

Pacific Union School District

Request for Quotes: (Informal quotes per California Uniform Public Construction Cost Accounting Act (CUPCCAA), Public Contract Code Sections 22000 – 22045)

Project Name: 19-901 - Proposition 39 Furnace Replacement – Phase 4

Project Description: Replace two (2) existing furnaces with two (2) 95% or greater AFUE condensing furnaces; Replace two (2) existing vertical wall-mounted heat pumps with two (2) new high efficiency wall-mounted heat pumps; and install four (4) Wi-Fi enabled smart thermostats on the new furnaces. Detailed Scope of Work attached.

Contacts: Patricia Terry, Project Manager pterry@redwoodenergy.org (707) 269-1700 ext. 317
Karla Darnall, Superintendent kdarnall@pacificunionschool.org (707) 822-4619

Schedule:
Issue Date: February 14, 2019
Site visit: 2:30 p.m., February 21, 2019
Quotes Due: **By 2:00 pm, March 7, 2019**
Anticipated Award Date: March 14, 2019
Installation timeframe: April 22, 2019 to August 9, 2019 (Spring Break)
Installation Complete: By no later than August 9, 2019

Quotes should be submitted by mail, in person, email, or fax to:

Patricia Terry, Project Manager
Redwood Coast Energy Authority
633 Third Street
Eureka, CA 95501
pterry@redwoodenergy.org Fax 707 269-1777

With the expected project cost below \$60,000, vendor selection for this project will be based on “best value.” The Best Value selection criteria include completeness and adherence to the requirements of this Request for Quotes, contractor qualifications and past similar experience, proposed product quality and features, and price proposal. This work requires a C-20 – Warm-Air Heating, Ventilating, and Air-Conditioning contractor license.

Minority, women, and disabled veteran contractors are encouraged to submit quotes. This project is not subject to Disabled Veteran Business Enterprise requirements. With the work scheduled during a school break, contractor fingerprint certification is not required.

A copy of the contract is available upon request. Contractors and subcontractors performing work on District public works contracts shall pay prevailing wages as determined by the Department of Industrial Relations (DIR) and must be registered with the DIR to perform Public Works.

The District reserves the right to postpone selection for its own convenience, to withdraw this Request for Quotes at any time, and to reject any and all submittals without indicating any reason for such rejection. Submitted quotes become the property of the District.

Insurance Requirements (summary only - see contract for full requirements):

General Liability:	\$1 million combined single limit personal injury and property damage for each occurrence and \$2 million annual aggregate; or \$2 million annual combined single limit
Builders Risk:	Not required
Automotive:	Covering bodily injury and property damage in an amount no less than \$1 million combined single limit for each occurrence.

Certificates for the insurance policies must be provided naming the District as additional insured. See contract for details.

Proof of Workers' Compensation insurance and employer's liability of at least \$1 million is required.

Bond Requirements: The selected contractor will be required to submit Performance and Payment Bonds as specified in the contract documents, based on 100% of the total contract price as awarded if bid is over \$25,000.00.

Bid Security: With a contract value less than \$60,000, only informal quotes are being requested; therefore, no bid security (e.g., 10% cashier's check or bid bond) is required.

Quote Submittals: Contractors providing quotes need to complete the attached Proposal form, Subcontractor List Form, and Workers' Compensation Certificate. Quotes should be good for at least 30 days from the date of submittal. Prices must be quoted F.O.B. Pacific Union School.

Prevailing Law: In the event of any conflict or ambiguity between these instructions and state or federal law or regulations, the latter shall prevail. All equipment to be supplied or services to be performed under the bid proposal shall conform to all applicable requirements of local, state and federal law, including, but not limited to, Labor Code §§1771, 1778 and 1779.

Labor Compliance Program: The project is subject to compliance monitoring and enforcement by the California Department of Industrial Relations. In accordance with SB 854, all bidders, contractors, and subcontractors working at the sites shall be duly registered with the Department of Industrial Relations at time of bid opening and at all relevant times. Proof of registration shall be provided as to all such contractors prior to the commencement of any work.

After a contractor is selected by the District and the Notice of Award is issued, failure to deliver the executed contract along with the required bonds and certificates of insurance (subject to review by the District's Risk Manager) in a timely manner (e.g., 10 days) may result in cancellation of the award of contract and selection of another contractor to perform the work.

SCOPE OF WORK

The selected contractor will:

1. Replace two (2) existing 81% AFUE furnaces with two (2) 95% or greater AFUE condensing furnace:

Furnace Location	Room 6	Room 5
Qty of Furnaces	1	1
Make	Bryant	Bryant
Model	395CAV036070AGJA	376CAV060135AGJA
Existing Output (Btuh)	52,800	108,000
Existing AFUE	80%	80%
Proposed Output (Btuh)	54,000	54,000
Proposed minimum AFUE	95%	95%
Estimated Energy Savings (therms/yr)	47.52	47.52

- a. Location
 - i. Furnaces to be replaced are in the Kindergarten classrooms, Room 5 and 6. See Appendix B for a Site Map.
 1. Room 5 furnace is in a ceiling cabinet.
 2. Room 6 furnace is in a locked wall closet.
- b. Demolition
 - i. Remove existing furnaces and associated venting. Existing duct work to remain in place.
 - ii. Ensure proper recycling and/or disposal of removed units.
- c. Mechanical
 - i. Provide and install two (2) new 95% or greater AFUE furnaces with BTU output indicated in above table. Existing ductwork shall be used with minimum modifications.
 - ii. Provide and install new PVC venting. Modify and seal openings as required.
 - iii. Provide new transitions and adapters, as required.
 - iv. Provide drainage, as required. This may include installing condensate pump and installing plumbing to pump condensate to the roof.
- 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. Permitting and Reporting
 - i. Report costs and other information as needed to meet Prop 39 reporting requirements.
 - ii. Provide invoices, permit number and other information as needed to meet PG&E rebate requirements.

2. Replace two (2) existing vertical wall-mounted heat pumps with two (2) new high efficiency vertical wall-mounted heat pumps, 3.0 tons, EER 11 and IPLV 14 or greater.

Heat Pump Location	Afterschool Care
Qty of Heat Pumps	2
Make/Model	Marvair Classic I
Existing Capacity	3 ton?
Proposed Capacity	3 ton
Proposed minimum EER	11
Proposed minimum IPLV	14
Estimated Energy Savings (kWh/yr)	2177.5

- a. Location
 - i. Furnaces to be replaced are located on the after school care building. See Appendix B for a Site Map.
- b. Demolition
 - i. Remove existing heat pump. Existing duct work to remain in place.
 - iii. Ensure proper recycling and/or disposal of removed units.
- c. Mechanical
 - v. Provide and install two (2) new 3.0 ton heat pumps with EER 11 and IPLV 14 or greater, Bard T36S1-A08XPXXXX or equivalent.
 - vi. Existing ductwork (if present) shall be used with minimum modifications.
 - vii. Provide new transitions and adapters, as required.
- d. Electrical
 - ii. Disconnect and reconnect power in the same location.
- e. Structural
 - iii. Proposed heat pump weight should not exceed existing unit weight.
 - iv. Provide support as needed.
- f. Title 24
 - i. System must comply with 2016 Building Energy Efficiency Standards (Title 24, Section 6)

3. Install four (4) Wi-Fi enabled smart thermostats on the new furnaces.

Location of Thermostat	Qty of Thermostats	Estimated Energy Savings (Therms/yr)	Estimate Energy Savings (kWh/yr)
Room 5	1	18	190
Room 6	1	18	190
Afterschool	2	36	380

- a. District requests that the thermostat installed is the Pro T855i Wi-Fi Thermostat.
- b. Temperature Controls
 - i. Remove existing thermostats and ensure proper disposal.
 - ii. Install new Wi-Fi enabled smart thermostats and connect to new furnaces.

- 4. Coordinate with the District and Redwood Coast Energy Authority to ensure adherence to Proposition 39 program guidelines**
 - a. Furnaces must be AHRI certified.
 - b. All project services will comply with Proposition 39: California Clean Energy Jobs Act – 2016 Program Implementation Guidelines, which can be found at <http://www.energy.ca.gov/2016publications/CEC-400-2016-005/CEC-400-2016-005-CMF.pdf>.
 - c. To comply with Proposition 39 reporting requirements, Contractor will report post-installation costs by measure as indicated in the table above.

- 5. In addition to completing the scope defined in (1) and (2):**
 - a. If applicable, recommend a change of scope.
 - b. Purchase all needed materials and equipment.
 - c. System must comply with 2016 Building Energy Efficiency Standards (Title 24, Section 6)
 - d. Verify all furnaces are operational seven (7) days post installation. If not operational, correct and verify.
 - e. Provide briefing on the installed equipment and proper operation to school facilities manager.
 - f. Ensure all removed equipment is properly recycled and/or disposed of.

PROPOSAL FORM

Governing Board
Pacific Union School District

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 Request for Quotes, the General Conditions, the Plans and Specifications, and all other Contract Documents for the proposed Proposition 39 Furnace Replacement Phase 1 Project (“Project”), 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:

Description of Measure	Total Measure Cost
Replace two (2) existing 81% AFUE furnaces with two (2) 95% or greater AFUE furnaces	\$
Replace two (2) existing vertical wall-mounted heat pumps with two (2) new high efficiency vertical wall-mounted heat pumps, 3.0 tons, EER 11 and IPLV 14 or greater.	\$
Install three (3) Wi-Fi enabled smart thermostats on the new furnaces	\$

For the sum of _____ 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 quote.

The undersigned further agrees, on the acceptance of this proposal, to execute the Contract and provide the required bonds and insurance.

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

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 _____

DIR #: _____

Required Attachments:

Subcontractor List Form
Worker's Compensation Certificate

SUBCONTRACTOR LIST FORM

Each contractor providing a quote shall list below the name and location of place of business for each Subcontractor who will perform a portion of the Contract work in an amount in excess of 1/2 of 1 percent of the total contract price. The nature of the work to be subcontracted shall also be described.

DESCRIPTION OF WORK	NAME	LOCATION	LICENSE #

WORKERS' COMPENSATION CERTIFICATE

Labor Code §3700 in relevant part provides:

"Every employer except the State shall secure the payment of compensation in one or more of the following ways:

- (a) By being insured against liability to pay compensation in one or more insurers duly authorized to write compensation insurance in this State.
- (b) By securing from the Director of Industrial Relations a certificate of consent to self-insure, which may be given upon furnishing proof satisfactory to the Director of Industrial Relations of ability to self-insure and to pay any compensation that may become due to his employees."

I am aware of the provisions of §3700 of the Labor Code which require every employer to be insured against liability for workers' compensation or to undertake self-insurance in accordance with the provisions of that Code, and I will comply with such provisions before commencing the performance of the work of this Contract and will require all Subcontractors to do the same.

Contractor

By: _____

In accordance with Article 5 (commencing at §1860), Chapter 1, Part 7, Division 2 of the Labor Code, the above certificate must be signed and filed with the awarding body prior to performing any work under this Contract.