



259-2014 ADDENDUM 2

BRADY ROAD LANDFILL ACCESS ROAD AND DISPOSAL CELL

URGENT

PLEASE FORWARD THIS DOCUMENT TO WHOEVER IS IN POSSESSION OF THE BID OPPORTUNITY

ISSUED: April 16, 2014
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THIS ADDENDUM SHALL BE INCORPORATED INTO THE BID OPPORTUNITY AND SHALL FORM A PART OF THE CONTRACT DOCUMENTS

Template Version: A20131129

Please note the following and attached changes, corrections, additions, deletions, information and/or instructions in connection with the Bid Opportunity, and be governed accordingly. Failure to acknowledge receipt of this Addendum in Paragraph ^ of Form A: Bid may render your Bid non-responsive.

PART E – SPECIFICATIONS

- Revise: E6.2.1 to read: Strip topsoil from under proposed roadway and dike locations. Strip root zone and organic material from the 4R Depot site and the disposal cell. Load, haul and place road, dike disposal cell and 4R Depot site top soil in one 100 mm layer at location shown on the Drawing C4009 R1
- Revise: E6.2.3 (c) to read: Load, haul and place approximately 19,000 cubic metres of suitable material at 4R Depot site as shown on Drawing F1 in Appendix A.
- Add: E6.3.3 Clarification of Excavation and Fill Placement Volumes
- (a) The Disposal Cell will be cross sectioned before and after excavation.
 - (b) The road embankment and dyke will be cross sectioned before and after construction of the fill.
 - (c) The 3000 c.m. stockpile site will be cross sectioned before and after construction of the stockpile.
 - (d) The 4R Depot site will be cross sectioned before and after construction of the Depot fill.
 - (e) No compaction factor will be applied to the fill quantities measured for the road, dike, stockpile or 4R Depot.
 - (f) Material placed as cover on the landfill will not be measured in place. The landfill cover quantity will be considered to be the remaining volume after subtracting the road embankment, dike, stockpile and 4R Depot site volumes from the Disposal Cell volume.
- Revise: E10.3.2 (c) to read The geomembranes shall meet the specifications listed in GRI-GM13 as published by the Geosynthetics Research Institute (GRI) and summarized below:

High Density Polyethylene (HDPE) Geomembrane

| Tested Property | Test Method | Test Value | |
|-----------------------|--------------|------------|------------------------|
| | | English | Metric |
| Thickness (min. avg.) | D -5994 | 60 mils | 1.5 mm |
| Density (min avg.) | D-1505/D-792 | - | 0.94 g/cm ³ |

| Tensile Properties (min. avg.) | | | |
|---------------------------------------|-------------------|--|--|
| - yield strength | D-6693 Type IV | 126 lb./in | 22 kN/m |
| - break strength | | 90 lb./in | 16 kN/m |
| - yield elongation | | 12% | 12% |
| - break elongation | | 100% | 100% |
| Tear Resistance (min. avg.) | D-1004 | 42 lb. | 187 N |
| Puncture Resistance (min. avg.) | D-4833 | 90 lb. | 400 N |
| Carbon Black Content (range) | D-1603 | 2.0 % - 3.0 % | 2.0 % - 3.0% |
| Carbon Black Dispersion | D-5596 | 10 different views, 9 in Categories 1 or 2 and 1 in Category 3 | 10 different views, 9 in Categories 1 or 2 and 1 in Category 3 |

DRAWINGS

Replace: 259-2014 _Drawing_C4009-R0 with 259-2014 _Addendum_2_Drawing_C4009-R1

ATTACHMENT

Brady Landfill Access Road and Disposal Cell Question and Answer Meeting Minutes