

Exhibit A

CONSTRUCTION SERVICES FOR ROOF RECOVER CITY OF SPARTANBURG FIRE STATION 2

SCOPE OF WORK

Construction Phase

- The roofing contractor shall adequately protect building, paved areas, service drives, lawn, shrubs, trees, etc. from damage while performing the required work. Provide canvas, boards and sheet metal (properly secured) as necessary for protection and remove protection material at completion.
- The contractor shall repair or be responsible for costs to repair all property damaged during the roofing application.
- The roof structure is approximately 5,000 +/- square feet of roofing area. Contractor is responsible for the take-off and measurements of the roof.
- The existing facility is 50+ years old and does contain asbestos product (small amount of flashing). The building deck is Tectum decking with 3 to 4 inches of rock/gravel and spray foam type product. Contractor shall remove damaged or wet insulation board and provide a material compactible and provide a unit price per board feet for that material. Roof will require infrared scan of roof structure and mapped out damaged areas and quantity of material.
- The roof was inspected and found to have an estimate of 100 sf of asbestos per the flashing, the report is attached. The contractor will be in charge abatement of this product.
- The roof has four drains, the new roof will be sloped in such that rain water will drain.
- Contractor shall install a high density recovery board and adhere over the existing roofing material per manufacturers guidelines for adhesion.
- Contractor is responsible for the removal all connecting flashing and boot material and replace with new material.
- Contractors must use Safe Work Practice during the removal and installation of the new roofing material. Areas around the perimeter will be protected from falling debris.
- Contractor is responsible for all City, County, or State permits and fees. City business license is required.
- Contractor shall be responsible for keeping a clean site. All debris and trash will be removed at the end on the day work.
- Contractor shall maintain a water tight facility during the roofing stages. This is an active facility that will remain open during the work.
- Contractor trucks and equipment will need to be coordinated with the Construction Management Department for parking locations.
- The contractor shall protect against fire and flame spread. Maintain proper and adequate fire extinguishers on site at all times during construction.

- Roofing material shall be 60 mil TPO systems. Contractor shall follow all manufacturer's guidelines for installation to achieve the 20 year warranty. Provide a manufacturer Total Systems Warranty covering both material and labor with no dollar limitations.
- Because of the roof structure, there will be some ponding water. The city will ask for a "No Exclusion" for the manufacturer's warranty.
- Roof preparation shall be wet vacuum and/or manufacturer's specification for good adhesion for modified bitumen roof and approved roofing board.
- Heavy density walking surface (three feet in width) shall be install from edge of roof at the parking lot to maintenance areas and egress areas of the roof.
- There are two approved roofing board material manufacturer.
 1. **G-P Gypsum – DensDeck Prime ½ inch thickness**
 2. **USG Securerock GlasMatRoof Board ½ inch thickness**
 3. **Or equal product will be considered for approval prior to bid opening.**
- There are two approved roofing material manufacturer.
 1. **Johns Manville JM TPO - 60 mil**
 2. **Firestone**
 3. **Or equal product will be considered for approval prior to bid opening.**
- Project duration shall be 60 day from the Notice to Proceed. Ordering of material will be considered.
- Liquidated damages shall be for \$ 300.00 per day for days late.
- New fascia/trim sheet metal at roof edge will be included and can be applied over existing if condition of the existing allows for a clean professional look when completed. Color will be selected from manufacturer's standard colors.
- Contractor to submit all material for approval prior to installation.

Submit all questions in writing to:

Tony McAbee
 Building Maintenance Manager
 (864) 596-2107
tmcabee@cityofspartanburg.org