

DESCRIPTION

The Purpose of this specification is to facilitate the reroofing of a Area B and option for Area F at Guy B. Teachey Elementary School 294 Newbern Ave, Asheboro, NC 27205

- A. Contract Documents:
1. In addition to this scope of work, all Asheboro City Schools Requirements including safety, insurance terms, and any other conditions are to be considered a part of this document.
 2. Contractors will need to provide Asheboro City Schools with a liability and Worker Compensation policies of \$1,000,000 per occurrence and \$2,000,000 aggregate. Workers compensation and automobile policies will also be required.
 3. OSHA's requirements are to be strictly followed. Failure to comply will result in a Warning. Subsequent lapses can result in the contractor being terminated prior to completion of the project.
- B. This portion of the project will be for roof section B with an option for section F, (see attached aerial) and consist of a Base Bid to remove the existing roofing materials down to the tectum deck and install a 45 Mil Fibertite roof system.

EXISTING CONDITIONS

- A. The existing roof system consists of a traditional built up roof system with insulation over a tectum deck
- B. **The contractor is responsible for field verifying and obtaining all dimensions, roof thicknesses, and quantity Take-offs in the field.** The existing building should be and can be measured in the field for verification of all Quantities needed for the work required of the selected area included in the scope of work. By issuance of a price For the project, the contractor confirms that all quantities have been determined to their satisfaction and all labor, Material, equipment, etc. has been included without exception. **No additions to the contractor's pricing will be Considered based on quantity errors or omissions.**

EXTENT OF WORK

- A. Provide all labor, materials, tools, equipment, and supervision necessary to complete the installation of the Roof system, but not limited to, flashings and insulation as specified herein and in accordance with the manufacturer's most current specifications and details.
- B. The roofing contractor shall be fully knowledgeable of all the requirements of the contract documents and shall Make themselves aware of all job site conditions that will affect their work.
- C. The roofing contractor shall confirm all given information and advise the building owner's representative of any Conflicts that will affect their cost proposal.
- D. The roofing contractor is solely responsible for any and all permits required for this job. Any contractor who intends to submit a bid using a roofing system other than the approved manufacturers must submit for pre-qualification in writing prior to commencement. Any contractor who fails to submit all information as requested will be subject to rejection.

PRODUCT DELIVERY, STORAGE AND HANDLING

- A. Deliver materials to the job site in the manufacturer's original, unopened containers or wrappings with the Manufacturer's name, brand name and installation instructions intact and legible. Deliver in sufficient quantity to Permit work to continue without interruption.
- B. Comply with the manufacturer's written instructions for proper material storage.
 - 1. Store membrane on pallets in the original undisturbed plastic wrap in a cool, shaded area.
 - 2. Store curable materials (adhesives and sealants) between 60°F and 80°F in dry areas protected From water and direct sunlight. If exposed to lower temperature, restore to 60°F minimum temperature before using.
 - 3. Store materials containing solvents in dry, well ventilated spaces with proper fire and safety Precautions. Keep lids on tight. Use before expiration of their shelf life.
- C. Insulation must be on pallets, off the ground and tightly covered with waterproof materials.
- D. Any materials found to be damaged shall be removed and replaced at the applicator's expense.

- A. Schedule and execute work to prevent leaks and excessive traffic on completed roof sections. Care should be Exercised to provide protection for the interior of the building and to ensure water does not flow beneath any completed sections of the membrane system.
- B. Do not disrupt activities in occupied spaces.

USE OF PREMISES

- A. Before beginning work, the roofing contractor must secure approval from the building owner's representative for The following:
 - 1. Areas permitted for personnel parking.
 - 2. Access to the site. Areas permitted for storage of materials and debris.
 - 3. Areas permitted for the locations of cranes, hoist and chutes for loading and unloading materials to and from the roof.
- B. Interior stairs or elevators may not be used for removing debris of delivering materials, except as authorized by the building owner.

TEMPORARY FACILITIES AND CONTROLS

- A. Temporary Utilities:
 - 1. Water, power for construction purposes are available at the site and will be made available to the roofing contractor.
 - 2. Provide all hoses, valves, and connections for the water from a source designated be the owner when made available.
 - 3. When available, electrical power should be extended as required from the source. Provide all trailers, connections and fused disconnects.
- B. Temporary Sanitary Facilities:
 - 1. Sanitary facilities **will not** be available at the job site. The roofing contractor shall be responsible for the provision and maintenance of portable toilets or their equal.
- C. Building Site:
 - 1. The roofing contractor shall use reasonable care and responsibility to protect the building and site against damages. The contractor shall be responsible for the correction of any damage incurred as a result of the performance of the contract.

2. The roofing contractor shall remove all debris from the job site in a timely and legally acceptable manner so as to not detract from the aesthetics or the function of the building.

D. Security:

1. Obey the owner's requirements for personal identification, inspection and other security measures.

JOB SITE PROTECTION

- A. 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 of job site. Remove protection material at job completion. The contractor shall repair or be responsible for the cost to repair all property damage during the roofing application.
- B. Do not overload any portion of the building, by either use of or placement of equipment, storage of debris or storage of material.
- C. Protect against fire and flame spread. Maintain proper and adequate fire extinguishers.

SAFETY

The roofing contractor shall be responsible for all means and methods as they relate to safety and shall comply with all Applicable local, state and federal requirements that are safety related. **Safety shall be the responsibility of the Roofing Contractor.** All related personnel shall be instructed daily to be mindful of the full time requirement to maintain a Safe environment for the facility's occupants including staff, visitors, customers, and the occurrence of the general Public on or near site.

WORKMANSHIP

- A. Applicators installing new roof, flashing and related work shall be factory trained and approved by the manufacturer they are representing.
- B. All work shall be of the highest quality and in strict accordance with the manufacturer's published specifications and to the building owner's satisfaction.
- C. There shall be a supervisor on the job at all times while work is in progress.

WARRANTY

- A. Provide manufacturer's 20-year warranty covering both materials and labor with no dollar limitations for both the entire roof system and insulation

INTERIOR PROTECTION

It is the contractor's responsibility to ensure that his work does not impact the interior of this property

GENERAL

- A. All products (including insulation, fasteners, plates and membrane must be manufactured and supplied by the roofing system manufacturer and covered by the warranty.

Membrane

- A. Approved manufacturer for 45 mil Fibertite is Seaman Corporation. Substitutions must meet current Fibertite ASTM Standards in full

1. Seaman Corporation

INSULATION

- A. Insulations shall be as approved by manufacturer for use with specified roofing system.
1. 1 ½” polyisocyanurate boards by Seaman Corporation
 2. Approved Equal

ADHESIVES AND CLEANERS

- A. All products shall be furnished by manufacturer and specifically formulated for the intended purpose.

FASTENERS AND PLATES

All fasteners and plates shall be approved by manufacturer for use with their system and installed in accordance with manufacturers published specifications.

METAL

- A. All metal shall be shop formed .040 mil finished aluminum and installed as per manufacturer’s specifications. For 20 year warranty. This includes gravel stop, and counterflashing.

EXECUTION

GENERAL

- A. Comply with the manufacturer’s published instructions for the installation of the specific roof system including proper Substrate preparation, job site considerations and weather restrictions.

INSTALLATION

A. **BASE BID:**

* Remove and properly of all edge metal, flashing, counter flashings, built up roofing, gravel, and Insulation down to existing tectum deck

* Mechanically attach one layer of manufacturers approved base sheet to existing tectum deck.

*adhere two layers of 1.5” polyisocyanurate insulation over entire reroof area, staggering joints minimum of 6” per the manufacturer’s specifications

* Fully Adhere one layer of 45 mil Fibertite over entire roof area.

* Flash all walls, curbs, and other penetrations in accordance with manufacturer’s specifications.

* Install shop fabricated .040 mil finished aluminum edge metal and copings per the manufacturer’s Specifications.

- * Remove and replace all roof drains during roof replacement with Zurn Z100 drains (contractor is responsible to disconnect, modify as necessary, and hook up new roof drains in a manner which promotes positive drainage

CLEAN UP

- A. Perform daily clean up to collect all wrappings, empty containers, paper and other debris from the project site. Upon completion, all debris must be disposed of in a legally acceptable manner.

END OF SPECIFICATION

**BID FORM
FOR
Asheboro City Schools**

BID FROM: _____
(NAME OF ROOFING CONTRACTOR)

PROJECT: Guy B Teachey Elementary School (Roof Area A)
294 Newbern Ave. Asheboro, NC 27205

TO: Chris Scott
Asheboro City Schools
1126 S Park St.
Asheboro, NC 27203

E-Mail: CSCOTT@ASHEBORO.K12.NC.US

The undersigned having carefully examined the project specification and all related documents proposes to furnish all services, labor, material and operations required to successfully complete the work in accordance with project specifications and the manufacturer's general guidelines for the following lump sum price:

BASE BID (Area B): Price: (\$ _____)
_____ Dollars

Alternate to include Roof Area F Price: (\$ _____)
_____ Dollars

SIGNED BY:

NAME (Print) _____

COMPANY _____

ADDRESS _____

PHONE _____

FAX _____

SIGNATURE _____

TITLE



END OF BID FORM