed 40,000L of water contaminated with bisulfates – please advise If this is a once a year type disposal ie full volume at once or if would be multiple smaller shipments throughout the year.

A6. See Answers 3 and 4 above.

Q7. The unit pricing in Annex A includes transportation. Is it possible for PWGSC to amend the price table to include a line for round trip transportation to and from the pickup location and the receiving facility

A7. Price included in Bid. The Contractor will submit prices for the items as described in Annex "A" Hazardous Waste Types and Quantities and in accordance with Specification Section No. 00 21 13, Clause 1.20.2 which states "Such prices will include supervision, expenses, tools, equipment, transportation (travel time to and from the contractors base of operation will be included in the rates provided) and profit".

Q8. We would like some clarity please. The waste disposal involved in this Request for Standing Offer does not warrant Confined Space Entry requirements so we are unclear as to why that is a mandatory requirement? If a job did arise that needed confirmed space we do have technicians that can meet that need at that time but for the waste listed on this Request confirmed space is not needed.

A8. For the Confined Space Entry it is Mandatory for the reason that any one room with only one door where they may be picking up Hazardous Material is deemed to be a confined space. So the permits are required as Specification states.

Q9. Please advise if the mandatory requirements stipulated on Page 23 of 27 (Items 7 & 8) under Annex "B" as well as Section 00 21 13 in the Specification which indicate what is required will remain as a requirement?

A9. The WHIMIS is mandatory due to the Hazardous Waste they will be dealing with.



Water for the world

MATERIAL SAFETY DATA SHEET

M.S.D.S. File Number **MP-4**

Material Name/Identifier MP-4 (Membrane Preservative)				
SECTION VI - TOXICOLOGICAL PROPERTIES OF PRODUCT				
Route of Entry Skin Contact <u>X</u> Skin Absorption _____ Eye Contact <u>X</u> Inhalation <u>X</u> Ingestion _____				
Effects of Acute and Chronic Exposure to Product			I.D. Product 50	
Eyes: Eye contact may cause irritation			Irritancy of Product	
Skin: Prolonged or repeated contact may cause irritation			Not Available	
Inhalation: Inhalation of dust will irritate and may damage upper respiratory tract and lungs. Inhalation is not an anticipated route of exposure			Skin, eyes	
Ingestion: Harmful if swallowed			D.C. Product 50	
Chronic: No anticipated chronic effects			Not Available	
Carcinogen _____ Teratogen _____ Mutagen _____ Reproductive Effects _____			Exposure Limit (Product)	
This product does not contain regulated levels of NTP, IARC, ACGIH or OSHA listed carcinogens			Not Available	
SECTION VII - PREVENTIVE MEASURES				
Personal Protective Equipment				
Use appropriate PPE to prevent skin or eye contact				
Gloves	Footwear	Eye	Other Clothing	Respirator
Rubber	Not Applicable	Goggles	Apron	NIOSH/MSHA approved Chemical filter/respirator if conditions warrant
Engineering Controls (e.g. ventilation, enclosed process, specify)				
General dilution ventilation				
Handling Procedures and Equipment				
No Special Procedures				
Storage Requirements				
Keep in tightly sealed container in cool dry place				
Special Shipping Information				
Not Applicable				
SECTION VIII - FIRST AID MEASURES				
Skin				
Wash thoroughly with soap and water. Get medical attention if irritation persists.				
Eye				
Flush immediately with water for 20 minutes. Call a physician.				
Inhalation				
Remove subject to fresh air. Call a physician.				
Ingestion				
Give one glass of water or milk. Do not give anything by mouth to unconscious person. Do not induce vomiting. Get immediate medical attention.				
SECTION IX - PREPARATION DATE OF M.S.D.S.				
Sources Used RTECS, CCINFO, and ACGIH				
Prepared By		Phone Number		Date
Zenon Environmental Inc.		(905) 332-6694		FEBRUARY, 1, 2001
The information herein is given in good faith, but no warranty, expressed or implied, is made.				



MATERIAL SAFETY DATA SHEET

If ever for the world

M.S.D.S. File Number **MP-4**

SECTION I - MATERIAL IDENTIFICATION AND USE				PIN/AIN No. Not Applicable	
Material Name MP-4 (Membrane Preservative)		WHMIS Classification D2		Supplier's Name ZENON Environmental Inc.	
Manufacturer's Name ZENON Environmental Inc.		Street Address 5316 John Lucas Drive		City Burlington Province Ontario	
Street Address 5316 John Lucas Drive		City Burlington Province Ontario		Postal Code L7L 6A6	
City Burlington		Province Ontario		Telephone (905) 332-6694	
Postal Code L7L 6A6		Emergency Telephone No. 6666		Fax Code 6A6	
Product Use Cleaning compound		Chemical Family		Molecular Weight	
Trade Name and Synonyms MP-4 (SK-0773)		Chemical Name		Chemical Formula	
SECTION II - HAZARDOUS INGREDIENTS OF MATERIAL					
Hazardous Ingredients	Approximate Concentration %	C.A.S. Numbers	Exposure Limits ACGIH TLV-TWA	LD 50	
Sodium Bisulfite	30 - 50%	7631-90-5	5mg/m³	2 gm/Kg (oral, rat)	
Citric Acid	10 - 30%	77-92-9		5040 mg/Kg (oral, mouse) 11700 mg/Kg (oral, rat)	
Sodium Sulfate	10 - 30%	7757-82-6		3.9 g/Kg (oral, rat)	
Sodium Dodecylbenzene sulfonate	10 - 30%	25155-30-0		438 mg/Kg (oral, rat)	
SECTION III - PHYSICAL DATA FOR MATERIAL					
Physical State: Gas <input type="checkbox"/> Liquid <input type="checkbox"/> Solid <input checked="" type="checkbox"/>		Appearance and Odour of Product		Specific Gravity	Density
		White powder, slight acrid odour		Not Applicable	Not Applicable
pH	Vapour Density (Air = 1)	Exposition Rate	Boiling Point (°C)	Melting Point (°C)	
3.35 (0.4% solution)	Not Available	Not Available	Not Available	Not Available	
Solubility in Water (25°C)	% Volatile (by volume)	Vapour Pressure (mmHg)	Freezing Point (°C)	Coefficient of material distribution	
Not Available	Not Available	Not Available	Not Available	Not Available	
SECTION IV - FIRE AND EXPLOSION HAZARD OF MATERIAL					
Flammability: If yes, under which conditions?					
Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>					
Means of Extinction: Material does not burn. Use extinguisher appropriate for surrounding material which is burning.					
Special Precautions: No Special Procedures			Sensitivity to Mechanical Impact: Not Available		
Hazardous Combustion Products		Auto ignition temperature	Explosion Power	Lower Explosion Limit (% by volume)	
When liquid boils, sulfur dioxide gas may form		Not Applicable	Not Available	Not Applicable	
Rate of Burning		Flash Point (°C) and method	Sensitivity to Static Discharge	Upper Explosion Limit (% by volume)	
Not Applicable		Not Applicable	Not Applicable	Not Applicable	
SECTION V - REACTIVITY DATA					
Chemical Stability: If no, under which conditions?					
Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>					
Incompatibility to other substances: If so, which ones?					
Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>					
Sodium bisulfite may form sulfur dioxide on contact with water. Sodium bisulfite will slowly oxidize to sulfate in air. Avoid organic acids. Aqueous solutions of citric acid can, if in contact with reactive metal (iron, zinc or aluminum) form hydrogen which may form explosive mixtures.					
Reactivity and under what conditions		Not Applicable			
Hazardous Decomposition Products		Sulfur Compounds			



MATERIAL SAFETY DATA SHEET

M.S.D.S. File Number **MC-4**

Material Name/Identifier MC-4, Caustic Membrane Cleaner				
SECTION VI - TOXICOLOGICAL PROPERTIES OF PRODUCT				
Route of Entry: Skin Contact <u>X</u> Skin Absorption _____ Eye Contact <u>X</u> Inhalation _____ Ingestion _____				
Effects of Acute and Chronic Exposure to Product		LD ₅₀ Product	Irritancy of Product	
Eyes: Can burn eyes.		Not Available	Skin, eyes	
Skin: Prolonged or repeated contact may cause burns.		LC ₅₀ Product	Synergistic Materials	
Inhalation: Irritates nose and throat.		Not Available	None known	
Ingestion: Not available.		Exposure Limit (Product)	Sensitization to Product	
Chronic: No chronic effects known.		Not Available	None Known	
Carcinogen _____ Teratogen _____ Mutagen _____ Reproductive Effects _____				
This product does not contain regulated levels of NTP, IARC, ACGIH or OSHA listed carcinogens				
SECTION VII - PREVENTIVE MEASURES				
Personal Protective Equipment				
Use appropriate PPE to prevent skin or eye contact				
Gloves	Footwear	Eye	Other Clothing	Respirator
Natural Rubber	Not Applicable	Goggles	Apron	Dust Mask
Engineering Controls (e.g. ventilation, enclosed process, etc.)				
General ventilation				
Handling Procedures and Equipment				
Wear recommended PPE				
Storage Requirements				
Keep in tightly sealed container in cool dry, well-ventilated area				
Special Shipping Information				
No special shipping information				
SECTION VIII - FIRST AID MEASURES				
Skin				
Wash thoroughly with plenty of water. Get medical attention if irritation persists.				
Eye				
Flush with a gentle stream of water for at least 20 minutes. Obtain medical attention as soon as possible.				
Inhalation				
Remove from exposure				
Ingestion				
If conscious, have victim drink 2 cups of water. Contact a physician immediately.				
SECTION IX - PREPARATION DATE OF M.S.D.S.				
Sources Used RTECS, CCINFO, and ACGIH				
Prepared By		Phone Number		
Zenon Environmental Inc.		(905) 332-6694		FEBRUARY 1, 2001
The information herein is given in good faith, but no warranty, expressed or implied, is made.				



Water for the world

MATERIAL SAFETY DATA SHEET

M.S.D.S. File Number **MC-4**

SECTION I - MATERIAL IDENTIFICATION AND USE				Product No.: 1759	
Material Name: MC-4, Caustic Membrane Cleaner				WHIMDS Classification: D2 E	
Manufacturer's Name: ZENON Environmental Inc.				Supplier's Name: ZENON Environmental Inc.	
Street Address: 5316 John Lucas Drive				Street Address: 5316 John Lucas Drive	
City: Burlington	Province/State: Ontario		City: Burlington	Province: Ontario	
Postal Code: L7L 6A6	Emergency Telephone No: 6666		Postal Code: L7L 6A6	Telephone: (905) 332-6694	
Product Use: Membrane cleaner		Chemical Family: Caustic detergent		Molecular Weight: Not Applicable	
Toxic Name and Synonyms: Not Applicable		Chemical Name: Not Applicable		Chemical Formula: Not Applicable	

SECTION II - HAZARDOUS INGREDIENTS OF MATERIAL				
Hazardous Ingredients	Approximate Concentration %	C.A.S. Numbers	Exposure Limits ACGIH TLV-TWA	I.D. ₅₀
Sodium carbonate	15-40	497-19-8	Not Available	1.86 g/Kg
Linear alkylbenzene sulphonate	10-30	68081-91-2	Not Available	0.65-1.26 g/Kg
Sodium silicate	5-10	1344-09-8	Not Available	1 g/Kg
Sodium hydroxide	7-15	1310-73-2	Not Available	1.77 g/Kg
Sodium sulfate	10-30	7757-82-6	Not Available	3.9 g/KgKg

SECTION III - PHYSICAL DATA FOR MATERIAL				
Physical State: Gas <input type="checkbox"/> Liquid <input type="checkbox"/> Solid <input checked="" type="checkbox"/>	Appearance and Odour of Product: White powder with white pellets		Specific Gravity: 360 g/L	Flammability: Not Applicable
pH: Alkaline	Vapour Density (Air = 1): Not Applicable	Evaporation Rate: Not Applicable	Boiling Point (°C): Not Applicable	Odour Threshold: Not Available
Solubility in Water (25°C): Not Available	% Volatile (by volume): Not Available	Vapour Pressure (mmHg): Not Applicable	Freezing Point (°C): Not Applicable	Coefficient of water/sol distribution: Not Available

SECTION IV - FIRE AND EXPLOSION HAZARD OF MATERIAL			
Flammability: If yes, under which conditions: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>			
Means of Extinction: CO₂, water or dry chemical. Use extinguisher appropriate for surrounding material which is burning.			
Special Procedures: No Special Procedures		Sensitivity to Mechanical Impact: Not Available	
Hazardous Combustion Products: None known	Auto ignition temperature: Not Applicable	Explosion Power: Not Applicable	Lower Explosion Limit (% by volume): Not Applicable
Rate of Burning: Not Applicable	Flash Point (°C) and method: Not Applicable	Sensitivity to Static Discharge: Not Applicable	Upper Explosion Limit (% by volume): Not Applicable

SECTION V - REACTIVITY DATA	
Chemical Stability: If no, under which conditions? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	
Incompatibility to other substances: If so, which ones? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Do not mix with aluminium or zinc salts. Avoid chloroform / methanol	
Reactivity and under what conditions: Avoid mixing with strong acids.	
Hazardous Decomposition Products: None Known	