

REGIONAL DISTRICT OF OKANAGAN-SIMILKAMEEN

TENDER

CAMPBELL MOUNTAIN SANITARY LANDFILL AND OLIVER LANDFILL OPERATIONS

RDOS-21-FIN-11

ADDENDUM NO. 1

August 20, 2021

By this Addendum No. 1, the Tender document for the above noted Project shall be amended as specified below.

QUESTIONS RECEIVED FROM TENDERERS:

Questions received from Tenderers at the Mandatory Site Meeting on August 17, 2021 were recorded and are included below as information to all Tenderers. Additionally, questions received to date by email are answered in this addendum.

GENERAL QUESTIONS:

Question: What are the current operating budgets for each of the landfills?

Answer: The 2021 budget amount for Base Operations at the Landfills are:

- Campbell Mountain Sanitary Landfill (2021) = \$836,000
- Oliver Sanitary Landfill (2021) = \$330,000

These amounts do not include any Force Account Work.

Question: What are the remaining life spans of the landfill based on available air space?

Answer: The remaining life spans of the landfills are stated in the Annual Reports. For Campbell Mountain Landfill the remaining life is approximately 90 years and for Oliver Landfill it is about 35 years.

Question: Is there a water service on site at the CMSL?

Answer: No, there is a fire hydrant on Middle Bench Road that the contractor can use to fill a water truck and haul water to site.

Question: Could the contractor pump/draw water out of the leachate pond at CMSL?

Answer: This is not being done currently however it could be allowed following a discussion with the Regional District.

Question: Is there lots of theft on site at CMSL?

Answer: Yes, there are frequent break-ins.

Question: Is a Manager of Landfill Operations (MOLO) required to be present at both the Oliver and Campbell Mountain Landfills, or could one MOLO oversee both sites?

Answer: Each site requires a MOLO certified person be present. One person will not be able to oversee both sites.

Question: Is there power to the contractor lay down area near the face at the Oliver Landfill?

Answer: No, electrical power does not extend on the site past the scale and scalehouse.

Question: Can you provide additional operational insight or lessons learned from the past years of operation?

Answer: Tenderers can review historical annual reports to obtain more information about site operations. The 2020 Annual Report has been provided as background material for the Tender. Annual reports for 2016, 2017, 2018 and 2019 can be obtained by emailing a request to Jim Zaffino at jzaffino@rdos.bc.ca.

PART A QUESTIONS:

Question: Disqualifications of Tenders A14.1.2- "Are not accompanied by the required Bid Bond". Would you please confirm that the RDOS submitted bid is not required to provide a Bid Bond.

Answer: The RDOS submitted Tender is exempt from this clause as per Section A11.6.

Question: Regarding Section A20.3 Regional District Administration Costs, the RDOS does not have a Manager of inspections and a Manager of compliance. Why are there two managers?

Answer: The Managers to carry out inspections and compliance are current Manager positions in the RDOS at different salary points.

- If the RDOS Selling Team is successful in being awarded the Contract, the Manager of Engineering will conduct the inspections to verify compaction density is being achieved and the Manager of Finance will conduct the compliance checks on the proposed to actual budget.
- If a private firm is awarded the Contract, the Manager of Operations will conduct various monthly tasks, such as the inspections and billing verifications.
- The costs were derived by using hourly costs for specific employees that would be used during the administration of the Contract. Hours for each of the tasks for each individual were estimated and included in the calculations.

Question: In Section A21, how was the breakdown of how the position total hourly rates were calculated? The overhead of 5.1% - what was this based on? How was the vehicle hourly rate determined?

Answer:

- The position total hourly rates presented in Table A-2 of Section A20.3 includes salary and associated benefit expenses
- Overhead is the administrative cost of 5.1% that is allocated to a first tier service as part of the financial procedures.
- The vehicle hourly rate was obtained from the City of Penticton as their vehicles have an hourly rate calculated from all expenses associated with a standard pick-up truck from their vehicle fleet.

Question: Please explain how the hours were derived in Section A21, Section A22 and Section A23.

Answer:

- In Section A21, the One Time Contract Preparation Costs are a realistic estimate of time involved to prepare the Contract for execution between the Regional District and a private firm as stated in Section A21.1
- For Section A22 the Monthly Contract Administrative Cost is realistic hours to complete the tasks described in Section A22.2 and A22.3. The positions will require differing hours depending on if the Contractor is a private firm or an RDOS function.
- In Section A23, the Annual Compliance Administrative Cost, is a realistic estimate of the time required to complete the tasks outlined in A23.1 and A23.2.

PART B QUESTIONS

Question: As part of an RDOS submitted bid, will there be insurance required beyond our current policies. If so what?

Answer: Refer to Section B8.5 for requirement details.

Question: In Section B20.2 Multiple contractors will be working in the same working areas, each as prime contractor. Would you please clarify how the primary contractor will establish control.

Answer: The Regional District is prime contractor for the entire site. The Contractor will be prime contractor for their areas of Work. Procedures and delineations will be determined and prepared jointly between the Regional District and the Contractor prior to the Contractor starting activity on the Landfill Site.

Question: Are 2 operators required at the CMSL? Or could the contractor provide an operator and a spotter?

Answer: Clarification on this requirement:

- Section B20.4 is deleted and replaced as follows:

B20.4 The Contractor shall maintain sufficient employees onsite actively engaged in the Work at the Landfill during all Hours of Operation.

- Section B20.4.1 and B20.4.2 remain unchanged.
- Section D5.1 is replaced as follows:

- D5.1 The Contractor shall maintain a minimum of two (2) employees on the Campbell Mountain Sanitary Landfill during all Hours of Operation at the Landfill Site. This could include an operator and a spotter.

Question: Please confirm that the contractor will only be responsible for first aid of his/her staff and not “any person injured onsite”

Answer: Section B20.8.1 states ‘The Contractor shall supply and maintain all articles necessary for giving first-aid to any person who may be injured on the Landfill Site’. This means that the Contractor needs to be prepared to respond to any injured person on the Landfill Site.

Question: Please confirm that an Operator must be on-call 24/7 to respond to Emergency Call outs

Answer: Refer to Section B22.

- Section B22.1 states that the Contractor’s representative must be available for emergency callouts.
- Section B22.2 states that at least one person shall be available at all times outside of normal working hours.

PART C QUESTIONS:

Question: What facilities are supplied by the contractor?

Answer: Section C5 Contractor Facilities and Improvements detail out the required facilities for their employees. There are locations where the contractor can park a site trailer and use an existing metered electrical service.

Question: Is the Regional District still requiring refuse compaction of 700kg/m³ and how is it tested?

Answer: Yes, 700kg/m³ as per Section C13.2. Part G, Section G5 includes details on compaction density random testing methodology.

Question: Is there a monetary incentive to achieve compaction greater than 700kg/m³?

Answer: No.

Question: How is cover material managed?

Answer: Cover material is generally stock piled near the Active Face. There are Borrow Areas on site where cover soil can be excavated as needed. Refer to Section C16 Cover Material for details on the management of cover material. Also refer to Sections C24 Contaminated Soil, C25 Clean Soil and C26 Operationally Beneficial Materials.

Question: Is anything being diverted from the refuse before it is placed in the face?

Answer: Materials are source separated and deposited in the correct locations by the customers. Specific requirements of the Contractor for the recycling at the Landfills are detailed in Part C, Section C20 Recyclable Materials. For a full list of materials which are diverted from landfilling please see the

RDOS fees and charges bylaw: <https://www.rdos.bc.ca/assets/bylaws/landfill/2020-BL2877-Schedule5-Section7-Landfills.pdf>

Question: Is wood grinding included in the contract?

Answer: No, it is completed by Other Contractors as stated in C20.6.2.

Question: How is dry wall managed?

Answer: It is collected in the designated stockpile area and then incorporated into the Active Face. Refer to Section C20.5 Recyclable Gypsum.

Question: How are the mattresses managed on site?

Answer: Refer to Section C20.9 Mattresses and box springs for details. Fluff is managed by Other Contractors.

Question: Section C7.4 that there are suitable materials for cover onsite. The contract should clarify whether the Contractor is responsible or not for shipping materials to site should there be a short fall.

Answer: Refer to Sections C16 Cover Material

Question: The CMLF has water diversion ditches as well as road ditches. Please clarify whether the water diversion ditches are included.

Answer: All ditches, including diversion and road ditches, on the Landfill Site are included in the Base Operations.

Question: Clarify if pressure treated wood is Refuse or Recyclable material.

Answer: Pressure treated wood was incorrectly added to the list of Recyclable Materials. It is Refuse as identified in Bylaw 2925, 2021. Landfill Section C20.6.3 c) is deleted and replaced with the following:

C20.6.3 c. Contaminated Dimensional Lumber (painted, plywood)

Question: Section C.20.8.5 is incorrect based on current operations. Please clarify.

Answer: Delete Section C20.8.5 and replace with the following:

C20.8.5 Any material not suitable for crushing or reuse onsite, is to be taken to the Active Face and buried as Refuse by the Contractor.

Question: In Section C21.2.1 the number of required photos is missing. Please clarify.

Answer: The minimum number of pictures to be taken is three (3) of any non-compliant or unacceptable load.

Question: Snow Removal tasks at the two Landfill Sites require updating.

Answer: Section C 29.7.2 is deleted and replaced as follows:

C29.7.2 During winter operations, snow accumulations exceeding 3cm shall be removed and piled in designated locations from the following areas of the Landfill Site: access roads and vehicular accessible areas. In the case of the Oliver Landfill, the recycle area is also to be cleared of snow accumulations.

Question: The RDOS currently allows various contractors to access the site off hours. Please confirm that the contractor is only responsible for closing after his/her activities.

Answer: Delete Section C33.2 and replace it with the following:

C33.2 The Contractor shall ensure the gate is closed at all other times other than those hours designated for public access in Hours of Operation and from other contractor activities through approved Extra Hours Access Agreements.

PART D QUESTIONS

Question: Will the Regional District allow for substitute equipment at CMSL if it can still complete the work to the required specifications? For example, different models of compaction equipment, which can still meet the required compaction densities.

Answer: At the Mandatory Site Meeting, changes in sizing of various equipment was discussed. The sizing of the compaction units is based on existing equipment and recommended weights to achieve the compaction density. Based on the discussion and consideration of landfilling requirements, the following sections on Equipment are amended as follows:

In PART D: WORK SPECIFICATIONS FOR CMSL, Section D3 EQUIPMENT:

- Section D3.1.1 and Section D3.1.2 remain as specified in the Tender Documents.
- Replace Section D3.1.3, with the following:

D3.1.3 The compaction unit and the rubber tire loader are considered to be essential equipment items and must not be older than ten (10) years at the commencement of the Contract term and must have less than 5,000 operating hours (since new or since OEM certified full rebuild).
- Replace Section D3.1.5, with the following:

D3.1.5 One (1) minimum 2,000 imperial gallon (9,092 Litres) capacity water truck equipped with back-flow prevention, a pump and watering bar, and 50 metres of fire hose provided with fittings compatible with those of local fire departments. The truck pump must be able to spray a sustained stream at about 400 Litres/minute at 100 psi for firefighting purposes.
- Replace Section D3.1.6, with the following:

D3.1.6 One (1) water storage tank, with a minimum capacity of 4,000 imperial gallons (18,184 Litres) and fittings compatible with the local fire departments and the water truck.

- Add Section D3.1.12 as follows:

D3.1.12 One (1) additional support rubber tire loader, weighing at least 14,500 Kg (CAT 930M or larger).

Question: Who owns the steel plates located on site that are currently being used for Alternative Daily Cover (ADC) at Campbell Mountain Sanitary Landfill?

Answer: The plates are owned by the current landfill contractor. As such, Section D7 Alternative Daily Cover (ADC) is deleted and replaced with the following:

D7 ALTERNATIVE DAILY COVER (ADC)

D7.1 The Regional District does not own ADC equipment for the CMSL and therefore the use of an ADC system shall not be included in the Base Operation costs.

D7.2 It is recommended that the Contractor propose an ADC as an alternative to the Contract using Statement V in PART H for consideration.

D7.2.1 ADC system will reduce the demand for Daily Cover and will extend the available life of the Landfill Site by reducing the total airspace used each year from using less Cover Material.

D7.2.2 Reusable ADC in the form of heavy strips of conveyor belts chained together are currently used at the CMSL and are owned by the current operator.

D7.2.3 The following criteria for any proposed reusable ADC system will include:

a. Maintain constraints preventing spillage of Refuse on outside edge of Active Face at all times.

b. Development of procedures for deployment and removal of ADC, including provisions for high winds and Landfill Site safety requirements.

D7.2.4 The Contractor shall maintain an approved ADC system in good repair.

Question: How is household hazardous waste (HHW) managed on site?

Answer: As specified in Section D9 Household Hazardous Waste Depot, the Regional District is responsible for the operation and maintenance of the HHW facility. In addition to requesting the Contractor to dispose of materials into the active face if necessary, the Regional District staff may request assistance to relocate items that were inappropriately deposited at the Active Face to the HHW depot by the Contractor.

Question: The volume given in Section D6.1 seem low, please clarify.

Answer: Delete Section D6.1 and replace with the following sections:

D6.1 In the ideal configuration with Cells and Strips running parallel to one another and are geometrically sound, the estimated amount of Daily and Intermediate Cover can be calculated based on the expected daily Refuse. At this time, the ideal configurations are not being completed as the Regional District is working on sliver fill areas to recover airspace as part of the Phase 2 filling plan.

- D6.2 For the Tenderer to understand approximately how much Cover Material is used on a daily basis, the ideal configuration is being used for the calculations. The actual amount may vary due to the size of the sliver fills. For CMSL, with a typical Active Face of 20 metres in width and 15 metres in length, an advance of roughly 2.5 metres is anticipated per day for the Lift. Soil is to be added to the advance area each day at a depth of 0.3m as Intermediate Cover. The remainder of the Active Face area is to be covered with Daily Cover at a depth of 0.15m.
- D6.3 The minimum volume of Intermediate Cover for this size of advance of the Lift is estimated at about 15 cubic metres per day [20m width x 2.5 m advance x 0.3m cover depth].
- D6.4 The minimum volume of Daily Cover for this size of Active Face [20m x 10 m] is estimated at about 22 cubic metres per day [20m width x 7.5m length x 0.15m cover depth].
- D6.5 The approximate amount of Cover Material anticipated each day for the CMSL is 37 cubic metres.

Question: Please clarify what is mean by 'easy' in Section D5.6.3.

Answer: Delete Section D5.6.3 and replace with the following:

- D5.6.3 After notification and photographs are taken, if the Recyclable Materials or Contaminants can be removed safely, either by hand or with support from a rubber tired loader and dump truck, the Contractor shall relocate the Recyclable Material or Contaminants from the inappropriate area to the proper designated area.

PART E QUESTIONS

Question: Will the Regional District allow for substitute equipment at OSL if it can still complete the work to the required specifications? For example different models of compaction equipment, which can still meet the required compaction densities.

Answer: At the Mandatory Site Meeting, changes in sizing of various equipment was discussed. The sizing of the compaction units are based on existing equipment and recommended weights to achieve the compaction density. Based on the discussion and consideration of landfilling requirements, the following sections on Equipment are amended as follows:

In PART E: WORK SPECIFICATIONS FOR OSL, Section E3 EQUIPMENT:

- In Section E3.1.1, replace the size reference of '30,000 kg' with '26,000 kg' for the steel wheeled landfill compactor at the Oliver Sanitary Landfill.
- Section E3.1.2 remains as specified in the Tender Documents.
- Replace Section E3.1.3, with the following:

E3.1.3 The compaction unit and the rubber tire loader are considered to be essential equipment items and must not be older than ten (10) years at the commencement of the Contract term and must have less than 5,000 operating hours (since new or since OEM certified full rebuild).
- Replace Section E3.1.5, with the following:

E3.1.5 One (1) minimum 1,000 imperial gallon (4,546 Litres) capacity water truck equipped with back-flow prevention, a pump and watering bar, and 50 metres of fire hose provided with fittings compatible with those of local fire departments. The truck pump must be able to spray a sustained stream at about 400 Litres/minute at 100 psi for firefighting purposes.

- Replace Section E3.1.6, with the following:

E3.1.6 One (1) water storage tank, with a minimum capacity of 2,000 imperial gallons (9,092 Litres) and fittings compatible with the local fire departments and the water truck.

If a Tenderer wishes to further discuss the specified sizing, please submit your questions as required in the Tender Documents.

Question: Please clarify what is mean by 'easy' in Section E5.6.3.

Answer: Delete Section E5.6.3 and replace with the following:

E5.6.3 After notification and photographs are taken, if the Recyclable Materials or Contaminants can be removed safely, either by hand or with support from a rubber tired loader and dump truck, the Contractor shall relocate the Recyclable Material or Contaminants from the inappropriate area to the proper designated area.

Question: The volume given in Section E6.1 seem low, please clarify.

Answer: Delete Section E6.1 and replace with the following sections:

- E6.1 In the ideal configuration with Cells and Strips running parallel to one another and are geometrically sound, the estimated amount of Daily and Intermediate Cover can be calculated based on the expected daily Refuse.
- E6.2 For OSL, with a typical Active Face of 10 metres in width and 10 metres in length, an advance of roughly 2.5 metres is anticipated per day for the Lift. Soil is to be added to the advance area each day at a depth of 0.3m as Intermediate Cover. The remainder of the Active Face area is to be covered with Daily Cover at a depth of 0.15m.
- E6.3 The minimum volume of Intermediate Cover for this size of advance of the Lift is estimated at about 7.5 cubic metres per day [10m width x 2.5 m advance x 0.3m cover depth].
- E6.4 The minimum volume of Daily Cover for this size of Active Face [10m x 10 m] is estimated at about 11 cubic metres per day [10m width x 7.5m length x 0.15m cover depth]
- E6.5 Approximately 20 cubic metres per day of Cover Material is anticipated to be used at OSL.

Question: Are you not requiring certifications for Composting at the OSL?

Answer: As stated in Section E8.2 the compost must be class "A" compost and meet both OMRI and OMRR requirements.

Question: Updated operational requirements for the Oliver Landfill organics facility.

Answer: Delete Section E8.4 and replace with the following:

E8.4 Operation of the organics composting facility shall include:

E8.4.1 Properly managing and storing incoming organics as they arrive on site.

- a. It is expected that between 3,500 – 5,000 tonnes of compost material will be produced at the site. The incoming tonnage will be higher as the material reduces in size during the composting process.
- b. Incoming food waste and other organic materials will be accepted at the receiving building. The Contractor is responsible for managing the incoming organic materials. This includes ensuring received organics are blended and covered with onsite yard waste daily, to manage odours and control vectors.
- c. Depending on odours and amount of incoming organic materials, the Contractor will be responsible for tramping the small stockpile of blended organics from the receiving building to the concrete tunnel Gore Cover area. Tramping organic materials from the receiving building to the concrete tunnel should be completed before incoming materials stockpile reaches 50 tonnes or twice / week, at a minimum.
- d. It is the Contractors responsibility to ensure the receiving building and composting facility is kept clean and free from windblown litter and other contaminants. Wash down hydrant and hosing will be provided by the Regional District for washing of building, equipment and pads.
- e. It is the Contractor's responsibility to remove obvious contaminants during the receiving process. These items include plastics and other non-organic materials.
- f. Estimated hours for managing incoming organics – include in Base Operations
 - i. It is expected that approximately 2hrs of labor time will be required each week to clean the receiving building.
 - ii. It is expected that approximately 4hrs of labor time will be required each week to monitor, track and input monitoring data for moisture and temperature control.
 - iii. It is expected that approximately 4 hours of labor time will be required each week to manage the covers / tarps during relocation of organics from receiving building to gore tunnel #1.
 - iv. It is expected that approximately 2 hours per week of equipment time will be required to tram received organics from the receiving building to gore tunnel #1.

E8.4.2 Gore Cover Composting

- a. Once materials (blended incoming organics with onsite yard waste) are trammed from receiving building to the gore tunnel #1, active composting will commence.
 - i. Each tramping event from the receiving building to the first Gore tunnel will be the responsibility of the Contractor.
 - ii. During each event, the gore tarp / cover must be rolled off the pile, organic feedstock from receiving building is to be added to active compost pile and the Gore Cover must be rolled back over the pile.
 - iii. If moisture addition is required, it must be completed at this time.
- b. Each gore tunnel pile will need to be flipped from tunnel #1 to tunnel #2 and then from tunnel #2 to the curing pad, approximately every 6 weeks.

- c. The gore tunnels will have aeration piping underneath the piles and management of aeration piping, removal, extension and operations of aeration system is the responsibility of the Contractor.
- d. If moisture content within any one pile is insufficient in moisture, it is the responsibility of the contractor to supplement with onsite water as needed from the collected leachate in the underground storage tanks or the clean water hydrant. Clean water should be used as moisture and odor control within the receiving building and when sufficient leachate is not available.
- e. It is anticipated that approximately 250 equipment hours per year will be required to manage compost materials from gore tunnel #1 to curing and screening pad, for all events. This activity is to be included in the Base Operations.

E8.4.3 Screening and curing and management of end products for sale.

- a. It is the responsibility of the Contractor to move all final composted materials from the gore tunnel #2 to the curing and screening area.
- b. Once the composted materials have cured, the Contractor will notify the Regional District to schedule a screening event at the Landfill Site. The Regional District will arrange for screening unit to be brought to the Site for the Contractor to use. The Contractor will be responsible for screening the cured compost.
- c. It is expected that approximately 100 hours of screening time is required annually. This activity is to be included in the Base Operations.
- d. Once compost product is screened and cured, it is the responsibility of the Contractor to tram all product from the curing and screening area to the end product storage area.
- e. The Regional District and the Contractor will discuss and mutually agree to scheduled times during the Hours of Operation for compost sales. The Contractor will be responsible for loading residential and commercial vehicles with compost within 15 minutes when directed by the Scale Attendant staff. Loading time for all compost orders will be by Force Account Rates.
- f. All screened out 'Overs' will need to be re-introduced back into the system. It will be the responsibility of the Contractor to do so by stockpiling all overs throughout the summer months and use as cover for odor and vector control during the winter months, when incoming yard waste slows down.

E8.4.4 Equipment Systems

- a. Aeration System - It will be the responsibility of the Contractor to operate the aeration blowers and HDPE aeration piping. This includes moving, extending or removing aeration piping as required and ensure aeration system is operational. This work is part of the Base Operations.
- b. Leachate Collection and Re-circulation system – it will be the responsibility of the Contractor, as part of Base Operations, to maintain all leachate collection and recirculation systems including but not limited to the following:
 - i. Cleaning and maintaining all drains, piping and underground tanks, manholes.
 - ii. Operation of the re-circulation pumping system to apply collected leachate to the compost piles for moisture control.

E8.4.5 Monitoring Composting Process

- a. Composting piles in the two tunnels will need to be monitored for temperature to protect against spontaneous combustion. Temperatures shall be measured and recorded every 2-3 days. Temperatures shall be measured at multiple points in each tunnel to ensure a representative temperature is recorded. This activity is part of Base Operations.
 - i. Monitoring equipment – It will be the responsibility of the Contractor to ensure all monitoring is completed as per the above. The RDOS will provide the following
 1. 1 oxygen sensor per pile
 2. 1 temperature sensor per pile
 3. 1 controller per pile
 4. iPad case and software for inputting, logging and storing all data during monitoring events.
- b. In order to meet the requirements for OMRR and OMRI composting, the temperature within the tunnel must exceed 55°C for any 15 days in the composting process. The days do not need to be consecutive.
- c. Once the compost period is complete and the required temperatures have been achieved, 7 representative samples for each 1000 tonnes of finished material produced will be obtained and tested by the Regional District.

E8.4.6 Approximate Labor and Equipment Usage for Composting Operations – based on final compost end product being approximately 3,750 tonnes / year. As the composting facility is not yet operational, these proposed hours in previous sections may change. For the Tender, these times will be included in the Base Operations or in Force Account Rates as specified. If deviations in the actual hours require adjusting the Base Operations Rate, the Regional District and Contractor will jointly determine and agree to any changes.

Question: is there an updated drawing available for the OSL compost facility?

Answer: Yes, the drawing is included on the next page.

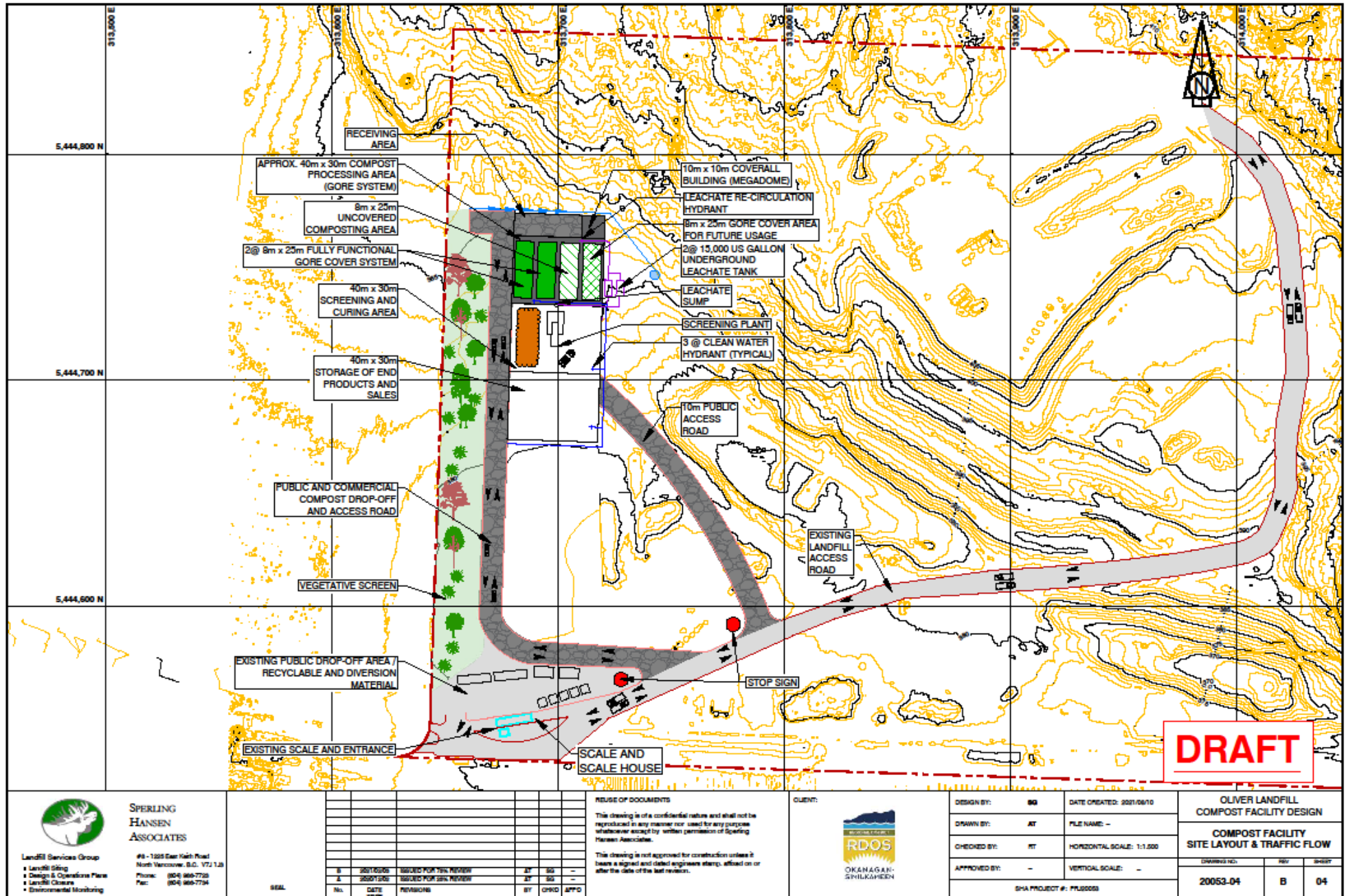


Figure E-3: Drawing showing proposed composting facility location that is scheduled for construction in 2022.

PART F QUESTIONS

Question: Section F6.10 refers to controlled burns, is this correct? Please clarify.

Answer: The RDOS does not allow controlled burns on the landfill sites as implied in Section F6.10. To correct this error, delete Section F6.10 and replace with the following.

F6.10 The Contractor shall be fully responsible for the full cost of fighting any fire that is caused by the Contractor's negligence. This would include fire initiation from hot work such as welding.

Question: Please clarify the emergency response reimbursement discussed in Section F7 for normal working hours and for non-normal working hours.

Answer: If an emergency response is required during regular normal working hours, it is considered to be covered under the Base Operations. If the Contractor is performing work outside of the normal working hours, the Contractor will be paid using Force Account Rates.

PART H UPDATES

These tables are to be replaced with the following updated versions on the subsequent pages:

TABLE S5-1A: Equipment Force Account Rates for only CMSL

TABLE S5-2A: Equipment Force Account Rates for only OSL

TABLE S5-3A: Equipment Force Account Rates for CMSL

TABLE S5-3C: Equipment Force Account Rates for OSL

PART H: SCHEDULES AND STATEMENTS – Revised page

OPTION 1: TABLE S5-1A: EQUIPMENT FORCE ACCOUNT RATES FOR CMSL (Revised)					
Equipment Description (PART D, Section D3)	Model / Year	Own (O) Sub (C)	Cab HVAC (Y/N)	Hourly Rate	Overtime Hourly Rate
Landfill Compactor 30,000 Kg or larger (with New Wheels)					
Loader with Rubber Tires 18,000 kg or larger					
Articulated Rock Truck 25 tonne or larger					
Water Truck 2,000 Imperial gallons or larger					
Excavator with hydraulic thumb 20,000 kg or larger					
Loader with Rubber Tires 14,500 kg or larger					
Truck for Roll off bins					
Motor Grader					

OPTION 1: TABLE S5-1B: PERSONNEL FORCE ACCOUNT RATES FOR CMSL			
Name	Occupation	Hourly Rate	Overtime Hourly Rate
	Manager		
	Superintendent		
	Operator		
	Attendant		
	Mechanic		

PART H: SCHEDULES AND STATEMENTS – Revised page

OPTION 2: TABLE S5-2A: EQUIPMENT FORCE ACCOUNT RATES FOR OSL (Revised)					
Equipment Description (PART E, Section E3)	Model / Year	Own (O) Sub (C)	Cab HVAC (Y/N)	Hourly Rate	Overtime Hourly Rate
Landfill Compactor 26,000 Kg or larger (New Wheels)					
Loader with Rubber Tires 12,500 kg or larger					
Water Truck 1,000 Imperial gallons or larger					
Motor Grader					

OPTION 2: TABLE S5-2B: PERSONNEL FORCE ACCOUNT RATES FOR OSL			
Name	Occupation	Hourly Rate	Overtime Hourly Rate
	Manager		
	Superintendent		
	Operator		
	Attendant		
	Mechanic		

PART H: SCHEDULES AND STATEMENTS – Revised page

OPTION 3: TABLE S5-3A: EQUIPMENT FORCE ACCOUNT RATES FOR CMSL (IF AWARDED BOTH CMSL AND OSL CONTRACTS) (Revised)					
Equipment Description (PART D, Section D3)	Model / Year	Own (O) Sub (C)	Cab HVAC (Y/N)	Hourly Rate	Overtime Hourly Rate
Landfill Compactor 30,000 Kg or larger (with New Wheels)					
Loader with Rubber Tires 18,000 kg or larger					
Articulated Rock Truck 25 tonne or larger					
Water Truck 2,000 Imperial gallons or larger					
Excavator with hydraulic thumb 20,000 kg or larger					
Loader with Rubber Tires 14,500 kg or larger					
Truck for Roll off bins					
Motor Grader					

OPTION 3: TABLE S5-3B: PERSONNEL FORCE ACCOUNT RATES FOR CMSL (IF AWARDED BOTH CMSL AND OSL CONTRACTS)			
Name	Occupation	Hourly Rate	Overtime Hourly Rate
	Manager		
	Superintendent		
	Operator		
	Attendant		
	Mechanic		

PART H: SCHEDULES AND STATEMENTS – Revised page

OPTION 3: TABLE S5-3C: EQUIPMENT FORCE ACCOUNT RATES FOR OSL (IF AWARDED BOTH CMSL AND OSL CONTRACTS) (Revised)					
Equipment Description (PART D, Section D3)	Model / Year	Own (O) Sub (C)	Cab HVAC (Y/N)	Hourly Rate	Overtime Hourly Rate
Landfill Compactor 26,000 Kg or larger (New Wheels)					
Loader with Rubber Tires 12,500 kg or larger					
Water Truck 5,000 Litres or larger					
Motor Grader					

OPTION 3: TABLE S5-3D: PERSONNEL FORCE ACCOUNT RATES FOR OSL (IF AWARDED BOTH CMSL AND OSL CONTRACTS)			
Name	Occupation	Hourly Rate	Overtime Hourly Rate
	Manager		
	Superintendent		
	Operator		
	Attendant		
	Mechanic		

End of Addendum No. 1

Signature of Proponent

Note: Proponents shall indicate the acknowledgement of the receipt of all the addendums.