

Answers to Vendor Questions for Project No. 558-15-151
Replace Roof Buildings 1 & 18
VA Medical Center, Durham, NC

Submitted by Chamber Mtn. Construction on 8/17/2015:

- The solicitation documents do not provide a description of the existing roof systems (i.e. Building 1 Wings A, B and C, Building 18 and the MRI roof). The roof area of Building 1 appeared to have been modified at some time in the past. Please provide a description of the existing roof assemblies at the three (3) areas that includes all the roof components that are to be removed down to the structural decks. Also, advise if any asbestos containing materials will be encountered during the course of work involved with this solicitation.
 - The MRI roof is a Built-up roof membrane with gravel ballast on rigid tapered insulation over a heavy timber wood deck.
 - Building 18 is a single ply roof over tapered insulation on a concrete deck
 - Building one has both an IRMA and a single ply roof. Wing B and Wing C (center) has a single ply membrane over rigid insulation, on a light weight concrete pour on a structural concrete deck. Wing A is divided by an expansion joint which separates the two different roof systems. The area adjacent to the mechanical room is an Inverted Roof Membrane Assembly (IRMA) consisting of a protection sheet (felt), rigid insulation, and a build-up roof membrane over a light weight concrete pour on a structural concrete deck. The furthest area containing the exit stairs is a single ply membrane over rigid insulation, over a light weight concrete pour on a structural concrete deck. Both roofs are covered with gravel ballast.
 - **Do not remove** the light weight concrete pour, remove everything from that point up on roofing in building one
 - The VA medical Center will have to provide information on and if there is any asbestos present on any of the three roof areas.
- Specification section 07 22 00, 2.2, C: states a 1.5" min. tapered insulation thickness is required. Then 3.3.B.1 states that we are to refer to the performance requirements article for R-value. The R-values are not defined in the performance requirements. Please clarify either what R-value or min. thickness of the insulation will be required.
 - The 1.5" min thickness is in reference to the individual board thickness for the stacked tapered roof insulation system. The tapered board system is to be of a min of two boards stacked with offset joint to achieve the required slope. Also, the min thickness of board starting at the roof drains is 1.5". This stipulation is not dictating the overall roof thickness.
 - The average roof insulation value is R20.

- Please advise what restrictions, if any, will be imposed on the work over the Sleep Lab area and the MRI roof.
 - Works hours shall minimize disruption to patients and staff. Work hours allowed shall partially depend on the Contractor's selected means and methods and the feature of work currently being performed. Nights and weekends could be necessary for any of the roof areas.
- The Solicitation General Conditions 4.23 (VARR 852.236.84) requires a work schedule in the form of a bar graph, however, Specification Section 01 32 16.15 requires the use of a CPM schedule. Please clarify.
 - CPM schedule IAW with the specifications shall be required.