

## STATEMENT OF WORK

**General Requirement:** The project scope of work for all buildings is to furnish all labor, supervision, materials and equipment needed to remove all existing stone ballast, loose laid synthetic rubber membrane, insulation, flashing, trim, scuppers, fascia, soffit, soffit vents, and plumbing vent flashings, etc. to expose the complete structural substrate. Repair or replace any failed or otherwise defective substrate component to include sheathing, rafters, soffit supports, etc., prior to beginning any new work. Differing Site Conditions will be addressed pursuant to Contract Clause 52.236-2 Differing Site Conditions – Therefore, do not apply contingency values for unknown conditions. The contractor shall stockpile all removed stone ballast onsite at a location determined by the Contracting Officer's Representative (COR) and legally dispose of offsite all other removed materials, construction waste, etc. All construction debris that can be diverted from landfill will be recycled. Prior to beginning new work, clean the exposed substrate of dust, debris, moisture, sharp projections and all other substances detrimental to roofing installation in accordance with the roofing system manufacturer's written instructions. Install continuous fire-retardant 3-ply laminate reinforced polyethylene vapor retarder in accordance with manufacturer's instructions over the exposed wood deck sheathing. Install a complete new fully adhered (with adhesive) white thermoplastic polyolefin (PTO) membrane roof system (see attached specification) to include the roofing membrane manufacturer's recommended deck insulation [equal to but not less than that provided by 3" thick (R21.74) polyisocyanurate board], roof insulation cover board (equal to but not less than ASTM C 1177/C 1177M, glass-mat, water-resistant gypsum substrate, 1/2" thick), and all associated fasteners, adhesives, tapes, etc. The PTO roof membrane shall be reinforced, 80 mils thick with all seams heat welded. The completed roof system shall be covered by a dual minimum twenty (20) year comprehensive warranty as described below.

### Submittals:

- a. Submit cut sheets, MSDS & proposed roofing assembly to include all accessories. All submittals will be reviewed and approved by the government prior to purchase & installation.
- b. Construction Progress Schedule must be submitted to the Contracting Officer within 5 calendar days after receipt of Notice to Proceed. Product/material submittals are due not more than 30 days after contract award. "Notice to Proceed" with the work will not be given unless all submittals have been received.

**Design Criteria:** The membrane roofing system shall be identical to systems that have been successfully tested by a qualified testing and inspecting agency to resist the factored design uplift pressures calculated according to SPRI's "Wind Load Design Guide for Fully Adhered and Mechanically Fastened Roofing Systems."

1. Fire/Windstorm Classification: Class 1A.
2. Basis Wind Speed: 110 mph.

### Materials:

All materials, installation criteria, standards, etc. necessary to effect this project will be in accordance with applicable sections of the MATOC Default Technical Specifications as well as applicable construction industry standards. Unless the contract documents include more stringent requirements, the applicable construction industry standards have the same force and effect as if bound or copied directly into the contract documents to the extent referenced. Such standards are made a part of the contract documents by reference.

### Warranty:

- a. **Special Warranty:** The Contractor, without monetary limitation, agrees to repair and replace all or part of components of the new membrane roofing system that fail in materials or workmanship within the specified warranty period. Failure obviously includes roof leaks.
  - 1. Complete roof system warranty includes, but is not limited to, roofing membrane, base flashings, accessories, fasteners, cover boards, roof insulation, vapor retarder, and all other components of the membrane roofing system.
  - 2. **Warranty Period:** Twenty (20) years from the date of “final completion and acceptance” by the Government.
- b. **Puncture Resistance Warranty:** In addition to the Special Warranty, the Contractor agrees to repair and replace all or part of components of the new membrane roofing system that fail due to accidental punctures (excluding those caused by snow removal).
  - 1. **Warranty Period:** Twenty (20) years from the date of “final completion and acceptance” by the Government.