

MEMORANDUM

To: Prospective Bidders

From: Tyler Richards, P.E.
Environmental Engineer

Date: June 24, 2019

Subject: North Valley Landfill Cell # 2 Liner Installation; Pre-Bid Questions and Answers

Question 1. Are the CAD files available?

Answer 2. As discussed at the pre-bid meeting held June 18, 2019, we can make the CAD files available, but only the design surface is in the drawings. Please use the estimated earth work quantity for bid purposes.

Question 2. Can you add a bid item for Mobilization?

Answer 2. Yes, we will issue an addendum to the bid schedule with a line item for mobilization. Please check the Logan City Purchasing web page for the updated bid schedule.

Question 3. On both pages 2 and 3, the liner limits are shown to be on the west side of the access road. Sections A and B on page 4 show the liner tie-in to existing as being on the east side of the road. Should we expect to bring the liner out to the east side of the access road, or are they building that access road on existing liner?

Answer 3. The existing access road is west of the Cell 1 anchor trench and does not currently have liner underneath it. Rather than moving the road away for lining, then back to its current location, we decided to shift it eastward so it will be built on top of the existing liner. The new liner will connect to the existing liner at the anchor trench, west of the new roadway as shown. Prior to the placement of soil for the new road, new drain net will be placed on top of the old liner (see note 1 on sheet 2). The majority of soil for the new access road can then come from the existing access road (see note 2 sheet 2).

Question 4. What size hole is required for the perforated HDPE?

Answer 4. The hole size in the HDPE is dependent on the size of the gravel you propose to backfill around the pipe. We will allow a minimum hole of 3/8" up to a maximum of

5/8". The corresponding gravel backfill would need to be large enough to not go through the holes. The last cell we used a 3/8" hole size.

Question 5. The perf pattern drawing is bringing up some questions. Do you want 2 or 3 holes in each row?

Answer 5. There should be 3 holes in each row, 120 degrees apart. The next row down should be offset 30 degrees.

End of Questions