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Bid Receiving Public Works and Government
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800 Burrard Street, Room 219
800, rue Burrard, pièce 219
Vancouver
British Columbia
V6Z 0B9
Bid Fax: (604) 775-9381

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
Raison sociale et adresse du
fournisseur/de l'entrepreneur

Issuing Office - Bureau de distribution
Public Works and Government Services Canada -
Pacific Region
800 Burrard Street, Room 219
800, rue Burrard, pièce 219
Vancouver
British C
V6Z 0B9

Title - Sujet Toad River Maint. Camp Remediation	
Solicitation No. - N° de l'invitation EZ113-171201/A	Amendment No. - N° modif. 003
Client Reference No. - N° de référence du client	Date 2016-09-15
GETS Reference No. - N° de référence de SEAG PW-\$PWY-022-7858	
File No. - N° de dossier PWY-6-39129 (022)	CCC No./N° CCC - FMS No./N° VME
Solicitation Closes - L'invitation prend fin at - à 02:00 PM on - le 2016-09-28	Time Zone Fuseau horaire Pacific Daylight Saving Time PDT
F.O.B. - F.A.B. Plant-Usine: <input type="checkbox"/> Destination: <input checked="" type="checkbox"/> Other-Autre: <input type="checkbox"/>	
Address Enquiries to: - Adresser toutes questions à: Arthur (PWY), Carolyn	Buyer Id - Id de l'acheteur pwy022
Telephone No. - N° de téléphone (604) 364-2752 ()	FAX No. - N° de FAX (604) 775-6633
Destination - of Goods, Services, and Construction: Destination - des biens, services et construction: PWGSC - Toad River Maintenance Camp - Alaska Hwy, BC	

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

Solicitation No. - N° de l'invitation

EZ113-171201/A

Client Ref. No. - N° de réf. du client

Amd. No. - N° de la modif.

003

File No. - N° du dossier

PWY-6-39129 (022)

Buyer ID - Id de l'acheteur

pw022

CCC No./N° CCC - FMS No./N° VME

NOTE TO TENDERERS: Use the mailing label below and affix it securely to the outside of the envelope for package containing your tender. For revisions to tenders submitted by facsimile (fax #(604)775-9381), use this sheet as the cover sheet. Always ensure your company name, return address, tender number and closing date appear legibly on the outside of your bid

REAL PROPERTY CONTRACTING
Public Works & Government Services Canada
Room 219 - 800 Burrard Street
Vancouver, B.C. V6Z 0B9

Requisition No.:

EZ113-171201/A

Tender Closing Date & Time: 28 September 2016 @ 1400 P.S.T.

Project Description:

Toad River Maintenance Camp Remediation

Toad River Maintenance Camp, km 648.7, Alaska Highway, BC

CA

Les documents français seront disponibles sur demande.

This Amendment 003 is raised to:

- 1) Address bidder questions
- 2) Provide the list of site visit attendees
- 3) Extend the solicitation closing date
- 4) Incorporate addendum #2.

1) Questions and Answers

1. Does the Contractor need to remove, replace or provide a temporary location for the docking ramp in Excavation Area AEC 1A?

No, this work will be done by others and a temporary docking ramp is not required.

2. For Backfill – Import, will PWGSC provide a source of backfill material for free?

Yes - granular material will be supplied free of charge from the Stringer Creek pit for STF berm refurbishing and backfill of the excavations at Toad River. Areas / pit faces available to the Contractor for extracting granular material will be identified to the Contractor by the Departmental Representative. No existing piles of granular material may be used. The Contractor is responsible for excavating, loading, transport and deposit of the material from Stringer Creek. If the Contractor uses supplied material from the Stringer Creek pit, the measurement will be in cubic meters (m³) as determined by the Departmental Representative.

3. During the site visit a community engagement meeting was discussed, when is the date of this meeting, will the meeting be held before the bid due date? How will changes to the scope based on this meeting be addressed?

The date of the meeting is to be determined. The meeting will be held after the bid due date. Scope changes (if any) are to be addressed as per the General Conditions and Clauses under the Contract.

4. Can other options besides treatment of infiltrating water be considered? Is there any option for disposal that can be provided?

No and no.

5. Who is responsible to move the large gravel pile that is blocking access to the treatment cell? Should cost be included to move this pile, if so where can it be moved to and what is the volume of the pile?

The large gravel pile is not to be moved. The Contractor, at their discretion with the agreement of the Departmental Representative, may move the access gate and ramp to the STF as part of the Owner Soil Treatment Facility Preparation and Closure.

6. Will there be any consideration for the cost if the treatment cell cannot hold as much material as specified? If less material is excavated, hauled and backfilled due to the size of the treatments cell can a claim be made for additional funding?

The STF can hold the anticipated volume of soil to be excavated. The Contractor must be prepared to stack the material high enough to accomplish this.

The circumstances in which a Contractor can submit a Claim are covered in the General Conditions.

7. Can snow removed from in and around excavations be stockpiled on site or must it be loaded and transported to the Owners Soil Treatment Facilities for storage?

It is anticipated that snow can be piled onsite considering the work zone areas and the maintenance contractor space requirements.

8. Can PWGSC please provide a drawing denoting where the treated water can be discharged on site?

The final discharge location will be within the Work Area available to the Contractor as shown in the Drawings. Discharge location will be subject to approval by Departmental Representative.

9. Can PWGSC please provide the water discharge criteria for the site?

Water discharge from the Water Treatment Plant must meet CCME DW/AW guidelines and CSR DW/AW standards for hydrocarbon contaminants of concern.

10. Please confirm where the screen overs are to be stored or placed?

Screen overs will be placed onsite as advised by the Departmental Representative.

11. Could PWGSC please confirm if Item 6 "Standby Time" in the Unit Price Table includes downtime due to inclement weather?

No, standby time does not include downtime due to inclement weather.

12. The proposed project is to start in the fall/winter months in Northern BC, and historical data indicates that average low temperatures in this region are consistently and significantly below 0°C. The project specifications section 31 23 33.01, sub section 3.9.2 specifies that areas to be backfilled to be free from snow, ice and frozen ground.

PWGSC expectation is that this will be accomplished to the degree practicable.

Given that the known temperature will mean adherence to this specification will be extremely challenging or even unachievable, would PWGSC consider adjusting the project schedule, project deadlines, project specifications and/or proposed units rates should conditions deem this unworkable?

No.

13. The proposed project is to start in the fall/winter months in Northern BC, and historical data indicates that average low temperatures in this region are consistently and significantly below 0°C. The project specifications section 31 23 33.01, sub section 3.9.3 specifies that backfill is not to be frozen or contain ice or snow.

PWGSC expectation is that this will be accomplished to the degree practicable.

Given that the known temperature will mean adherence to this specification will be extremely challenging or even unachievable, would PWGSC consider adjusting the project schedule, project deadlines, project specifications and/or proposed units rates should conditions deem this unworkable?

No.

14. Would PWGSC be able to provide all of the specified source backfill volume found in the Unit Price Table? If so could a 3rd party Contractor screen the PWGSC source material?

Granular material will be supplied free of charge from the Stringer Creek pit for STF berm refurbishing and backfill of the excavations at Toad River. Areas / pit faces available to the Contractor for extracting granular material will be identified to the Contractor by the Departmental Representative. No existing piles of granular material may be used. The Contractor is responsible for excavating, loading, transport and deposit of the material from Stringer Creek. If the Contractor uses supplied material from the Stringer Creek pit, the measurement will be in cubic meters (m³) as determined by the Departmental Representative. No screening will be necessary.

15. The proposed project is to start in the fall/winter months in Northern BC, and historical data indicates that average low temperatures in this region are consistently and significantly below 0°C. Screening in sub-zero conditions with material that is silty in content and wet will not process. Would PWGSC consider altering the specification to eliminate the requirement to screen the excavated material prior to transporting it to the Owners Soil Treatment Facility?

No, we are not considering altering the specification. If site conditions warrant during the project, changes to the approach can be made at the discretion of the Departmental Representative.

16. To reduce time on site and to minimize constructability issues related to colder weather, would PWGSC consider offsite disposal of the entire quantity of impacted material at a 3rd Party BC MOE Permitted Landfill instead of to the Client Owned Soil Treatment Facility?

No.

17. Other than the visible woven geotextile, what other synthetic liners are installed in the existing STF? What other materials require repair other than the woven geotextile?

The Contractor is only responsible for repairing pre-existing damage that is visible.

18. It was identified during the site visit that there is an existing breach of the STF. Section 02 61 00.03, sub section 3.2.1.3 requires notification to the Departmental Representative of any significant damage. Will the repair of significant damage, notably a breach be managed through a change order?

A breach was not confirmed. The Contractor is only responsible for repairing pre-existing damage that is visible.

19. Based on the number of questions, we would like to again, request an extension to the tender closing date.

Yes – an extension has been given until September 26th. Please see below.

- 2) The following companies were represented at the mandatory site visit held September 12, 2016.

Tervita Corp.

Fort Nelson, BC

GPEC International

Ottawa, ON

Kledo Construction Ltd.

Fort Nelson, BC

RNN Services Ltd.

Fort Nelson, BC

King Hoe Excavating Ltd.

Aldergrove, BC

Arctic Construction

Fort St. John, BC

Site Energy,

Sherwood Park, AB

Toad River Area Club and Saddle

Mountain Adventures, Toad River, BC

G. Baumeister Ltd.

Fort Nelson

Englobe Corp.,

Edmonton, AB

Milestone Environmental Contracting Inc.

Langley, BC

QMLP Richmond, BC

Quantum Environmental, Richmond, BC

Garcia and sons Transfer Ltd.

Fort Nelson, BC

Belvedere Place Development

Fort Nelson, BC

Envirocon

Burnaby, BC

Solicitation No. - N° de l'invitation

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003

File No. - N° du dossier

PWY – 6 – 39129 (022)

Buyer ID - Id de l'acheteur

PWY022

CCC No./N° CCC - FMS No./N° VME

3) Extension of the Solicitation Closing Date

Extension of Time for Tenderers

Extension of Time for Tenderers
Toad River Maintenance Camp Remediation
Toad River Maintenance Camp, km 648.7, Alaska Highway, BC
Solicitation No: EZ113-171201/A

Notice is hereby given that the time for reception of tenders previously due at 2:00pm PDST
on 21 September 2016 is extended to 2:00pm PDST **28 September 2016**

Please see attached revised mailing label.

4) Incorporate Addendum #2

See attached addendum #2

ALL OTHER TERMS AND CONDITIONS REMAIN UNCHANGED

The following changes in the tender documents are effective immediately. This addendum will form part of the contract documents.

Plans

Drawings revised for elimination of excavation AEC 1C from scope.

1. Drawing 635734-302

Replace with attached Drawing 635734-302.

2. Drawing 635734-303

Replace with attached Drawing 635734-303

3. Drawing 635734-304

Replace with attached Drawing 635734-304

4. Drawing 635734-308

Replace with attached Drawing 635734-308



LEGEND

- SUBJECT PROPERTY LIMITS
- DRINKING WATER WELL
- APPROXIMATE EXTENT OF CONTAMINATED SOIL
- AREA TO REMAIN CLEAR FOR MAINTENANCE CONTRACTOR OPERATIONS/RESIDENCE EXCEPT AS NEEDED FOR EXCAVATION OF AREAS 1C, 2 AND 5
- TREELINE
- EXISTING STRUCTURE



NOTES

1. ORIGINAL DRAWING IN



Excavation Area	Surface Area (m ²)	Estimated Soil Volume (m ³) CDEM 11.0, CDEM 1.0	Estimated Tree Removal Overburden Volume (m ³)
REC 1A	1,130	4,631	5,000
REC 1B	56	56	None
REC 2	50	50	None
REC 4	50	50	None
REC 5A	50	50	None
REC 5B	50	50	None
REC 6	60	60	None
REC 7	2	1	None
REC 8A	70	105	None
REC 8B	50	50	None
REC 8C	50	25	25
REC 8D	50	75	25
REC 8E	50	50	50
TOTALS	1,449	5,263	5,130

1. The following is a list of anticipated contaminants of concern on Site 100-01-0001:


- Petroleum hydrocarbons (PHH) – volatile petroleum hydrocarbons (VPH), semi-volatile petroleum hydrocarbons (SVPH), extractable petroleum hydrocarbons (EPH), light extractable petroleum hydrocarbons (LEPH), polycyclic aromatic hydrocarbons (PAH), polynuclear aromatic hydrocarbons (PNAH)
- Water - Petroleum hydrocarbons (benzene, ethylbenzene, LEPH) polycyclic aromatic hydrocarbons, sodium, chloride, barium, cadmium, magnesium, manganese and nitrate
- Soil and groundwater may contain elevated salinity (electrical conductivity, chloride and sodium).
- Former Bunkerline Disposal Boundary – P.O.I. 2008 on Drawing to be segregated by future testing prior to disposal.

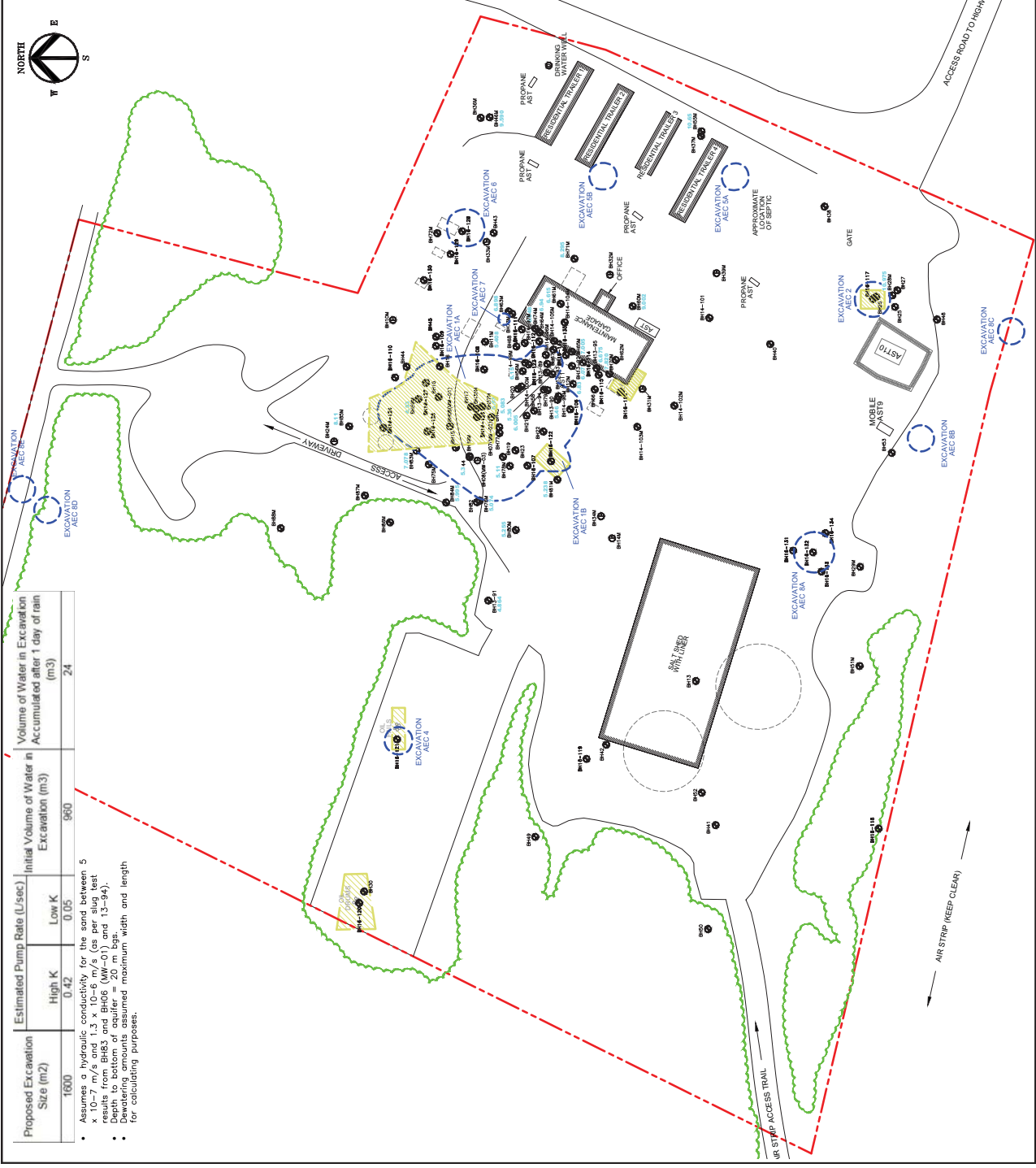


NOTES

1. ORIGINAL DRAWING IN COLOUR.
2. LOCATION OF EXISTING UTILITIES SHOWN ARE APPROXIMATE ONLY AND SHOULD BE CONFIRMED ON SITE. NOT ALL UTILITIES MAY BE SHOWN.

[illegible]

 SNC • LAVALIN	
CLIENT NAME: RED PUBLIC WORKS AND CONSERVATION SERVICES CANADA	PROJECT LOCATION: TOAD RIVER ALASKA HIGHWAY, BC
CONTAMINATED MATERIAL EXTENTS	
DWN BN: BB CH2C: AD	SCALE: 1:1,000 FLOOR: 20160914.1416 DATE/FILE: 63574486
	DWG NO: 1 635734-303 REV.:



Proposed Excavation Size (m2)	Estimated Pump Rate (L/sec)	Initial Volume of Water in Excavation (m3)	Volume of Water in Excavation Accumulated after 1 day of rain (m3)
1600	High K 0.42 Low K 0.05	960	24

- Assumes a hydraulic conductivity for the sand between 5 x 10⁻⁷ m/s and 1.3 x 10⁻⁶ m/s (as per slug test results from BH03 and BH06 (W-01) and 13-94).
- Results are based on a 1 day rain event (13-94).
- Devolving amounts assumed maximum width and length for calculating purposes.

- LEGEND**
- SUBJECT PROPERTY LIMITS
 - MONITORING WELL
 - DESTROYED MONITORING WELL
 - DRINKING WATER WELL
 - EXISTING STRUCTURE
 - FORMER STRUCTURE
 - ACTIVE YARD
 - EXCAVATION BOUNDARY (PGL 2008)
 - TREELINE
 - GROUNDWATER DEPTH (mbsgs) AUGUST 17, 2014
 - APPROXIMATE EXTENT OF CONTAMINATED SOIL



NOTES

- ORIGINAL DRAWING IN COLOUR.
- LOCATION OF EXISTING UTILITIES SHOWN ARE APPROXIMATE ONLY AND SHOULD BE CONFIRMED ON SITE. NOT ALL UTILITIES MAY BE SHOWN.
- SEE APPENDIX B FOR COMPLETE AUGUST 17, 2014 MONITORING REPORT.
- CONCENTRATIONS

DWG. NO.	DATE	DESCRIPTION
1	2016-08-09	ISSUED TO CLIENT
BB	AD	BY CHK

REV.	DATE	DESCRIPTION
1	2016-08-09	ISSUED TO CLIENT
BB	AD	BY CHK

SNC-LAVALIN

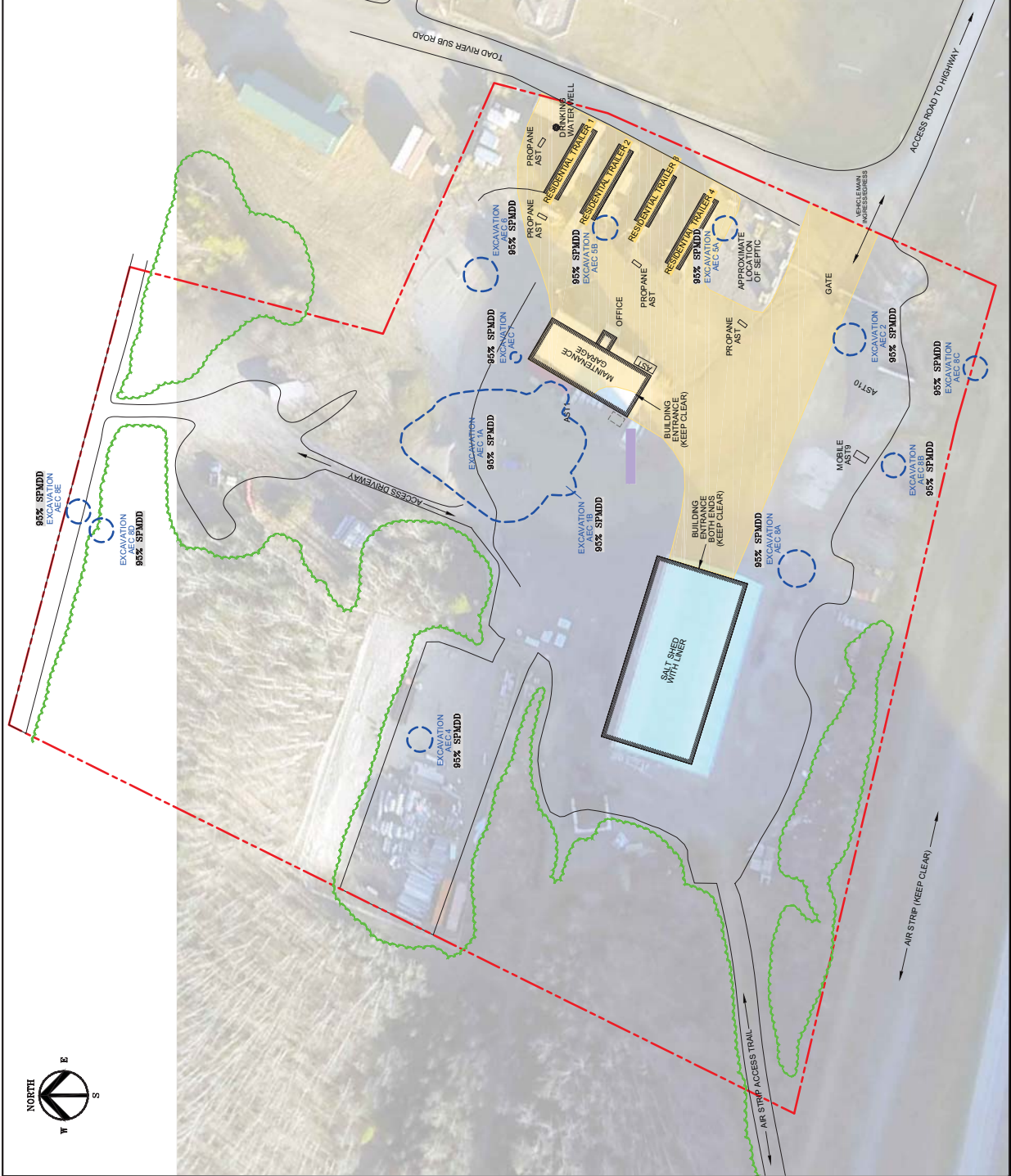
CLIENT NAME: PUBLIC WORKS AND GOVERNMENT SERVICES CANADA

PROJECT LOCATION: TOAD RIVER ALASKA HIGHWAY, BC

TITLE: **GROUNDWATER DEPTH (AUGUST 17, 2014)**

SIN: BB SCALE: 1:900 DATE: 2016-08-09 DWG. NO: **635734-304**

CHK'D: AD PLOT: 20160914.1358 CADFILE: 63573466



LEGEND

- SUBJECT PROPERTY LIMITS
- DRINKING WATER WELL
- APPROXIMATE EXTENT OF CONTAMINATED SOIL
- AREA TO REMAIN CLEAR FOR MAINTENANCE CONTRACTOR OPERATIONS/RESIDENCE EXCEPT AS NEEDED FOR EXCAVATION OF AREAS 1C, 2 AND 5
- TREELINE
- EXISTING STRUCTURE

** Backfilling and compaction of the excavation to a minimum of 95% Standard Proctor Maximum Dry Density (SPMD) compaction using imported clean material and suitable owner-supplied stockpiled excavated overburden soil. Excavation areas adjacent to existing structures shall be backfilled and compacted to a minimum of 95% SPMD. The Subcontractor is responsible for arranging compaction tests to verify that minimum compaction is achieved and must provide the geotechnical reports at completion confirming 95% SPMD was achieved. The Subcontractor must provide suitable compaction reports. The Contractor must provide their own water during compaction.



NOTES

1. ORIGINAL DRAWING IN COLOUR.
2. LOCATION OF EXISTING UTILITIES SHOWN ARE APPROXIMATE ONLY AND CONTRACTOR TO VERIFY LOCATIONS OF ANY AND ALL SEPTIC FIELD AND PIPING AND PROTECT AS NEEDED.
3. CONTRACTOR TO VERIFY LOCATIONS OF ANY AND ALL SEPTIC FIELD AND PIPING AND PROTECT AS NEEDED.

REFERENCE DRAWINGS

DWG. NO.	DATE	DESCRIPTION

REVISIONS

REV.	DATE	DESCRIPTION	BY	CHK
1	2016-08-09	ISSUED TO CLIENT	BB	AD

0 5 10 20 30 40 50 METERS



CLIENT NAME: **SNC-LAVALIN**
PROJECT LOCATION: **TOAD RIVER ALASKA HIGHWAY, BC**

SITE RESTORATION

DWG. BY: BB	SCALE: 1:1,000	DATE: 2016-08-09	SERIES NO: 1
CHKD: AD	PROJECT: 20160914.1356	CADFILE: 63573486	635734-308

PATH: F:\CURRENT PROJECTS\PMISS\635734-TOAD RIVER\4.0 DRAWINGS\CAD\635734REV.DWG