Addendum #1

December 30, 2019

To all bidders for furnishing all labor and material necessary and required for Constructing the:

2020 Truckee Elementary School Reroof Project
11911 Donner Pass Road, Truckee

This addendum forms a part of the Contract Documents and modifies the original bidding Documents which includes the drawings and specifications labeled 2020 Truckee Elementary Reroof Project. Acknowledge all addenda on the Bid Form. Failure to do so may subject bidder to disqualification.

General:

1. It is confirmed that there are two existing roofs to be removed and the existing insulation is currently saturated.
2. Pre-bid walk notes are attached for reference.
3. The roof was tested for asbestos and none was detected.
4. Plumbing penetrations on roof are assumed to contain lead. The I-beams under the roof deck are also assumed to contain lead. It is expected that these will be able to be maintained intact.
5. The Haz Mat report can be obtained by contacting Rose Green at 530-582-2540 or rgreen@ttusd.org.

Revisions to Specifications:

1. The edge metal will extend to fully cover the existing edge of the fascia.
2. Replace Specifications Section 01 64 00 OWNER SUPPLIED MATERIAL with:
   a. 01 64 00 base bid dated 12/20/2019 and
   b. 01 64 00 alternate dated 12/20/2019
3. Confirmation of products: The contract documents include the two following product specifications for base bid and alternate bids:
   a. The Base bid for TES is a 2 ply modified bitumen set in hot asphalt per the original specifications and
   b. The Alternate bid for TES is a 2 ply modified bitumen self adhering per the original specifications.
Revisions to Drawings:

None

END OF ADDENDUM #1
Notes

2020 TRUCKEE ELEMENTARY SCHOOL REROOF PROJECT

Mandatory Pre-Bid meeting

Thursday, December 5th, 2019 at 10:30 AM

TTUSD Office 11603 Donner Pass Road, Truckee Conf Room A

A. Introductions

1. Anna Klovstad: TTUSD, Project Manager
   i) aklovstad@ttusd.org
   ii) Office: (530) 582-2548 Cell: (530) 308-6394

2. The Garland Company Inc
   i) Tim Samaniego tsamaniego@garlandind.com
      Cell: (775) 772-9822
   ii) Justin Holliman jholliman@garlandind.com
      Cell: (530) 965-0884

3. DSA Inspector: N/A This is not a DSA project

B. Bid Schedule: (AK)

1. Drawings are available via email. Contact Rose Green at rgreen@ttusd.org or (530) 582-2540
   i) Printing can be done at The Office Boss 12177 Business Park Dr # 2, Truckee, CA 96161
      (530) 587-1620 for the cost of the prints.

2. Final questions or substitution requests are due to Anna Klovstad by 10:30 am on Thursday,
   December 12th, 2019.

3. Final addendum or substitution approval will be issued by 10:30 am on Monday, December 16th,
   2019.

4. Bids are due on Tuesday, January 7th, at 10:30 am at the District Office – Conference Room A
   11603 Donner Pass Road, Truckee, CA 96161. The building is not visible from Donner Pass
   Road – it is behind the fire house.

5. Only bids from those in attendance today will be opened.

6. The contract will be brought to TTUSD Board meeting on February 5th, 2020.

7. A notice of award will be sent out on Thursday, February 6th, 2020.

C. Construction Schedule: (AK)

1. Insurance, bonds, and executed contract due within 5 days of notice of award.

2. Construction begins on or about June 29th, 2020.

3. Substantial completion is expected by August 17th, 2020. The contract provides for 49 calendar
   days to complete. That includes weather days. If there are more than 16 days of documented
   weather prohibiting production, we will consider extending the deadline.

4. Liquidated damages apply starting August 18, 2020 at $300 per day.

D. Scope (JH & TS)

1. The project includes all labor, equipment and non owner supplied materials to install the new roof
   system over the properly prepared substrate at Truckee Elementary School. The scope of work of
   the project can be summarized as follows:
   i) Remove and dispose of existing roof system(s) to the structural deck.
   ii) Remove and replace existing sheet metal edge flashing from all roofs.
   iii) Install new Kynar Coated edge metal and fascia.
iv) Mechanically attach 4” (2” + 2”) of polyisocyanurate insulation.

v) Mechanically attach ½” six-sided asphalt saturated cover board.

vi) Install base and cap sheet per specification.

vii) Install termination bar at all roof to wall locations. Seal top of termination bar and install counter flashing.

viii) Apply Pyramic Plus LO per specification.

E. Owner Furnished Contractor Installed product (TS).

1. The District will be providing the majority of the roofing materials for the project. The owner will purchase the following roofing material directly from The Garland Company:
   i) Base (Ply) Sheet
   ii) Modified Cap (Ply) Sheet
   iii) Interply Adhesive: (Layer 1 and 2): Green-Lock Membrane Adhesive.
   iv) Flashing Base Ply
   v) Flashing Cap (Ply) Sheet
   vi) Flashing Ply Adhesive: Green-Lock Flashing Adhesive.
   vii) Pyrmic Plus LO (title 24 compliant coating)

2. Product will be delivered to the site on or before: June 29th, 2020. Delivery is to be coordinated by contractor with The Garland Company Inc. Contractor is responsible for off-loading product and getting it to the roof.

3. Contractor is to include in their bid any expected shortages from the “Owner Supplied Products” list above.

4. Products to be purchased by the contractor from The Garland Company includes:
   i) ANSI SPRI ES-1 approved R-mer Coping System.
   ii) Any materials needed in addition to the Owner Supplied Materials to complete the roofing system installation per the specification.

F. Alternates (JH & TS)

1. At Truckee Elementary, the District is seeking a base bid for a 2-ply modified bituminous hot mop applied roofing system (specification section 07 55 00).

2. Alternant #1 for Truckee Elementary is the self-adhered modified bituminous membrane roofing system. Please indicate the value of this alternate system and if it is additive or deductive to the base bid on the bid form. Failure to provide this alternate value could void your bid. The scope of this work includes the following:
   i) Remove and dispose of all roofing material and edge metal.
   ii) Mechanically attach 4” (2” + 2”) of polyisocyanurate insulation.
   iii) Mechanically attach ½ Densdeck Primer cover board.
   iv) Apply SA Primer at ½ Gallon per square.
   v) Install HPR SA FR base sheet.
   vii) Install new Kynar Coated edge metal and fascia.
   viii) Apply Pyramic Plus LO coating at the rate of 3 gallons per square (1.5 + 1.5).

3. Alternate #1 products to be purchased by the contractor from The Garland Company includes:
   i) Any materials needed in addition to the Owner Supplied Materials to complete the roofing system installation per the specification.

G. Substitutions (AK)
1. I do not expect any substitutions since the District is providing the majority of the roofing material. If you do wish to make a substitution, this must be submitted as an RFI and approved prior to bid opening.

H. Public Contract Code & TTUSD Requirements (AK)
1. This project is subject to all the requirements of the PCC and prevailing wage. Know the code and there will be no exceptions.
2. Class C-39 or B license is required.
3. All procedures for submittals, shop drawings, substitutions, RFI’s, payment requests, etc, must be in accordance with the project manual.
4. Occupied campus:
   i) While this project is scheduled to will occur during summer break, our campuses are seen as public and the community will still use the fields and playgrounds. Staff will also be on site occasionally. Please be considerate of these activities and people.
   ii) No smoking, tobacco products or alcohol at all.
   iii) Be safe at all times. Students are curious.
   iv) At a minimum, long pants and short sleeve shirts required – no profanities, tobacco or alcohol advertisements allowed.
   v) Deliveries only between 7:00 am and 7:00 pm – this is a residential neighborhood and we want to be a good neighbor.
   vi) Do not block access for staff or emergency providers at any time.
5. Criminal Background checks: Plan on providing barriers.
6. Identification badges are required to be visible at all times. Worker’s name and company at a minimum.
7. Secure all materials, equipment and trailers at all times.
8. Schedule all shutdowns with TTUSD: Anna Klovstad and site administrator in advance. That goes for utilities, access, doors, etc.
9. Contractor to provide their own trailer, storage, restroom, and phone. No indoor restroom use will be allowed. This job does not require a trailer unless the contractor wants to install one for convenience.

I. Hazardous materials removal (AK)
1. None anticipated. The District has performed HazMat investigations and non were found in this roofing system. The report is available upon request.
2. However, specification section 00 73 56 details what to do if you suspect hazardous materials. We want to protect your workers, the school staff and community. Please stop immediately and follow the procedures.

J. Other (AK)
1. A site key will be issued to the contractor to facilitate access to the roof and in case of emergencies.
2. Debarred, suspended or contractors in process of debarment are not permitted to bid on this project.
3. The project manual contains Special Conditions – please review and ask questions if you have any.
4. Bids must include:
   a) Completed bid form – signed
   b) Site visit certification form.
   c) List of subcontractors form (even if you have none) completely filled out and including the license number.
   d) Non collusion affidavit
   e) Bid bond for 10% of the value of the bid is required
5. All other documents and certifications are not required until contract execution.
6. PLM bonds must be accompanied by a certificate from the Nevada County Clerk’s office which verifies the surety has authority to act as surety upon bonds in CA.
7. Normal district maintenance will be on going. Please work with them if they need access.
8. Provide fencing for laydown area – protect your equipment and materials.
9. Dumpster must be fenced at the end of each day. Do not put food or food trash in the open dumpsters. This will attract bears and other wildlife to the campus.

K. DSA Requirements: N/A This is not a DSA project.

L. Walk scope areas including the loading zones (ALL)
   1. Contractor responsible to protect all finishes not being disturbed including driveways, sidewalks, landscaping, flooring and roofing.
   2. Contractor responsible for keeping non construction areas clean and for clean-up of these and the construction area daily.
   3. Discuss roof modifications - contractors will be allowed access to the roof.

M. Questions:
   1. Is the fascia full depth edge or partial? Addressed in addendum.
   2. All exposed or removed areas are to be reinstalled in the same day (tear off and replace as you go).
   3. Confirmed there are two existing roofs to be removed and the insulation is saturated.
PART 1 - GENERAL

1.1 SUMMARY

A. DESCRIPTION: The Owner shall procure and provide certain products for installation as shown and specified per Contract Documents.

B. RELATED WORK SPECIFIED ELSEWHERE:

1. General: Products furnished and paid for by the Owner are described in the following technical sections and/or in the Drawings.

2. Owner SUPPLIED MATERIAL
Note that this project includes the installation of owner-supplied material; the Owner has acquired roofing material through the CMAS program.

1.2 DEFINITIONS

A. GENERAL: The following are used to identify products as noted on the Drawings.

B. OWNER FURNISHED CONTRACTOR INSTALLED (O.F.C.I.): Products or equipment furnished by the Owner for installation under this contract.

C. OWNER FURNISHED OWNER INSTALLED (O.F.O.I.): Products or equipment to be provided and installed by the Owner, but requiring surfacing, backing, utility connections or other preparation under this contract, for proper installation.

D. NOT IN CONTRACT (N.I.C.): Products or equipment to be provided and installed by Owner, not requiring surfacing, backing, utility connections or other preparation under this contract.

PART 2 - PRODUCTS

2.1 PRODUCTS

A. ROOFING MATERIAL FURNISHED BY OWNER (O.F.C.I.): Owner supplied material through the CMAS program. Related specification sections include;
Section 075200 Modified Bituminous Membrane Roofing
Section 076200 Sheet Metal Flashing and Trim

B. MATERIAL LIST
Listed in a Table below is a list of Owner provided material. Any material or accessories required for the installation of the roof system in excess of the Owner provided material must be supplied by the Contractor. It is up to the Contractor to determine the precise amount of material required for the completion of this project; and to provide excess material, as required.

TABLE OF ROOFING MATERIAL OWNER FURNISHED CONTRACTOR INSTALLED (O.F.C.I.)
<table>
<thead>
<tr>
<th>Material</th>
<th>Product Name</th>
<th>Product Code</th>
<th>Quantity Supplied by County</th>
<th>Coverage</th>
</tr>
</thead>
<tbody>
<tr>
<td>TES Base Bid</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Base Sheet</td>
<td>Stress Base 120</td>
<td>4411-120</td>
<td>485 rolls</td>
<td>150 sq. ft/roll</td>
</tr>
<tr>
<td>Mineral Cap Sheet</td>
<td>StressPly Plus FR Min</td>
<td>4377</td>
<td>646 rolls</td>
<td>75 sq. ft/roll</td>
</tr>
<tr>
<td>Coating</td>
<td>Pyramic Plus LO</td>
<td>7475-55U</td>
<td>26 (55 gal drums)</td>
<td>1.5 gal/sq. per coat 2 coats required</td>
</tr>
<tr>
<td>Coating</td>
<td>Pyramic Plus LO</td>
<td>7475-5U</td>
<td>6 (5 gal buckets)</td>
<td>1.5 gal/sq. per coat 2 coats required</td>
</tr>
<tr>
<td>Caulking/Sealant</td>
<td>Tuff-Stuff</td>
<td>2130WHT</td>
<td>60 – 10 Oz tubes</td>
<td>20 feet</td>
</tr>
<tr>
<td>Mastic</td>
<td>Flashing Bond</td>
<td>7110-5</td>
<td>10 (5 gal buckets)</td>
<td></td>
</tr>
<tr>
<td>Reinforcement fabric</td>
<td>GarMesh 6</td>
<td>4840-6</td>
<td>4 rolls</td>
<td>6&quot;x150’ each</td>
</tr>
</tbody>
</table>

**PART 3 - EXECUTION**

2.2 **OWNER’S RESPONSIBILITIES**

A. **SUBMITTALS:** Arrange for and deliver necessary shop drawings, product data and samples to Contractor.

B. **DELIVERY:**

1. **General:** Arrange and pay for product delivery to site, in accordance with construction schedule.

2. **Bill of Materials:** Deliver supplier's documentation to Contractor.

3. **Inspection:** Inspect jointly with Contractor.

4. **Claims:** Submit for transportation damage and replacement of otherwise damaged, defective, or missing items.

C. **GUARANTEES:** Arrange for manufacturer's warranties, bonds, service, and inspections, as required.

2.3 **CONTRACTOR’S RESPONSIBILITIES**
A. **SUBMITTALS:** Review shop drawings, product data and samples with notification of any discrepancies or problems anticipated in use of product.

B. **DELIVERY:**

1. **General:** Designate delivery date for each product in Progress Schedule.

2. **Receiving:** Receive and unload products at site. Handle products at site, including uncrating and storage.

3. **Inspection:** Promptly inspect products jointly with Owner; record shortages, damaged or defective items.

4. **Storage:** Protect products from damage or exposure to elements.

C. **INSTALLATION:**

1. **General:** Assemble, install, connect, adjust and finish products, as stipulated in the respective section of Specifications.

2. **Repair and Replacement:** Items damaged during handling and installation.

* End Section *
PART 1 - GENERAL

1.1 SUMMARY

A. DESCRIPTION: The Owner shall procure and provide certain products for installation as shown and specified per Contract Documents.

B. RELATED WORK SPECIFIED ELSEWHERE:
   1. General: Products furnished and paid for by the Owner are described in the following technical sections and/or in the Drawings.
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      Note that this project includes the installation of owner-supplied material; the Owner has acquired roofing material through the CMAS program.

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PART 2 - PRODUCTS

2.1 PRODUCTS

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B. MATERIAL LIST
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   TABLE OF ROOFING MATERIAL OWNER FURNISHED CONTRACTOR INSTALLED (O.F.C.I.)
## Owner Furnished Products (Alternate Bid)

### Section 01640

<table>
<thead>
<tr>
<th>Material</th>
<th>Product Name</th>
<th>Product Code</th>
<th>Quantity Supplied by County</th>
<th>Coverage</th>
</tr>
</thead>
<tbody>
<tr>
<td>TES Alternate Bid</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Self-Adhering Base Sheet</td>
<td>HPR SA FR Base sheet</td>
<td>4114</td>
<td>324 rolls</td>
<td>150 sq. ft/roll</td>
</tr>
<tr>
<td>Self-Adhering Mineral Cap Sheet</td>
<td>StressPly SA FR Mineral Cap sheet</td>
<td>4125</td>
<td>485 rolls</td>
<td>100 sq. ft/roll</td>
</tr>
<tr>
<td>Coating</td>
<td>Pyramic Plus LO</td>
<td>7475-55U</td>
<td>26 (55 gal drums)</td>
<td>1.5 gal/sq. per</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>2 coats required</td>
</tr>
<tr>
<td></td>
<td>Pyramic Plus LO</td>
<td>7475-5U</td>
<td>6 (5 gal buckets)</td>
<td>1.5 gal/sq. per</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>2 coats required</td>
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<tr>
<td>Caulking/Sealant</td>
<td>Tuff-Stuff</td>
<td>2130WHT</td>
<td>60 – 10 Oz tubes</td>
<td>20 feet</td>
</tr>
<tr>
<td>Self-Adhering Primer</td>
<td>SA Primer</td>
<td>7630-5</td>
<td>49 (5 gal buckets)</td>
<td>½ gal/100 sq.ft</td>
</tr>
<tr>
<td>Reinforcement fabric</td>
<td>GarMesh 6</td>
<td>4840-6</td>
<td>4 rolls</td>
<td>6’x150’ each</td>
</tr>
<tr>
<td>Mastic</td>
<td>Garla-Flex</td>
<td>9332-5</td>
<td>10 (5 gal buckets)</td>
<td></td>
</tr>
</tbody>
</table>

### Part 3 - Execution

#### 2.2 Owner's Responsibilities

A. **Submittals:** Arrange for and deliver necessary shop drawings, product data and samples to Contractor.

B. **Delivery:**

1. **General:** Arrange and pay for product delivery to site, in accordance with construction schedule.

2. **Bill of Materials:** Deliver supplier's documentation to Contractor.

3. **Inspection:** Inspect jointly with Contractor.

4. **Claims:** Submit for transportation damage and replacement of otherwise damaged, defective, or missing items.

C. **Guarantees:** Arrange for manufacturer's warranties, bonds, service, and inspections, as required.
2.3 CONTRACTOR'S RESPONSIBILITIES

A. **SUBMITTALS:** Review shop drawings, product data and samples with notification of any discrepancies or problems anticipated in use of product.

B. **DELIVERY:**
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   2. **Receiving:** Receive and unload products at site. Handle products at site, including uncrating and storage.
   3. **Inspection:** Promptly inspect products jointly with Owner; record shortages, damaged or defective items.
   4. **Storage:** Protect products from damage or exposure to elements.

C. **INSTALLATION:**
   1. **General:** Assemble, install, connect, adjust and finish products, as stipulated in the respective section of Specifications.
   2. **Repair and Replacement:** Items damaged during handling and installation.

* End Section *