



REQUEST FOR TENDER No. 22-049

Regional Landfill Supply of Geomembrane Liner, DRAINTUBE, & GEOTEXTILE

Addendum 1

(2 pages)

Issued: May 11, 2022

Closing Date & Time: on or before 3:00 PM Pacific Time on May 17, 2022

This addendum shall be read in conjunction with and considered as part of the Request for Tender. Revisions supersede the information contained in the original Tender or previously issued Addendum. No consideration will be allowed for any extras due to any Vendor not being familiar with the contents of this Addendum. All other terms and conditions remain the same.

Questions & Answers

Question 1: The product properties tabulated in Part 2.1.1 meet or exceed the GRI GM 17 specifications that is subsequently required to be met in Part 2.1.2.2 and Part 2.1.2.3. If the products must meet Part 2.1.1, then Part 2.1.2 becomes irrelevant (except the OIT and HP-OIT components). The question is if the product meets GRI GM 17 plus the OIT and HP-OIT requirements, would that be acceptable?

Question 1 Answer: The geomembrane shall meet or exceed the properties outlined in Section 31 32 22 Part 2.1.1. The Oxidation induction time (OIT) and High Pressure oxidation induction time (HP-OIT) will meet or exceed GRI GM 17 for the standard textured (both sides) LLDPE geomembrane and be as follows for the premium textured (both sides) LLDPE geomembrane:

- o Oxidation induction time (OIT) tested in accordance with ASTM D3895 of 140 minutes
- o High Pressure oxidation induction time (HP-OIT) tested in accordance with ASTM D5885 of 550 minutes

Tender Addendum: Revise Section 31 32 22 Part 2.1.1 **FROM**

“The standard geomembrane shall meet the specifications of GRI GM 17 as published by the Geosynthetics Research Institute.

The premium geomembrane shall meet the specifications of GRI GM 17 as published by the Geosynthetics Research Institute with the following modifications:

- o Oxidation induction time (OIT) tested in accordance with ASTM D3895 of 160 minutes

- o High Pressure oxidation induction time (HP-OIT) tested in accordance with ASTM D5885 of 800 minutes”

TO

“The standard textured (both sides) LLDPE geomembrane shall meet or exceed the specifications for Oxidation induction time (OIT), High Pressure oxidation induction time (HP-OIT), Oven aging at 85 degrees Celsius - % retained after 90 days for OIT and HP-OIT, and UV resistance - % retained after 1600 hours for HP-OIT outlined in GRI GM 17 as published by the Geosynthetics Research Institute.

The premium textured (both sides) LLDPE geomembrane shall have the following modifications to GRI GM 17 as published by the Geosynthetics Research Institute for OIT, HP-OIT, Oven aging - % retained after 90 days, and UV resistance - % retained after 1600 hours:

- o Oxidation induction time (OIT) tested in accordance with ASTM D3895 of 140 minutes.
- o High Pressure oxidation induction time (HP-OIT) tested in accordance with ASTM D5885 of 550 minutes.
- o Oven aging at 85 degrees Celsius - % retained after 90 days for HP-OIT in accordance with ASTM D5721 and ASTM D5885 of 80%.
- o UV resistance - % retained after 1600 hours for HP-OIT in accordance with ASTM D7238 and D5885 of 60%.”

Question 2: Part 2.1.2 is asking for a High Density Polyethylene. Please confirm that it should be LLDPE instead.

Question 2 Answer: Tender Addendum: Revise Section 31 32 22 Part 2.1.2 from “The geomembrane shall be High Density Polyethylene meeting the following specifications:” to “The geomembrane shall be Linear Low Density Polyethylene meeting the following specifications:”.

End of Addendum 1