

**ADDENDUM No. 1**  
**Request for Competitive Sealed Proposals (CSP)**  
**19CSP051 Roof Improvements at Walnut Creek Elementary**  
**School**

**November 9, 2018**

- Item 1:** Revisions to Specification Section 01 10 00 – Scope of Work  
**Item 2:** Revisions to Specification Section 01 33 00 – Submittal Procedures  
**Item 3:** Revisions to Specification Section 07 56 00 – Elastomeric Roof Coatings  
**Item 4:** Revisions to Specification Section 07 62 00 – Sheet Metal Flashing and Trim  
**Item 5:** Revisions to Drawing Sheet A102 – Partial Roof Plan  
**Item 6:** Revisions to Drawing Sheet A202 – Partial Roof Plan  
**Item 7:** Page 4 of the Document – Project Manual Table of Contents – Revisions to the Alternates Scope of Work  
**Item 8:** Page 8 of the Document – Instruction to Offerors – Revisions to the Alternates Scope of Work  
**Item 9:** Page 17 of the Document – Proposal Form – Revisions to the Alternates Scope of Work  
**Item 10:** Page 18 of the Document – Proposal Form – Added Line Item for Alternate 1B

- Item 1:** Revisions to Specification Section 01 10 00 – Scope of Work is attached  
**Item 2:** Revisions to Specification Section 01 33 00 – Submittal Procedures is attached  
**Item 3:** Revisions to Specification Section 07 56 00 – Elastomeric Roof Coatings is attached  
**Item 4:** Revisions to Specification Section 07 62 00 – Sheet Metal Flashing and Trim is attached  
**Item 5:** Revisions to Drawing Sheet A102 – Partial Roof Plan is attached  
**Item 6:** Revisions to Drawing Sheet A202 – Partial Roof Plan is attached  
**Item 7:** Page 4 of the Document – Project Manual Table of Contents –is attached  
**Item 8:** Page 8 of the Document – Instruction to Offerors is attached  
**Item 9:** Page 17 of the Document – Proposal Form is attached  
**Item 10:** Page 18 of the Document – Proposal Form –is attached



**ENGINEERED EXTERIORS, PLLC**

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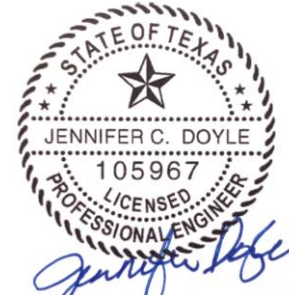
Austin, Texas 78750

Office (512) 571-3530

**Date: November 5, 2018**

**To: All Plan Holders**

**RE: Walnut Creek Elementary School**  
Austin Independent School District  
AISD Project No. 18-0028-WALCK  
EE Project No. 004-012



NOVEMBER 5, 2018

F-12811

**ADDENDUM NO. 1**

*This addendum applies to the Bidding Documents for the subject project, prepared by Engineered Exteriors, PLLC, dated September 18, 2018, and shall be included as part of the Contract Documents.*

**PROJECT MANUAL**

Div	Section	Item	Revision
00	Project Manual Table of Contents	2	Change Alternate 1 to read <b>"1A"</b> .
00	Project Manual Table of Contents	2	Add the following after Alternate 1A: <b>"ALTERNATE BID NO. 1B: Coat existing roofs at Roof Areas A-1, A-9, A-11, A-13, and A-16 with new reflective fluid applied reinforced roof membrane as specified, replacing wet substrate at areas noted in the Drawings"</b>
00	Instruction to Offerors	1.1.1	Change Alternate 1 to read <b>"1A"</b> .
00	Instruction to Offerors	1.1.1	Add the following after Alternate 1A: <b>"ALTERNATE BID NO. 1B: Coat existing roofs at Roof Areas A-1, A-9, A-11, A-13, and A-16 with new reflective fluid applied reinforced roof membrane as specified, replacing wet substrate at areas noted in the Drawings"</b>
00	Proposal Form		Change Alternate 1 to read <b>"1A"</b> .
00	Proposal Form		Add the following after Alternate 1A: <b>"ALTERNATE BID NO. 1B: Coat existing roofs at Roof Areas A-1, A-9, A-11, A-13, and A-16 with new reflective fluid applied reinforced roof membrane as specified, replacing wet substrate at areas noted in the Drawings"</b>
00	Proposal Form	A.A.1	Add the following after Alternate 1A: <b>"ALTERNATE BID NO. 1B:</b>  _____  <b>(\$ _____ )"</b>

Div	Section	Item	Revision
01	01 10 00 Scope of Work	2.3.B. 1	<i>Change Alternate 1 to read "1A".</i>
00	01 10 00 Scope of Work	2.3.B. 1	<i>Add the following after Alternate 1A:</i> <b>"ALTERNATE BID NO. 1B: Coat existing roofs at Roof Areas A-1, A-9, A-11, A-13, and A-16 with new reflective fluid applied reinforced roof membrane as specified, replacing wet substrate at areas noted in the Drawings"</b>
01	01 33 00 Submittal Procedures	1.5.D. 2	<i>Insert the following:</i> <b>"Use the Submittal Cover Sheet included with this section as the front page for each submittal package. A separate submittal cover sheet shall be used for each specification section. Use as many submittal cover sheets as needed to complete the submittal package."</b> <i>Insert the attached Submittal Cover Sheet at the end of this Section.</i>
07	07 56 00		<i>Replaced with the attached Revised "075600 – Elastomeric Roof Coating"</i>
07	07 62 00	2.2.C	<i>Revise this item to read as follows:</i> <b>"C. Edge flashing: prefinished 24-gauge galvanized steel."</b>
07	07 62 00	3.3.E	<i>Change water cut off mastics to read:</i> <b>"roof flashing cement"</b>
07	07 62 00	3.3.I	<i>After the paragraph add the following:</i> <b>"At copings, sheet metal caps, and expansion joint covers provide 1-inch single lock standing seam, button punched."</b>
07	07 62 00	3.3.L	<i>Add the following:</i> <b>"L. Secondary waterproofing consisting of high temperature self-adhered membrane shall be installed between all sheet metal and wood blocking extending 1-inch below the bottom of the blocking and over base flashing terminations. Self-adhered membrane shall be secured at walls with a termination bar with anchors at 8" on-center, and the top edge sealed with liquid membrane or compatible sealant."</b>
07	07 62 00	3.5 A	<i>Add the following:</i> <b>"All embedded sheet metal shall be primed on both sides and set in a bed of mastic."</b>

## DRAWINGS

Sheet	Revision
A102	<i>Replace with the attached REVISED "A102"</i>
A202	<i>Replace with the attached REVISED "A202"</i>

END OF ADDENDUM NO. 1

## **SECTION 011000 – SUMMARY**

### **PART 2 - GENERAL**

#### **2.1 RELATED DOCUMENTS**

- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and other Division 01 Specification Sections, apply to this Section.

#### **2.2 SUMMARY**

- A. Section Includes:
  - 1. Project information.
  - 2. Work covered by Contract Documents.
  - 3. Access to site.
  - 4. Coordination with occupants.
  - 5. Work restrictions.
  - 6. Miscellaneous provisions.

#### **2.3 WORK COVERED BY CONTRACT DOCUMENTS**

The Work of Project is defined by the Contract Documents and consists of the following:

- A. **BASE BID:**
  - 1. Remove existing membrane and flashings to deck. Refer to Roof System Log in Drawings for existing materials. Repair existing 5/8" gypsum sheathing board at A-12 and A-12 Corridor roofs as needed, on a unit price basis.
  - 2. Install New Roof System as specified at Roof Area A-10 and A-14:
    - a. Install mechanically fastened base sheet to existing lightweight fill deck.
    - b. Install tapered polyisocyanurate insulation and 1/2" coverboard set in adhesive.
  - 3. Install New Roof System as specified at Roof Area A-12 and A-12 (Corridor):
    - a. Install R-25 polyisocyanurate insulation, first layer mechanically fastened to steel deck with subsequent layers and 1/2" coverboard set in adhesive.
    - b. Install new two ply modified bitumen roof system as specified, with all associated flashings and sheet metal.
  - 4. MEP Modifications:
    - a. Increase height of existing curbs indicated in Drawings to provide 12" minimum base flashing height.

- b. Relocate existing penetrations at locations identified on the Drawings to provide minimum specified clearances indicated in General Notes.
  - c. Raise existing piping and conduit lines to provide 8" clearance above new roof and 12" clearance at roof penetration curbs; provide drip loops at new penetration curbs for all lines except condensate drains.
  - d. Provide new pipe supports at all existing gas, refrigerant, and conduit lines at new roof areas.
  - e. Prep, prime and repaint all gas pipe lines at new roofs.
5. Walls above new roofs at A-10 and A-12 Corridor: Install new silicone elastomeric wall coating system as specified, over existing masonry, stucco, and exposed steel framing.
- B. ALTERNATE BIDS:
- 1A. Install Roof Coating System at Roof Areas A-1, A-09, A-11, A-13, A-16:**
- a. Replace wet substrate at locations identified in the Drawings.
  - b. Clean existing roof surface and install reinforcing set in coating at seams and detail areas, as required by coating manufacturer.
  - c. Install coating system per manufacturer requirements.
- 1B: Coat existing roofs at Roof Areas A-1, A-9, A-11, A-13, and A-16 with new reflective fluid applied reinforced roof membrane as specified, replacing wet substrate at areas noted in the Drawings**
2. Install New Skylights at A-11:
- a. Remove existing damaged skylights.
  - b. Install new skylights as specified.

## 2.4 ACCESS TO SITE

- A. General: Contractor shall have limited use of Project site for construction operations as indicated on Drawings by the Contract limits and as indicated by requirements of this Section.
- B. Use of Site: Limit use of Project site areas within the Contract limits indicated. Do not disturb portions of Project site beyond areas in which the Work is indicated.
- C. Contractor shall supply temporary storage required for storage of equipment and materials for duration of Project. Utilize only areas designated by Owner for storage.
  1. Limits: Confine construction operations to staging and parking areas approved by Owner, and areas immediately around the roof areas included in the scope of work.
  2. Driveways, Walkways and Entrances: Keep driveways, loading areas, and entrances serving premises clear and available to Owner, Owner's employees, and emergency vehicles at all times. Do not use these areas for parking or storage of materials.

- a. Schedule deliveries to minimize use of driveways and entrances by construction operations.
  - b. Schedule deliveries to minimize space and time requirements for storage of materials and equipment on-site.
- D. Condition of Existing Building: Maintain portions of existing building affected by construction operations in a weathertight condition throughout construction period. Repair damage caused by construction operations.

## **2.5 COORDINATION WITH OCCUPANTS**

- A. Full Owner Occupancy: Owner will occupy site during entire construction period. Cooperate with Owner during construction operations to minimize conflicts and facilitate Owner usage. Perform the Work so as not to interfere with Owner's day-to-day operations. Maintain existing exits unless otherwise indicated.
- 1. Maintain access to existing walkways, corridors, and other adjacent occupied or used facilities. Do not close or obstruct walkways, corridors, or other occupied or used facilities without written permission from Owner and approval of authorities having jurisdiction.
  - 2. Notify Owner not less than **72** hours in advance of activities that will affect Owner's operations.

## **2.6 WORK RESTRICTIONS**

- A. Work Restrictions, General: Comply with restrictions on construction operations. Comply with limitations on use of public streets and with other requirements of authorities having jurisdiction.
- B. On-Site Work Hours, Summer Session: Limit work on the existing building to occur between 5:00 a.m. to 8:00 p.m., Monday through Friday, Saturday and Sunday.
- C. Noise, Vibration, and Odors: Coordinate operations that may result in high levels of noise and vibration, odors, or other disruption to Owner occupancy with Owner. Notify Engineer and Owner not less than two calendar days in advance of proposed disruptive operations.
- D. Nonsmoking Building: Smoking is not permitted within the building or within 25 feet of entrances, operable windows, or outdoor-air intakes.
- E. Controlled Substances: Use of tobacco products and other controlled substances on Project site is not permitted.
- F. Employee Identification: Provide identification tags for Contractor personnel working on Project site. Require personnel to use identification tags at all times.

## **2.7 PRE-JOB DAMAGE SURVEY OF FACILITY**

- A. Perform a thorough survey of property and all affected areas of the buildings with Owner prior to starting the work in order to document existing damage and operational status of existing equipment. Non-functional or damaged items identified on this list will not be the responsibility of Contractor unless further damaged by Contractor during execution of Project.
- B. Consider any damage to buildings or property not identified in the pre-job damage survey as having resulted from execution of this Contract and correct at no additional expense to Owner.

## **1.8 PERMITS**

- A. Contractor shall provide and coordinate the timely submittal of the Construction Documents to the Authorities having Jurisdiction to obtain a permit for the Scope of Work.
- B. Engineer will assist with technical responses to Plan Review Comments as necessary.
- C. Pre-Job Submittals:
  - 1. Copy of Permit Application
  - 2. Copy of Permit Approval

## **1.9 GUARANTEE AND WARRANTY**

- A. Provide Two-Year Contractor's Warranty for materials and installation. Refer to Section Section 017700 "Closeout Procedures" for Contractor's Roofing Warranty to be provided to the Owner.
- B. Manufacturer's Guarantee:
  - 1. Base Bid: Provide Roof Manufacturer's 20-Year No Dollar Limit (NDL) System Warranty
  - 2. The Guarantee shall be transferable.

## **PART 2 - PRODUCTS (Not Used)**

## **PART 3 - EXECUTION (Not Used)**

**END OF SECTION**

## **SECTION 013300 - SUBMITTAL PROCEDURES**

### **PART 1 - GENERAL**

#### **1.1 RELATED DOCUMENTS**

- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and other Division 01 Specification Sections, apply to this Section.

#### **1.2 SUMMARY**

- A. Section includes requirements for the submittal schedule and administrative and procedural requirements for submitting Shop Drawings, Product Data, Samples, and other submittals.
- B. Related Requirements: Section 013200 "Construction Progress Documentation" for submitting schedules and reports, including Contractor's construction schedule.

#### **1.3 DEFINITIONS**

- A. Action Submittals: Written and graphic information and physical samples that require Engineer's responsive action. Action submittals are those submittals indicated in individual Specification Sections as "action submittals."
- B. Informational Submittals: Written and graphic information and physical samples that do not require Engineer's responsive action. Submittals may be rejected for not complying with requirements. Informational submittals are those submittals indicated in individual Specification Sections as "informational submittals."
- C. Portable Document Format (PDF): An open standard file format licensed by Adobe Systems used for representing documents in a device-independent and display resolution-independent fixed-layout document format.

#### **1.4 ACTION SUBMITTALS**

- A. Submittal Schedule: Submit a schedule of submittals on form provided at the end of this Section or on electronic form provided by Engineer. Submittal Schedule will be updated and included with all submittals.

#### **1.5 SUBMITTAL ADMINISTRATIVE REQUIREMENTS**

- A. Engineer's Digital Data Files: Electronic digital data files of the Contract Drawings will be provided by Engineer for Contractor's use in preparing submittals.
  - 1. Engineer will, upon request, furnish Contractor one set of digital data drawing files of the Contract Drawings for use in preparing Shop Drawings and Project record



drawings. Engineer makes no representations as to the accuracy or completeness of digital data drawing files as they relate to the Contract Drawings.

- B. Coordination: Coordinate preparation and processing of submittals with performance of construction activities.
1. Coordinate each submittal with fabrication, purchasing, testing, delivery, other submittals, and related activities that require sequential activity.
  2. Submit all submittal items required for each Specification Section concurrently unless partial submittals for portions of the Work are indicated on approved submittal schedule.
  3. Submit action submittals and informational submittals required by the same Specification Section as separate packages under separate transmittals.
  4. Coordinate transmittal of different types of submittals for related parts of the Work so processing will not be delayed because of need to review submittals concurrently for coordination.
    - a. Engineer reserves the right to withhold action on a submittal requiring coordination with other submittals until related submittals are received.
- C. Processing Time: Allow time for submittal review, including time for resubmittals, as follows. Time for review shall commence on Engineer's receipt of submittal. No extension of the Contract Time will be authorized because of failure to transmit submittals enough in advance of the Work to permit processing, including resubmittals.
1. Initial Review: Allow 4 days for initial review of each submittal. Allow additional time if coordination with subsequent submittals is required. Engineer will advise Contractor when a submittal being processed must be delayed for coordination.
  2. Intermediate Review: If intermediate submittal is necessary, process it in same manner as initial submittal.
  3. Resubmittal Review: Allow 4 days for review of each resubmittal.
- D. Format:
1. Submittal Log: Update to reflect current submittals attached and include with each submittal.
  2. Cover Page: **Use the Submittal Cover Sheet included with this section as the front page for each submittal package. A separate submittal cover sheet shall be used for each specification section. Use as many submittal cover sheets as needed to complete the submittal package.**
    - a. Indicate name of firm or entity that prepared each submittal on label or title block.
    - b. Provide a space on label or beside title block to record Contractor's review and approval markings and action taken by Engineer.
    - c. Include the following information for processing and recording action taken:
      - 1) Project name.

- 2) Date.
- 3) Name of Engineer.
- 4) Name of Contractor.
- 5) Name of subcontractor.
- 6) Name of supplier.
- 7) Name of manufacturer.
- 8) Submittal number or other unique identifier, including revision identifier. Submittal number shall use Specification Section number followed by a decimal point and then a sequential number (e.g., 061000.01). Resubmittals shall include an alphabetic suffix after another decimal point (e.g., 061000.01.A).
- 9) Number and title of appropriate Specification Section.
- 10) Drawing number and detail references, as appropriate.
- 11) Location(s) where product is to be installed, as appropriate.
- 12) Other necessary identification.

3. Additional Paper Copies: Unless additional copies are required for final submittal, and unless Engineer observes noncompliance with provisions in the Contract Documents, initial submittal may serve as final submittal.

- E. Options: Identify options requiring selection by Engineer.
- F. Deviations and Additional Information: On an attached separate sheet, prepared on Contractor's letterhead, record relevant information, requests for data, revisions other than those requested by Engineer on previous submittals, and deviations from requirements in the Contract Documents, including minor variations and limitations. Include same identification information as related submittal.
- G. Resubmittals: Make resubmittals in same form and number of copies as initial submittal.
1. Note date and content of previous submittal.
  2. Note date and content of revision in label or title block and clearly indicate extent of revision.
  3. Resubmit submittals until they are marked with approval notation from Engineer's action stamp.
- H. Distribution: Furnish copies of final submittals to manufacturers, subcontractors, suppliers, fabricators, installers, authorities having jurisdiction, and others as necessary for performance of construction activities. Show distribution on transmittal forms.
- I. Use for Construction: Retain complete copies of submittals on Project site. Use only final action submittals that are marked with approval notation from Engineer's action stamp.

## **PART 2 - PRODUCTS**

### **2.1 SUBMITTAL PROCEDURES**

- A. General Submittal Procedure Requirements: Prepare and submit submittals required by individual Specification Sections. Types of submittals are indicated in individual Specification Sections.

1. Submit electronic submittals via email as PDF electronic files or as a minimum of three (3) paper copies. Engineer will return annotated documents in the same format received. Annotate and retain one copy of returned submittals in the Project record document file.
- A. Product Data: Collect information into a single submittal for each element of construction and type of product or equipment.
1. If information must be specially prepared for submittal because standard published data are not suitable for use, submit as Shop Drawings, not as Product Data.
  2. Mark each copy of each submittal to show which products and options are applicable.
  3. Include the following information, as applicable:
    - a. Manufacturer's catalog cuts.
    - b. Manufacturer's product specifications.
    - c. Standard color charts.
    - d. Statement of compliance with specified referenced standards.
    - e. Testing by recognized testing agency.
    - f. Application of testing agency labels and seals.
    - g. Notation of coordination requirements.
    - h. Availability and delivery time information.
  4. For equipment, include the following in addition to the above, as applicable:
    - a. Wiring diagrams showing factory-installed wiring.
    - b. Printed performance curves.
    - c. Operational range diagrams.
    - d. Clearances required to other construction, if not indicated on accompanying Shop Drawings.
  5. Submit Product Data before or concurrent with Samples.
  6. Submit Product Data in the following format:
    - a. PDF electronic file, OR
    - b. Three (3) paper copies of Product Data. Engineer will return two copies.
- B. Shop Drawings: Prepare Project-specific information, drawn accurately to scale. Do not base Shop Drawings on reproductions of the Contract Documents or standard printed data.
1. Preparation: Fully illustrate requirements in the Contract Documents. Include the following information, as applicable:
    - a. Identification of products.
    - b. Schedules.
    - c. Compliance with specified standards.
    - d. Notation of coordination requirements.
    - e. Notation of dimensions established by field measurement.
    - f. Relationship and attachment to adjoining construction clearly indicated.
    - g. Seal and signature of professional engineer if specified.
  2. Submit Shop Drawings in the following format:
    - a. PDF electronic file; OR

- b. Three (3) opaque copies of each submittal. Engineer will retain one copy and issue one copy to Owner; remainder will be returned.
- C. Contractor's Construction Schedule: Comply with requirements specified in Section 013200 "Construction Progress Documentation."
- D. Test and Inspection Reports and Schedule of Tests and Inspections Submittals: Comply with requirements specified in Section 014000 "Quality Requirements."
- E. Closeout Submittals and Maintenance Material Submittals: Comply with requirements specified in Section 017700 "Closeout Procedures."
- F. Qualification Data: Prepare written information that demonstrates capabilities and experience of firm or person. Include lists of completed projects with project names and addresses, contact information of Engineers and owners, and other information specified.
- G. Welding Certificates: Prepare written certification that welding procedures and personnel comply with requirements in the Contract Documents. Submit record of Welding Procedure Specification and Procedure Qualification Record on AWS forms. Include names of firms and personnel certified.
- H. Installer Certificates: Submit written statements on manufacturer's letterhead certifying that Installer complies with requirements in the Contract Documents and, where required, is authorized by manufacturer for this specific Project.
- I. Manufacturer Certificates: Submit written statements on manufacturer's letterhead certifying that manufacturer complies with requirements in the Contract Documents. Include evidence of manufacturing experience where required.
- J. Product Certificates: Submit written statements on manufacturer's letterhead certifying that product complies with requirements in the Contract Documents.
- K. Material Certificates: Submit written statements on manufacturer's letterhead certifying that material complies with requirements in the Contract Documents.
- L. Material Test Reports: Submit reports written by a qualified testing agency, on testing agency's standard form, indicating and interpreting test results of material for compliance with requirements in the Contract Documents.
- M. Product Test Reports: Submit written reports indicating that current product produced by manufacturer complies with requirements in the Contract Documents. Base reports on evaluation of tests performed by manufacturer and witnessed by a qualified testing agency, or on comprehensive tests performed by a qualified testing agency.
- N. Preconstruction Test Reports: Submit reports written by a qualified testing agency, on testing agency's standard form, indicating and interpreting results of tests performed before installation of product, for compliance with performance requirements in the Contract Documents.
- O. Compatibility Test Reports: Submit reports written by a qualified testing agency, on testing agency's standard form, indicating and interpreting results of compatibility tests performed before installation of product. Include written recommendations for primers and substrate preparation needed for adhesion.

- P. Field Test Reports: Submit written reports indicating and interpreting results of field tests performed either during installation of product or after product is installed in its final location, for compliance with requirements in the Contract Documents.
- Q. Design Data: Prepare and submit written and graphic information, including, but not limited to, performance and design criteria, list of applicable codes and regulations, and calculations. Include list of assumptions and other performance and design criteria and a summary of loads. Include load diagrams if applicable. Provide name and version of software, if any, used for calculations. Include page numbers.

## **PART 3 - EXECUTION**

### **3.1 CONTRACTOR'S REVIEW**

- A. Action and Informational Submittals: Review each submittal and check for coordination with other Work of the Contract and for compliance with the Contract Documents. Note corrections and field dimensions.
- B. Project Closeout and Maintenance Material Submittals: See requirements in Section 017700 "Closeout Procedures."

### **3.2 ENGINEER'S ACTION**

- A. Action Submittals: Engineer will review each submittal, make marks to indicate corrections or revisions required, and return it. Engineer will stamp each submittal with an action stamp and will mark stamp appropriately to indicate action.
- B. Informational Submittals: Engineer will review each submittal and will not return it, or will return it if it does not comply with requirements. Engineer will forward each submittal to appropriate party.
- C. Partial submittals prepared for a portion of the Work will be reviewed when use of partial submittals has received prior approval from Engineer.
- D. Incomplete submittals are unacceptable, will be considered nonresponsive, and will be returned for resubmittal without review.
- E. Submittals not required by the Contract Documents may be returned by the Engineer without action.

**END OF SECTION**

## **SECTION 013300 - SUBMITTAL PROCEDURES**

### **SUBMITTAL PROJECT FORMS SUPPLEMENT**

The Submittal Cover Sheet in this supplement to the Submittal Procedures are part of the Contract Documents and are to be used as required by these Documents. The submittal cover sheet must be included with all submittals in the format provided, all other formats will be rejected.



## **SECTION 075600 - ELASTOMERIC ROOF COATINGS**

### **PART 1 - GENERAL**

#### **1.1 DESCRIPTION**

- A. Installation of elastomeric coating system (Alternate Bid 1A).
- B. Installation of fluid applied reinforced roof system (Alternate 1B).

#### **1.2 RELATED SECTIONS**

- A. Section 075250, "Modified Bituminous Sheet Roofing"

#### **1.3 SUBMITTALS**

- A. Product data
- B. Installation instructions
- C. Details

#### **1.4 PRODUCT STORAGE AND HANDLING**

- A. Storage of Materials: Store in accordance with manufacturer's recommendations.
- B. Handling and Protection of Materials: Meet requirements of manufacturer's recommendations for handling and protection of materials during installation. Handle products so that they are not contaminated by foreign materials.
- C. Damaged Materials: Contaminated or damaged materials shall not be used in the installation and shall be immediately removed from site upon discovery.
- D. Exercise caution when working with solvent based materials within the limitations described by the manufacturer.

### **PART 2 - PRODUCTS**

#### **2.1 COATING SYSTEM**

##### **A. Alternate 1A – Elastomeric Coating System**

- 1. Elastomeric epoxy or silicone based roof coating system, equivalent to one of the following Basis of Design products:
  - a. Gaco Western GacoElastomeric Silicone Roof Coating system
  - b. Novatuff RC-100 Flexible Epoxy Roof Coating system
- 2. Coating Minimum Properties:
  - a. Thickness: two coating layers minimum, each layer 12 dry mils minimum, total coating thickness 24 dry mils minimum.



- b. Comply with ONE of the following:
  - 1) Three-year aged solar reflectance of 0.55 minimum AND three-year aged thermal emittance of 0.75.
  - 2) Initial solar reflectance of 0.70 and initial thermal emittance of 0.75
  - 3) Three-year aged solar reflectance index (SRI) of 64.
  - 4) Initial solar reflectance (SRI) of 82.
  
- B. Alternate 1B – Fluid Applied Reinforced Roof System**
  - 1. Fluid Applied Reinforced Roofing, equivalent to one of the following Basis of Design products:
    - a. Western Colloid 1-ply polyester reinforced all acrylic membrane (SMAA-1P-6xE).
    - b. Siplast liquid-applied polyester reinforced PMMA system (Parapro Roof Membrane System).
  
  - 2. Fluid Applied Reinforced Roofing Minimum Properties:
    - a. Thickness: Three-layer system consisting of primer/base coat, polyester reinforcement fabric, and top coat, total system thickness 62 dry mils minimum.
    - b. Comply with ONE of the following:
      - 1) Three-year aged solar reflectance of 0.55 minimum AND three-year aged thermal emittance of 0.75.
      - 2) Initial solar reflectance of 0.70 and initial thermal emittance of 0.75
      - 3) Three-year aged solar reflectance index (SRI) of 64.
      - 4) Initial solar reflectance (SRI) of 82.

## 2.2 ACCESSORY MATERIALS

- A. Reinforcing Fabric: Manufacturer's 100% polyester Fabric used as reinforcement for flashing details.
  
- B. Flashing Grade Sealant: Manufacturer's synthetic sealant used in conjunction with the Reinforcing Fabric.
  
- C. Flashing Tape: Manufacturer approved reinforced adhesive tape.
  
- D. Thinner: Manufacturer approved thinner for re-activating or clean-up of system surfaces.
  
- E. Primer: Manufacturer approved inter-coat adhesion primer for reactivating system base coat surfaces.

## PART 3 - EXECUTION

### 3.1 PREPARATION FOR COATING

- A. Cleaning

1. Remove all loose gravel, dirt, dust, debris, etc., by power washing, **use of blowers and sweeping**. The entire surface to be coated shall be free of dust, dirt, tar, oil, moisture, frost, or any other material that would impair the adhesion of base coat to the substrate surface.
2. **Roof blisters and areas of ponding shall be repaired with compatible materials prior to coating.**
3. Coating must be installed on cleaned surfaces within 72 hours after cleaning operations are complete.
4. Flashings must be detailed and allowed to cure for 24 hours prior to applying the coating.
5. Prevent mechanical units from distributing solvent fumes into the building.

#### B. Environmental Conditions

1. Coating application and detail work shall not commence during inclement weather, when a precipitation appears imminent, when the temperature is below 45 degrees F, or when relative humidity exceeds 85%. To provide adequate curing time, coating and detail work shall terminate a minimum of four (4) hours before sundown.
2. All asphaltic surfaces to be coated shall have already been primed, if necessary, with cutback asphalt or asphalt primer and shall have been allowed adequate curing time before detail work commences.

#### C. Flashings: All flashings shall be detailed using Manufacturer's Primer (as needed), Reinforcing Fabric, Flashing Grade Sealant and Base Coat, to achieve the minimum specified dry film thickness for penetration details and flashings, in accordance with Manufacturer's requirements.

1. All galvanized, phosphated, and non-painted metallic surfaces to be coated—including, but not limited to, metal flashings, expansion joints, air handling equipment, penetrations, and the like—shall have already been primed with Manufacturer's corrosion inhibiting primer, or equal, and shall have been allowed adequate curing time before detail work commences.
2. Reinforcing Fabric should be unrolled and cut to a maximum length of ten feet prior to setting in place.
3. Apply Base Coat to all areas at rate recommended by manufacturer to achieve 12 dry mils thickness.
4. Embed Reinforcing Fabric into the coating at locations where required by the manufacturer, at a minimum at all transitions in plane and around penetrations. Provide minimum 4" laps. Brush for proper adhesion and removal of all voids.
5. Apply a second coat at the rate recommended by manufacturer to achieve 12 dry mils thickness, over the Reinforcing Fabric and a minimum of 2" beyond edges in each direction.

#### D. Roof Penetrations

1. The base of all circular roof penetrations, i.e. stacks, vents, etc., and curb penetrations must be sealed using Base Coat embedded into Fabric Apply Base Coat at 2 gal/100 sq. ft (32 wet mils), embed Fabric (cut to size), brush

for proper adhesion and removal of all voids. Apply a second coat of Base Coat at 2 gal/100 sq. ft (32 wet mils) over the Fabric and a minimum of 2" beyond edges.

**E. Edge Flashings**

1. Where edge flashing is left in place, cut back roofing 2 inches from edge of membrane and strip-in with base coat, fabric reinforcement and top coat system as required by the manufacturer to provide for a positive attachment of the metal edge.

**F. Roof Drains**

1. Prior to the application of the coating system, remove the clamping ring and clean sump area and drain as necessary. Clean all existing asphalt, coal tar, adhesives, or mastics from the roof drain and repair roof membrane from around the drain and sump. Apply strip-in with base coat, fabric reinforcement and top coat (or as required by the manufacturer) to the entire drain sump area and extend into the drain bowl and extending a minimum of 18" beyond the drain sump. Allow to dry. The new coating system shall be applied by overlapping onto the strip-in and terminating around the clamping ring or as required by the manufacturer.

**3.2 ROOF COATING SYSTEM**

- A. General: For optimum results, the protective coating must not be applied to wet or damp surfaces, and postponed if rain is imminent. Failure to comply can result in blistering. In addition, finish coat must be applied to the base coat within 72 hours of the base coat application.

**B. Coverage Requirements**

1. Apply Base Coat at the application rate required to achieve the specified dry mil thickness to the roof surface including previously coated flashings, blisters, splits, seams.
2. Allow Base Coat to cure (min. 24 hours). Then apply Finish Coat at the application rate required to achieve the specified dry mil thickness to the roof surface including previously coated flashings, blisters, splits, seams. Because of the irregular surface that can be encountered, these amounts are minimum requirements and may be increased due to surface conditions.
3. Do not permit traffic on completed roof surface for a minimum of 24 hours, unless absolutely necessary, and only after complete cure.

- C. Standard Application – Field of Roof: Base Coat may be applied by brush, roller, squeegee, or heavy-duty airless spray. When applying over a previously coated substrate, a test patch shall be applied to determine compatibility.

**1. Spray Equipment Requirements**

- a. Application of elastomeric coatings with spray equipment may require some masking and possible erection of wind screens to

- prevent over spray and drift damage. Protect surfaces of unrelated areas from coatings and overspray possibility.
- b. Use manufacturer's recommended pump, sprayer, hose, guns, and tips for the spray application of their coating.
  - c. Skill and experience of the spray applicator is important to the success of the coating application. Periodic checking of the film build is required to ensure specified results.
  - d. Contractor shall backroll the base coat as recommended by Manufacturer (the first pass of the base coat if applied in multiple passes) as it is being applied in order to maximize adhesion to the substrate and to eliminate voids.

## 2. Drains and Ponding Areas

- a. **At Drains & Areas of Ponding:** Areas around drains and scuppers shall receive an extra ply of polyester fabric set in the top coat. In addition, valleys, waterways and any locations where water ponds for more than 24 hours shall receive an extra ply of polyester fabric set in the top coat. The extra ply is to extend 12 inches beyond the ponding area or as needed to extend beyond the drain/scupper sump. To this area set 1 ply of polyester into a 3 gallon per 100 sq. ft. application of top coat and broom lightly to achieve full saturation having no wrinkles or voids. This application shall be applied after the roof membrane and prior to the final top coatings.

3. Do not permit traffic on completed roof surfaces, 24 hours, unless absolutely necessary, and only after complete cure.

## 4. Walkway Protection

- a. **Walkway Coating:** Apply walkway protection surface coating and non-slip surface around all powered mechanical equipment, at access doors, around roof hatches, skylights, and top and bottom of ladders. Apply an extra reinforcing layer of polyester fabric over the top coat in all walkway areas to increase resistance to puncture and membrane damage. Apply ceramic granules or natural quartz anti-skid surfacing or as required by the manufacturer. Color selection to be determined by the Owner and all standard colors shall be available for selection.

### 3.3 CLEAN UP

- A. As work progresses, it is essential to keep equipment in clean, working condition. If spray equipment is used, flush lines with manufacturer's recommended cleaning materials. General clean-up with same.
- B. Do not allow the coating material to remain in the spray equipment overnight.
- C. At the conclusion of the project, all equipment should be cleaned and returned to its designated location. Disposal of empty, partially full or full drums should be removed from the site, stored or disposed of in a legal manner.

**END OF SECTION**

## **SECTION 076200 - SHEET METAL FLASHING AND TRIM**

### **PART I - GENERAL**

#### **1.1 WORK INCLUDED**

- A. Install flashing and sheet metal as indicated on Drawings and in these specifications as required for a complete and proper installation. The following items are included:
  - 1. Installation of temporary membrane waterproofing over new plywood installed after abatement of existing asbestos siding materials.
  - 2. Edge metal and fascia metal.
  - 3. Gutters and downspouts, cast iron downspout boots.
  - 4. Sheet metal counterflashing.
  - 5. Termination bars.
  - 6. Coping Caps.
  - 7. Expansion joint covers and area divider covers.

#### **1.2 RELATED WORK**

- A. Section 061053 – Miscellaneous Rough Carpentry
- B. Section 072200 – Roof and Deck Insulation
- C. Section 075250 – Modified Bituminous Sheet Roofing
- D. Section 077200 – Roof Accessories

#### **1.3 SUBMITTALS**

- A. Submit shop drawings and product data under provisions of Section 013300.
- B. Describe material profile, jointing pattern, jointing details, fastening methods, and installation details.
- C. Submit samples under provisions of Section 013300.
- D. Sealant product data and color chart(s).

#### **1.4 QUALITY ASSURANCE**

- A. Perform work in accordance with SMACNA and NRCA standard details and requirement.

#### **1.5 QUALIFICATIONS**

- A. Company specializing in sheet metal flashing work with a minimum of 10-years documented experience.

## 1.6 STORAGE AND HANDLING

- A. Stack pre-formed materials to prevent twisting, bending, or abrasion, and to provide ventilation.
- B. Prevent contact with materials during storage that may cause discoloration, staining, or damage. Materials damaged by improper storage techniques, including "white rust" will be rejected and replaced at Contractor's expense.

## 1.7 WARRANTY

- A. Sheet Metal work and accessories to be included in Two-Year Contractor's Warranty.
- B. Provide pre-finished metal manufacturer's twenty-year coating guarantee.
- C. Provide pre-finished metal manufacturer's twenty-year galvanized steel guarantee.

## PART 2 - PRODUCTS

### 2.1 SHEET METALS

- A. Sheet metal flashing: 24-gauge galvanized steel and Series 300 stainless steel. Refer to Section 075419 for membrane coated 24 gauge galvanized steel.
- B. Pre-finished metal: 24-gauge galvanized steel, Kynar 500.

### 2.2 SHEET METAL COMPONENTS

- A. Receivers and Counterflashing:
  - 1. Curbs: 24-gauge galvanized steel.
  - 2. Walls: 24-gauge prefinished galvanized steel.
- B. Expansion Joint Covers, Area Divider Covers, Gutters, and Downspouts: Pre-finished 24-gauge galvanized steel.
- C. Edge flashing: ~~membrane coated prefinished~~ 24-gauge galvanized steel, ~~refer to Section 075419.~~
- D. Gutter Straps, Brackets, and Downspout Straps: Minimum 1/8-inch by 1-inch galvanized steel. Wrap downspout straps and gutter brackets in prefinished 24-gauge galvanized steel to match gutters/downspouts.
- E. Cast Iron Downspout Boots: Barry Pattern and Foundry, model and size to coordinate with downspout size specified, or approved equivalent, 3'-0" height. Coordinate model to accommodate discharge to below grade piping if present, otherwise provide discharge at grade. Provide boots at all downspouts unless discharge is at a roof level. Refer to Section 077200 for painting of boots and connection plates.
  - 1. Fasteners for Downspout Boots at Steel Columns: Hilti X-U Powder Actuated Fastener, length as required to provide 3/4" minimum embedment.

2. Fasteners for Downspout Boots at Masonry Walls: 3/16" stainless steel Hilti HAS threaded rod with HY20 adhesive, or approved equivalent.
- F. Cleats: 22-gauge galvanized steel.
- G. Hoods for Pipe Penetration Curbs and Square to Round Flashings: Minimum 24 gauge stainless steel.
- H. Splash Pan: 24-gauge galvanized steel splash pan, where downspout discharges on adjacent roof level, adhered to protection pad. Provide at every downspout discharging to roof surfaces.
- I. Splash Block: precast concrete splash block, 2'-0" length x 1'-0" width, minimum. Provide at all locations where downspout discharges at non-paved surfaces at ground level.

### **2.3 ACCESSORIES**

- A. Solder: ANSI/ASTM B 32 50/50 type.
- B. Blind Pop-Rivets: Stainless steel, with stainless steel mandrels.
- C. Membrane Flashing:
  1. Self-Adhered, High Temperature Rated, Rubberized Asphalt: Carlisle CCW WIP 300 HT or approved equivalent.
  2. EPDM: Carlisle-Syntec 60 mil EPDM, black, with factory applied tape or approved equivalent.

### **2.4 SEALANT**

- A. Provide verified VOC content for all sealants and primers per AISD Sustainability Scorecard for ALL 3Ma, Low Emitting Materials, Adhesives, Sealants, Paints, Coatings.
  1. Type I: Application exposures to sunlight, ASTM C-920-87, Federal Specification TT-S-00230-C one component gun-grade polyurethane sealant suitable for continuous immersion and resistant to asphalt products.
  2. Type II: Applications not exposed to sunlight, butyl rubber based.
  3. Hot vent sealant: A one component neutral moisture curing silicone sealant.

### **2.5 SCHEDULE OF FASTENERS**

- A. Exposed fasteners: Shall be stainless steel with stainless steel bonded neoprene or EPDM washers.
- B. Fasteners shall be compatible to all materials to which they come in contact.
- C. Cleat, Counter-flashing, and Surface Fastened Components.



1. Wood Substrate: No. 10 stainless steel wood screws with stainless steel bonded neoprene washers of length necessary to penetrate wood substrate one inch.
2. Metal Substrate: Minimum No. 10 stainless steel sheet metal screws or as necessary to suit application with stainless steel bonded neoprene washers.
3. Concrete or Masonry Substrate:
  - a. Flashings: 3/16" diameter, stainless steel Tapcon Concrete/Masonry Anchors or approved equivalent, length sufficient to provide 1" min. embedment into substrate.

## **2.6 FABRICATION**

- A. Form sections to match existing profiles, true to shape, accurate in size, square, and free from distortion or defects.
- B. Fabricate continuous cleats and starter strips of same material as sheet, interlockable with sheet.
- C. Form pieces in longest practical lengths.
- D. Hem exposed edges of metal 1/2-inch; miter and seam corners.
- E. Two-piece fascia extension or "V" profile is required whenever fascia vertical height exceeds 8 inches.
- F. Fasten and seal metal joints.
- G. Fabricate vertical faces with bottom edge formed outward 1/2-inch and hemmed to form drip.
- H. Form edge metal/fascia as existing profiles as specified herein and as shown on Drawings.
- I. Form sections square, true, and accurate in size, in maximum possible lengths and free of distortion or defects detrimental to appearance or performance. Allow for expansion at joints.
- J. Enlarge holes for fastening counter flashing as necessary to allow for thermal expansion and contraction. Cover exposed holes with appropriate washers.
- K. All fabrication and installation of sheet metal shall be in accordance with the latest published SMACNA and NRCA guidelines and recognized roofing and sheet metal industry standards.

## **PART 3 - EXECUTION**

### **3.1 EXAMINATION**

- A. Verify membrane termination and base flashings are in place, sealed, and secure.

- B. Beginning of installation means acceptance of existing conditions.

### 3.2 PREPARATION

- A. Field measure site conditions prior to fabricating work.
- B. Apply protective membrane backing on surfaces in contact with dissimilar materials, including between existing steel decks and treated wood.
- C. Tie-ins or contact with dissimilar metals: Install separation layer of elastomeric membrane between metal surfaces.

### 3.3 INSTALLATION - GENERAL

- A. Provide flashings of materials indicated on Drawings at all junctures of the roof with perimeters, curbs, mechanical, electrical equipment, etc., that a completely watertight installation is achieved.
- B. Fabricate and install sheet metal work with lines, arises and angles sharp and true, and plane surfaces free from warps and buckles. Bead or return all exposed edges.
- C. Soldering: Tin metal for full area of contact on soldered seams and joints. Do soldering slowly with well heated coppers, thoroughly heating seams and completely filling them with solder.
- D. Prime all sheet metal to receive roofing in accordance with manufacturer's requirements.
- E. Apply bed of **water cutoff mastic roof flashing cement** directly below sheet metal that is set over roofing membrane or in other areas as required by the Drawings, and the manufacturer's specifications.
- F. Submit details not covered in Drawings for approval by Owner or A/E.
- G. Install starter and edge strips, and cleats before starting installation.
- H. Secure flashings in place using concealed fasteners. Use exposed fasteners only in locations approved by A/E.
- I. Lock and seal all joints. **At copings, sheet metal caps, and expansion joint covers provide 1-inch single lock standing seam, button punched.**
- J. Fit flashings tight in place. Make corners square, surfaces true and straight in planes, and lines accurate to profiles.
- K. Fasten sheet metal with approved fasteners at a minimum of 12-inches on centers unless otherwise specified in these Specifications or the Drawings.
- L. **Secondary waterproofing consisting of high temperature self-adhered membrane shall be installed between all sheet metal and wood blocking extending 1-inch below**

the bottom of the blocking and over base flashing terminations. Self-adhered membrane shall be secured at walls with a termination bar with anchors at 8" on-center, and the top edge sealed with liquid membrane or compatible sealant.

### 3.4 TWO-PIECE COUNTERFLASHING INSTALLATION

- A. Secure counterflashing receiver over base flashing to substrate:
  - 1. Surface Mount:
    - a. Fabricate receiver with sealant ledge.
    - b. Fasten receiver to wall substrate with appropriate gasketed fastener at 12-inches on centers.
    - c. Install silicone sealant along top of receiver.
  - 2. Reglet at Masonry Joint:
    - a. Sawcut 1" minimum depth reglet at masonry joint. Secure receiver with compression bend inside joint.
    - b. Install lead wedges at 12" o.c. inside receiver bend.
    - c. Install silicone sealant inside receiver bend at joint.
- B. Secure counterflashing to receiver with stainless steel screws with bonded neoprene washers spaced 12-inches on centers.
- C. Pop-rievet and solder all seams of galvanized or stainless steel two-piece counterflashings, pop rivet and seal seams of prefinished galvanized steel.

### 3.5 EDGE FASCIA INSTALLATION

- A. Provide edge fascia flashings at dimensions indicated in the Drawings. All embedded sheet metal shall be primed on both sides and set in a bed of mastic.
- B. Secure fascia at horizontal leg with appropriate fasteners in two rows, staggered, on three-inch (3") centers.

### 3.6 CLEAT INSTALLATION

- A. Install continuous cleats for edge/coping flashing with appropriate fasteners on six-inch centers.

### 3.7 GUTTERS AND DOWNSPOUTS

- A. Join components with formed seams sealed watertight.
- B. Flash and seal gutters to downspouts and accessories. Apply sealant between gutter base and downspout flanges prior to securing with stainless steel pop rivets. Do not apply excess/additional sealant on top of downspout flange.
- C. Set splash blocks under downspouts at all locations discharging at non-paved surfaces.

- D. Set splash pans adhered to protection pads at all locations discharging to roof surfaces.
- E. Seal metal joints watertight for full metal surface contact. Rivet and apply Type II sealant between joints of metal.
- F. Test gutters and downspouts for leaks after full cure of sealants. Repair all leaks at metal joints by cleaning, priming, and reapplication of sealant.

### **3.8 CLEANING**

- A. Remove markings from all exposed sheet metal.

**END OF SECTION**







**AISD Project No. 180028-WALCK**

**PROJECT MANUAL TABLE OF CONTENTS**

**1. Project Title:** Roof Improvements at Walnut Creek Elementary

**2. Description of Work:**

BASE BID: Replace existing roofs at Roof Areas A-10, A-12, A-12 Corridor, A-14 with new insulated, reflective, roof system as specified. Replace all existing sheet metal and provide MEP modifications as noted in the Drawings.

ALTERNATE BID NO. 1A: Coat existing roofs at Roof Areas A-1, A-9, A-11, A-13, and A-16 with new reflective elastomeric roof coating as specified, replacing wet substrate at areas noted in the Drawings.

ALTERNATE BID NO. 1B: Coat existing roofs at Roof Areas A-1, A-9, A-11, A-13, and A-16 with new reflective fluid applied reinforced roof membrane as specified, replacing wet substrate at areas noted in the Drawings.

ALTERNATE BID NO. 2: Replace existing damaged skylights at A-11.

**3. Architect/Engineer:**

Engineered Exteriors, PLLC  
13740 Research Blvd., Suite C2  
Austin, TX 78750  
Office: (512) 571-3530  
www.engexteriors.com

**4. Consultants:**

None

**5. Drawings:** The Drawings are as follows and are dated September 18, 2018 unless a different date is shown below.

<b>SHEET</b>	<b>TITLE</b>
A001	COVER
A101	GENERAL NOTES
A102	SCOPE OF WORK AND SCOPE PLAN, ROOF SYSTEM LOG
A201	PARTIAL ROOF PLAN: A-12
A202	PARTIAL ROOF PLAN: A-9, A-10, A-11, A-12, A-13
A203	PARTIAL ROOF PLAN: A-1, A-16
A301	TYPICAL ROOF DETAILS



# REQUEST FOR COMPETITIVE SEALED PROPOSALS INSTRUCTIONS TO OFFERORS

(Chapter 2269, Subchapter D of the Texas Government Code)

Austin Independent School District ("AISD") requests competitive sealed proposals for a Contractor to perform the construction of the Work described below in connection with AISD's ROOF IMPROVEMENTS AT WALNUT CREEK ELEMENTARY Project (the "Project"). AISD is interested in receiving proposals from General Contractors with experience in successfully completing projects that are similar in scope, size and complexity to the Work and meeting any specialized requirements set forth below.

## 1. PROJECT

- 1.1. **Scope of Work.** The selected Offeror must furnish all labor, materials and equipment required for the construction of the following improvements (the "Work"):

BASE BID: Replace existing roofs at Roof Areas A-10, A-12, A-12 Corridor, A-14 with new insulated, reflective, roof system as specified. Replace all existing sheet metal and provide MEP modifications as noted in the Drawings.

ALTERNATE BID NO. 1A: Coat existing roofs at Roof Areas A-1, A-9, A-11, A-13, and A-16 with new reflective elastomeric roof coating as specified, replacing wet substrate at areas noted in the Drawings.

ALTERNATE BID NO. 1B: Coat existing roofs at Roof Areas A-1, A-9, A-11, A-13, and A-16 with new reflective fluid applied reinforced roof membrane as specified, replacing wet substrate at areas noted in the Drawings.

ALTERNATE BID NO. 2: Replace existing damaged skylights at A-11.

To be constructed at the following location ("Project Site"):  
Walnut Creek Elementary School, 401 W. Braker Lane, Austin, Texas 78753

- 1.2. **Estimated Project Budget:** \_\_\_\_\_
- 1.3. **Minimum Qualifications.** Because of the nature of the Work, the selected Offeror must meet the following qualifications and/or must have any licenses or certifications specified below (collectively, the "Minimum Qualifications"):
- Refer to technical specifications.
- 1.4. **Texas Education Code §22.0834 (Criminal History Record Information Review of Certain Contract Employees).** For purposes of the Project, those workers who will be performing Work on the Project Site will be "covered employees" as defined in Section 3.15 of the General Conditions. Thus, Texas Education Code §22.0834 is applicable to such covered employees, and the selected Offeror must comply with the provisions of Section 3.15 of the General Conditions with regard to such covered employees.

## 2. REQUEST FOR PROPOSALS

- 2.1. This Request for Competitive Sealed Proposals ("Request for Proposals") consists of the following documents:
- Advertisement for Request for Proposals;
  - Instructions to Offerors;
  - Proposal Form;
  - Any Contract Documents referenced in this Request for Proposals;



## PROPOSAL FORM

To: The Board of Trustees  
Austin Independent School District  
Austin, Texas

Re: AISD RFP No. \_\_\_\_\_

From: \_\_\_\_\_  
(Full legal name of firm, including DBA, if applicable)

Project Number: 18-0028-WALCK

Project Title: ROOF IMPROVEMENTS AT WALNUT CREEK ELEMENTARY SCHOOL

The undersigned offeror ("Offeror") submits this Proposal for the performance of the Work of construction, alteration or repair (the "Work") described as follows:

BASE BID: Replace existing roofs at Roof Areas A-10, A-12, A-12 Corridor, A-14 with new insulated, reflective, roof system as specified. Replace all existing sheet metal and provide MEP modifications as noted in the Drawings.

ALTERNATE BID NO. 1A: Coat existing roofs at Roof Areas A-1, A-9, A-11, A-13, and A-16 with new reflective elastomeric roof coating as specified, replacing wet substrate at areas noted in the Drawings.

**ALTERNATE BID NO. 1B: Coat existing roofs at Roof Areas A-1, A-9, A-11, A-13, and A-16 with new reflective fluid applied reinforced roof membrane as specified, replacing wet substrate at areas noted in the Drawings.**

ALTERNATE BID NO. 2: Replace existing damaged skylights at A-11.

The undersigned Offeror has carefully examined and considered the Project Site and relevant conditions and circumstances for the Work, information and requirements set out in the Request for Proposals, the Drawings and Specifications, and the requirements of the proposed Contract Documents, including the Agreement for Construction, the General Conditions and the Notice of Prevailing Wage Rates, in making this Proposal. Capitalized terms used but not otherwise defined in this Proposal Form shall have the same meanings as designated in the Request for Proposals.

### A. Proposal Terms

Based on the foregoing, the undersigned Offeror hereby offers and proposes to perform the Work, in accordance with the Contract Documents, for the Contract Amount based on the Pricing Schedule set forth below, within the Substantial Completion Date required by AISD.

#### A.1 Pricing Schedule (Express in words and numbers.)

Base Proposal \_\_\_\_\_  
\_\_\_\_\_  
(\$ \_\_\_\_\_ )

\*If applicable, indicate the amount of HAZMAT Abatement included in the Base Proposal.

\_\_\_\_\_

(\$ \_\_\_\_\_ )

Alternate No. 1A

(\$ \_\_\_\_\_ )

Alternate No. 1B

(\$ \_\_\_\_\_ )

Alternate No. 2

(\$ \_\_\_\_\_ )

**A.2 Unit Prices**

Item	Description (EST. QUANTITY BASIS FOR PRICING)	Unit Rate / UNIT
1	Treated wood lumber: 1"x4" (100 LF)	\$ _____ / LF
2	Treated wood lumber: 2"x4" (100 LF)	\$ _____ / LF
3	Treated wood lumber: 2"x6" (100 LF)	\$ _____ / LF
4	Treated wood lumber: 2"x8" (50 LF)	\$ _____ / LF
5	Treated wood lumber: 2"x10" (50 LF)	\$ _____ / LF
6	Treated wood lumber: 2"x12" (50 LF)	\$ _____ / LF
7	CDX plywood, 4'x8'x 1/2" sheet (100 SF)	\$ _____ / EA
8	Pre-finished 24-gauge galvanized sheet, 12" stretch-out (10 LF)	\$ _____ / LF
9	24-gauge stainless (304) steel sheet, 12" stretch-out (10 LF)	\$ _____ / LF
10	Lightweight Insulating Fill Deck Repair – Up to two (2") inches (5 SF)	\$ _____ / SF
11	1" polyisocyanurate insulation board, per SF	\$ _____ / SF
12	2" polyisocyanurate insulation board, per SF	\$ _____ / SF
13	1/2" coverboard, as specified, per SF	\$ _____ / SF
14	5/8" Type X Gypsum Board, per SF	\$ _____ / SF