ADDENDUM TO INVITATION FOR BIDS
Cutten Elementary School District
Proposition 39
Cutten Elementary School HVAC Upgrade Project
Bid No. 17-013

Addendum #1
May 24, 2017

To All Prospective Bidders:

The Cutten Elementary School District (District) herewith issues Addendum No. 1 to the above-referenced solicitation. This Addendum shall be made part of the Contract Documents and the bidder shall acknowledge receipt thereof on the Bid Proposal Form. Except as specifically modified by this document, all other terms and conditions remain in full force and effect.

1. Changes to the Scope of Work:
   a. Base Bid:
      i. The quantity of wi-fi enabled thermostats at Cutten has been reduced to seven (7) with removal of the Resource Room, C14, from the scope.
      ii. The quantity of wi-fi enabled thermostats at Ridgewood has been reduced to eight (8) with the removal of the Office/Staff Room from the scope.
   b. Additive Alternate 1:
      i. The quantity of exterior wall-mount gas/electric units to be replaced with high efficiency heat pumps has been reduced to three (3) with the removal of the Resource Room, C14, from the scope.
      ii. The equivalent unit has been changed from Bard T36S1 to Bard T30S1.
      iii. Addition of gas service capping at building in Demolition section 3.(b).
   c. Additive Alternate 2 has been removed in its entirety.
   d. Additive Alternate 3 has been removed in its entirety.

2. The Overview, page 1, Scope of Work, pages 5-6, and Bid Proposal Form are to be replaced in their entirety with a new Overview, Scope of Work and Bid Proposal Form, attached to this addendum.

3. The Appendices are to be replaced in their entirety with new appendices attached to this addendum.

4. Pages from the installation manual showing the dimensions of the existing and proposed units are attached to this addendum and will be considered Appendix E.
OVERVIEW

Cutten Elementary School District is soliciting bids from interested contractors to implement HVAC upgrades at their Cutten Elementary School and Ridgewood Elementary School campuses. The goal of the project is to reduce energy use at the school sites. The expected work product is to install identified capital improvements that will reduce the overall energy usage and comply with California Energy Commission (CEC) guidelines for the use of Proposition 39 funding.

The District seeks a contractor to complete the following:

Base Bid:
- Replace (2) exterior wall-mount heat pumps on portable units at Cutten Elementary School with high efficiency exterior wall-mount heat pumps.
- Replace (5) exterior wall-mount heat pumps on portable units at Ridgewood Elementary School with high efficiency exterior wall-mount heat pumps.
- Install (7) wi-fi enabled smart thermostats on new and existing HVAC units at Cutten Elementary School.
- Install (8) wi-fi enabled smart thermostats on new and existing HVAC units at Ridgewood Elementary School.

Additive Alternate 1:
- Replace (3) exterior wall-mount gas/electric units on portable units at Cutten Elementary School with high efficiency exterior wall-mount heat pumps.
- Replace (3) exterior wall-mount gas/electric units on classrooms at Ridgewood Elementary School with high efficiency exterior wall-mount heat pumps.

SCHEDULE

The following is a schedule of significant events and deadlines:

<table>
<thead>
<tr>
<th>Event</th>
<th>Date/Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>Issue Date</td>
<td>Wednesday, April 5, 2017</td>
</tr>
<tr>
<td>Mandatory pre-bid conference</td>
<td>2:00 p.m., Wednesday, May 17, 2017</td>
</tr>
<tr>
<td>Bids due</td>
<td>By 3:00 p.m., June 7, 2017</td>
</tr>
<tr>
<td>Public bid opening</td>
<td>After 3:00 p.m., June 7, 2017</td>
</tr>
<tr>
<td>Anticipated bid award date</td>
<td>Tuesday, June 13, 2017</td>
</tr>
<tr>
<td>Installation start date</td>
<td>After June 19, 2017</td>
</tr>
<tr>
<td>Installation complete</td>
<td>no later than August 24, 2018</td>
</tr>
</tbody>
</table>
SCOPE OF WORK

Cutten Elementary School District (“District”) is soliciting bids from licensed and qualified contractors for the following scope of work at the Cutten Elementary school and Ridgewood Elementary School campuses in Eureka, CA.

The selected contractor will:

Provide all equipment, labor, and material for a complete project. Include all site work, disposal, design and applicable fees and taxes.

1. **Base Bid:** Replace (2) exterior wall-mount heat pumps on portable units at Cutten Elementary School and (5) exterior wall-mount heat pumps on portable units at Ridgewood Elementary School with high efficiency exterior wall-mount heat pumps, 3.0 tons, EER 11 and IPLV 14 or greater.
   a. Location
      i. Furnaces to be replaced are located on portable classrooms. See Appendix A for a table of measure locations and Appendix B for a Site Map.
   b. Demolition
      i. Remove existing heat pump. Existing duct work to remain in place.
      ii. Ensure proper recycling and/or disposal of removed units.
   c. Mechanical
      i. Provide and install seven (7) new 3.0 ton heat pumps with EER 11 and IPLV 14 or greater, Bard T36S1-A08XPXXXX or equivalent.
      ii. Existing ductwork (if present) shall be used with minimum modifications.
      iii. Provide new transitions and adapters, as required.
   d. Electrical
      i. Disconnect and reconnect power in the same location.
   e. Structural
      i. Proposed furnace weight should not exceed existing furnace weight.
      ii. Provide support as needed.
   f. Title 24
      i. System must comply with 2016 Building Energy Efficiency Standards (Title 24, Section 6)

2. **Base Bid:** Install (7) wi-fi enabled smart thermostats on new and existing HVAC units at Cutten Elementary School and (8) wi-fi enabled smart thermostats on new and existing HVAC units at Ridgewood Elementary School.
   a. Controls
      i. Remove existing thermostats.
      ii. Provide and install new Wi-Fi enabled smart thermostats, Honeywell RTH8580WF or equivalent.
      iii. Connect to new and existing HVAC units.
      iv. Ensure proper operations.

3. **Additive Alternate 1:** Replace (6) additional exterior wall-mount gas/electric units at Ridgewood Elementary School with high efficiency exterior wall-mount heat pumps.
   a. Location
i. Furnaces to be replaced are located on portable classrooms. See Appendix A for a table of measure locations and Appendix B for a Site Map.

b. Demolition
   ii. Remove existing wall-mount gas/electric HVAC unit. Existing duct work to remain in place.
   iii. Ensure proper recycling and/or disposal of removed units.
   iv. Gas service will be capped at the building.

c. Mechanical
   iv. Provide and install three (3) new 3.0 ton heat pumps with EER 11 and IPLV 14 or greater, Bard T36S1-A08XPXXXX or equivalent.
   v. Existing ductwork (if present) shall be used with minimum modifications.
   vi. Provide new transitions and adapters, as required.
   vii. Cap off gas lines.

d. Electrical
   ii. Disconnect and reconnect power in the same location.

e. Structural
   iii. Proposed furnace weight should not exceed existing furnace weight.
   iv. Provide support as needed.

f. Title 24
   ii. System must comply with 2016 Building Energy Efficiency Standards (Title 24, Section 6)
Dear Members of the Governing Board:

The undersigned, doing business under the name of _______________________________ _______________________________________________, having carefully examined the location of the proposed work, the local conditions of the place where the work is to be done, the Notice Inviting Bids, the General Conditions, the Instructions to Bidders, the Plans and Specifications, and all other Contract Documents for the proposed HVAC Replacement project (“Project”), and having accurately completed the Bidder’s Questionnaire, proposes to perform all work and activities in accordance with the Contract Documents, including all of its component parts, and to furnish all required labor, materials, equipment, transportation and services required for the construction of the Project in strict conformity with the Contract Documents, including the Plans and Specifications, as follows:

**BASE BID:**

<table>
<thead>
<tr>
<th>Measure Description</th>
<th>Total Installed Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Replace (2) exterior wall-mount heat pumps on portable units at Cutten Elementary School with high efficiency exterior wall-mount heat pumps.</td>
<td>$</td>
</tr>
<tr>
<td>Replace (5) exterior wall-mount heat pumps on portable units at Ridgewood Elementary School with high efficiency exterior wall-mount heat pumps.</td>
<td>$</td>
</tr>
<tr>
<td>Install (7) wi-fi enabled smart thermostats on new and existing HVAC units at Cutten Elementary School.</td>
<td>$</td>
</tr>
<tr>
<td>Install (8) wi-fi enabled smart thermostats on new and existing HVAC units at Ridgewood Elementary School.</td>
<td>$</td>
</tr>
</tbody>
</table>

For the sum of:______________________________dollars. ($                  )

**Additive Alternate 1:**

<table>
<thead>
<tr>
<th>Description</th>
<th>Total Installed Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Replace (3) exterior wall-mount gas/electric units on portable units at Cutten Elementary School with high efficiency exterior wall-mount heat pumps.</td>
<td>$</td>
</tr>
<tr>
<td>Replace (3) exterior wall-mount gas/electric units at Ridgewood Elementary School with high efficiency exterior wall-mount heat pumps.</td>
<td>$</td>
</tr>
</tbody>
</table>

Additive Alternate 1, Add:______________________________dollars ($               ).
The undersigned has checked carefully all the above figures and understands that the District is not responsible for any errors or omissions on the part of the undersigned in making this bid.

Enclosed find certified or cashier's check no._________________________ of the ______ Bank for ______________________ Dollars ($___________) or Bidder's Bond of the ______________________ surety company in an amount of not less than ten percent (10%) of the entire bid. The undersigned further agrees, on the acceptance of this proposal, to execute the Contract and provide the required bonds and insurance and that in case of default in executing these documents within the time fixed by the Contract Documents, the proceeds of the check or bond accompanying this bid shall be forfeited and shall become the property of the District.

Contractor agrees to commence the work within the time specified in the Notice to Proceed. It is understood that this bid is based upon completing the work within the number of calendar days

ADDENDA: Receipt of the following addenda is hereby acknowledged:
Addendum # _____ Dated: __________  Addendum # _____ Dated: __________
Addendum # _____ Dated: __________  Addendum # _____ Dated: __________

Respectfully submitted,

Company: __________________________________________
Address: __________________________________________
___________________________________________________

By: ________________________________________________
(Please Print or Type)

Signature: __________________________________________
Title: ______________________________________________
Date: ______________________________________________
Telephone: __________________________________________

Contractor's License No: _______________ Expiration Date ___________

Required Attachments: 1) Subcontractor List Form
2) Workers’ Compensation Certificate
3) Non-Collusion Affidavit
4) Bid Bond (or Cashier's or Certified Check)
5) Bidder’s Questionnaire
## APPENDIX A: Itemized Scope of Work

**BASE BID:**

<table>
<thead>
<tr>
<th>Measure</th>
<th>Site</th>
<th>Specific Location</th>
<th>Description of Measure</th>
<th>Tons</th>
<th>Efficiency</th>
<th>Equivalent Unit</th>
</tr>
</thead>
<tbody>
<tr>
<td>EEM-C7</td>
<td>Cutten</td>
<td>Portable 18 and 19: Computer Lab and Music Room</td>
<td>Replace (2) exterior wall-mount heat pumps on portable units at Cutten Elementary School with high efficiency exterior wall-mount heat pumps.</td>
<td>3.0</td>
<td>EER 11 and IPLV 14 or greater</td>
<td>Bard T36S1-A08XPXXXX</td>
</tr>
<tr>
<td>EEM-C8</td>
<td>Cutten</td>
<td>See Map</td>
<td>Install (7) wi-fi enabled smart thermostats on new and existing HVAC units at Cutten Elementary School.</td>
<td>NA</td>
<td>NA</td>
<td>Honeywell RTH8580WF</td>
</tr>
<tr>
<td>EEM-R4</td>
<td>Ridgewood</td>
<td>Resource Center, Library, Staff Room, Special Ed, Kids Club</td>
<td>Replace (5) exterior wall-mount heat pumps on portable units at Ridgewood Elementary School with high efficiency exterior wall-mount heat pumps.</td>
<td>3.0</td>
<td>EER 11 and IPLV 14 or greater</td>
<td>Bard T36S1-A08XPXXXX</td>
</tr>
<tr>
<td>EEM-R5</td>
<td>Ridgewood</td>
<td>See Map</td>
<td>Install (8) wi-fi enabled smart thermostats on new and existing HVAC units at Ridgewood Elementary School.</td>
<td>NA</td>
<td>NA</td>
<td>Honeywell RTH8580WF</td>
</tr>
</tbody>
</table>
ADDITIVE ALTERNATE 1:

<table>
<thead>
<tr>
<th>Site</th>
<th>Specific Location</th>
<th>Description of Measure</th>
<th>Tons</th>
<th>Efficiency</th>
<th>Equivalent Unit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cutten</td>
<td>Library, C15, C16</td>
<td>Replace (3) additional exterior wall-mount heat pumps on portable units at Cutten Elementary School with high efficiency exterior wall-mount heat pumps.</td>
<td>3.0</td>
<td>EER 11 and IPLV 14 or greater</td>
<td>Bard T30S1-A08XPXXXX</td>
</tr>
<tr>
<td>Ridgewood</td>
<td>C1-C3</td>
<td>Replace (3) additional exterior wall-mount gas/electric units at Ridgewood Elementary School with high efficiency exterior wall-mount heat pumps.</td>
<td>3.0</td>
<td>EER 11 and IPLV 14 or greater</td>
<td>Bard T30S1-A08XPXXXX</td>
</tr>
</tbody>
</table>
APPENDIX B: Cutten Site Map
APPENDIX C: Ridgewood Site Map

Ridgewood School
2060 Ridgewood
Eureka, CA
Phone: 707-441-3930

Ridgewood School is part of Cutten School District. The District Office can be reached at 441-3900.
APPENDIX D: Existing Equipment

Cutten Mechanicals
The campus has 5 portable units installed in 1994 that are heated by Bard exterior wall mounted vertical packaged heat pumps. The units are controlled by thermostats in the interior of the buildings.

Table 8. Cutten heat pump inventory

<table>
<thead>
<tr>
<th>Location</th>
<th>Type</th>
<th>Make and Model</th>
<th>Tons</th>
<th>SEER</th>
<th>Qty</th>
<th>Age (Years)</th>
</tr>
</thead>
<tbody>
<tr>
<td>C15 and C16</td>
<td>Furnace/AC</td>
<td>Bard WAG40C-A54X</td>
<td>4</td>
<td>10</td>
<td>2</td>
<td>24</td>
</tr>
<tr>
<td>Computer</td>
<td>Package Heat Pump</td>
<td>BARD 45WH1-A0BCD004</td>
<td>5</td>
<td>?</td>
<td>1</td>
<td>24</td>
</tr>
<tr>
<td>Music</td>
<td>Package Heat Pump</td>
<td>BARD WH483-A04VP4</td>
<td>4</td>
<td>10</td>
<td>1</td>
<td>24</td>
</tr>
<tr>
<td>Library</td>
<td>Furnace/AC</td>
<td>Bard WAG40C-A54X</td>
<td>4</td>
<td>10</td>
<td>1</td>
<td>24</td>
</tr>
</tbody>
</table>

Ridgewood Mechanicals
The campus has 5 portable units installed in the 1990s and a classroom building (B2) with three units of older vintage that are heated by Bard exterior wall mounted vertical packaged heat pumps and packaged combination furnace/ACs. Cooling capacity for those units are listed in the heat pump table and heating capacity in the furnace table. The units are controlled by thermostats in the interior of the buildings.

Table 11. Ridgewood heat pump/AC inventory

<table>
<thead>
<tr>
<th>Location</th>
<th>Type</th>
<th>Make and Model</th>
<th>Tons</th>
<th>SEER</th>
<th>Qty</th>
<th>Age (Years)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Kid’s Club</td>
<td>Package Heat Pump</td>
<td>BARD WH483-A04VP4XXX</td>
<td>5</td>
<td>10</td>
<td>1</td>
<td>20+</td>
</tr>
<tr>
<td>Resource</td>
<td>Package Heat Pump</td>
<td>BARD WH483-A04VP4XXX</td>
<td>5</td>
<td>10</td>
<td>1</td>
<td>20+</td>
</tr>
<tr>
<td>Library</td>
<td>Package Heat Pump</td>
<td>BARD WH483-A04VP4XXX</td>
<td>5</td>
<td>10</td>
<td>1</td>
<td>20+</td>
</tr>
<tr>
<td>Staff</td>
<td>Package Heat Pump</td>
<td>BARD WH483-A04VP4XXX</td>
<td>5</td>
<td>10</td>
<td>1</td>
<td>20+</td>
</tr>
<tr>
<td>Special Ed</td>
<td>Package Heat Pump</td>
<td>Marvair ?</td>
<td>4</td>
<td></td>
<td>1</td>
<td>20+</td>
</tr>
<tr>
<td>C1-C3</td>
<td>Furnace/AC</td>
<td>Bard WAG40C-A54X</td>
<td>4</td>
<td>10</td>
<td>3</td>
<td>20+</td>
</tr>
</tbody>
</table>
APPENDIX E: Dimensions of Existing and Proposed Units

1. Marvair “Classic” Existing Heat Pump on Ridgewood Special Education Building
2. Bard WAGXX Existing Gas/Electric Unit on Ridgewood C1-C3, Cutten Library and Cutten C15-C16
5. Bard T36S1 and T30S1 Proposed Heat Pumps for All areas.