



Minutes of the Mandatory Site Meeting

**Invitation to Tender ES-20-02
2020 Landfill Gas Main Header Extension – Foothills Boulevard Regional Landfill**

Thursday, January 30, 2020 at 1:00 p.m. at the Foothills Boulevard Regional Landfill

Staff Present: Darwin Paton, Nathan Hartnett

Companies Present: Western Industrial Contractors Ltd. And Twin Rivers Developments Ltd.

Introductions and sign in sheet passed around.

Brief overview of project described then left Transfer Station and proceeded to project site.

Brief description of worksite given from the approximate center of the project area.

Contractor Question: Will we be roping the pipe around or field fit?

Answer: It will be a field fit but will have to rope it around the corner.

Comment: The one starting point on the south west side is approximately 3-4.5 m down, a blind flange is on the end of the header.

Contractor Question: Will we be installing trace wire tying on the existing pipe and extend up to other end?

Answer: Yes

Comment: Discussion on potential environmental hazards –asbestos, leachate, the possible presence of Landfill Gas and slopes ensued.

Contractor Question: How do we handle asbestos, leachate if it's encountered?

Answer: Commence excavation in different area, while dealing with the situation.

Contractor Question: Do we have to pressure/hydrostatic test all pipes/welds?

Answer. Yes, at each end of the pipe, testing against the blind flange and the next valve.

Contractor Question: Has the valve we thought was bypassing been fixed?

Answer. Yes, last summer.

Contractor Question: will there be testing of horizontal valves?

Answer. No, just testing the main header against blind flanges and then against the rest of the main header to the next valves.

Contractor Question: Trench material, what goes out comes back in?

Answer. Yes, select backfilling will be by the engineer's approval. Gravels for Road/Ditch restoration may be available from our borrow areas but bedding sand for the trench and pipe placement will need to be supplied as we can't guarantee suitable bedding sand.

Comment: At this point we moved back to the high point within the construction area.

Contractor Question: How will the valve and cleanouts be constructed? Will there be detail for above ground enclosure?

Answer: The detail is in the tender document but there will be no infrastructure.

Comment: A general review of the drawings followed involving detail 7 along with other highlights of the cleanouts and sample port.

Contractor Question: With the curve, are we following design?

Answer: The Curve will be a field fit, keeping in mind you are rebuilding an existing ditch, you may have to adjust the start point of the curve to make it fit within the shown plan.

Comment: Discussion on substitutions of specified materials listed within the Tender Document followed.

Answer: No deviating from material listed within the Tender unless approved by the Engineer.

Contractor Question: Anticipated completion is when?

Answer: Anticipated contract start date is April 15, 2020 contract works to be completed by June 1, 2020.

Contractor Question: Is the vertical stub at the North end of the construction zone aligned with the rip rap ditch?

Answer: There was an upright but it could not be located last summer, so we are unsure.

Contractor Question: Is there a liner on the North ditch?

Answer: Yes, detail #4 from tender document.

Confirm extent of the geotextile lined ditch to be restored after construction or constructed as new.

Comment: Discussion on Surveying

Answer: Must use an external licensed and qualified surveyor, see detail in tender specifications documents.

Contractor Question: Can we use an internal survey for layout and as built?

Answer: Layout and As-builds must have official seal/stamp of Surveyor.

Contractor Question: Where does the ditching go?

Answer: We want to see it as designed.

Contractor Question: Is there material to be imported? Bedding sand, gravel pit runs required?

Answer: Yes, bedding sand will need to be imported, we have gravels on site. Materials must meet Spec.

Comment: North side of project starts approximately 10 m south from the riser visible from where we are standing, (confirmation given that all present saw the riser).

Comment: it was mentioned that the Contract will probably be approved for award at the March board. The Tender closes on February 18, 2020. The last day for questions is noted in the tender document.

Contractor Question: Are the Insurance requirements listed in the tender? Is it all standard?

Answer: Yes, insurance requirements are in the tender.

Meeting adjourned at approximately 1:45pm