

SECTION 01 1000 SUMMARY

PART 1 GENERAL

1.01 PROJECT

- A. Project Name: BWAT Administration Building
- B. Owner's Name: Blue Water Area Transit
- C. Owner's Representative: Lisa Collins, Procurement Manager
- D. Roof Consultant's Name: Roofing Technology Associates, Ltd.
- E. The Project consists of two separate scopes of work that can be bid individually or together.
 - 1. BASE BID A: Consists of removing the existing ballasted EPDM membrane from Area A, mechanically fastening a coverboard through the existing insulation, and installing a fully adhered reinforced 60 mil EPDM membrane and flashings.
 - 2. BASE BID B: Consists of remediating and replacing pipe boot flashings on the metal panel roofs (Areas B, C, D and E).

1.02 DESCRIPTION OF ALTERATIONS WORK

- A. Scope of alterations work is shown on drawings and described in the individual specification sections.
- B. Section 07 5300 - Elastomeric Membrane Roofing
 - 1. Demolition and substrate preparation requirements for Area A.
 - 2. Reuse existing insulation if in good condition.
 - 3. Install 1/2-inch thick isocyanurate HD cover board insulation.
 - 4. Fully adhere 60-mil reinforced EPDM membrane and flashing in accordance with the selected membrane manufacturer's specifications.
- C. Section 07 6200 - Sheet Metal Flashing and Trim
 - 1. Install premanufactured edge metal on Area A.
 - 2. Install prefinished galvanized counterflashing at roof curbs and designated walls.
 - 3. Install pipe chase curbs and pitch pans in designated locations
- D. Section 07 5800 - Roof Remediation and Repairs.
 - 1. Replace or remediate pipe boots on metal panel roofs.

1.03 SEQUENCE OF OPERATIONS

- A. The various parts of the work shall be carried on in a manner which will best serve in providing for the continuous operations of all necessary functions of the existing building and to cause as little inconvenience to the public as practicable in their occupancy and use of the facilities.

1.04 WORKMANSHIP AND MATERIALS

- A. All materials and equipment shall be furnished, installed and completed in a first class, workmanlike manner as indicated in the Conditions of the Contract, on the accompanying drawings and in the technical specifications.

1.05 FIELD CONDITIONS AND DIMENSIONS

- A. The dimensions, details and other information provided relative to the existing work are furnished subject to verification by the Contractor. The Contractor shall verify all existing conditions and dimensions. No additional compensation will be granted for the Contractor's failure to comply with the above requirements.

1.06 MATERIALS AND SUBSTITUTIONS

- A. Whenever an article, material or item of equipment is defined by describing a proprietary product, or by using the name of the manufacturer or vendor, the term "or equivalent," if not inserted, shall be implied. The specific article, material or item of equipment mentioned shall be understood as indicating the minimum requirements of fulfilling contract obligations in regard to type, function, standard of design and efficiency.

1.07 SHOP DRAWINGS AND PRODUCT DATA

- A. Prior to the delivery of any material or equipment to the job site, the Contractor shall check and verify all field measurements and existing conditions. Thereafter, the Contractor shall submit to the Roof Consultant, with such promptness as to cause no delay in the work, shop drawings, product data catalogs, material schedules, etc.

1.08 STRUCTURAL PROTECTION

- A. The Contractor shall furnish, install, and maintain adequate protection of existing building elements and finishes and adjacent structures from damage caused by his operations. The Contractor shall repair or replace any damaged building element or finish to match its condition prior to the start of the work and remove all protections when the work is complete.

1.09 REPAIRS AND FINISHES

- A. Existing disturbed materials and equipment resulting from the construction operations shall be repaired and finished to match existing or adjacent finishes.
- B. The Contractor shall replace any glass that may be broken in the existing structure, resulting from and/or related to construction operations. All new glass shall match the existing construction.

1.10 REMOVAL OF DEBRIS AND CLEANING

- A. The Contractor shall continuously remove from the site, including the building interior, all material and debris. No storage of removed items or debris will be permitted on the site unless so directed by the Owner.
- B. The premises shall be kept as clean as practical, consistent with the neatness required for the Owner's/ Tenant's normal operations.

1.11 EXISTING MATERIAL AND EQUIPMENT REMOVED

- A. Certain materials, particularly specified, shall be reused in the work, such material shall be in good usable condition and shall be cleaned and conditioned as required for reuse.
- B. All existing material and equipment which is to remain in place or to be reused and has been damaged or defaced during the progress of the work, shall be restored to a condition equal to that which existed prior to the start of the work, or shall be replaced with new materials and equipment equal in all respects, and finished so as to be uniform in appearance to adjacent existing work.

1.12 SALVAGED MATERIALS

- A. Salvaged materials which are not to be reused will, unless otherwise specified, or verbally requested by the Owner's Representative, become the property of the Contractor and will be removed from the premises by him and legally disposed of off-site by him.

1.13 APPLICABLE CODES

- A. The Contractor shall comply with all applicable state and local rules and regulations relating to buildings, employment, the preservation of public health and safety, use of streets, and the performance of the work of this Contract.
- B. Should the Contractor perform any work knowing it to be contrary to existing laws, rules and regulations, and fail to give notice of such fact to the Owner, he shall bear all costs arising there from and hold the Owner harmless for such violation.

- C. Where the contract documents require the work or parts of the work to be done in accordance with a particular standard or code recognized in the building industry, and that cited code includes requirements above the standards required by state or local law, such work shall be completed in accordance with the requirements of the Contract.

1.14 CONSTRUCTION SIGNS

- A. No signs regarding advertisement of any kind may be erected or displayed on the site. The Contractor shall provide all signs, barricades, etc. to alert, warn and/or protect the general public, building employees and their own personnel against the on-going reroofing operations in accordance with all applicable Construction Safety Standards (MIOSHA).

1.15 EXISTING CONDITIONS

- A. The Contractor shall check all dimensions and verify all conditions shown on the drawings at the site in relation to his work.
- B. Information as shown on the plans is given solely for the convenience of the Contractor, and use of such dimensions, elevations, sizes or information is made at his own risk.
- C. Conditions other than those which are described in these specifications shall be identified in writing to the Roof Consultant before proceeding with the work. The Roof Consultant will provide approved alternate details as required by changed conditions. The Contractor shall be responsible for any unauthorized changes he incorporates in the work.

1.16 OWNER OCCUPANCY

- A. Owner intends to continue to occupy adjacent portions of the existing buildings during the entire construction period.
- B. Cooperate with Owner to minimize conflict and to facilitate Owner's operations.
- C. Schedule the Work to accommodate Owner occupancy.

1.17 CONTRACTOR USE OF SITE AND PREMISES

- A. Arrange use of site and premises to allow:
 - 1. Owner occupancy.
 - 2. Use of site and premises by the public.
- B. Provide access to and from site as required by law and by Owner:
 - 1. Emergency Building Exits During Construction: Keep all exits required by code open during construction period; provide temporary exit signs if exit routes are temporarily altered.
 - 2. Do not obstruct roadways, sidewalks, or other public ways without permit.
- C. Existing building spaces may not be used for storage.
- D. Time Restrictions:
 - 1. Limit conduct of especially noisy exterior work to the hours established by local municipality ordinances.
- E. Utility Outages and Shutdown:
 - 1. Prevent accidental disruption of utility services to other facilities.

PART 2 PRODUCTS - NOT USED

PART 3 EXECUTION - NOT USED

END OF SECTION