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ADDENDUM #2

FEBRUARY 5, 2016

TRANSMITTED VIA EMAIL: 1 page

TO: ALL PLAN HOLDERS AND POTENTIAL BIDDERS
FROM: RON VENTURELLA, PURCHASING OFFICER *RV*
**SUBJECT: 16-Roof Repairs at Candler Elementary
& Unit price bid for Countywide roof repairs for 3 years
(RFP# 04-16)**

The following changes, revisions, additions, and/or clarifications to the plans and/or specifications are hereby made a part of the original documents. **Be sure to acknowledge this addendum on the proposal sheet.**

Addendum # 2
RFP #04-16

The **EPDM – Seam Stripping on Aged Membrane** document mentioned in Addendum #1 attached.

ATTACHED: EPDM – Seam Stripping on Aged Membrane (2 pages)

END OF ADDENDUM #2
16-Roof Repairs at Candler Elementary & Unit price bid for Countywide roof repairs for 3 years (RFP# 04-16)

MEMBRANE CLEANING AND PRIMING

Prior to completing any repairs, the existing membrane surface must be cleaned and primed as follows:

- A. Remove heavy deposits of dirt, leaves, pine needles, and other debris using a broom or air blower. Any rocks, branches, or other large foreign objects should also be removed.
- B. Scrub the membrane with a scrub brush using warm water and a low sudsing soap such as *Spic And Span*, *Tide*, or *Lestoil* (approximately 1/4 to 1/2 cup of cleaner to one gallon of water). Refer to Part II, Paragraph 2.03, for recommended cleaners.

Note: An electric driven scrubber with a bristle type brush approximately 3/4" to 1-1/2" in length is recommended.
- C. Rinse with clean water and allow to dry.
- D. To prepare the membrane surface for splicing, clean the area with Weathered Membrane Cleaner and allow to dry.
- E. Prior to the application of Pressure-Sensitive Cured Cover Strips or SecurTAPE, the surface of aged EPDM membrane must be primed with Splicing Cement applied at 1/2 the normal coverage rate.
- F. For membrane seam repairs refer to Paragraph 3.01, General. All other repairs shall be completed as outlined below.

from Part II, Paragraph 2.03 **CLEANING PRODUCTS**

The following products are recommended for cleaning EPDM membrane:

- 1. **Formula 409 (Clorox):** For removing dirt and grime from the surface of EPDM roof membrane.
- 2. **Lestoil:** A concentrated, heavy duty cleaner manufactured by the Clorox Company; can be used for removing dirt and grime from the surface of EPDM roofing membrane.
- 3. **Spic And Span:** A low sudsing detergent manufactured by the Spic And Span Company (a division of Prestige Brands, Inc.); can be used for removing dirt and grime from the surface of EPDM roofing membrane.
- 4. **Tide:** A low sudsing detergent manufactured by Proctor & Gamble; can be used for removing dirt and grime from the surface of EPDM roofing membrane.

RESTORATION PROCEDURES

- A. When possible on multiple level roofs, begin the restoration work on the highest level to avoid or minimize construction traffic on completed roof sections.
- B. On projects at high altitudes (6,000' and above), rapid flash off (drying) of Bonding Adhesive and Splicing Cement will occur due to low atmospheric pressure.
- C. For Ballasted assemblies, stone ballast must be properly removed at repair areas. Do not use rakes or shovels for ballast removal because they may damage the EPDM membrane. A gravel pusher or push broom must be used.

Stone ballast must be removed approximately 12" on either of the membrane splice to be repaired.
- D. **Lifted Adhesive Seams**

If the seam is open or has lifted, pull back the overlapping membrane to remove any debris and apply Weathered Membrane Cleaner. Apply Splicing Cement to the open or lifted seam area and re-adhere the overlapping membrane.

- E. **All adhesive seams** must be overlaid with 6" wide Pressure-Sensitive Cured Cover Strip or 9" wide Pressure-Sensitive Uncured Elastoform Flashing and Lap Sealant must be applied to all edges.
- F. **Taped seams** need not be overlaid unless a deficiency has been reported.

For seam deficiencies, overlay the seam with 6" wide Pressure-Sensitive Cured Cover Strip or 9" wide Pressure-Sensitive Uncured Elastoform Flashing and apply Lap Sealant to all edges.
- G. **For taped seams T-Joints**, overlay with 12" x 12" T-Joint Overlayment and apply Lap Sealant to all edges.

from an e-mail on 9-3-09

Although it's not specifically stated anywhere that I can find, we recommend 1.5" of coverstrip/overlayment beyond the lap sealant, patches, etc.

Regards,
Jeremy Dickmann
Southeast Regional Manager
Carlisle SynTec