



**Invitation to Tender ES-09-06
Compaction and Cover Services – Foothills Boulevard Regional Landfill
Mandatory Site Meeting – Thursday, April 30, 2009, 9:00 a.m.**

Questions and Answers

1. Can sawdust by itself be used for cover?

Sawdust has to be mixed as set out in the contract at a ratio of 3:1.

2. How big is the borrow pit area?

The Landfill site is approximately 160 acres.

3. How much deeper will the borrow pit go?

The borrow pit must stay at its current depth within the permit area. The current design is under review.

4. How much soil is anticipated to come out of the borrow pit?

50,000 m³ average per year. Last year was approximately 52,000 m³. It is hoped to decrease this amount by using alternate daily cover.

5. How much sawdust will have to be hauled?

Depends on the availability of the sawdust.

6. Will the Regional District pay for on-site hauling of stock piles?

This is hard to address because the active face moves. It is up to the bidder to calculate this expense. The Regional District will, within reason, pay for stockpiles to be hauled at distances that cannot be pushed but staff will work within the contract to plan out effective stockpile areas.

7. How carefully must the soil be mixed with the sawdust?

The ratio is 3 to 1, Soil to Sawdust. It must be mixed thoroughly for fire protection measures.

8. How much sawdust comes in to the site?

It depends on the activities going on at the time. Availability of sawdust has not been an issue to date.

9. Is the amount of tonnage changing?

It has been steady over the last few years, although the Regional Solid Waste Management Plan addresses reducing waste. The Regional District is working with the City towards diverting garbage and is looking forward to a gradual reduction of 37% over the next 5 years.

It is suggested that interested contractors read the Regional Solid Waste Management Plan available on the Regional District website.

10. Will garbage from other landfills eventually come to the Foothills landfill?

There is a possibility that the Mackenzie and Legrand Landfills will close. There is still space at the Mackenzie Landfill. Legrand receives demolition materials only. Current Regional District facilities will be reviewed.

11. Wood waste can cause voids which will require more cover. Is it mixed in with the regular garbage?

Demolition materials are mixed in with the household refuse. The procedure factors in fluff and compaction factors. Regional District staff and contractor will work together on measurement to come to an agreeable amount.

12. What is the frequency of compaction tests?

Compaction tests are twice a month.

13. Will the Regional District pay for on-site hauling of stock piles?

This is hard to address because the active face moves. It is up to the bidder to calculate this expense. Only if it is required somewhere else, but this is where planning is required to limit piling too far from the active face so refuse can be pushed without wasting daily cover.

14. For daily cover, is 4" good?

6" is procedure. When calculating, the amount is rounded up to account for waste and voids.

15. Is the contractor required to leave the site at the end of the Regional District staff work day?

The site closes at 7:00 p.m., but hauling companies usually only work until 5:00 p.m. so there is adequate time to do cover. The contractor is also provided with a key to the Landfill. The Regional District tries to limit loads to the active face during the last hour of business. However, there are exceptions.

16. How many tarps will be required?

You should be able to operate with 2 – 3 tarps and 1 spare tarp that measure 25 x 30 metres to 30 x 35 metres. The face area is approximately 700 sq. metres. It is left to the manager's discretion.

17. How many of the contractor's employees will be required to have SWANA certification?

At least one employee on site at any one time. The more of the contractor's staff that are certified, the better and, certainly, the onsite supervisor.

18. Are there fire fighting requirements?

Yes. Please refer to the contract document.

19. Who is responsible for the litter fences?

The contractor is responsible. This is a new item in the contract. The fence has to be adjusted to the moving of the active face.

20. Will the new contractor be responsible for existing litter?

Staff will look at doing a clean-up which will be discussed with the successful bidder.

21. How many hours to do scatter?

Shouldn't have to do scatter. Shouldn't have to worry about scatter. Scatter should be minimal.

22. Who's responsibility is it to take care of scatter on the road from un-tarped trucks to the active face?

Landfill staff.

23. Will the contractor be responsible for snow removal?

Snow removal is handled under another contract. Marshalling pads and tipping pad are within the successful bidder's responsibility as outlined in the contract document.

24. How much time is expected to be spent cleaning up scatter?

Regional District staff spends approximately 2,000 hours a year cleaning up the site. As per the contract, the contractor will be required to clean up certain scatter and if failing to do so, the Regional District will have the option to fine the contractor. Billing the contractor for works will be more expensive than the contractor hiring staff to do it.

25. Can we use soil by itself to cover?

No. The Regional District wants to use ADC because by covering with ADC and using soil only once a week as firebreak ultimately saves air space which saves cover.

26. What is the amount of cover required for a Fire break?

If ADC is used on a daily basis, 6" of soil should be used weekly. For intermediate cover, 12" of soil should be applied to areas filled more than 30 days (as per regulations and permit).

27. Does equipment need to meet certain weight requirements?

Yes. Primary equipment must meet weight and year requirements as set out in the contract. If necessary, a backup, secondary equipment not meeting requirements may be used within reason (ie. 1 or 2 years older on an emergency basis).

28. Is a separate area required for asbestos?

Asbestos is placed in a designated area of the active face and is maintained as long as possible in that place. Asbestos is covered immediately as per Ministry of Environment requirements.

29. Is building earthen berms an extra?

As set out in the contract, the Regional District pays for material haul if free haul is not available.

30. What extra work outside the contract is anticipated?

There is no way to predict what the requirements will be from month to month.

31. Face will go to metal pile and back again?

Yes. Filling will be done in this area for approximately one year.

32. Is the present area where the active face will stay?

Review of design and operations plan is in the works. We will work with the contractor on a regular basis to define the active face area as needed.

33. Not allowed storage facilities without the Manager's approval. Can a proposal be given to the Regional District?

Yes.

34. Will power be available for plug-ins?

No. The contractor must provide their own power on site.

35. Has there been much trouble with vandalism at the landfill?

Yes. The last couple of months, gas has been siphoned from the landfill trucks seven times. There are security cameras and an alarm system installed.

36. Is composting taken care of in a separate contract?

Yes.

37. Will the contractor be responsible for the metal pile?

The contractor will only be responsible for maintenance of the metal pile.

38. What is the estimate of number of loads of cover a day?

The amount of loads varies on the area of active face to be covered.

Sealed Tenders, will be received by Diane Hiscock, General Manager of Financial Services, Regional District of Fraser-Fort George, 155 George Street, Prince George, BC up to 10:00 a.m. on Monday, May 11, 2009. Tenders must be sealed and returned in an envelope labelled "COMPACTION AND COVER SERVICES - FOOTHILLS BOULEVARD REGIONAL LANDFILL Contract ES-09-06". Responding organization or individual must have their name and full mailing address clearly marked on the outside of the tender envelope. Tenders will be opened in public at 10:15 a.m. on Monday, May 11, 2009 at the Regional District Offices at 155 George Street.

If you have any questions or require clarification please contact:

Dana Ferguson, Operations Leader (250-960-4470)

or

Petra Wildauer, General Manager of Environmental Services (250-960-4483)

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