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RETOURNER LES SOUMISSIONS À:

Travaux publics et Services gouvernementaux

Canada

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NA

Québec

NA

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

TPSGC-PWGSC
601-1550, Avenue d'Estimauville
Québec
Québec
G1J 0C7

Title - Sujet RISO- Rehab of contaminated sites RISO-Rehabilitation of contaminated sites	
Solicitation No. - N° de l'invitation EF928-212100/A	Date 2022-02-18
Client Reference No. - N° de référence du client EF928-212100	Amendment No. - N° modif. 004
File No. - N° de dossier QCM-0-43197 (034)	CCC No./N° CCC - FMS No./N° VME
GETS Reference No. - N° de référence de SEAG PW-\$QCM-034-18270	
Date of Original Request for Standing Offer Date de la demande de l'offre à commandes originale 2022-01-14	
Solicitation Closes - L'invitation prend fin at - à 02:00 PM Eastern Standard Time EST on - le 2022-03-02 Heure Normale du l'Est HNE	
Address Enquiries to: - Adresser toutes questions à: Kirouac, Jennifer	Buyer Id - Id de l'acheteur qcm034
Telephone No. - N° de téléphone (418) 953-4110 ()	FAX No. - N° de FAX () -
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	Yes - Oui	No - Non
Accusé de réception requis	<input type="checkbox"/>	<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		

AMENDMENT 004

Title: RISO – REHABILITATION OF CONTAMINATED SITES

Included in the present amendment:

1. Extension of closing date
2. Questions and answers 11 to 23
3. Modification 1

1. EXTENSION OF CLOSING DATE

Please note that the solicitation date has been delayed to March 2nd, 2022 at 2:00PM

2. QUESTIONS AND ANSWERS 11 to 23

11 (FR)	Au bordereau, pouvez-vous confirmer que les analyses en potentiel acidogène (statique et cinétique) sur l'eau souterraine sont demandées?	Les analyses en potentiel acidogène (statique et cinétique) ne sont pas demandées sur l'eau souterraine. La mention « n.a. » aurait dû apparaître à la colonne « Eau » pour ces 2 analyses.
11 (EN)	On the Price Schedule, can you confirm that the acidogenic potential (static and kinetic) on groundwater are requested?	Acidogenic potential analysis (static and kinetic) are not required on groundwater. The mention "N/A" should have appeared in the "Water" column for these 2 analysis.
12 (FR)	Surcharges applicables pour les délais urgents : est-ce possible de modifier ces surcharges indiquées au devis puisque ces dernières ne représentent plus les surcharges usuelles des laboratoires lesquelles sont maintenant 8h (200 %), 24h (100%), 48h (50%) et 72h (25 %) ?	Les surcharges qui seront appliquées pour les analyses en délais rapides ont été modifiées tel quel : Délai de 8 h : 200 % Délai de 24 h : 100 % Délai de 48 h : 50 % Délai de 72 h : 25 % Le tableaux 2-1, 2-2, 2-3 et 2-4 ont été modifiés pour refléter ces changements.
12 (EN)	Surcharges applicable for urgent deadlines : is it possible to modify the surcharges indicated in	The surcharges that will be applied for urgent deadlines have been changed as is :

	the Chemical analysis tables since they no longer represent the usual surcharges for laboratories which are now 8h (200%), 24h (100%), 48h (50%) and 72h (25%)?	8 hour delay : 200% 24 hour delay : 100% 48 hour delay : 50% 72 hour delay : 25% Tables 2-1, 2-2, 2-3 and 2-4 have been modified to reflect these changes.
13 (FR)	SPFO et SPFA : quelle liste de composés est souhaitée pour chacun des items (p.e. 22, 28 ou 32 composés) ? Est-ce que la limite de détection régulière de cette méthode est suffisante ?	Le groupe de 22 composés est demandé. La limite de détection régulière est adéquate.
13 (EN)	PFOS and PFAS : Which list of compounds is desired for each of the items (e.g. 22, 28 or 32 compounds)? Is the regular detection limit of this method adequate?	The group of 22 compounds is requested. The regular detection limit is adequate.
14 (FR)	Les analyses suivantes sont demandées dans la matrice eau, mais ne sont pas disponibles ou possibles dans cette matrice : Soufre, TDPAS statique, TDPAS cinétique, Lixiviation CTEU-9, Lixiviation SPLP-1312. Comment l'indiquer au bordereau ? Pouvons-nous ajouter n.a dans les tableaux ?	Les tableaux 2-1, 2-2, 2-3 et 2-4 ont été modifiés.
14 (EN)	The following analysis are requested in the water matrix, but are not available or possible in this matrix : Sulfur, acidogenic potential (static and kinetic), leaching CTEU-9, leaching SPLP-1312. How should we indicated it in the Chemical Analysis Tables? Can we add "N/A" in the tables?	Tables 2-1, 2-2, 2-3 and 2-4 have been modified.
15 (FR)	Concernant la précision reçue à l'addenda 2, question 2a, relativement à la méthode d'analyse pour la granulométrie et la sédimentométrie, est-ce que la méthode d'analyse BNQ 2501-025 est acceptable?	Oui.
15 (EN)	Regarding the clarification received in addendum 2, question 2a, regarding the analysis method for granulometry and sedimentometry, is the BNQ 2501-025 method acceptable?	Yes.
16 (FR)	Concernant les analyses de fractionnement des : HCP F1 à F4 (CCME), HCP F1 à F4G (CCME) et HCP F1 et F2, est-ce que les analyses requièrent l'inclusion des BTEX?	Oui.

16 (EN)	Regarding the PHC Fractionation : PHC F1 to F4 (CCME), PHC F1 to F4G (CCME) and PHC F1 and F2, do the analysis require the inclusion of BTEX?	Yes it does.
17 (FR)	Concernant les analyses de fractionnement des HCP F1 et F2, la fraction F2 ne peut être exprimée seule. Le résultat peut être rapporté seulement en F1 seul et en F2 à F4. Est-ce acceptable?	La ligne « Fractionnement HCP F1 F2 » a été retirée des tableaux 2-1 à 2-4.
17 (EN)	Regarding the PHC Fractionation F1 and F2, the F2 fraction cannot be expressed alone. The result can be reported only in F1 alone and in F2 to F4. Is this acceptable?	“PHC Fractionation F1 and F2” line have been removed from the tables 2-1 to 2-4.
18 (FR)	Concernant l’analyse des polyfluoroalkyliques (SPFA), est-ce que cette analyse fait référence seulement aux composés perfluorés ou elle doit inclure également les substances dites précurseurs? Pour inclure les précurseurs, le laboratoire doit oxyder les substances polyfluoroalkyliques afin de mesurer par la suite les substances perfluorées. Pouvez-vous préciser la méthode svp?	Voir réponse à la question 13. Méthode : EPA 537 M.
18 (EN)	Regarding the analysis of polyfluoroalkyls (PFAS), does this analysis refer only to perfluorinated compounds or must it also include so-called precursor substances? To include precursors, the laboratory must oxidize polyfluoroalkyl substances in order to subsequently measure perfluorinated substances. Can you specify the method please?	See answer to question 13. EPA 537 M Method.
19 (FR)	Concernant l’analyse des phtalates, la précision reçue à l’addenda 2, question 2c, indique que les composés des phtalates sont ceux de la méthode MA 400-COSV. Est-ce que la méthode d’analyse EPA 625 serait acceptable?	Oui.
19 (EN)	Regarding the analysis of phthalates, the clarification provided in addendum 2, question 2c, indicates that the phthalates compounds are those of the MA 400 COSV method, Would EPA 625 method be acceptable?	Yes.
20 (FR)	Concernant l’analyse du potentiel acidogène statique et le potentiel acidogène dynamique, ces analyses ne peuvent être réalisées sur une matrice liquide. Pouvez-vous svp modifier les tableaux d’analyse pour ajouter la mention	Voir réponses aux questions 11 et 14.

	« n.a. » pour ces 2 analyses dans la colonne Eau?	
20 (EN)	Regarding the analysis of acidogenic potential (static and kinetic), it cannot be carried out on a liquid matrix. Can you please modify the Chemical analysis tables to add the mention "N/A" for these 2 analysis in the Water column?	See answers to questions 11 and 14.
21 (FR)	Les analyses des cyanures disponibles et des cyanures totaux sont 2 analyses distinctes. Voulez-vous toujours les 2 analyses ensemble? Autrement, pouvez-vous faire 2 lignes au bordereau pour les distinguer svp?	Les tableaux 2-1 à 2-4 ont été modifiés. Les analyses de cyanures sont désormais sur 2 lignes distinctes.
21 (EN)	The available and total cyanides analysis are 2 separate analysis. Do you always want both analysis together? Otherwise, can you split these analysis on 2 different lines?	Tables 2-1 to 2-4 have been modified. Cyanide analysis are now on 2 separate lines.
22 (FR)	Les analyses de lixiviation à l'eau (CTEA 9) et lixiviation pour simuler les pluies acides (SPLP, EPA 1312) ne peuvent être réalisées sur une matrice liquide. Pouvez-vous svp modifier les tableaux d'analyse pour ajouter la mention « n.a. » pour ces 2 analyses dans la colonne Eau?	Voir réponse à la question 14. Les tableaux 2-1 à 2-4 ont été modifiés.
22 (EN)	Water leaching (CTEU 9) and leaching to simulate acid rain (SPLP, EPA 1312) cannot be performed on a liquid matrix. Can you please modify the Chemical Analysis tables to add the mention "N/A" for these 2 analysis in the Water column?	See answer to question 14. Tables 2-1 to 2-4 have been modified.
23 (FR)	Concernant l'analyse de la conductivité hydraulique, est-ce que la méthode ASTM D-2434 est acceptée?	Oui.
23 (EN)	Regarding hydraulic conductivity analysis, is the ASTM D-2434 method accepted?	Yes.

3. MODIFICATION 1

BASIS OF PAYMENT:

N° de l'invitation – Sollicitation No.
EF928-212100/A

N° de la modif – Amd. No.
004

Id de l'acheteur – Buyer ID
QCM034

N° de réf. du client – Client Ref. No.
EF928-212100

N° du dossier – File No.
QCM-0-43197

N° CCC / CCC No./ N° VME – FMS

DELETE : Annex B – Basis of payment

INSERT: Annex B – Basis of payment below

ALL OTHER TERMS AND CONDITIONS REMAIN UNCHANGED

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ANNEX "B"
BASIS OF PAYMENT

BASIS OF PAYMENT

INSTRUCTIONS FOR FINANCIAL OFFER AND PRICING

General Instructions

1. The Bidder must complete the Price Offer Form and submit it under separate cover, indicating on the envelope the Bidder's name, the subject of the Request for Standing Offer, the PWGSC solicitation number and the words "Price Offer Form."
2. Price offers must not include GST/HST and will be evaluated in Canadian dollars.
3. Bidders must not modify the form or add any information that is not requested.
4. In the event of a mathematical error in carrying over the totals, PWGSC will correct the totals to ensure fairness among the proposals.
5. At the request of the Standing Offer Authority during the life of the Standing Offer, the Bidder shall calculate and submit the various estimates for the project based on the fixed hourly rates (before taxes) shown below.

PART 1: Fees and Chemical Analysis Services Category

Fees (Tables 1-1, 1-2, 1-3 and 1-4)

6. In order to ensure that fair and competitive hourly rates are received for each position listed in Tables 1-1 to 1-4, the Bidder **MUST** provide an hourly rate for each position listed. This rate will be used for the period in effect and cannot be changed. The hourly rates in Table 1-1 will be applicable for the first two years of the Standing Offer, the rates in Table 1-2 will be applicable in the first option year of the Standing Offer, the rates in Table 1-3 will be applicable in the second option year of the Standing Offer, and the rates in Table 1-4 will be applicable in the third option year of the Standing Offer. For every call-up, PWGSC reserves the right to determine the category (or categories) of the personnel required to execute the work.
7. The Bidder shall provide a single fixed hourly rate for each of the Bidder's employee categories or each of the employee categories of each subcontractor and specialist for the duration of the Standing Offer, including option periods.
8. The single fixed hourly rate identified for each of the Bidder's employee categories or each employee of

the subconsultants shall be the rate paid for the performance of such services for the corresponding year of the Standing Offer, regardless of whether the services are performed by the Bidder, the identified subconsultant or the back-up subconsultant.

Travel and living expenses: Bidders are advised that travel and related expenses are to be calculated as an integral part of the hourly rates for all travel within a 50-km radius of 1550 D'Estimauville Avenue in Québec City, Place Bonaventure (800 De la Gauchetière Street West, Montréal) or the head office of the Bidder or its branches. For services delivered outside this 50-km radius, travel expenses will be determined in accordance with current Treasury Board Policy (<https://www.njc-cnm.gc.ca/directive/d10/en>).

9. The Bidder must indicate the fixed hourly rate for each position category in Tables 1-1, 1-2, 1-3 and 1-4 and then multiply the hourly rate by the multiplication factor indicated in the corresponding line. The Bidder must then add up the adjusted rates and indicate the total on lines 1-1, 1-2, 1-3 and 1-4.

10. All fees will be covered by the rates indicated in Tables 1-1, 1-2, 1-3 and 1-4. Hourly rates include but are not limited to:

Appraisals, design, monitoring, inspection, performance of work, interpretation of sample analyses, project management, and drafting of preliminary and final reports.

11. For each of the call-ups against the Standing Offer, the Bidder undertakes to:

- only make use of people with the skills appropriate to each task, as defined in the section entitled "Required Services" (Annex A);
- calculate rates in proportion to the actual number of hours worked, in cases where the work performed using the hourly fee method demands less than one hour of time;
- provide a complete list of the names of the people, including any subcontractors, assigned to a project resulting from a call-up.

Services: Chemical analyses (Tables 2-1, 2-2, 2-3 and 2-4)

13. The Bidder must provide the unit cost for each of the categories of analyses indicated in Tables 2-1, 2-2, 2-3 and 2-4. The Bidder must then add them up and indicate the subtotals on the appropriate line. The Bidder must then multiply the subtotals by the weighting factor indicated in the tables and then enter the total on lines 2-1, 2-2, 2-3 and 2-4. These amounts will be used for the chemical analysis evaluation.

14. The amounts indicated in Tables 2-1, 2-2, 2-3 and 2-4 must be based on the normal wait time of 5 days for chemical analysis results.

15. Prices entered in Table 2-1 are those that are applicable during the first two years of the Standing Offer;

prices entered in Table 2-2 are those that are applicable during the first option year of the Standing Offer; prices entered in Table 2-3 are those that are applicable during the second option year of the Standing Offer; and prices entered in Table 2-4 are those that are applicable during the third option year of the Standing Offer.

16. For the purposes of this evaluation, unit costs are to be provided for all of the analyses indicated below. All of the unit costs submitted by the Bidder will become benchmark rates for the corresponding year of the Standing Offer whenever call-ups are issued.
17. Please note that the costs to be provided are unit costs. Any discounts granted by the laboratories for a group of samples (economies of scale) will not be considered when evaluating the financial offer. The prices indicated in Tables 2-1 and 2-2 must include sample containers and preservatives, as well as laboratory charges, quality control charges, the issuance of certificates of analysis, costs of disposition of the sample and any other direct or indirect costs, including labour, administration and profits.
18. The detection limits for the chemical analyses must be less than or equal to the strictest federal and provincial requirements.

Cost summary (Table 3)

19. The Bidder must add up the amounts entered on lines 1-1, 1-2, 1-3 and 1-4 of Tables 1-1, 1-2, 1-3 and 1-4, then enter the total on the line for fees in Table 3. Similarly, the Bidder must add up the amounts entered on lines 2-1, 2-2, 2-3 and 2-4 of Tables 2-1, 2-2, 2-3 and 2-4 and then enter the total on the line for services. The amounts entered must be multiplied by the weighting factor on the corresponding line. The Bidder must then add up the adjusted rates and enter the total on the corresponding line of Table 3. This total will be used to evaluate the financial offers.

PART 2: Category of Disbursements

20. Called "disbursements", all of the costs not included in PART 1 will be based on:

the actual cost plus 10%

21. Disbursements refer to, but are not limited to, the following:

machinery, transportation and disposal of soil, water, sludge, sediments, residual materials, fill, trucks, drilling, dredging, equipment and materials.

22. Disbursements must be approved by the Departmental Representative and corroborated by means of

appropriate, detailed and itemized supporting documents such as invoices for machinery containing hourly rates as well as the number of operating hours, weight tickets including rates, detailed invoices for the purchase or rental of equipment or materials, detailed invoices from subcontractors, etc.

23. Any other direct expenses must have the prior authorization of the PWGSC representative. All payments are subject to government audit.

Table 1-1: Category of Fees – Applicable Rates for the First Two Years

Description of Positions	Hourly Rate (\$ per hour)	Multiplication Factor for Evaluation Purposes	Total Price
Senior project manager or director (>10 years of experience)		40	
Project manager or intermediate professional (3 to 10 years of experience)		100	
Junior professional (0 to 2 years of experience)		100	
Administrative staff or assistant		40	
Draftsperson		50	
Foreman		80	
Senior technician (>10 years of experience)		80	
Intermediate technician (3 to 10 years of experience)		150	
Junior technician (0 to 2 years of experience)		150	
Day labourer		150	
<u>1-1</u> TOTAL FEES:			\$

Table 1-2: Category of Fees – Applicable Rates for the First Option Year

Description of Positions	Hourly Rate (\$ per hour)	Multiplication Factor for Evaluation Purposes	Total Price
Senior project manager or director (>10 years of experience)		20	
Project manager or intermediate professional (3 to 10 years of experience)		50	

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Junior professional (0 to 2 years of experience)		50	
Administrative staff or assistant		20	
Draftsperson		25	
Foreman		40	
Senior technician (>10 years of experience)		40	
Intermediate technician (3 to 10 years of experience)		75	
Junior technician (0 to 2 years of experience)		75	
Day labourer		75	
<u>1-2</u> TOTAL FEES:			\$

Table 1-3: Category of Fees – Applicable Rates for the Second Option Year

Description of Positions	Hourly Rate (\$ per hour)	Multiplication Factor for Evaluation Purposes	Total Price
Senior project manager or director (>10 years of experience)		20	
Project manager or intermediate professional (3 to 10 years of experience)		50	
Junior professional (0 to 2 years of experience)		50	
Administrative staff or assistant		20	
Draftsperson		25	
Foreman		40	
Senior technician (>10 years of experience)		40	
Intermediate technician (3 to 10 years of experience)		75	
Junior technician (0 to 2 years of experience)		75	
Day labourer		75	
<u>1-3</u> TOTAL FEES:			\$

Table 1-4: Category of Fees – Applicable Rates for the Third Option Year

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Description of Positions	Hourly Rate (\$ per hour)	Multiplication Factor for Evaluation Purposes	Total Price
Senior project manager or director (>10 years of experience)		20	
Project manager or intermediate professional (3 to 10 years of experience)		50	
Junior professional (0 to 2 years of experience)		50	
Administrative staff or assistant		20	
Draftsperson		25	
Foreman		40	
Senior technician (>10 years of experience)		40	
Intermediate technician (3 to 10 years of experience)		75	
Junior technician (0 to 2 years of experience)		75	
Day labourer		75	
<u>1-4</u> TOTAL FEES:			\$

**Table 2-1: Category of Services: Chemical Analyses
Rates for the First Two Years**

Parameters	Unit Cost, Normal Wait Time (5 Days) (\$)		
	Soil/ Sediments	Water	Residual Materials
Granulometry		N/A	
Sedimentation analysis		N/A	
Total oils and greases (gravimetric analysis)			N/A
PH C ₁₀ -C ₅₀			
PHC Fractionation F1 to F4 (CCME)		N/A	N/A
PHC Fractionation F1 to F4G (CCME)		N/A	N/A
PAHs			
MAHs			N/A
VOCs			
Sampling materials for volatile analysis*		N/A	N/A
Phenols (GC-MS)			
Phenols (colorimetry)			N/A
PCBs (congeners)			
PCBs (aroclor)			
Pesticides			N/A
Dioxins and furans			
Total organic carbon			N/A
Metals (Cd, Cr, Cu, Ni, Pb and Zn)			N/A
Metals (Ag, As, Ba, Cd, Co, Cr, Cu, Sn, Mn, Mo, Ni, Pb, Se, Zn)		N/A	N/A
Metals (As, Ba, B, Cd, Cr, Hg, Pb, Se, U)	N/A	N/A	
Metals (Al, Sb, Ag, As, Ba, B, Cd, Cr, Co, Cu, Mn, Mo, Ni, Na, Zn, Se, Pb)	N/A		N/A
Metals (Hg)			N/A
Metals (Chromium VI)			N/A
Perfluorooctane sulfonate (PFOS)			N/A
Sulphur		N/A	N/A
Polyfluoroalkyl substances (PFAS)			N/A
Phthalates			N/A
Bromide			N/A
Ethylene glycol			N/A
Asbestos		N/A	N/A
Tebuthiuron			N/A
BTEX			N/A
Sodium	N/A		N/A
Acid generating potential static		N/A	N/A
Acid generating potential kinetic		N/A	N/A
pH			
Chlorides (Cl ⁻)	N/A		N/A
Total cyanides (CN ⁻)			
Available cyanides (CN ⁻)			N/A

Total fluorides			
Nitrate (N-NO ₃ ⁻)	N/A		N/A
Nitrite (N-NO ₂ ⁻)	N/A		
Nitrate + nitrite			
Total phosphorus (P-PO ₄ ⁻³)	N/A		N/A
Sulphides (H ₂ S)	N/A		N/A
Formaldehyde			N/A
Total coliform bacteria	N/A		N/A
Escherichia coli bacteria (E.coli)	N/A		N/A
Atypical colonies	N/A		N/A
TCLP leaching and analysis according to HMR	N/A	N/A	
Water leaching (CTEU 9)		N/A	
Leaching to simulate acid rain (SPLP, EPA 1312)		N/A	
Hydraulic conductivity		N/A	N/A
(A) Subtotals			
(B) Weighting factor	10%	10%	10%
(A X B) Weighted subtotals			
<u>2.1</u> TOTAL			
Soil/Sediments + Water + Residual Materials			

Surcharge – Urgency:	8h Wait Time	24h Wait Time	48h Wait Time	72h Wait Time
	200%	100%	50%	25%

Note

N/A: Not applicable

*This item must include all sampling materials required (syringe, vial, methanol, capsule, etc.) for volatile analysis but must exclude the cost of the chemical analysis.

**Table 2-2: Category of Services: Chemical Analyses
Rates for the First Option Year**

Parameters	Unit Cost, Normal Wait Time (5 Days) (\$)		
	Soil/ Sediments	Water	Residual Materials
Granulometry		N/A	
Sedimentation analysis		N/A	
Total oils and greases (gravimetric analysis)			N/A
PH C ₁₀ -C ₅₀			
PHC Fractionation F1 to F4 (CCME)		N/A	N/A
PHC Fractionation F1 to F4G (CCME)		N/A	N/A
PAHs			
MAHs			N/A
VOCs			
Sampling materials for volatile analysis*		N/A	N/A
Phenols (GC-MS)			
Phenols (colorimetry)			N/A
PCBs (congeners)			
PCBs (aroclor)			
Pesticides			N/A
Dioxins and furans			
Total organic carbon			N/A
Metals (Cd, Cr, Cu, Ni, Pb and Zn)			N/A
Metals (Ag, As, Ba, Cd, Co, Cr, Cu, Sn, Mn, Mo, Ni, Pb, Se, Zn)		N/A	N/A
Metals (As, Ba, B, Cd, Cr, Hg, Pb, Se, U)	N/A	N/A	
Metals (Al, Sb, Ag, As, Ba, B, Cd, Cr, Co, Cu, Mn, Mo, Ni, Na, Zn, Se, Pb)	N/A		N/A
Metals (Hg)			N/A
Metals (Chromium VI)			N/A
Perfluorooctane sulfonate (PFOS)			N/A
Sulphur		N/A	N/A
Polyfluoroalkyl substances (PFAS)			N/A
Phthalates			N/A
Bromide			N/A
Ethylene glycol			N/A
Asbestos		N/A	N/A
Tebuthiuron			N/A
BTEX			N/A
Sodium	N/A		N/A
Acid generating potential static		N/A	N/A
Acid generating potential kinetic		N/A	N/A
pH			
Chlorides (Cl)	N/A		N/A
Total cyanides (CN)			

Available cyanides (CN ⁻)			N/A
Total fluorides			
Nitrate (N-NO ₃ ⁻)	N/A		N/A
Nitrite (N-NO ₂ ⁻)	N/A		
Nitrate + nitrite			
Total phosphorus (P-PO ₄ ⁻³)	N/A		N/A
Sulphides (H ₂ S)	N/A		N/A
Formaldehyde			N/A
Total coliform bacteria	N/A		N/A
Escherichia coli bacteria (E.coli)	N/A		N/A
Atypical colonies	N/A		N/A
TCLP leaching and analysis according to HMR	N/A	N/A	
Water leaching (CTEU 9)		N/A	
Leaching to simulate acid rain (SPLP, EPA 1312)		N/A	
Hydraulic conductivity		N/A	N/A
(A) Subtotals			
(B) Weighting factor	10%	10%	10%
(A X B) Weighted subtotals			
<u>2.2</u> TOTAL			
Soil/Sediments + Water + Residual Materials			

Surcharge – Urgency:	8h Wait Time	24h Wait Time	48h Wait Time	72h Wait Time
	200%	100%	50%	25%

Notes:

N/A: Not applicable

*This item must include all sampling materials required (syringe, vial, methanol, capsule, etc.) for volatile analysis but must exclude the cost of the chemical analysis.

**Table 2-3: Category of Services: Chemical Analyses
Rates for the Second Option Year**

Parameters	Unit Cost, Normal Wait Time (5 Days) (\$)		
	Soil/ Sediments	Water	Residual Materials
Granulometry		N/A	
Sedimentation analysis		N/A	
Total oils and greases (gravimetric analysis)			N/A
PH C ₁₀ -C ₅₀			
PHC Fractionation F1 to F4 (CCME)		N/A	N/A
PHC Fractionation F1 to F4G (CCME)		N/A	N/A
PAHs			
MAHs			N/A
VOCs			
Sampling materials for volatile analysis*		N/A	N/A
Phenols (GC-MS)			
Phenols (colorimetry)			N/A
PCBs (congeners)			
PCBs (aroclor)			
Pesticides			N/A
Dioxins and furans			
Total organic carbon			N/A
Metals (Cd, Cr, Cu, Ni, Pb and Zn)			N/A
Metals (Ag, As, Ba, Cd, Co, Cr, Cu, Sn, Mn, Mo, Ni, Pb, Se, Zn)		N/A	N/A
Metals (As, Ba, B, Cd, Cr, Hg, Pb, Se, U)	N/A	N/A	
Metals (Al, Sb, Ag, As, Ba, B, Cd, Cr, Co, Cu, Mn, Mo, Ni, Na, Zn, Se, Pb)	N/A		N/A
Metals (Hg)			N/A
Metals (Chromium VI)			N/A
Perfluorooctane sulfonate (PFOS)			N/A
Sulphur		N/A	N/A
Polyfluoroalkyl substances (PFAS)			N/A
Phthalates			N/A
Bromide			N/A
Ethylene glycol			N/A
Asbestos		N/A	N/A
Tebuthiuron			N/A
BTEX			N/A
Sodium	N/A		N/A
Acid generating potential static		N/A	N/A
Acid generating potential kinetic		N/A	N/A
pH			
Chlorides (Cl ⁻)	N/A		N/A
Total cyanides (CN ⁻)			
Available cyanides (CN ⁻)			N/A

Total fluorides			
Nitrate (N-NO ₃ ⁻)	N/A		N/A
Nitrite (N-NO ₂ ⁻)	N/A		
Nitrate + nitrite			
Total phosphorus (P-PO ₄ ⁻³)	N/A		N/A
Sulphides (H ₂ S)	N/A		N/A
Formaldehyde			N/A
Total coliform bacteria	N/A		N/A
Escherichia coli bacteria (E.coli)	N/A		N/A
Atypical colonies	N/A		N/A
TCLP leaching and analysis according to HMR	N/A	N/A	
Water leaching (CTEU 9)		N/A	
Leaching to simulate acid rain (SPLP, EPA 1312)		N/A	
Hydraulic conductivity		N/A	N/A
(A) Subtotals			
(B) Weighting factor	10%	10%	10%
(A X B) Weighted subtotals			
<u>2.3</u> TOTAL			
Soil/Sediments + Water + Residual Materials			

Surcharge – Urgency:	8h Wait Time	24h Wait Time	48h Wait Time	72h Wait Time
	200%	100%	50%	25%

Notes:

N/A: Not applicable

*This item must include all sampling materials required (syringe, vial, methanol, capsule, etc.) for volatile analysis but must exclude the cost of the chemical analysis.

**Table 2-4: Category of Services: Chemical Analyses
Rates for the Third Option Year**

Parameters	Unit Cost, Normal Wait Time (5 Days) (\$)		
	Soil/ Sediments	Water	Residual Materials
Granulometry		N/A	
Sedimentation analysis		N/A	
Total oils and greases (gravimetric analysis)			N/A
PH C ₁₀ -C ₅₀			
PHC Fractionation F1 to F4 (CCME)		N/A	N/A
PHC Fractionation F1 to F4G (CCME)		N/A	N/A
PAHs			
MAHs			N/A
VOCs			
Sampling materials for volatile analysis*		N/A	N/A
Phenols (GC-MS)			
Phenols (colorimetry)			N/A
PCBs (congeners)			
PCBs (aroclor)			
Pesticides			N/A
Dioxins and furans			
Total organic carbon			N/A
Metals (Cd, Cr, Cu, Ni, Pb and Zn)			N/A
Metals (Ag, As, Ba, Cd, Co, Cr, Cu, Sn, Mn, Mo, Ni, Pb, Se, Zn)		N/A	N/A
Metals (As, Ba, B, Cd, Cr, Hg, Pb, Se, U)	N/A	N/A	
Metals (Al, Sb, Ag, As, Ba, B, Cd, Cr, Co, Cu, Mn, Mo, Ni, Na, Zn, Se, Pb)	N/A		N/A
Metals (Hg)			N/A
Metals (Chromium VI)			N/A
Perfluorooctane sulfonate (PFOS)			N/A
Sulphur		N/A	N/A
Polyfluoroalkyl substances (PFAS)			N/A
Phthalates			N/A
Bromide			N/A
Ethylene glycol			N/A
Asbestos		N/A	N/A
Tebuthiuron			N/A
BTEX			N/A
Sodium	N/A		N/A
Acid generating potential static		N/A	N/A
Acid generating potential kinetic		N/A	N/A
pH			
Chlorides (Cl ⁻)	N/A		N/A
Total cyanides (CN ⁻)			

Available cyanides (CN ⁻)			N/A
Total fluorides			
Nitrate (N-NO ₃ ⁻)	N/A		N/A
Nitrite (N-NO ₂ ⁻)	N/A		
Nitrate + nitrite			
Total phosphorus (P-PO ₄ ⁻³)	N/A		N/A
Sulphides (H ₂ S)	N/A		N/A
Formaldehyde			N/A
Total coliform bacteria	N/A		N/A
Escherichia coli bacteria (E.coli)	N/A		N/A
Atypical colonies	N/A		N/A
TCLP leaching and analysis according to HMR	N/A	N/A	
Water leaching (CTEU 9)		N/A	
Leaching to simulate acid rain (SPLP, EPA 1312)		N/A	
Hydraulic conductivity		N/A	N/A
(A) Subtotals			
(B) Weighting factor	10%	10%	10%
(A X B) Weighted subtotals			
<u>2.4</u> TOTAL			
Soil/Sediments + Water + Residual Materials			

Surcharge – Urgency:	8h Wait Time	24h Wait Time	48h Wait Time	72h Wait Time
	200%	100%	50%	25%

Notes:

N/A: Not applicable

*This item must include all sampling materials required (syringe, vial, methanol, capsule, etc.) for volatile analysis but must exclude the cost of the chemical analysis.

Table 3: Summary of Costs for Evaluation Purposes

Category	Weighting Factor	Total of Tables 1 and 2	Total
Fees	90%	$(\underline{1-1} + \underline{1-2} + \underline{1-3} + \underline{1-4})$ \$	\$
Services (chemical analyses)	10%	$(\underline{2-1} + \underline{2-2} + \underline{2-3} + \underline{2-4})$ \$	\$
TOTAL FOR EVALUATION PURPOSES	100%	\$	