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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

Vendor/Firm Name and Address
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Issuing Office - Bureau de distribution
Public Works and Government Services Canada
Northern Contaminated Site Program
Canada Place/Place du Canada
10th Floor/10e étage
9700 Jasper Ave/9700 ave Jasper
Edmonton
Alberta
T5J 4C3

Title - Sujet Rayrock Remediation Project Rayrock Remediation Project	
Solicitation No. - N° de l'invitation EW699-220778/B	**Amendment No. - N° modif.** 005
Client Reference No. - N° de référence du client PCC-EW699-220778	**Date** 2021-10-28
GETS Reference No. - N° de référence de SEAG PW-$NCS-003-12159	
File No. - N° de dossier NCS-1-44063 (003)	**CCC No./N° CCC - FMS No./N° VME**

Solicitation Closes - L'invitation prend fin
at - à 02:00 PM Mountain Standard Time MST
on - le 2021-11-09 Heure Normale des Rocheuses HNR

F.O.B. - F.A.B.
Plant-Usine: ☐ **Destination:** ☐ **Other-Autre:** ☐

Address Enquiries to: - Adresser toutes questions à: Bilous, Isabelle	**Buyer Id - Id de l'acheteur** ncs003
Telephone No. - N° de téléphone (780) 782-8714 ( )	**FAX No. - N° de FAX** (418) 566-6167

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Canada

This amendment is raised to modify solicitation EW699-220778/B as follows:

1. <u>Bidders' Conference - Presentation</u>
Refer to attached document.

2. <u>Questions and Answers</u>

Question and Answer 49 follow up:

Locations available for the temporary storage of Contaminated Material include:

1) Locations within the Mill Lake drainage basin (shown on Figure 1 attached). Contaminated Material (including waste rock) stored within this drainage basin does not require the provision of underlying liners or surface water management other than to ensure that all surface water runoff is directed towards Mill Lake and treated prior to discharge. Contaminated Material may be stored on land or placed in Mill Lake for future removal (along with any sediment or underlying clay disturbed by Contaminated Material placement in the lake).

2) Locations outside the Mill Lake drainage basin. If this approach is undertaken, all Contaminated Material must be placed on an impermeable temporary liner, protected from damage and bermed to contain runoff water to the approval of the DR. All surface water runoff is to be collected and treated as process water.

Question 66: It appears to me that there is a lot of lab analysis required for this project but it has very little mention. Is the contractor responsible for this and do they decide what analysis is required?
Answer 66: Refer to Section 01 29 83 Payment Procedures for Testing Laboratory Services. The Contractor is responsible for testing and Quality Control of their own work. The Departmental Representative is responsible for confirmatory testing and Quality Assurance.

Question 67: Can the RFP close date be extended by two weeks?
Answer 67: The RFP close date was extended in Amendment 003.

Question 68: Both Type A and Type B specifications identify that all fines are removed from the material eg- Type A material to be between 300 mm – 50 mm; Type B – 200 mm- 25 mm. Since processing of the material will have naturally occurring smaller material less than 50 mm and 25 mm, will this material have to be washed to achieve this, or would it be acceptable to screen the two types of material at the lower limits eg- 50 mm and 25 mm, and still have smaller levels of the finer material?
Answer 68: Refer to Section 31 05 16 Aggregates for Earthworks, Clause 2.1.
The contractor shall implement a method of processing that meets the specifications. Screening of the aggregate is satisfactory and washing of the aggregate is not required.

Question 69: Rip Rap is referred to in the unit price table, but I did not see any gradation requirements for this material, can you identify where it is in the specification, or provide a gradation requirement for this material?
Answer 69: Refer to Section 31 05 16 Aggregates for Earthworks, Clause 2.1.9, which includes Table 31 05 16-6: Riprap Characteristics

Question 70: Can any of the material adjacent to the CDF be used for onsite road upgrades? In looking at the current roads there appears to be similar material that was used on existing roads.
Answer 70: Contaminated Materials are not permitted to be used for road upgrades. Refer to Section 01 10 00, Clause 1.1.41 for the definition of Contaminated Materials.

Question 71: Please confirm it is the contractor's responsibility to anticipate the risk of the consolidation time of the sediments. (Ref: Specification Section 35 20 24.1 Sediment removal)
Answer 71: The Contractor shall account for a "CDF Consolidation Period" for Contaminated Materials and sediments as part of the Fill Plan section of the CDF Construction Plan (as described in Clause 1.15 of Section 01 11 00 – Summary of Work). The Contractor shall allow for 12 months for the CDF Consolidation Period (settlement and dewatering) following the placement of organic sediments and Contaminated Material

into the CDF. The overlying Type C Granular layer shall not be placed until the CDF Consolidation Period has passed, unless it is authorized in writing by the Departmental Representative (DR). Should the CDF not be ready for closure (as determined by the DR) following the CDF Consolidation Period (due to settlement, moisture content or other concerns), the extended work schedule will be considered as a contract change.

Should the DR determine that the CDF has adequately consolidated ahead of the CDF Consolidation Period of 12 months, based on settlement monitoring provided by the Contractor during the CDF Consolidation Period, construction of the Type C layer and subsequent cover system may be initiated by Contractor following the receipt of a written notification from the DR.

Please refer to associated specification revisions.

Question 72: As per the document "Remedial Action Plan, Kwetᶩᶨʔaà (Rayrock) Remediation Project", a water license can be approved to withdraw water and use it in our camp. In the specifications, it is mentioned we cannot use extracted water as potable water. Please confirm it is possible to use extracted water that meets the water license norms as wash water in our camp. (Ref: Specification Section 01 52 00 Page 2, item 1.4.3.1 and 1.4.4)

Answer 72: Refer to 01 52 00 Construction Facilities Section 1.4 Environmental Requirements. As per Section 01 52 00 Construction Facilities, Clause 1.4.4, the Contractor shall supply bulk potable water to be used as Camp Hygiene Wash Water until such a time as it can demonstrated, by a minimum of two consecutive sets of analytical test results, that the local source meets the Health Canada Guidelines for Canadian Drinking Water Quality. The Type A Water Licence allows for water withdrawal from Sherman Lake for the purposes of camp operations.

Question 73: In Management & Organization criterion 2.2, please confirm that the three similar projects presented must have included (in total across the three projects) at least five of the key personnel described in Section 2.3, including back-up and/or cross-shift personnel.

Answer 73: Correct. The three similar projects presented in response to Criterion 2.2 must include, in total across those three projects, at least five of the key personnel described in Criterion 2.3.

Question 74: In Specification Section 31 23 16.26 Rock Removal, Art. 1.12.3 "Submit the Site Rock Quality Designation prior to the start of rock removal activities," is the contractor responsible for the Rock Quality Designation samples? If so, how does the contractor get paid for this item? How many RQD samples are required?

Answer 74: Requirements for the submission of Rock Quality Designation are removed. Please refer to the associated specification revisions.

Question 75: In Specification Section 31 23 16.26 Rock Removal, Art. 3.3.1.5 "Determine slope support requirements and if required, use rock bolts for slope stability based on an observational approach," please confirm if slope support using rock bolts should be included in our bid. If so, how does the contractor get paid for this item?

We haven't found any geotechnical information of the existing rock to be removed in order to estimate any rock bolting. If rock bolting should be included in our bid, please provide additional information so we can estimate it accordingly.

Answer 75: Rock bolt installation is incidental to the scope of work. Please refer to specification revisions. Please also refer to the 2020 Field Investigation Summary (AECOM, 2021) provided as a supporting document.

Question 76: Can graphics and tables included in the proposal utilize a font size less than 10 pt., as long as it remains legible?

Answer 76: No. Font size is as specified in SI07.

Question 77: Bidders have to select either the North Spur or the South Spur for the Winter Road construction; both have a river to cross. Can we have the largest width and the anticipated flows at the crossing points of the two rivers?

Answer 77: The river crossing widths are provided to bidders in the following supporting document: Kwetᶩıʔaà (Rayrock) Remediation Project 2021 Field Investigation Summary – Winter Road Crossing Imagery. No flow calculations are available.

Question 78: Regarding Specification Section 02 00 00 Winter Road, Item 3.1.2.1.2 Only water and/or snow will be used in the construction of ice bridges. Does that also apply to the crossings at Marian River and Emilie River? Can other types of temporary bridges be used?

Answer 78: Section 02 00 00 Winter Road, Clause 3.1.2.1.2 identifies that "only water and/or snow will be used in the construction of ice bridges." If an ice bridge cannot be constructed for reasons outside the contractor's control, the change of conditions will be addressed via change order.

Question 79: Would it be possible to provide bores holes with the N value of the material in Mill Lake and the surface under the CDF?

Answer 79: No, blow counts were not conducted. Refer to the 2020 and 2021 field investigation reports provided as supporting documents.

Question 80: The Winter Road Specification mentions that the weight limits on the roads shall be decided by the GNWT and the TG. Please clarify what are the weight limits to anticipate on the TWRS 3rd Party Winter Road System for the 2022 to 2025 Winter Road Seasons.

Answer 80: As per Section 02 00 00 Winter Roads, Clause 1.2.2, winter road restrictions, such as weight limits on the roads, shall be decided by the GNWT and TG. It is the responsibility of the contractor to confirm these weight limits. Section 02 00 00 Winter Road, Clause 3.1.2 indicates that winter roads must be designed and constructed to withstand a minimum of 40,000 kilograms (kg) Gross Vehicle Weight or to meet the maximum weight of Contractor's proposed equipment, whichever is greater.

3. <u>ANNEX A – SPECIFICATIONS AND DRAWINGS</u>

DELETE and **REPLACE** the following drawings from SpecificationsandDrawings.zip with the drawings in attachment Amendment005.zip:
C-01, C-35, C-37, C-38

DELETE Appendix A in its entirety and **REPLACE** with Appendix A in Amendment005.zip.

REVISE the following Specification sections as follows:

Section 01 10 00 – Definitions			
Type	**Clause**	**Page**	**Revision(s)**
Insert	1.1.175	13	**CDF Consolidation Period:** A period of no less than 12 consecutive months where the CDF's contents are left to settle, dewater, and consolidate prior to the construction of the cover system. The CDF Consolidation Period starts upon the completion of Contaminated Material placement into the CDF. Overlying cover materials shall not be placed above the CDF's Contaminated Material prior to the completion of the Consolidation Period.

Section 01 11 00 – Summary of Work			
Type	**Clause**	**Page**	**Revision(s)**
Replace	1.3.1.6	1	Other Sites associated with the Rayrock Mine Site and the remediation Work as Specified include the Horn Plateau GS, the TED Satellite Site, the MK Satellite Site, Sun Main, Sun Rose, and Sun East. No work is planned at Sun Rose and Sun East.
Insert	1.3.2.6	2	Horn Plateau GS:
Insert	1.3.2.6.1	2	Located approximately 3.6 km northeast of Rayrock Mine.
Insert	1.3.2.7	2	MK Satellite Site:

Section 01 11 00 – Summary of Work			
Type	**Clause**	**Page**	**Revision(s)**
Insert	1.3.2.7.1	2	Located approximately 3.6 km southwest of Rayrock Mine.
Insert	1.3.2.8	2	TED Satellite Site:
Insert	1.3.2.8.1	2	Located approximately 5.5 km northwest of Rayrock Mine, immediately west of Treasure Lake.
Insert	1.3.4.5	3	Access to Horn Plateau GS, TED and MK satellite sites is restricted to:
Insert	1.3.4.5.1	3	Helicopter Access Only.
Replace	1.5.1.15.1	7	Placement and grading of the Contaminated Materials.
Replace	1.5.1.15.2	7	Suspension of CDF cover construction until the CDF Consolidation Period is completed. Regrading of the Contaminated Material as required.
Insert	1.5.1.15.2.1	7	The duration of the CDF Consolidation Period shall be no less than 12 months. The CDF Consolidation Period shall be measured from the completion of the Contaminated Material placement into the CDF. No overlying materials shall be installed prior to the completion of the CDF Consolidation Period without written approval from the DR.
Insert	1.5.1.15.2.2	7	The DR may determine, based on their interpretation of the Contractor's settlement monitoring submissions, that the required consolidation, dewatering and settlement within the CDF has been completed ahead of the anticipated CDF Consolidation Period. Should the DR determine that the CDF's consolidation is sufficient, the DR shall provide a written notification to the Contractor that the construction of the CDF cover system may commence.
Replace	1.5.1.15.3	7	Placement and grading of Type C granular fills.
Replace	1.5.1.15.4	7	Installation of cover liner geosynthetics including non-woven geotextile, BGM, and geocomposite drainage layers.
Insert	1.5.1.15.5	7	Installation of CDF vents.
Insert	1.5.1.15.6	7	Placement and grading of Type A granular fills.
Replace	1.5.1.16.3	7	Unless otherwise indicated in the Specifications or Drawings, remove all non-hazardous wastes identified at each of the sites, and dispose of them at a facility approved to dispose of the given waste type.
Delete	1.5.1.16.3.1	7	
Replace	1.5.1.18.3	7	Consolidate loose rock from **Contaminated Material** piles WR2 and WR3 and Exploration Workings **BP1 to BP5** into the **WR1 Waste Rock Cover's Contaminated Material layer.**
Replace	1.5.1.19.2	8	Design and construct **an** Engineered Site Protection Slab closure at **the** five exploration workings (BP1, BP2, BP3, **BP4 and BP5**).
Replace	1.5.1.22	8	Removal of impacted soil from Barge Landing and Horn Plateau GS for disposal in the CDF at Rayrock.
Replace	1.5.1.23	8	Collection, handling, shipment, and off-site disposal of non-hazardous and hazardous wastes at Barge Landing, Horn Plateau GS, MK Satellite Site and TED Satellite Site.
Insert	1.15.2.6.13.4	16	Include details such as methods, frequency, and locations of measurement for the settlement monitoring program to be performed during the CDF Consolidation Period.

Section 01 32 16.19 – Construction Progress Schedule - Bar (GANTT) Chart			
Type	**Clause**	**Page**	**Revision(s)**
Insert	1.3.3.50	2	The CDF Consolidation Period , as described in **Section 01 11 00 – Summary of Work**.
Replace	40	2	Remedial works for Barge Landing, Rayrock Powerline, Horn Plateau GS, MK Satellite Site and TED Satellite Site.

Section 01 33 00 – Submittal Procedures			
Type	**Clause**	**Page**	**Revision(s)**
Delete	Table 01 33 00-1	10	31 23 16.26 Rock Removal “Site Rock Quality Designation (RQD)”

Section 01 35 29.14 – Radiation Protection			
Type	**Clause**	**Page**	**Revision(s)**
Replace	1.7.1.1.1	6	High-Risk Radiation Zones (HR-RZ): Areas of known elevated radiation exposure where radiation protection and monitoring measures and/or processes are required to perform the Work. All procedures shall be included in the Contractor’s SSRPP and Final RPSOPs. The Mill Lake sediment remediation area, inclusive of the CDF construction area and the Mill Lake basin, are designated as a HR-RZ. The Sun Main exploration workings (BP1-BP5) and the WR1 Contaminated Material pile, as well as the exploration working (APEC 3-2) at REX, are to be designated as a HR-RZ.

Section 01 52 00 – Construction Facilities			
Type	**Clause**	**Page**	**Revision(s)**
Replace	1.6.1	5	Auxiliary Camp Facilities (AUX Camps) shall be erected at Barge Landing, Sun Main, REX, Horn Plateau GS, MK Satellite Site and TED Satellite Site at the Contractor’s discretion if deemed necessary.

Section 01 71 13 – Mobilization and Demobilization			
Type	**Clause**	**Page**	**Revision(s)**
Replace	1.5.11	3	Include all direct costs for Mobilization and Demobilization of Contractor’s equipment and staff to and from the Horn Plateau GS, MK Satellite Site and TED Satellite, in the lump sum prices for BID ITEM 01 71 13-9, MOBILIZATION AND DEMOBILIZATION – GS, MK and TED as indicated in the Basis of Payment Schedule.The lump sum price shall include all labour, equipment, materials, meals, accommodation, transportation, and any other costs necessary to undertake the Work required.
Insert	1.5.12	3	Except as indicated above, work under this section shall not be measured. Include all costs in Item BOPC-1, Balance of Project Costs in the Basis of Payment Schedule. Indicate cost of the work of this section as a separate line item in the Contract Work Breakdown Structure (CWBS) specified in SECTION 01 32 16.19 - CONSTRUCTION PROGRESS SCHEDULE - BAR (GANTT) CHART.

Section 02 41 23 – Debris Removal			
Type	**Clause**	**Page**	**Revision(s)**
Insert	1.4.1.4.3	2	The Unknown Debris Areas of the Rayrock Powerline, Horn Plateau GS, MK Satellite Site and TED Satellite Site are not shown on the Drawings. The Unknown Debris Areas for these locations shall be as follows: 1. The Unknown Debris Area for the Rayrock Power Line shall extend 6 m perpendicular in each direction from the overall alignment, and within 6 m radius of the individual locations, of the power poles. 2. The Unknown Debris Area for TED shall extend 300 m from the site coordinate provided in the Drawings. 3. The Unknown Debris Area for MK shall extend 400 m from the site coordinate provided in the Drawings. 4. The Unknown Debris Area for Horn Plateau GS shall extend 500 m from the site coordinate provided in the Drawings.
Insert	1.6.1.2.5	5	BID ITEM 02 41 23-7, Surface Debris Removal – GS, MK and TED.
Replace	1.6.3	5	The systematic sweeping and search of the Unknown Debris Areas identified on the Drawings **and described in these Specifications**, according to both the Waste Management Plan and the Waste Inventory Tracking Plan, shall be measured and paid as a lump sum under BID ITEM 02 41 23-6, UNKNOWN DEBRIS AREA SWEEP. Include all direct cost for the described Work in the Bid item.

Section 02 50 00 – Site Remediation			
Type	**Clause**	**Page**	**Revision(s)**
Replace	1.2.2.1	1	Contaminated Material at Rayrock, REX, Barge Landing, **Horn Plateau GS**, and Sun Main.
Replace	1.2.2.1.1	1	All Contaminated Material from Rayrock, Barge Landing and **Horn Plateau GS** shall be disposed of in the Rayrock Confined Disposal Facility (CDF).
Insert	1.2.2.1.1.3	1	Contaminated Material at Horn Plateau GS includes PHC impacted soil.
Replace	1.2.3.2.2	1	Waste Rock at exploration workings BP1, BP2, BP3, **BP4 and BP5,** including soils and loose rock located within 2 m of the waste rock at these locations.
Insert	1.2.3.5	2	Material requiring handling at Horn Plateau GS includes: 1. PHC impacted soil.
Replace	1.8.3	4	The excavation, loading, transport and placement of Contaminated Material in to the Sun Main WR1 Waste Rock Cover, including soil within two meters of the Contaminated Material, shall be measured for payment by survey of the cubic metre (m^3) volume of Contaminated Material excavated and paid under BID ITEM 02 50 00-3, EXCAVATION AND RELOCATION OF CONTAMINATED MATERIAL – SUN MAIN (BP1, BP2, BP3, BP4, **BP5,** WR2, WR3, AND MISC.), in the Basis of Payment Schedule. Include all direct cost for the described Work in the Bid item.
Replace	1.8.3.1.1	4	The excavation, loading, transportation of Contaminated Material to the WR1 Waste Rock Cover Area from BP1, BP2, BP3, BP4, **BP5,** WR2 and WR3.
Replace	1.8.6.1	5	Containers shall include leak and sift proof liners, and all necessary accessories and supplies, for the transport of all Contaminated Materials from the Barge Landing **and Horn Plateau GS** to their disposal location within the Rayrock CDF.

Section 02 50 00 – Site Remediation			
Type	**Clause**	**Page**	**Revision(s)**
Replace	1.8.10	6	The excavation, containerization, transport, placement, spreading, grading and compaction of Contaminated Material from the Horn Plateau GS to the Mill Lake CDF at Rayrock shall be measured for payment by the survey of the cubic metre (m3) volume of excavated material as measured at the excavation and shall be paid under BID ITEMS 02 50 00-7 EXCAVATION AND RELOCATION OF CONTAMINATED MATERIAL – HORN PLATEAU GS, in the Basis of Payment Schedule. Include all direct cost for the described Work in the Bid item. .1 The scope of work for the above Bid Item shall include, but not be limited to, the following: .1 Excavation of Contaminated Material as indicated on Drawings, or as directed by the DR. .2 Containerization of material into Contaminated Material Containers. .3 Off-site transport of excavated materials from Horn Plateau GS to the CDF. .4 At the discretion of the DR, reshaping and regrading of excavations to provided positive drainage when removal of Contaminated Material is complete may be required, utilizing adjacent native soil, or imported Cohesive Soil. .5 Placement, spreading, grading, compaction and disposal within CDF. .1 The placement, compaction and disposal of Contaminated Materials are described in SECTION 31 22 13 – ROUGH GRADING.
Insert	1.8.11	6	Except as indicated above, work under this Section will not be measured. Include all costs in Item BOPC-1, Balance of Project Costs in Basis of Payment Schedule. Indicate the cost of this work as a separate line item in the cost breakdown specified in SECTION 01 32 16.19 - CONSTRUCTION PROGRESS SCHEDULE - BAR (GANTT) CHART.
Insert	3.2.14	7	Contractor shall not cover the Contaminated Material with overlying materials until the completion of the CDF Consolidation Period, as described in **Section 01 11 00 – Summary of Work**.
Replace	3.3.3	7	Excavate, transport and place Contaminated Material from the BP1, BP2, BP3, BP4, **BP5**, WR2, and WR3 including soil within 2 m of the cleared rock into the Sun Main WR1 Waste Rock Cell.

Section 02 81 00 – Hazardous Materials			
Type	**Clause**	**Page**	**Revision(s)**
Insert	1.5.9	5	Include all direct costs for the Asbestos Containing Material (ACM) at Horn Plateau GS and TED in the lump sum price under BID ITEM 02 81 00-4, HAZARDOUS MATERIAL REMOVAL – GS AND TED: ACMs in the Basis of Payment Schedule. .1 The scope of work for the above Bid Item shall include, but is not limited to: .1 Abatement and containerization of ACMs as per SECTION 02 82 00.01, ASBESTOS ABATEMENT. .2 Collection, sorting, stockpiling, segregation, consolidation, screening, and sorting of all known hazardous material. .3 Inter-site transportation, loading, unloading, and temporary storage at the Temporary Storage Area(s). .4 Loading, transportation, and disposal of all known hazardous materials at the Contractor's Selected Hazardous Material Disposal Facility. .2 The DR, at its discretion, will consider progress payment for the Bid Item above as follows: .1 25% of the estimated quantity of the Hazardous Material once containerized and relocated to Temporary Storage Area while it awaits offsite disposal. .2 The remaining quantity shall not be considered for payment until all hazardous material disposal documentation has been submitted to the satisfaction of the DR. .1 Final quantity shall be based on disposal weight records provided by the Facility.

Section 03 05 11 – Mine Openings			
Type	**Clause**	**Page**	**Revision(s)**
Insert	1.3.1.2.2.4	2	**BP4**
Insert	1.3.1.2.2.5	2	**BP5**
Replace	1.4.2.2	2	**Five** Exploration Workings, referred to as as BP**1** to **BP5**, are located at Sun Main. The workings are not properly defined pits, rather they are surficial locations showing evidence of blasting in the form of disturbed and fragmented rock (gravel, cobble and boulder sized). The workings have elevated gamma radiation levels and require an Engineered Site Protection Slab meeting the minimum requirements of **these** Specification.
Replace	1.10.2	5	Manage any blasted rock that is **not considered to be Contaminated Material** at Sun Main BP**1** to **BP5** per SECTION 31 23 16.26 – ROCK REMOVAL.
Replace	1.12.2.2.2	7	BID ITEM 03 05 11-4, ENGINEERED SITE PROTECTION SLABS - SUN MAIN - BP1, BP2, BP3, **BP4 AND BP5**

Section 31 23 16.26 – Rock Removal			
Type	**Clause**	**Page**	**Revision(s)**
Delete	1.10.5	3	Prior to the start of excavation activities, determine representative values for Rock Quality Designation for the site and submit to the DR.

Section 31 23 16.26 – Rock Removal			
Type	**Clause**	**Page**	**Revision(s)**
Delete	1.12.3	4	Submit the Site Rock Quality Designation prior to the start of rock removal activities.
Delete	1.13.1	5	Work includes all work necessary to complete the Rock Removal, including but not limited to the following:
Delete	1.13.1.7	5	Scaling and securing of bedrock faces following mucking of blast rock.

4. ANNEX E – SUPPORTING DOCUMENTS

INSERT:
2020 Field Investigation Summary (AECOM, 2021); located in Amendment005.zip
2021 Field Investigation Summary – Exploration Working Radiation Mapping (AECOM, 2021); located in Amendment005.zip
Kwetᶧʔaà (Rayrock) Remediation Project Scope of Work Summary – Horn Plateau GS, MK and Ted Satellite Sites (AECOM, 2021); located in Amendment005.zip

5. BID AND ACCEPTANCE FORM

DELETE APPENDIX 1 – COMBINED PRICE FORM, UNIT PRICE TABLE IN ITS ENTIRETY AND REPLACE WITH:

UNIT PRICE TABLE

The Unit Price Table designates Work to which a Unit Price Arrangement applies.
(a) Work included in each item is as described in the referenced specification section.
(b) The Price per Unit shall not include any amounts for Work that is not included in that unit price Item.

Item	Specification Reference	Class of Labour, Plant or Material	Unit of Measurement	Estimated Quantity (EQ)	Price per Unit applicable taxe(s) extra (PU)	Extended amount (EQ x PU) applicable taxe(s) extra
01 29 83-1	01 29 83	Packaging, Handling and Transport of Departmental Representative's Samples to an Analytical Laboratory Depot in Yellowknife	kg	1 500	$_____ /kg	$_____
01 31 19-3	01 31 19	Inter-Season Meeting	Ea.	3	$_____ /ea	$_____
01 31 19-5	01 31 19	Monthly Progress Meetings	Ea.	40	$_____ /ea	$_____
01 3 19-6	01 31 19	Community Meetings - Behchokǫ̀	Ea.	4	$_____ /ea	$_____
01 35 29.13-2	01 35 29.13	Wildlife Monitors	Day	710	$_____ /day	$_____
01 52 00-2	01 52 00	Operation and Maintenance of Camp Services	Week	101	$_____ /week	$_____
01 52 00-3	01 52 00	Departmental Representative and Authorized Personnel Room and Board	Person-day	1 414	$_____ /person-day	$_____
01 52 00-4	01 52 00	Casual Meals – Authorized Visitors	Ea.	75	$_____ /ea	$_____

01 52 00-5	01 52 00	Departmental Representative Return Transportation to Site	Person-return trip	140	$_____ /person-return trip	$_____
01 52 00-6	01 52 00	Communication Links	Week	101	$_____ /week	$_____
01 52 00-7	01 52 00	Departmental Representative's Field Lab	Week	101	$_____ /week	$_____
01 71 00-2	01 71 00	Supply and Installation of Survey Monuments	Ea.	3	$_____ /ea	$_____
01 71 13-3	01 71 13	Camp Start Up	Ea.	4	$_____ /ea	$_____
01 71 13-4	01 71 13	Camp Winterization	Ea.	4	$_____ /ea	$_____
02 41 23-1	02 41 23	Surface Debris Removal – Rayrock	t	55	$_____ /t	$_____
02 41 23-2	02 41 23	Surface Debris Removal – Sun Main	t	50	$_____ /t	$_____
02 41 23-3	02 41 23	Surface Debris Removal – Barge Landing	t	6	$_____ /t	$_____
02 41 23-4	02 41 23	Surface Debris Removal – Powerline	t	3	$_____ /t	$_____
02 41 23-5	02 41 23	Power Pole Removal - Powerline	Per Pole	55	$_____ /pole	$_____
02 41 23-7	02 41 23	Surface Debris Removal - GS, MK, and TED	t	2	$_____ /t	$_____
02 50 00-1	02 50 00	Excavation and Relocation of Contaminated Material – Barge Landing	m^3	35	$_____ /$m^3$	$_____
02 50 00-2	02 50 00	Excavation and Relocation of Contaminated Material – Rayrock	m^3	30 400	$_____ /$m^3$	$_____
02 50 00-3	02 50 00	Excavation and Relocation of Contaminated Material – Sun Main (BP1, BP2, BP3, BP4, WR2, WR3 and MISC.)	m^3	20	$_____ /$m^3$	$_____
02 50 00-4	02 50 00	Excavation and Compaction of Contaminated Material - Sun Main (WR1 Stockpile)	m^3	1 500	$_____ /$m^3$	$_____
02 50 00-6	02 50 00	Supply of Contaminated Material Containers	m^3	50	$_____ /$m^3$	$_____
02 50 00-7	02 50 00	Excavation and Relocation of Contaminated Material – Horn Plateau GS	m^3	5	$_____ /$m^3$	$_____
02 81 00-1	02 81 00	Hazardous Material Removal – Rayrock	t	50	$_____ /t	$_____
02 81 00-3	02 81 00	Supply of Hazardous Material Containers	m^3	5	$_____ /$m^3$	$_____
03 05 11-1	03 05 11	Engineered Caps – Rayrock – Vents	Ea.	5	$_____ /ea	$_____
03 05 11-2	03 05 11	Engineered Caps – Sun Main – Shaft	Ea.	1	$_____ /ea	$_____
03 05 11-3	03 05 11	Engineered Site Protection Slab – REX	m^2	32	$_____ /$m^2$	$_____

03 05 11-4	03 05 11	Engineered Site Protection Slabs - Sun Main Site - BP1, BP2, BP3, BP4, and BP5	m^2	280	$_____ /$m^2$	$_____
31 05 19.11-1	31 05 19.11	Supply and Installation of Geocomposites	m^2	23 000	$_____ /$m^2$	$_____
31 05 19.14-1	31 05 19.14	Supply of Geotextile Tubes	Ea.	22	$_____ /ea	$_____
31 05 19.14-2	31 05 19.14	Installation of Geotextile Tubes	Ea.	19	$_____ /ea	$_____
31 22 13-1.1	31 22 13	Excavation - Rayrock - Mill Lake Basin Soils	m^3	3 400	$_____ /$m^3$	$_____
31 22 13-1.2	31 22 13	Excavation - Rayrock - Mill Cove Excavation to Bedrock	m^3	2 400	$_____ /$m^3$	$_____
31 22 13-1.3	31 22 13	Excavation - Rayrock - Overburden Excavation and Topsoil Stripping	m^3	200	$_____ /$m^3$	$_____
31 22 13-1.4	31 22 13	Excavation - Sunmain - Topsoil Stripping	m^3	140	$_____ /$m^3$	$_____
31 22 13-2	31 22 13	Type A Granular Fill - Supply and Placement - Rayrock: CDF Construction	m^3	8 700	$_____ /$m^3$	$_____
31 22 13-3	31 22 13	Type B Granular Fill - Supply and Placement - Rayrock: CDF Construction	m^3	20 500	$_____ /$m^3$	$_____
31 22 13-4	31 22 13	Type C Granular Fill - Supply and Placement - Rayrock: CDF Construction	m^3	4 500	$_____ /$m^3$	$_____
31 22 13-5	31 22 13	Cohesive Soil - Supply and Placement - Rayrock: CDF Adjacent Slope Cover	m^3	1 700	$_____ /$m^3$	$_____
31 22 13-6	31 22 13	Type A Granular Fill – Supply and Placement – Rayrock; TCA Repairs and Ditching	m^3	200	$_____ /$m^3$	$_____
31 22 13-7	31 22 13	Cohesive Soil – Supply and Placement – Rayrock: TCA Repairs	m^3	2 900	$_____ /$m^3$	$_____
31 22 13-8	31 22 13	Cohesive Soil Stockpile - Supply and Placement - Rayrock: Stockpiles (for future repairs)	m^3	60	$_____ /$m^3$	$_____
31 22 13-9	31 22 13	Type A Granular Stockpile – Supply and Placement – Rayrock: Stockpiles (for future repairs)	m^3	20	$_____ /$m^3$	$_____
31 22 13-10	31 22 13	Type A Granular Fill - Supply and Placement – Sun Main: Waste Rock (WR1) Cover	m^3	800	$_____ /$m^3$	$_____
31 22 13-11	31 22 13	Type C Granular Fill - Supply and Placement – Sun Main: Waste Rock (WR1) Cover	m^3	520	$_____ /$m^3$	$_____
31 22 13-14	31 22 13	Riprap – Supply and Install - Rayrock	m^3	15	$_____ /$m^3$	$_____
31 23 16.26-1	31 23 16.26	Rock Excavation and Blasting - Rayrock - Mill Lake Drainage Channel	m^3	4 300	$_____ /$m^3$	$_____

31 23 16.26-2	31 23 16.26	Rock Excavation and Blasting - Rayrock – CDF Construction Area	m^3	27 000	$\$$_____ /m^3	$\$$_____
31 32 19.10-1.1	31 32 19.10	Non-Woven Geotextiles - Supply and Installation - Rayrock: CDF Construction	m^2	28 500	$\$$_____ /m^2	$\$$_____
31 32 19.10-1.2	31 32 19.10	Non-Woven Geotextiles - Supply and Installation – Sunmain: Waste Rock (WR1) Cover	m^2	3 500	$\$$_____ /m^2	$\$$_____
31 32 19.10-2	31 32 19.10	Erosion Control Blanket - Supply and Installation - Rayrock - Mill Lake Reclamation and TCA Repairs	m^2	79 100	$\$$_____ /m^2	$\$$_____
31 32 19.15-1	31 32 19.15	Geosynthetic Clay Liners (GCL) - Supply and Install - Rayrock, CDF Base Sump and Trench	m^2	800	$\$$_____ /m^2	$\$$_____
31 32 19.20-1	31 32 19.20	Bituminous Geomembrane (BGM) - Supply and Install- Rayrock, CDF Base, WTP Pad and Cover Liner	m^2	26 000	$\$$_____ /m^2	$\$$_____
31 32 19.20-2	31 32 19.20	Bituminous Geomembrane (BGM) - Supply and Install - Sun Main - Waste Rock Cover	m^2	1 800	$\$$_____ /m^2	$\$$_____
31 32 19.20-3	31 32 19.20	HDPE Passive Vent Pipes - Supply and Install - Rayrock - CDF Cover	Ea.	6	$\$$_____ /ea	$\$$_____
31 32 19.20-4	31 32 19.20	HDPE Passive Vent Pipes - Supply and Install – Sun Main - Waste Rock Cover	Ea.	3	$\$$_____ /ea	$\$$_____
32 92 19.16-1	32 92 19	Biotic Soil Media - Supply and Placement - Rayrock	m^2	78 100	$\$$_____ /m^2	$\$$_____
32 92 19.16-2	32 92 19	Wet Seed Mix - Supply and Placement - Rayrock	m^2	7 200	$\$$_____ /m^2	$\$$_____
32 92 19.16-3	32 92 19	Dry Seed Mix - Supply and Placement - Rayrock	m^2	71 400	$\$$_____ /m^2	$\$$_____
33 46 16.10-1	33 46 16.10	HDPE Piping – Inspection and Withdrawal Riser Rayrock - CDF	m	42	$\$$_____ /m	$\$$_____
33 46 16.10-2	33 46 16.10	HDPE Piping – Cleanout Riser Rayrock - CDF	m	28	$\$$_____ /m	$\$$_____
33 46 16.10-3	33 46 16.10	HDPE Piping – Perforated Collection and Conveyance Piping Rayrock - CDF	m	84	$\$$_____ /m	$\$$_____
35 20 24.01-1	35 20 24.01	Sediment Removal	m^3	89 100	$\$$_____ /m^3	$\$$_____
44 41 13-4	44 41 13	Process Water Treatment	m^3	320 000	$\$$_____ /m^3	$\$$_____
					TOTAL EXTENDED AMOUNT (TEA (A)) Excluding applicable taxe(s)	$\$$_____

DELETE APPENDIX 1A – COST BREAKDOWN TABLE IN ITS ENTIRETY AND REPLACE WITH:

APPENDIX 1A COST BREAKDOWN TABLE

The table below is for information purposes only.

Prior to contract award the assessed best value proponent will be required to complete the following table. The total evaluated price must equal the bid submission per the bid price form total submitted at the time of solicitation closing.

Item	Specification section(s)	Description	Unit	Total
BOPC-1	-	Balance of Project Costs including but not limited to: - Any variable Indirect costs for Overhead and Admin. - Profit - Costs for Expeditors - CGL Insurance - All Risk Insurance - WSCC costs - Business Expenses - Contractor's portion of Training Expenses - EMT - Ancillary Equipment - Service Vehicles - Supervision - Camp Support Labour - Equipment repairs and parts supply & transport	Lump Sum	$_____
01 11 00-1	01 11 00	Workers Orientation Seminar	Lump Sum	$_____
01 11 00-2	01 11 00	Confined Disposal Facility (CDF) Construction Plan	Lump Sum	$_____
01 11 00-3	01 11 00	Sun Main Waste Rock Cover Construction Plan	Lump Sum	$_____
01 29 83-2	01 29 83	Contractor’s Testing Requirements including Sampling, Transportation and Analysis at an Accredited Laboratory	Lump Sum	$_____
01 31 19-1	01 31 19	Pre-Construction Meeting	Lump Sum	$_____
01 31 19-2	01 31 19	Pre-Mobilization Site Visit	Lump Sum	$_____
01 31 19-4	01 31 19	Post Construction Meeting	Lump Sum	$_____
01 35 29.13-1	01 35 19.13	Site Specific Health and Safety Plan (SSHSP)	Lump Sum	$_____
01 35 43-1	01 35 43	Wildlife and Wildlife Habitat Management and Monitoring Plan	Lump Sum	$_____
01 35 43-2	01 35 43	Sediment and Erosion Control Plan	Lump Sum	$_____
01 35 43-3	01 35 43	Spill Contingency Plan	Lump Sum	$_____
01 35 43-4	01 35 43	Waste Management Plan	Lump Sum	$_____
01 35 43-5	01 35 43	Quarry Management Plan	Lump Sum	$_____
01 35 43-6	01 35 43	Environmental Protection Supplies	Lump Sum	$_____
01 52 00-1	01 52 00	Camp Supply and Start-up	Lump Sum	$_____
01 71 00-1	01 71 00	Survey	Lump Sum	$_____
01 71 00-1	01 71 13	Mobilization and Demobilization Plan	Lump Sum	$_____

01 71 13-2	01 71 13	Mobilization - Rayrock	Lump Sum	$_____
01 71 13-3	01 71 13	Mobilization – Sun Main	Lump Sum	$_____
01 71 13-6	01 71 13	Demobilization - Rayrock	Lump Sum	$_____
01 71 13-7	01 71 13	Demobilization – Sun Main	Lump Sum	$_____
01 71 13-8	01 71 13	Mobilization and Demobilization – REX and Barge Landing	Lump Sum	$_____
01 71 13-9	01 71 13	Mobilization and Demobilization - GS, MK, and TED	Lump Sum	$_____
01 77 00-1	01 77 00	Post-Demobilization Inspection	Lump Sum	$_____
01 78 00-1	01 78 00	Project Record Documents	Lump Sum	$_____
02 00 00-1	02 00 00	Winter Road Track Survey	Lump Sum	$_____
02 00 00-2	02 00 00	Upgrade of Legacy Winter Road	Lump Sum	$_____
02 00 00-3	02 00 00	Winter Road Construction	Lump Sum	$_____
02 00 00-4	02 00 00	Winter Road Maintenance	Lump Sum	$_____
02 00 00-5	02 00 00	Installation and Maintenance of River Crossing	Lump Sum	$_____
02 00 00-6	02 00 00	Decommissioning of River Crossing	Lump Sum	$_____
02 41 16-1	02 41 16	Removal and Onsite Disposal of Concrete Foundations	Lump Sum	$_____
02 41 23-6	02 41 23	Unknown Debris Area Sweep	Lump Sum	$_____
02 50 00-5	02 50 00	Excavation and Relocation of Contaminated Material – REX (Drill Cores)	Lump Sum	$_____
02 81 00-2	02 81 00	Hazardous Material Removal – Barge Landing	Lump Sum	$_____
02 81 00-4	02 81 00	Hazardous Material Removal – Horn Plateau GS and TED (ACM Shingles)	Lump Sum	$_____
31 11 00-1	31 11 00	Clearing and Grubbing - Rayrock – Cohesive Soil Borrow Areas	Lump Sum	$_____
31 11 00-2	31 11 00	Clearing and Grubbing - Rayrock – Mill Lake	Lump Sum	$_____
31 11 00-3	31 11 00	Clearing and Grubbing – Sun Main – Construction Area of WR1 Waste Rock Cover	Lump Sum	$_____
31 11 00-4	31 11 00	Clearing and Grubbing - Miscellaneous	Lump Sum	$_____
31 22 13-12	31 22 13	Reclamation of Borrow Area	Lump Sum	$_____
31 22 13-13	31 22 13	Access Road Construction, Maintenance, Removal and Closure	Lump Sum	$_____
44 41 13-1	44 41 13	PWTP Design and Construction Plan	Lump Sum	$_____
44 41 13-2	44 41 13	PWTP Operations and Maintenance Plan	Lump Sum	$_____
44 41 13-3	44 41 13	PWTP Commissioning, Maintenance and Decommissioning	Lump Sum	$_____
		Total for Lump Sum Amount Breakdown: This dollar amount shall equal the amount provided for the Lump Sum Amount (LSA) in Appendix 1 – Combined Price Form		$_____

ALL OTHER TERMS AND CONDITIONS REMAIN UNCHANGED.