

SECTION 01 11 00

SUMMARY OF WORK

PART 1 – GENERAL

1.1 RELATED DOCUMENTS – Hill County: 218 N Waco Roof Replacement

A. Attached GENERAL CONDITIONS, BID FORM, Component sections, forms a component part of this section.

1. Complete infrared scan of existing roof assembly and provide to roofing manufacturer BEFORE work commences.
2. Remove and replace any areas marked during infrared scan BEFORE applying gypsum board over existing assembly.
3. Clean the existing roofing surface with simply green cleaner.
4. Prime the existing roof surface with Garla prime.
5. Install in IV hot asphalt structodek or fiberboard cover-board per manufacturer's specifications
6. Install additional pressure treated wood nailers as needed to match insulation height as needed.
7. On existing roofs edge cut back 6" of roof surface and replace edge flashings.
8. Install 4" fiberglass cant strips at curbs.
9. Install Stress base 80 modified base ply extending over edge and nailed off and extending minimum 2" above cant
10. Install versiply mineral modified granular cap sheet extending 2" above cant.
11. Install termination bar attached with fasteners at minimum 8" on center and three-course with flashing mastic and mesh reinforcement.
12. Contractor responsible for protection of existing gutters.
13. Fabricate and install new soldered and water tight 24 ga. stainless steel pitch pans with shaped caps. Prime both sides of the flange and set in mastic on top of field plies. Strip in with base and cap adhered with mastic. Fill with 2" non-shrink grout and top with two-part pourable sealant.
14. Remove obsolete curbs and penetration and contractor to be responsible for providing like, kind and quality materials.
15. Roofing contractor not responsible for related mechanical work.
16. Pipe support stands to be installed per manufacturer's details.
17. Contractor responsible to communicate with the county in regards to communication equipment installed on the roof surface.
18. Detach metal flashings from the r-panel roof structure.
19. Cover metal r-panel with mechanically fastened 1/2" primed gypsum cover board.
20. Install SBS base and cap sheet per manufacturer's specifications.
21. Roofing contractor is to provide expansion joint per the NRCA recommendations and the IBC requirements.
22. Install waterproofing membrane surface according to manufacturer's specifications.

1.2 INTENT OF THE SPECIFICATIONS

A. The intent of these specifications is to describe the material and methods of construction required for the performance of the work.

1.3 PROTECTION

A. The contractor shall use every available precaution to provide for the safety of the property owner, visitors to the site, and all connected with the work under the Contract.

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- B. All existing facilities both above and below ground shall be protected and maintained free of damage. Existing facilities shall remain operating during the period of construction unless otherwise permitted. All access roadways must remain open to traffic unless otherwise permitted.
- C. Barricades shall be erected to fence off all construction areas from operations personnel.
- D. Safety Requirements:
 - 1. All application, material handling, and associated equipment shall conform to and be operated in conformance with OSHA safety requirements.
 - 2. Comply with federal, state, and local and owner fire and safety requirements.
 - 3. Advise owners whenever work is expected to be hazardous to owner employees and/or operations.
 - 4. Maintain a crewman as a floor guard whenever roof decking is being repaired or replaced and whenever any roofing is being removed.
 - 5. Maintain proper fire extinguishers within easy access whenever power tools, roofing kettles, and torches are being used.
 - 6. Maintain constant monitoring of kettle while in use.
 - 7. ALL SAFETY REQUIREMENTS OF THE BUILDING OWNER MUST BE FOLLOWED. NO EXCEPTIONS WILL BE PERMITTED.

1.4 HOUSEKEEPING

- A. Keep materials neat, orderly, and dry.
- B. Remove scrap, waste and debris from the project area.
- C. Maintenance of clean conditions while work is in progress and cleanup when work is completed shall be in strict accordance with the "General Conditions" of this contract.
- D. Fire protection during construction.
- E. Follow all requirements established by the building owner.

END OF SECTION