RETURN BIDS TO:
RETOURNER LES SOUMISSIONS À:

PWGSC/TPSGC Acquisitions
1045 Main Street
1st Floor, Lobby C
Unit 108
Moncton, NB E1C 1H1
Bid Fax: (506) 851-6759

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 mêmes.

Comments - Commentaires

Title - Sujet Water & Sewage Analysis	
Solicitation No. - N° de l'invitation W0105-14E043/A	**Amendment No. - N° modif.** 003
Client Reference No. - N° de référence du client W0105-14E043	**Date** 2014-02-24
GETS Reference No. - N° de référence de SEAG PW-$MCT-014-4772	
File No. - N° de dossier MCT-3-36074 (014)	**CCC No./N° CCC - FMS No./N° VME**
Solicitation Closes - L'invitation prend fin **at - à 02:00 PM** **on - le 2014-03-03**	**Time Zone** **Fuseau horaire** Atlantic Standard Time AST
F.O.B. - F.A.B. **Plant-Usine:** ☐ **Destination:** ☑ **Other-Autre:** ☐	
Address Enquiries to: - Adresser toutes questions à: MacDonald, Charline	**Buyer Id - Id de l'acheteur** mct014
Telephone No. - N° de téléphone (506) 851-6067 ( )	**FAX No. - N° de FAX** (506) 851-6759
Destination - of Goods, Services, and Construction: **Destination - des biens, services et construction:**	

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

Instructions: See Herein

Instructions: Voir aux présentes

Delivery Required - Livraison exigée	**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**

Issuing Office - Bureau de distribution

NB / PEI Division - Moncton Acquisitions Office
1045 Main Street
1st Floor, Lobby C
Unit 108
Moncton, NB E1C 1H1

Canada

Title: Water & Sewage Analysis

Solicitation Amendment No. 003

This solicitation is hereby amended to:

(1) Reference: Annex "A" - Statement of Work (Specification Job No. L-G2/9900/1613)

DELETE Division 00 - Procurement and Contracting Requirements, Section 00 21 13 Instruction to Bidders, Pages 1 to 9; and

INSERT the revised Division 00 - Procurement and Contracting Requirements, Section 00 21 13 Instruction to Bidders, Pages 1 to 10 attached to add one item; Aquatic Toxicity Analysis - Rainbow Trout pH Stabilization Test - EPS 1/RM/50 Min 160 L.

(2) Reference: Annex "B" - Basis of Payment

DELETE the current Annex "B" Basis of Payment; and

INSERT the Annex "B" - Basis of Payment Revised February 24, 2014 attached to add one item; Unit Price for Rainbow Trout pH Stabilization Test - EPS 1/RM/50 Min 160 L.

If your bid has already been forwarded and you wish to revise same, this revision should be sent either in a sealed envelope and mailed to the above address or by facsimile (506) 851-6759 and reach the undersigned before the appropriate closing date. The solicitation number and the closing date are to be shown on the outside of the sealed envelope or on the facsimile transmission.

All other terms and conditions of the solicitation document remain unchanged.

All enquiries concerning this amendment are to be forwarded to:

Name: Charline MacDonald
Telephone No.: (506) 851-6067
Facsimile No: (506) 851-6759

PART 1 - GENERAL

1.1 Description of Work

.1 Work covered under this Service Contract includes the provision of all following testing and analysis in a timely manner:

.1 Potable water testing and analysis for Total Coliforms including E. Coli, Heterotrophic Plate Count (HPC), Organic and Inorganic parameters as per Annex A, Pseudomonas, General Chemistry, and Trihalomethanes(THM);

.2 Sewage water testing and analysis for Digestor Nutrient, Digestor Metals, Fecal Coliforms, Benzene, Toluene, Ethylbenzene and Xylene (BTEX), Biological Oxygen Demand (BOD5), Suspended Substance (SS), Total Kjeidahl Nitrogen (TKN), Total Phosphorus (TP), Ammonia (NH3), Total Suspended Solids (TSS), Total Petroleum Hydrocarbons (TPH), Glycol, Metals in any liquid or a solid sewage sludge, Phenols and Chemical Oxygen Demand (COD), Aquatic Toxicity Analysis - Rainbow Trout pH Stabilization Test - EPS 1/RM/50 Min 160 L;

.3 Storm water testing and analysis for BTEX, TPH, Total Suspended Solids (TSS), General Chemistry and Metals.

.2 Samples will be collected for the Engineer by the specific facility Supervisor and their personnel. Any additional mixing and addition of chemicals will be the responsibility of the laboratory.

.3 The Contractor will be responsible to provide, at no additional charge to the submitted bid prices, all pre-labelled sample containers of all types for specific tests as required to the facility Supervisors listed in item 1.2 in a timely manner for sample collection. The contractor will also provide, at no additional charge, all preservatives, filters, syringes, ice packs, various blanks IE trip blank, sample blank and coolers necessary for the proper

collection and transport of all samples to the laboratory. It will be the Contractor's responsibility to ensure that all samples are transported to the laboratory, at no additional charge, in a acceptable state for the required testing and analysis.

.4 With regard to Potable Water samples, in the event that an analysis confirms a concentration of any contaminant above allowable limits as specified by the Guidelines for Canadian Drinking Water Quality (Sixth Edition), the Contractor will report such immediately regardless of the time of day or the day of the week to: the Water Plant Supervisor, or their representative, at (506) 422-2000 ext 2810, and the Utilities Officer, or their representative, at (506) 422-2000 ext 2942. The telephone call will be followed up by an emailed copy and a mailed original of the report. If all tests and analysis prove acceptable according to the Guidelines for Canadian Drinking Water Quality (Sixth Edition), the Contractor will email a copy of the report to the Water Treatment Plant Supervisor. This email address will be provided to the Contractor after the award of this Service Contract. The report will list all parameter levels determined by the analysis in a column of data adjacent to a column of the acceptable levels established by the Guidelines for Canadian Drinking Water Quality (Sixth Edition).

.5 With regard to Sewage and Storm Water samples, the Contractor will email the results of all testing and analysis to the Waste Water Treatment Plant Supervisor if samples are Sewage Water or to the Utilities Officer if the samples are Storm Water. These email addresses will be provided to the Contractor after the award of this Service Contract.

.6 The maximum elapsed time between collection and the start of the analysis of Potable Water samples for

microbiological (coliform bacteria presence) is twenty-four (24) hours. Due to the time it takes to complete the sampling by the Facilities' personnel on and around the Base, samples may be eight (8) hours old when they become available for pick up and transport to the Laboratory by the Contractor. Therefore, there will be sixteen (16) hours available to the Contractor for pick up, delivery, filtering, addition of any chemicals and the start of the analysis of samples. The Contractor must ensure that all microbiological testing and analysis can be accomplished in this time-frame.

.7 Due to the public safety aspect of this Service Contract, any testing or analysis that cannot be completed by the Contractor's laboratory and therefore must be sub-contracted to another laboratory must be sub-contracted to a laboratory with accreditation by SCC or CAEAL for the testing parameter in question. This proof of accreditation must be provided to the Engineer prior to award of this Service Contract. All communication and points of contact must be with the successful bidder's laboratory whether testing is sub-contracted or not. No requirements of the specification i.e. the immediate communication to those listed in 1.4.1 of unsafe drinking water, shall be passed on as the responsibility of a third party laboratory when sub-contracting testing and analysis by the Contractor's Laboratory and by the Contractor's direct employees. **Note:In regard to transportation, travel time to and from the contractors base of operation will be included in the rates provided.**

1.2 Duration of Contract

.1 This Service Contract will extend from 01 April 2014 to 31 March 2015 with two, one-year options to renew.

1.3 References

.1 Guidelines for Canadian Drinking Water Quality (Sixth Edition);

.2 International Standards Organization (ISO) 17025 (2005).

1.4 Qualifications

.1 The Contractor's laboratory must be accredited to ISO 17025 (General Requirements for the Competence of Testing and Calibration Laboratories 2005) by either The Standards Council of Canada (SCC), or The Canadian Association of Environmental Analytical Laboratories Inc.(CAEAL). Accreditation by any other body must be approved by the Engineer prior to award of this Service Contract.

.2 Proof of accreditation with a copy of the laboratory's Scope of Accreditation must be provided to the Engineer prior to award of this Service Contract . Proof of accreditation with a copy of the laboratory's and any and all sub-contracted laboratories; Scopes of Accreditation must be provided to the Engineer prior to award of this Service Contract. These Scopes of Accreditation must include all parameters outlined in Annex A and in 1.4.1.

.3 Prior to award of this Service Contract, the Contractor shall provide proof to PWGSC of liability insurance coverage of no less than two million dollars, ($2,000,000).

.4 Contractor must be registered with the Workplace Health, Safety and Compensation Commission (WHSCC) of New Brunswick (or if the winning contractor is from outside New Brunswick, that provinces equivalent is acceptable) and provide proof of such to PWGSC prior to award of this Service Contract.

1.5 Engineer

.1 The Engineer as defined and stated in this specification will be the Commanding Officer 5 Engineer Services Unit or a

designated representative. The address of the Engineer is:

Contracts Office
5 Engineering Services Unit
Building B18
CFB/ASU Gagetown
PO BOX 17000 Station Forces
Oromocto, N.B. E2V 4J5
Tel.(506) 422-2000 Ext. 2677
Fax (506) 422-1248

1.6 Documents Required

.1 Maintain at the labratory one copy each of the following:
.1 Specifications; and
.2 Addenda.

1.7 Call-Up Procedures

.1 Upon award of this Service Contract, the Contractor will advise the Engineer of the telephone number and location at which they or their personnel may be contacted at any time. This will include a Laboratory Supervisor toward whom all procedural questions and concerns shall be directed, as well as telephone numbers for the Contractor's personnel that will pick-up, deliver and analyze the samples for regular and emergency testing and analysis.

.2 The Contractor will provide service daily including Saturdays, Sundays and holidays. A request for service under this Service Contract shall consist of a faxed letter from the Engineer's Representative. A request for service letter shall be sent to the Contractor at the beginning of each month during the life of this Service Contract describing the testing and analysis to be done with a work order and requisition number. These numbers must be on the Contractor's invoice as well as a detailed accounting of all tests performed and copies of all Chains of Custody. The Contractor will invoice at the end of each month for all testing completed during

that month.

.3 The Contractor will not refuse any call for service requested by the Engineer. In the event that emergency testing and analysis is required due to a failed sample, the Contractor will not make additional charges over and above the submitted bid price in Annex B, item 2. Emergency testing is testing required due to a failed sample due to coliforms and will be a priority for the contractor's laboratory.

1.8 Contractor's Use of Site

.1 Work site access will be as directed by the Engineer.

.2 Movement around the site is subject to restrictions laid down by the Engineer.

.3 Do not unreasonably encumber the site with materials or equipment.

1.9 Codes and Standards

.1 Perform work to and enforce safety measures in accordance with the Canadian Labour Code Part II and the New Brunswick Occupational Health and Safety Act.

.2 Contractor must be registered with WorkSafeNB and provide proof of such to PWGSC prior to award of contract. Should the winning contractor be from outside of New Brunswick, the provinces equivalent of WorkSafeNB will be acceptable.

.3 Comply with the requirements of Workplace Hazardous Materials Information System (WHMIS) regarding use, handling, storage and disposal of hazardous materials; and labelling and provision of Material Safety Data Sheets acceptable to Human Resources and Skills Development Canada and Health Canada.

.4 Work to meet or exceed requirements of specified standards, codes and referenced documents. In event of conflict between any provisions of above authorities, the most stringent provision will apply.

1.10 Quantities and Basis of Payment

.1 The Contractor will submit prices for the following in accordance with the Specification (See Annex B). Such prices will include expenses, profit, sample bottles, filters, labels, ice packs, cooler, required preservatives, disposal of samples and transportation cost from A-13 (Water Treatment Plant) and N-05 (Sewage Treatment Plant)to the laboratory:

.1 Unit price per water sample for total Coliforms including E. Coli, **(730 samples)** ;

.2 Unit price for an Emergency Water Sample for Total Coliforms including E. Coli -Emergency Testing, **(10 samples)** ;

.3 Unit price per water sample for Heterotrophic Plate Count (HPC),**(60 samples)** ;

.4 Unit price per water sample for Pseudomonas, **(120 samples)** ;

.5 Unit price per water sample for Organic Parameters,**(20 samples)** ;

.6 Unit price per water sample for Inorganic Parameters, **(24 samples)** ;

.7 Unit price per water sample for General Chemistry, **(10 samples)** ;

.8 Unit price per water sample for Zinc, Iron and Phosphate, **(52 samples)** . **Also supply and measure nine corrosion coupons (carbon, steel, lead and copper) on semi annual basis and provide a written report complete with recommendations for all findings.**

.9 Unit price per sample for storm water for Benzene, Toluene, Ethylbenzene and Xylene (BTEX), **(15 samples)** ;

.10 Unit price per sample for storm water for total Petroleum Hydrocarbons (TPH), **(15 samples)** ;

.11 Unit price per sewage water sample for Total Suspended Solids (TSS) on any type of liquid, **(15 samples)** ;

.12 Unit price per sample of storm water for General Chemistry, **(36 samples)** ;

.13 Unit price per sample of storm water for Metals,**(36 samples)** ;

.14 Unit price per sewage water sample for

Digester Nutrient, **(10 samples)** ;
.15 Unit price per sewage water sample for Digester Metals, **(10 samples)** ;
.16 Unit price per sewage water sample for Fecal Coliforms, **(5 samples)** ;
.17 Unit price per sewage water sample for Benzene, Toluene, Ethylbenzene and Xylene (BTEX), **(15 samples)** ;
.18 Unit price per sewage sample for Biological Oxygen Demand (BOD), **(16 samples)** ;
.19 Unit price per sewage sample for Suspended Substance (SS), **(16 samples)** ;
.20 Unit price per sewage sample for Total Kieidahl Nitrogen (TKN); **(16 samples)** ;
.21 Unit price per sewage water sample for Total Phosphorous (TP) **(16 samples)** ;
.22 Unit price per sewage water sample Ammonia (NH), **(16 samples)** ;
.23 Unit price per sewage water sample for Total Suspended Solids (TSS) on any type of liquid, **(1 sample)** ;
.24 Unit price per sewage water sample for Total Petroleum Hydrocarbons (TPH), **(1 sample)** ;
.25 Unit price per sewage water sample for Metals on any type of liquid,**(1 sample)** ;
.26 Unit price per sample of Glycol on any type of liquid, **(1 sample)** ;
.27 Unit price per sewage water sample of Phenols in water, **(1 sample)** ;
.28 Unit price per sewage water sample of Chemical Oxygen Demand (COD) in water, **(10 samples** ;
.29 Unit price for Metals in a solid sewage sludge, **(2 samples)** ;
.30 Unit price for Mercury in a liquid or solid sewage sludge, **(2 samples)** ;
.31 Unit price per water sample for Trihalomethanes (THM), **(10 samples)** ;
.32 Unit price for Karl Fisher Water Test, **(100 samples);**
.33 Unit price for ISO Cleanliness test, **(100 samples)** ;
.34 Daily Cost of Pick-Up Service (Monday, Wednesday and Friday), **(Estimated Quantity 156)** ; **and**

.35 Aquatic Toxicity Analysis - Rainbow Trout pH Stabilization Test - EPS 1/RM/50 Min 160 L, **(Estimated Quantity 12 Tests)** .

.2 The quantities listed are the minimum number of samples to be tested in one (1) year and may increase depending on test results and each facilities' requirements

1.11 Invoices

.1 At the end of each month, the original and one copy of the invoice covering all charges for each Chain of Custody and individual testing and analysis will be mailed to the Engineer at the mailing address in 1.4.1.

.2 Invoices will detail location of sample, date of sample, description of analysis performed, the work order, contract and requisition numbers as given on the request for service letter sent to the contractor at the beginning of each month by the Engineer or his representative.

.3 Copies of the Chains of Custody will accompany the the invoice when mailed to the Engineer.

1.12 Contractor Passes

.1 All Contractor employees will have in their possession at all times while on the Base an authorized Contractor Pass while employed on DND property. Such passes will be produced on demand to the Military Police, Commissionaires, Security Guards and persons in authority.

.2 The Contractor will complete an application form for contractor passes for each individual. The Contractor will accompany the employee to the Military Police Identification Section building F-19 for the issuance of pass.

.3 Photocopies of passes are to be provided to the Engineer.

.4 The Contractor will ensure Contractor passes are recovered from employees who cease to be employed on DND property. Such passes shall be returned to the Military

Police Identification Section by the Contractor.

1.13 Security Clearance

.1 The Contractor shall maintain an up-to-date roster of all employees involved in this contract including managers, supervisors, tradespersons, drivers and labourers. This roster must be made available to the Engineer upon request.

.2 The Contractor shall provide proof of the information contained within the roster to the Engineer upon request. The Engineer reserves the right to have removed from the site those personnel who do not meet security requirements as laid down by the Military Police Section.

Annex B
National Defence
Job#L-G2-9900/1613
CFB Gagetown, NB

Annex "B"
Basis of Payment - Revised February 24, 2014

Potable Water						
Item	Description	Qty	Unit Price Year 1	Unit Price Year 2	Unit Price Year 3	Total
1	Unit Price per Water Sample for Total Coliforms including E.Coli	730				
2	Unit Price per Water Sample for Total Coliforms including E.Coli - Emergency Testings	10				
3	Unit Price per Water Sample for Heterotrophic Plate Count (HPC)	60				
4	Unit price per Water Sample for Pseudomonas	120				
5	Unit Price per Water Sample for Organic Parameters	20				
6	Unit Price per Water Sample for Inorganic Parameters	24				
7	Unit Price per Water Sample for General Chemistry	10				
8	Unit price per water sample for Zinc, Iron and Phosphate. Also supply and measure nine corrosion coupons (carbon, steel, lead and copper) on semi annual basis and provide a written report complete with recommendations for all findings.	52				

Storm Water						
Item	Description	Qty	Unit Price Year 1	Unit Price Year 2	Unit Price Year 3	Total
9	Unit Price per Sample for Storm Water for Benzene Toluene, Ethylbenzene and Xylene (BTEX)	15				
10	Unit Price per Sample for Storm Water For Total Petroleum Hydrocarbons (TPH)	15				
11	Unit Price per Sewage Water Sample for Total Suspended Solids (TSS) on any type of liquid	15				
12	Unit Price per Sample of Storm Water for General Chemistry	36				
13	Unit Price per Sample of Storm Water for Metals	36				

Annex "B"
Basis of Payment - Revised February 24, 2014

Sewage Water						
Item	Description	Qty	Unit Price Year 1	Unit Price Year 2	Unit Price Year 3	Total
14	Unit Price per Sewage Water Sample for Digestor Nutrient	10				
15	Unit Price per Sewage Water Sample for Digestor Metals	10				
16	Unit Price per Sewage Water Sample for Fecal Coliforms	5				
17	Unit Price per Sewage Sample for Benzene Toluene Ethylbenzene and Xylene (BTEX)	15				
18	Unit Price per Sewage Water Sample for Biological Oxygen Demand (BOD_5)	16				
19	Unit Price per Sewage Water Sample for Suspended Substance (SS)	16				
20	Unit Price per Sewage Water Sample for Total Kjeidahl Nitrogen (TKN)	16				
21	Unit Price per Sewage Water Sample for Total Phosphorus (TP)	16				
22	Unit Price per Sewage Water Sample Ammonia (NH_3)	16				
23	Unit Price per Sewage Water Sample for Total Suspended Solids (TSS) on any type of liquid	1				
24	Unit Price per Sewage Water Sample for Total Petroleum Hydrocarbons (TPH)	1				
25	Unit Price per Sewage Water Sample for Metals on any type of Liquid	1				
26	Unit Price per Sample of Glycol on any type of liquid	1				
27	Unit Price per Sewage Water Sample for Phenols in Water	1				
28	Unit Price per Sewage Water Sample for Chemical Oxygen Demand (COD) in Water	10				
29	Unit Price for Metals in a Solid Sewage Sludge	2				
30	Unit Price for Mercury in a liquid or Solid Sewage Sludge	2				
31	Unit price per water sample for Trihalomethanes (THM)	10				

Annex "B"
Basis of Payment - Revised February 24, 2014

Fuel Tank Testing						
32	Unit price for Karl Fisher Water Test	100				
33	Unit price for ISO Cleanliness Test	100				

Item	Description	Estimated Quantity	Daily Cost Year 1	Daily Cost Year 2	Daily Cost Year 3	Total
	Daily Pick-Up Service (Monday, Wednesday, Friday)					
34	Daily Cost of Pick-Up Services	156				

Item	Description	Estimated Quantity	Daily Cost Year 1	Daily Cost Year 2	Daily Cost Year 3	Total
35	Unit Price For Rainbow Trout pH Stabilization Test - EPS 1/RM50 Min 160 L	12				