

**Call 01 Remove and Replace the Roof Systems at the MDOT Materials Lab and Administration Building in Jackson, known as State Project Nos. MEP-5000-25(080) & MEP-5000-25(088) / 502884301 & 302 in Hinds County**

Q1. I wanted to know when this goes back out to bid if Sika Sarnafil can be put in the specifications. When this went out the first time it was too late for us to get in as an equal or alternate. We manufacture a White Reflective PVC Roof.  
<http://usa.sarnafil.sika.com/en/group.html>

A1. No, reference page 66 and section 01 25 00 of the project proposal under Substitution Procedures.

Q2. Section 075400 specifies KEE Membrane tested according to ASTM 6754-02 and list 3 manufacturers, however only 1 meets this requirement. Is it the intent that this is the only manufacturer per ASTM to be accepted?

A2. The three manufacturers listed with KEE Membrane meeting (ASTM D6754-02 or ASTM D443412 PVC) are acceptable for this project.

Q3. Lightning Protection Certification According to the specifications, they are calling for a UL certification/recertification. In these particular situations UL master labels cannot be obtained. Reason is that UL requires the lightning protection installer to bring other areas up to standard. UL will not issue a Master Label in this case. A third party inspection can be obtained through LPI (Lightning Protection Inst) this certification will be a Limited Scope Inspection. Meaning that they will inspect only what is in the scope of work. This is usually standard practice when it comes to partial re roofs such as this. Will an LPI limited Scope Inspection be an adequate inspection in lieu of a UL master label?

~~A3. This Project is NOT a partial re-roof. The entire roof system is being replaced, which means the entire Lightning Protection System has to be removed & re-installed to 2012 International Building Codes, UL 96, and NFPA 780. Shop drawings shall be required and approved prior to system installation. This will require a Lightning Protection Certified Master Designer as originally specified.~~

**Revised A3.** The Lightning Protection System will not require a Lightning Protection Certified Master Designer as specified in 26 41 14 and shop drawings will not be required. The lightning protection system will require a third party certification from an inspection company other than the installing contractor. The certification should come from the Lightning Protection Institute (LPI). The certification obtained from LPI will be the Limited Scope Inspection.

Q4. On Sheet A1.3-AD there are 2 details shown on drawings 1/A3.2-AD and 1/321-AD. I don't have either of the drawing pages in my package. Please advise if I am missing my drawing pages or if details were marked incorrectly.

A4. The Detail marks in question were labeled incorrectly. They should both read **1/A3.2-ML** (Membrane expansion joint at wall). The counter flashing is the standard for the remainder of the Project.

- Q5. It was discussed in the pre-bid that it would be acceptable to install the membrane flashing up to the bottom of the existing ACM and install a receiver flashing under the ACM inside connection in lieu of detail 7/A3.2. Please advise.
- A5. This question was discussed on the Material Lab roof during the Pre-Bid Meeting, but it was later determined to install Detail 1/A3.3ML issued with Addendum #1. The discussion was only a verbal pathway to realize that if the existing ACM were left exposed, the sealant joints might fail before the roof and allow water into the system prematurely and outside the limits of the roof warranty. The roof membrane is to extend over the existing ACM with a new coping and continuous concealed cleats (no exposed fasteners).