

REGIONAL DISTRICT OF OKANAGAN-SIMILKAMEEN

TENDER

CAMPBELL MOUNTAIN SANITARY LANDFILL AND OLIVER LANDFILL OPERATIONS

RDOS-21-FIN-11

ADDENDUM NO. 2

August 31, 2021

By this Addendum No. 2, the Tender document for the above noted Project shall be amended as specified below.

QUESTIONS RECEIVED FROM TENDERERS:

Questions and comments received from Tenderers are answered in this addendum.

GENERAL QUESTIONS:

Comment: There appears to still be some confusion on the sizing of the equipment for the Landfill Sites. As such, additional details are as follows:

- **The equipment specifications are MINIMUMS. The equipment is to be suitably sized to perform the compaction required and all tasks.**
 - Refer to Section G5 and G6 for information on how the compaction will be monitored.
 - Refer to Section G8 for information on Liquidated Damages if the compaction required is not achieved.
- **Question received:** It appears that CMSL volumes over the scales have increased dramatically over the past 5 years. How was the equipment spec'd as it appears that it may be undersized?
 - **Answer:** In the specific case of the landfill compactor, the weight given is the MINIMUM the RDOS would accept in a Tender.
 - A heavier compactor would require less passes on the Refuse to achieve the required compaction.
 - The choice is up to the Contractor on what size is suitable to perform the Work.
- **The Contractor must include ALL the equipment necessary to perform the Work.**
 - Section D3.1 and E3.1 state *"The Contractor shall supply, license and safely operate, any Equipment necessary to maintain the Landfill Site in full compliance with these Tender Documents and meet all applicable regulatory and performance requirements."*
 - This means that if the Equipment isn't specifically listed in the Tender Documents, but it is required to perform the Work, the Contractor needs to include any such

- equipment in the Tender. Any other equipment is to be listed on the appropriate Force Account Rate table in PART H or add an extra sheet if more room is needed to list the equipment.
- The RDOS is relying on the professional knowledge of the Contractors to determine the correct types and sizing of Equipment to complete the Work.
 - The Annual Reports for both CMSL and OSL include the listing of the equipment used in the operation of the facility. See page 8 of the Annual Report for the CMSL and page 6 of the Annual Report for the OSL.
 - **Question received:** Will the contractor be allowed to renegotiate pricing if it is deemed that the equipment is either undersized or there is a need for more pieces of equipment to successfully operate the landfill as a prudent city would expect?
 - **Answer:** No, the Contractor needs to identify and include all the necessary equipment to perform the Base Operations
 - The one exception to this response will be the Oliver Landfill Organics Facility. As the facility is not yet operational, the equipment required is estimated. Once the system is fully operational, negotiated changes may be considered if equipment is removed or added to the operations.

Question: Can the contractor self-insure his equipment?

Answer: No, the Contractor cannot self-insure their equipment.

Comment: Clarification on the current operating budgets for each of the landfills based on the annual contract dates of June 1, 2020 to May 31, 2021:

Answer: The 2021 budget amount provided in Addendum No.1 were unclear and for a calendar year, not the annual contract term. The following numbers replace the previously provided numbers.

- Campbell Mountain Sanitary Landfill (June 1 2020 to May 31 2021)
 - Base Contract (based on Base +Tonnage) = \$683,236 + GST
 - Force Account Work \$241,898 + GST
- Oliver Sanitary Landfill (June 1 2020 to May 31 2021)
 - Base Contract (based on Base +Tonnage) = \$296,825 + GST
 - Force Account Work \$74,308 + GST

PART B QUESTIONS

Question: Is it expected that the spotter [Contractor's employee] at the working face have access to an office or truck to stay warm or cool during inclement weather?

Answer: It is expected that all WorksafeBC requirements will be met for the health and safety of the Contractor's employees in all situations.

Question: How many other employees on site does the RDOS expect for the contractor to fulfill other duties such as bulking piles, loading trucks, hauling cover material, turning compost rows, plowing snow, maintaining roads etc.?

Answer: The number of employees on site to fulfill Base Operation Work requirements is up to the Contractor. It is anticipated that 1-3 Contractor employees would be working at CMSL at any given time and 1-2 Contractor employees would be working at OSL at any given time depending on the Work being completed.

- At CMSL, the RDOS has 2 or 3 employees onsite during Hours of Operation
 - Scale attendant and spotter(s)

- At OSL, the RDOS has 1 employee onsite during Hours of Operation
 - Scale attendant

Question: Currently the RDOS is the Prime Contractor at CMSL, is the intent to change prime status back to the contractor? How will that work given that there are RDOS staff on site? Will workplaces be delineated, or will the contractor oversee workplace issues at the City of Penticton composting yard? Wood processing, scrap metal, mattress recycling areas?

Answer: To further clarify the response on Prime Contractor for the Landfill sites from the first addendum and to answer additional questions:

- The Regional District is Prime Contractor for the following specific areas:
 - Scalehouse and scale
 - RecycleBC area – residential recycle area near scalehouse
 - At CMSL, areas also include
 - Office building
 - Collection areas for recyclables that are collected, processed and/or hauled off site by Other Contractors.
- The Contractor will be Prime Contractor for all of the areas of the landfill where Base Operations are carried out including, but not limited to:
 - Active Face and Controlled Waste Cells
 - Access routes, ditches and Cover Material stockpile areas
 - Areas of Work while performing Force Account Rate tasks
 - At OSL, all areas past the scale and residential recycle area
- At CMSL, the City of Penticton is Prime Contractor for their composting facility area
- **Procedures and final delineations of Prime Contractor status will be determined and prepared jointly between the Regional District and the Contractor prior to the Contractor starting activity on the Landfill Site.**

PART C QUESTIONS:

Question: A follow-up to the question in Addendum No.1: *The CMLF has water diversion ditches as well as road ditches. Please clarify whether the water diversion ditches are included.*

Answer: As stated in Addendum No.1, all ditches, including diversion and road ditches, on the Landfill Site are included in the Base Operations. A drawing of the ditch locations was also to be included but was missed before the addendum's release. The last three pages of this addendum are taken out of the 'Campbell Mountain Landfill Operations Manual for Drainage Network and Pond' and provides the drainage ditch layout and maintenance requirements.

Question: Are fill plans located anywhere as it appears filling at both sites will progress on the outer terraces of the landfill face for quite some period?

Answer: Filling plans are available in the provided Design Operations and Closure Plans (DOCP) for each landfill. Links are provided in Section C1.1.10 of the Tender Documents. For ease of accessing the documents here are the links to the reports again:

CMSL DOCP report – See Sections 3 and 6

<https://www.rdos.bc.ca/assets/RFPS-TENDERS/CMSL-DOCP-Report-072016-PRJ15061.pdf>

OSL DOCP report – See Section 7

<https://www.rdos.bc.ca/assets/RFPS-TENDERS/OSL-DOCP-20100623-CRA-Ref.No.-049846.pdf>

Upon reviewing the OSL report, it is noted that several figures are missing, specifically the filling plans.

These can be accessed at the following link: <https://file.rdos.bc.ca/index.php/s/3M5MB89QX9mz84I>

If any Tenderer has difficulty accessing and downloading these documents, please contact Jim Zaffino at jzaffino@rdos.bc.ca.

Question: Will the contractor get paid at a forced account rate to bulk up piles of “off-site” cover material that is hauled to the landfill by others? There appears to be thousands of tonnes brought on site in the last few years.

Answer: Refer to C16.1 – The Contractor is responsible for the strategic stockpiling and placement of all operational Cover Materials. This is part of the Base Operations. For details, here are some scenarios:

1. Cover Material in the designated stockpile area needs to be bulked up and shifted to make room for additional cover material and efficiently use the stockpile area available space. This activity is part of the Base Operations.
2. The Contractor has to relocate a pile of material that was not originally intended for operational Cover Material that is not located in the stockpile area. The relocation of this material into the stockpile area would be paid by Force Account Rates.
3. Any blending of cover materials, such as if soil and wood chips are blended before being used as cover, is part of the Base Operations.

Question: Are there quantities of expected face berm constructions at either sites? I.e. Linear or soil volumes? Is this at an extra forced account rate?

Answer: Refer to Section C18. Face Berm construction is part of the Base Operations. The expected linear measurement or soil volumes would vary depending on the location of the Active Face – such as sliver fill areas or wide flat areas that can hold numerous Cell widths. No estimates are provided.

Question: Are there quantities available for the volume of ground organic material to be spread on the outer edges of the slope for aesthetics and erosion control?

Answer: No, it is the chipped volume of commercial yard waste after it has been windrowed for some composting activity.

Question: Can you explain what constitutes “Clean” gypsum? Is it considered to be drywall that has been tested for asbestos or date stamped prior to 1990? Who does the inspection of the incoming gypsum to ensure there is no asbestos?

Answer: Clean gypsum is Gypsum that has been assessed as free from Asbestos Containing Material (ACM) or gypsum from new construction.

- The RDOS scale attendant will direct customers to the gypsum facility.
- As Section C20.5.3 indicates, gypsum is not transported off site at this time. As such, no further inspections are currently completed on incoming gypsum so the RDOS is unable to guarantee that a pile of gypsum is ACM free. The collection of the material is still completed to encourage source separation for a future market.
- In response to the question regarding inspection, please delete Section C20.5.2.

Question: Are there volumes for the gypsum and asphalt shingle loading somewhere? Are either of those waste streams hauled away by others or do they remain on site and would be moved in the rock truck?

Answer: Refer to the Annual Reports for amounts. Refer to Section C20.5.3 for gypsum. The gypsum is to be transported onsite to the Active Face. Refer to C20.10 for asphalt shingles. The asphalt shingles would be loaded into Other Contractor’s vehicle for transport off the site.

Question: Does the RDOS allow pre-hour tipping at both CMSL and OSL? Is that considered to be Hours purchased by the public?

Answer: Yes, both landfills allow pre-Hour of Operation tipping as long as an agreement is in place between the RDOS and the hauler for the Extra Hours Access. Refer to Section C4 for details. Hours purchased by the public are not the Extra Hours Access and would be outside of normal Base Operations. Refer to Section F1.

Question: Is a Fire Response Plan (FRP) expected?

Answer: The RDOS has an Emergency Response Plan prepared for each landfill that includes fire responses. The Contractor will need to understand the contents prior to starting work onsite.

PART D QUESTIONS

Comment: Addendum No.1 included an incorrect statement in Section D3.1.5. The corrected amendment is as follows: Replace Section D3.1.5, with the following:

D3.1.5 One (1) minimum 4,000 imperial gallon (18k+ 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.

PART E QUESTIONS:

Comment: Addendum No.1 included an incorrect statement in Section E3.1.5. The corrected amendment is as follows: Replace Section E3.1.5, with the following:

E3.1.5 One (1) minimum 2,000 imperial gallon (9k+ 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.

Question: When is it expected that the GORE composting system will be up and running at OSL?

Answer: Spring/summer of 2022

Question: Is there any specialized training or certification that the contractor will need to provide to conform to OMRR regulations?

Answer: No there isn't any special certification required however the contractor should be familiar with OMRR regulations <https://www2.gov.bc.ca/gov/content/environment/waste-management/food-and-organic-waste/regulations-guidelines>

Question: Is the contractor expected to "hand pick" contaminants from the organics and food waste as it arrives and prior to bulking the pile?

Answer: Generally no, but depending on the contaminant it could be required. For instance if the Contractor sees a car battery in the organics stream we would expect it to be removed before starting the composting process. Other contaminants like kitchen utensils, which would not affect the composting process can be bulked with the organics and removed during the final screening process, with other over material.

PART F QUESTIONS:

Question: Is any inert material that is hauled and restoration works undertaken due to a fire at a forced account rate?

Answer: Yes, unless the fire was caused by the Contractor's negligence, in which case the Contractor would be responsible for the costs.

Question: Please confirm that Landfill Standby Emergency Call Out/Emergency Responders must be Machine Operators capable of operating all equipment.

Answer: Yes they must be certified to operate the equipment.

End of Addendum No. 2

Signature of Proponent

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

Campbell Mountain Landfill Operations Manual for Drainage Network and Pond



PREPARED FOR: REGIONAL DISTRICT OKANAGAN SIMILKAMEEN

PREPARED BY: SPERLING HANSEN ASSOCIATES

December 2018

PRJ15061



**SPERLING
HANSEN
ASSOCIATES**



- Landfill Services
- Land Reclamation
- Corporate Management
- Groundwater Hydrogeology



4.2 Headwalls Maintenance

A series of headwalls were also installed as part of the Phase 1 Environmental Upgrades. These headwalls should be inspected on an annual basis for any blockages or debris that may be obstructing the water flow. Any bolts or nuts missing from the grate should be replaced immediately.

4.3 Pipes and Culverts Maintenance

If there are any blockages that constrict flow in any of the pipes, the closest manhole/cleanout should be identified and used to clear the blockage. The solid pipes should be inspected with a camera every two years. If necessary, the lines should be flushed with jetting equipment or a tanker full of clean water. High pressure pigging of lines should be performed if flushing does not fully clean lines.

All above ground joints, valves and pipes should be inspected annually for cracks, frost damage or other deterioration each spring after all snow has receded. Repairs should be undertaken immediately.

4.4 Maintenance on Open Ditching

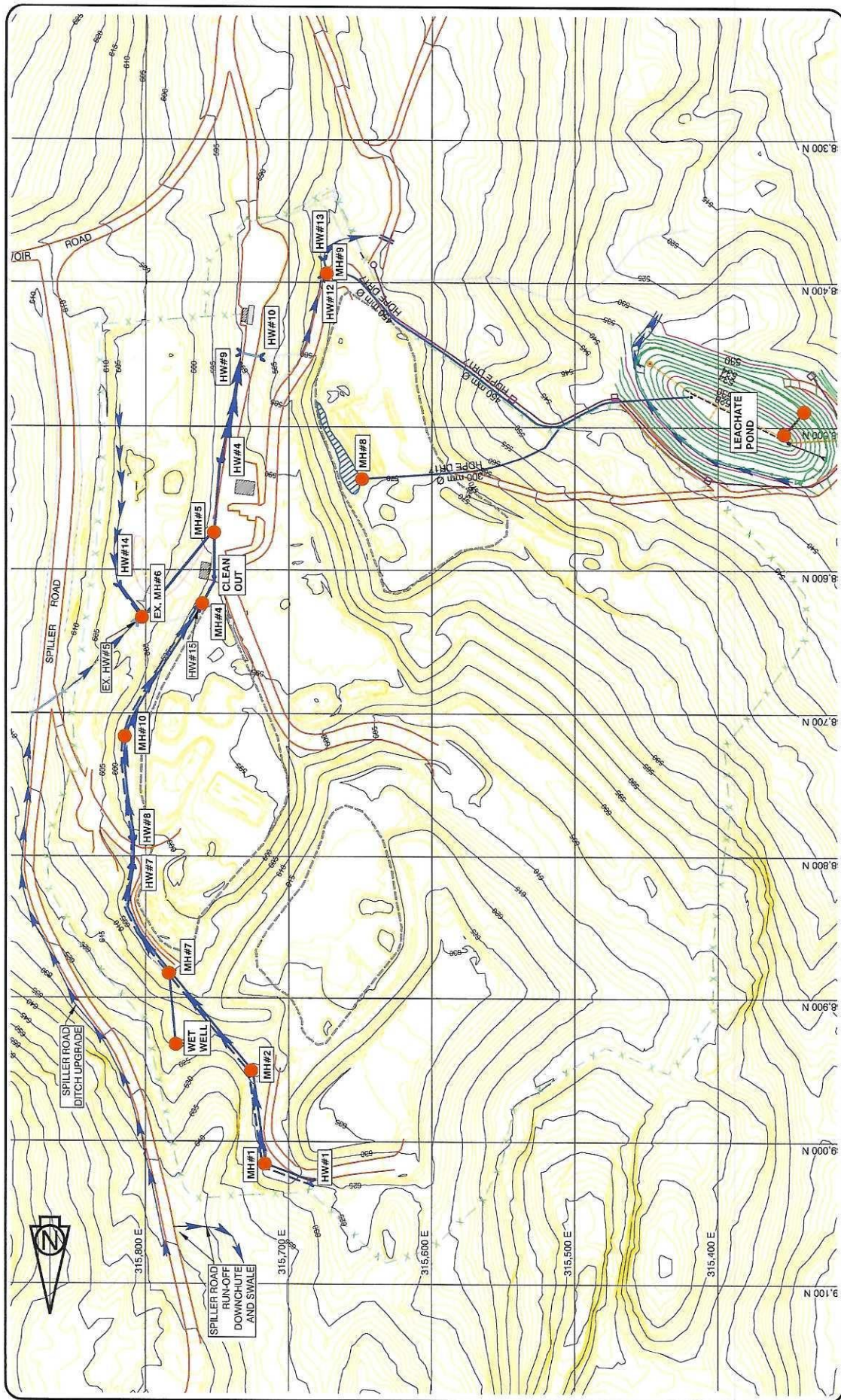
Proper surface water flow shall be maintained within the drainage ditches. All on-site ditches and culverts shall be maintained as described below so that the design drainage characteristics of the CML are upheld.

- a) All on-site ditches and culverts shall be maintained so that drainage characteristics of the upgrades are maintained as directed by the RDOS.
- b) All surface water ditches shall be inspected on an annual basis and immediately after any storm event and all debris from ditches and culverts to be removed and drainage controls repaired so as to prevent surface water erosion and/or diversion.
- c) All ditches and culverts shall be kept clear of soil, litter, tall grass, and weeds and a clear drainage path shall be maintained in on-site ditches at all times.

5 SURFACE WATER AND INTERCEPTED GROUNDWATER DRAINAGE NETWORK

As described in Section 2.1 the surface water drainage ditches and groundwater interceptor diversion network are divided into five (5) different sections and are provided below for reference.

Drainage upgrades from MH#1 to MH#4;
Drainage upgrades from MH#4 to HW#9;
Drainage upgrades along Spiller Road;
Drainage upgrades in Upland Wood Waste Area; and
Drainage upgrades from HW#9 to Pond.



SCALE	DATE	PROJECT NO.
1:2,500	2018/12/03	PRJ 15061
DESIGNED	IB	DRAWING NO.
DRAWN	MG	
CHECKED	TS	

TITLE
CONFINED SPACE LOCATIONS WITHIN THE ENVIRONMENTAL UPGRADES SYSTEM

PROJECT
CAMPBELL MOUNTAIN ENVIRONMENTAL UPGRADES OPERATIONS AND MAINTENANCE MANUAL



HEADWALL	HEADWALL
ELECTRICAL CONDUIT	ELECTRICAL CONDUIT
STORM WATER DITCH	STORM WATER DITCH
LEACHATE COLLECTION DITCH	LEACHATE COLLECTION DITCH
CULVERT/PIPE	CULVERT/PIPE
FRENCH DRAIN/LEG PIPING	FRENCH DRAIN/LEG PIPING

5m EXISTING CONTOUR	5m EXISTING CONTOUR
1m EXISTING CONTOUR	1m EXISTING CONTOUR
5m ASBUILT CONTOUR	5m ASBUILT CONTOUR
1m ASBUILT CONTOUR	1m ASBUILT CONTOUR
ROAD	ROAD
CONFINED SPACE LOCATIONS	CONFINED SPACE LOCATIONS

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