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# Kamloops Snowbird Environmental Cleanup Project

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Bidder's Meeting

Friday, August 28, 2020

11:00am PDT

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# Agenda

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- Introductions
- Bidder's Meeting Overview
- Site Overview
- General Contract Elements
- Contractor Requirements
- Video Site Tour



# Introductions

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Public Works and Government Services Canada:

Ken Ngan

Dave Osguthorpe

Andrew Smith

Department of National Defence:

Captain Cruz

Golder Associates:

Erik von Krogh

Alison Verde

Registered Bidder's

3

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# Bidder's Meeting Overview

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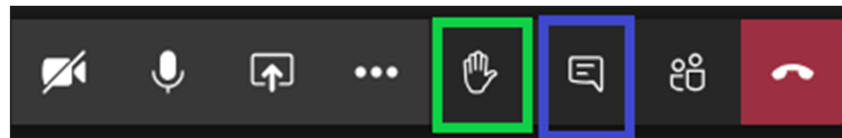
- This meeting is to familiarize the bidders with the site. Anything presented today does not take precedence over the tender documents. The bidders are to refer to the tender documents in their entirety.
- Questions from bidder's should be submitted in writing to Ken Ngan – PSPC Contracting Authority and answers to be provided as addenda. No answers will be provided during this meeting.



# Bidder's Meeting Overview

## Virtual Meeting Rules and Instructions

- Attendees will be muted
- Materials from the meeting will be posted online following the meeting
- If there are any technical issues during the presentation – raise your hand or type a comment
- There will be a video tour of the site at the end of the presentation - If there are requests for clarification regarding the videos – raise your hand or type a comment



5

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Procurement Canada

Services publics et  
Approvisionnement Canada

Canada

# Bidder's Meeting Overview

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## Virtual Meeting Rules and Instructions

- Items discussed are not a complete list and the contractor is to refer to the tender documents for all requirements

# Project Timing Requirements

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- Tender close is 14:00 PDT, Sept. 8, 2020.
- Tender award shortly after tender close.
- All work to be completed by:
  - Site Works to be completed by October 30, 2020
  - Completion of Work by November 30, 2020



# DND Project Remarks

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# Site Overview



- Located at a private residence in North Kamloops
- Objective is to remove contaminated soils in the front yard
- Site to be handed over to home restoration contractors working on behalf of the homeowner
- Site is located in a residential neighbourhood

9

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# Site Overview



- One storey house with a basement serviced by municipal utilities and natural gas utilities
- Temporary power pole
- The structure cannot be impacted by the work

10

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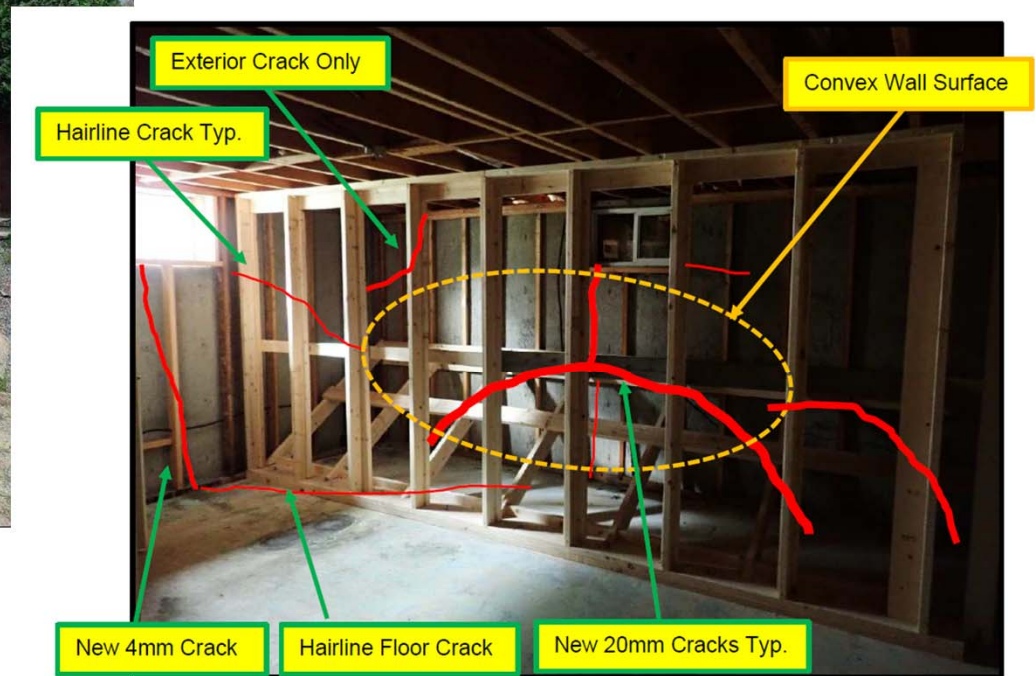


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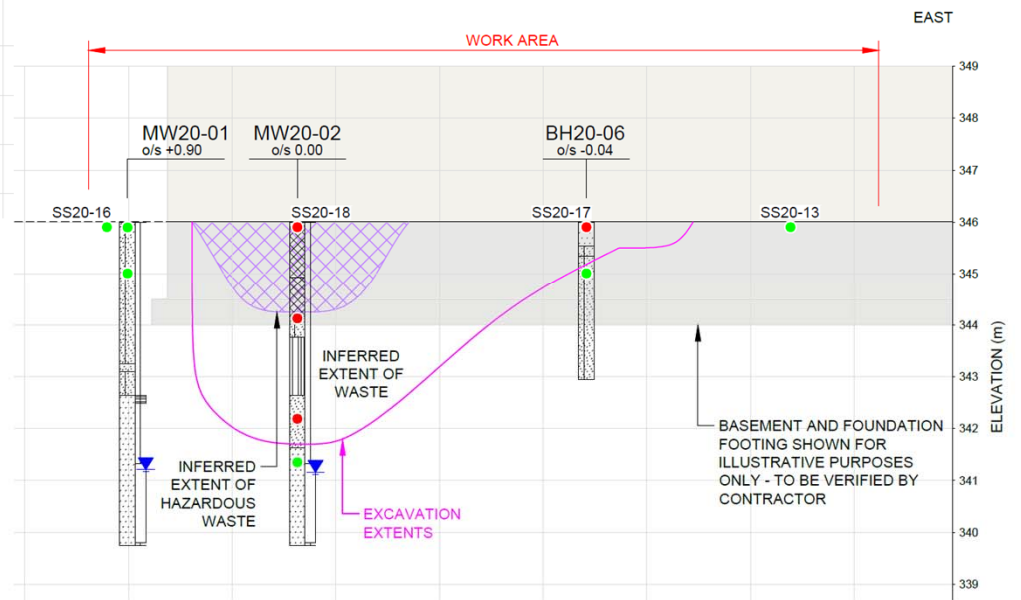
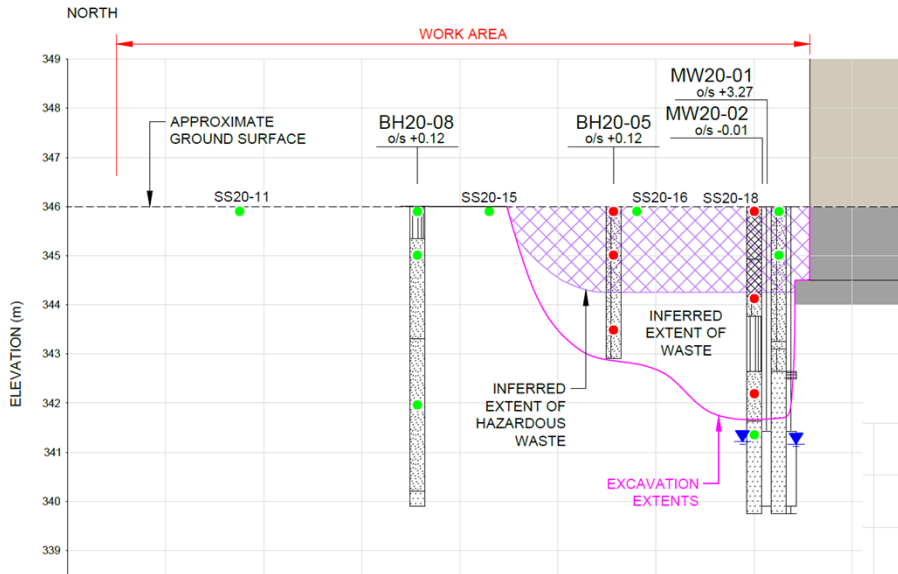
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# Constraints



# Constraints



# Site Overview



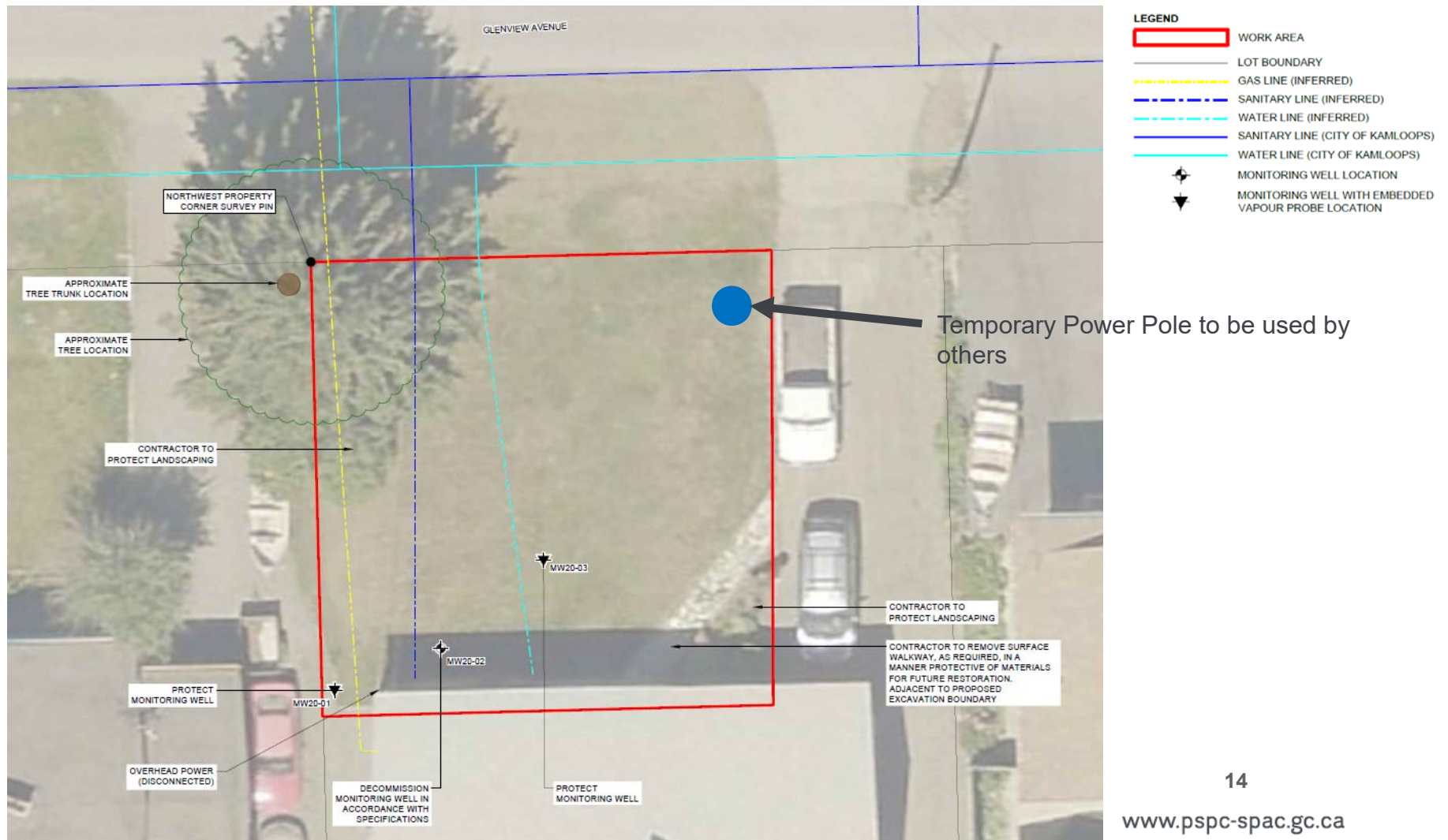
Soil CSR RL+:

- Select Metals
- Select VOCs
- BTEX
- Select PAHs
- LEPH, HEPH, VPH

Soil BC HWR:

- Total Hydrocarbons >3%
- Leachable Ethylbenzene

# General Site Layout



# General Contract Elements

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## Unit Price Table

- Payment items for excavation is by volume according to difference between pre- and post-remediation surveys (m<sup>3</sup>).
- Payment for transport and disposal of soil is by manifest weight (tonne)
- Payment for provision and placement of Backfill is by manifest weight (tonne)

# General Contract Elements

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## Surveys

- Surveying for Progress and Final Excavation Limits
- Pre- and Post-Construction Condition Survey
- As-built survey



# Contractor Requirements

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## Responsibilities:

- Prime Contractor for Health and Safety
- Qualified Professionals:
  - Environmental, Geotechnical, Structural, etc.
  - To support submittal preparation for Contractor
  - Contractor responsible for Quality Control Monitoring throughout project
- PWGSC representatives will conduct QA monitoring
- PWGSC representatives will collect confirmatory samples at excavation extents



# Contractor Requirements

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## Pre-Construction Submittals and Plans

- Health and Safety Plan and Emergency Procedures, including COVID-19 Plan
- Contaminated Soil Management Plan
- Excavation and Backfilling Plan
- Contaminated Material Transportation Plan
- Contaminated Material Disposal Plan
- Environmental Protection Plan
- Schedule
- Preconstruction As-Built Documents
- Preconstruction Condition Survey

18

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# Contractor Requirements

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## Logistics:

- Traffic management
- Housekeeping and site maintenance
- Fencing
- Site security
- Hours of work M-F 0830-1730

# Contractor Requirements

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## Contaminated Soil Excavation

- Excavation to Contaminated Extents shown on Drawings – to be validated in the field by PWGSC’s representative
- PWGSC’s representative responsible for collecting confirmatory samples
  - Confirmatory sample results to be received within 5 working days of sampling
  - Backfilling excavation prior to receipt of confirmatory sampling results is at the Contractor’s risk
  - Additional excavation may be required if confirmatory samples do not meet the remediation objectives



# Contractor Requirements

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## Contaminated Soil Transport and Disposal

- Must be authorized by a Facility Authority
- Contaminated soil transport and disposal pre-work submissions:
  - Permit
  - Letter from Contractor's QP that Disposal Facility is appropriate
  - Letter from Disposal Facility that material will be accepted
- Contaminated soil transport and disposal prepayment submissions
  - Weigh scale slips
  - Certificate of Disposal from Facility

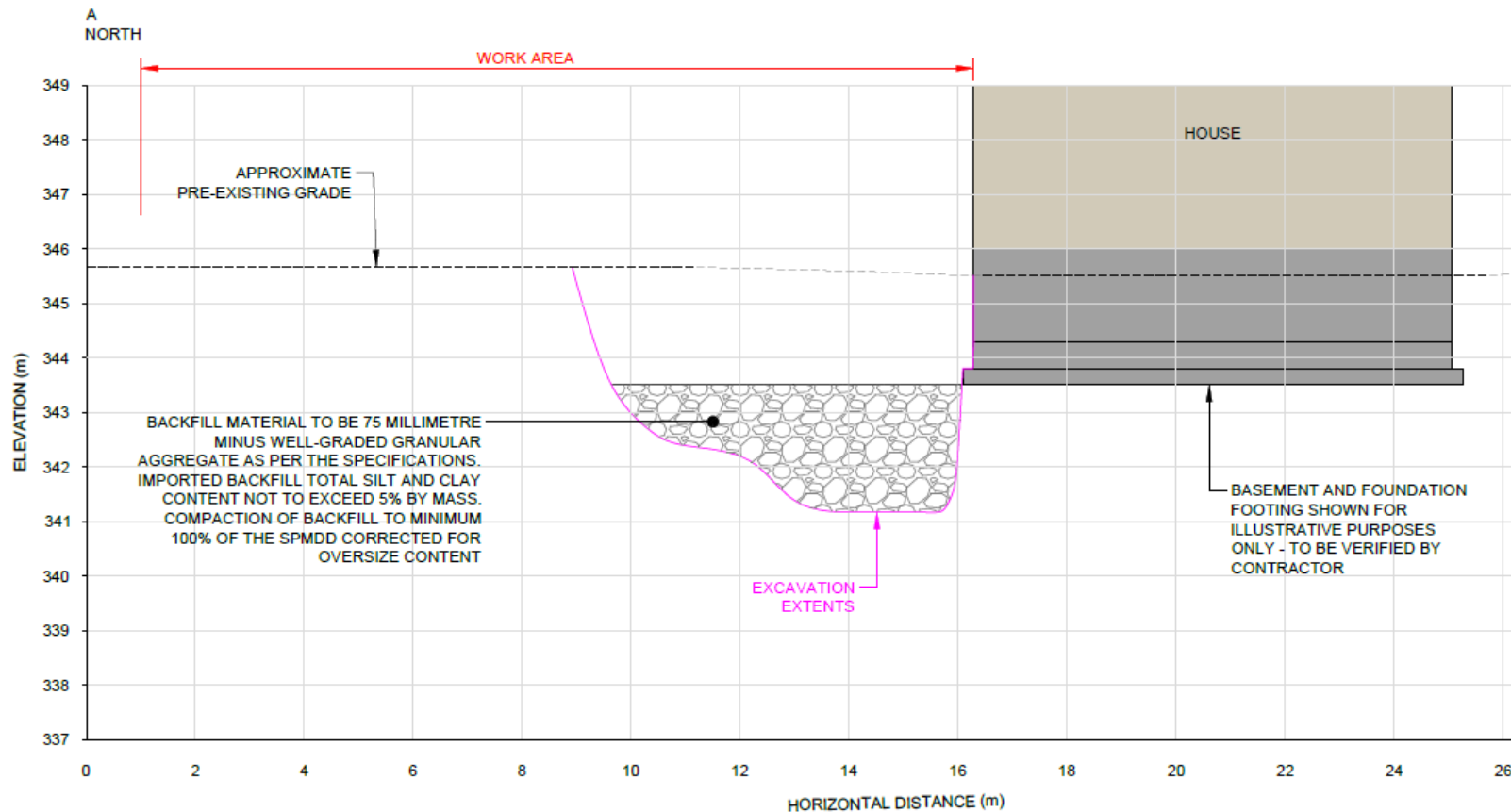
21

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# Contractor Requirements

## Backfilling and Site Restoration



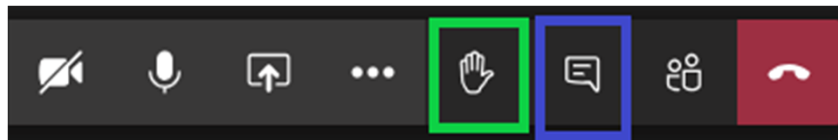
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# Video Site Tour

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- Pre-recorded video tour
- Attendees may type in specific requests to view specific site features



# Questions

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Questions from bidder's should be submitted in writing to Ken Ngan – PWGSC Contracting Authority and answers to be provided as addenda.