



COVINA-VALLEY

UNIFIED SCHOOL DISTRICT

HVAC Project at Various Sites - Bid 20-21-114

Mandatory Job Walk – Friday, February 5, 2021 at 10:00a.m.

Questions on bid documents & specifications: Email to Robin Harbert at rharbert@c-vusd.org
Deadline for questions is **February 11, 2021 at 2:00pm**. Subject line **MUST** read **RFI Bid 20-21-114**. Any RFI/Question received after the deadline of February 11, 2021 at 2:00pm will not be considered.

Bid Award: The bid form has listed each site separately for budget purposes only. Please fill in a site total on A through J. The bid will be awarded to one (1) contractor with the lowest responsive/responsible Grand Total Base Bid, which is a total bid of A through J combined.

Substitution Requests: Substitution requests must be turned in with the bid on the form provided in the bid documents. Contractor must be willing to move forward with materials specified in the bid documents if the substitution request is denied.

Obtain Specifications: The bid documents and specifications are all available on the District website Purchasing page at <https://www.c-vusd.org/Page/758>. Click on the Covina-Valley Bid Portal button.

Prevailing Wage and Certified Payroll Records: Prevailing wage is required for projects over \$1,000. Maintaining certified payroll records is required. The threshold for electronic submittal of certified payroll records to DIR is \$15,000 for Maintenance Projects and \$25,000 for new construction.

Bid Opening: Wednesday, February 17, 2021 at 10:00a.m.

Requirements: Class B with Class C-20 subcontractor or Class C-20 License & DIR Registration

Completion time: 45 Days after receipt of equipment

Prevailing Wage Project - Certified payroll records will be required. Online at the DIR website preferred.

Board Approval Date: March 15, 2021

Estimated Start Date: TBD

Bonds: 10% bid bond required with bid, 100% payment and performance bond due with signed contract.

SPECIFICATIONS – HVAC PROJECT 20-21-114

GENERAL SPECIFICATIONS

Replace ten each HVAC units at eight sites:

- Replace with exact replacement from following guidelines
 1. Roof top package units use ICP/Carrier model or Carrier
 2. Split system units use Carrier or Carrier/Toshiba
 3. Portables use Bard
- Recover refrigerant from existing units per EPA guidelines.
- Removal and disposal of existing equipment
- Disconnect and reconnect EMS to new units if existing
- Provide and install new EMT or Metallic Seal Tight conduits as needed, with all proper fittings for the installation location conditions.
- Provide new electrical disconnects as needed.
- Disconnect and reconnect Condensation drain lines, if none exist pipe over to a CVUSD approved location.
- Provide and install new gas flex pipe to replace existing if equipped.
- Provide rigging and any crane needed.
- Trash is the contractor's responsibility and will be removed from the job site.
- Contractors responsible for verifying all field conditions and electrical service.
- On split systems where exposed to outside provide UV line wrap
- On rooftop package units provide a new gasket between existing curb and new installation
- All new installations provide a minimum of 4 earthquake clips or straps
- All openings in the roof shall be covered by new installation or to the districts satisfaction.

SPECIFICATIONS – HVAC PROJECT 20-21-114

Sites and locations on site of project:

- Barranca Elementary School 727 S Barranca Ave. Covina CA 91723
 - Rm 10 Portable Existing Bard 3.5 Ton wall mounted heat pump

- Ben Lomond Elementary School 621 E Covina Blvd Covina CA 91722
 - Rm 10 Split system Existing Sanyo 3-ton condenser and fan
 - Rm 13 Split system Existing Sanyo 3-ton condenser and fan

- Covina High School 463 S Hollenbeck Ave CA 91723
 - Rm N8 Roof top package Existing 4-ton rooftop unit

- Las Palmas Middle School 641 N Lark Ellen Ave CA 91722
 - Rm 17 Portable Bard Existing Bard 5-ton WH482

- Mesa Elementary School 409 S Barranca St West Covina CA 91791
 - Rm 9 Portable Bard Existing Bard 4-ton WH482-A

- Traweek Middle School 1941 E Rowland Ave West Covina CA 91791
 - Rm 24 Roof top package Existing 4-ton rooftop unit
 - Rm 26 Roof top package Existing 4-ton rooftop unit

- District Office 519 E Badillo St CA 91723
 - TSS Directors office Install new split system with a ceiling cassette

- Workman Elementary School 1941 E. Workman Ave West Covina CA 91791
 - Rm 25 Existing Bard 3 Ton wall mounted heat pump

SPECIFICATIONS – HVAC PROJECT 20-21-114

Subject: Replace (1) 3.5-Ton wall mounted A/C unit for Barranca Elementary classroom 10 located at 727 S. Barranca Ave Covina, CA

Provide supervision, labor and materials to perform the following at the above location.

- *Disconnect existing condensate to be reconnected to new unit*
- *Disconnect existing electrical to be reconnected to new unit*
- *Disconnect existing EMS to be reconnected to new unit*
- *Remove and dispose of (1) existing Bard 3.5-Ton wall mounted heat pump unit s/n 126L991387518-01*
- *Provide and install (1) new Bard 3.5-Ton heat pump wall mounted 11eer 230v 1ph m/n W42HA04MP4*
- *Start up new unit and verify proper operations*
- *Remove all debris caused by our work*
- *All work to be done during **normal** business hours*

SPECIFICATIONS – HVAC PROJECT 20-21-114

Subject: HVAC replacement of (1) 3-Ton ductless system for Ben Lomond Elementary classroom 10 located at 621 E. Covina Blvd, CA 91723

Provide supervision, labor and materials to perform the following at the above location.

- *Disconnect existing condensate drain line to be reconnected to new unit*
- *Disconnect existing electrical to be reconnected to new unit*
- *Remove and dispose of (1) 3-ton Sanyo condenser **s/n 0005743***
- *Remove and dispose of (1) 3-ton Sanyo ceiling suspended fan coil*
- *Provide and install (1) new Carrier 3-ton heat pump condenser 230v 1ph **m/n 40MBFQ36***
- *Provide and install (1) new 3-ton ceiling suspended fan coil **m/n 38MBRQ36***
- *Provide and install new refrigeration line set*
- *Provide and install (1) new wired digital programmable thermostat*
- *Provide and install new ductwork as needed to tie into existing OSA plenum*
- *Start up new unit and verify proper operations*
- *Remove all debris caused by our work*
- *All work to be done during **normal** business hours*

SPECIFICATIONS – HVAC PROJECT 20-21-114

Subject: HVAC replacement of (1) 3-Ton ductless system for Ben Lomond Elementary classrooms 13 located at 621 E. Covina Blvd, CA 91723

Provide supervision, labor and materials to perform the following at the above location.

- *Disconnect existing condensate drain line to be reconnected to new unit*
- *Disconnect existing electrical to be reconnected to new unit*
- *Remove and dispose of (1) 3-ton Sanyo condenser*
- *Remove and dispose of (1) 3-ton Sanyo ceiling suspended fan coil*
- *Provide and install (1) new Carrier 3-ton heat pump condenser 230v 1ph **m/n 40MBFQ36***
- *Provide and install (1) new Carrier 3-ton ceiling suspended fan coil **m/n 38MBRQ36***
- *Provide and install new refrigeration line set*
- *Provide and install (1) new wired digital programmable thermostat*
- *Provide and install new ductwork as needed to tie into existing OSA plenum*
- *Start up new unit and verify proper operations*
- *Remove all debris caused by our work*
- *All work to be done during **normal** business hours*

SPECIFICATIONS – HVAC PROJECT 20-21-114

Subject: Replace (1) 4-Ton rooftop package unit for Covina High School classroom N8 located at 463 S. Hollenbeck Ave Covina, CA

Provide supervision, labor and materials to perform the following at the above location.

- *Disconnect existing condensate to be reconnected to new unit*
- *Disconnect existing electrical to be reconnected to new unit*
- *Disconnect existing EMS to be reconnected to new unit*
- *Remove and dispose of (1) existing Carrier 4-Ton gas/electric package unit m/n HJD004*
- *Provide and install (1) new Carrier 4-Ton gas/electric package unit m/n 48FCLA05A 460V 3PH w/ manual OSA hood*
- *Provide crane and rigging needed*
- *Start up new unit and verify proper operations*
- *Remove all debris caused by our work*
- *All work to be done during **normal** business hours*

SPECIFICATIONS – HVAC PROJECT 20-21-114

Subject: Replacement of (1) 5-Ton Bard wall mounted package units for Las Palmas Middle School classroom 17 located at 641 N. Lark Ellen Ave Covina, CA

Provide supervision, labor and materials to perform the following at the above location.

- Disconnect existing electrical to be reconnected to new units
- Disconnect existing EMS to be reconnected to new units
- Disconnect existing condensate to be reconnected to new units
- Remove and dispose of (1) existing Bard 5-Ton wall mounted heat pump units m/n WH482 s/n 153P001564992-02
- Provide and install (1) new Bard 4-Ton wall mounted heat pump units m/n W48HA
- Provide and install new metallic electrical whips/conduit as needed to extend power to new unit
- Start up new unit and test operations
- Remove all debris caused by our work
- All work to be done during normal business hours

SPECIFICATIONS – HVAC PROJECT 20-21-114

Subject: Replacement of (1) 4-Ton Bard wall mounted package unit for Mesa Elementary School classroom 9 located at 409 S. Barranca St. West Covina, CA

Provide supervision, labor and materials to perform the following at the above location

- *Disconnect existing electrical to be reconnected to new units*
- *Disconnect existing EMS to be reconnected to new units*
- *Disconnect existing condensate to be reconnected to new units*
- *Remove and dispose of (1) existing Bard 4-Ton wall mounted heat pump units 230v 1ph m/n WH482-A s/n 149B981203627*
- *Provide and install (1) new Bard 4-Ton wall mounted unit m/n W48HA 11EER 230V*
- *Provide and install new metallic electrical whips/conduit as needed to extend power to new unit*
- *Start up new unit and test operations*
- *Remove all debris caused by our work*
- *All work to be done during **normal** business hours*

SPECIFICATIONS – HVAC PROJECT 20-21-114

Subject: Replacement of (1) 4-Ton rooftop package unit for Traweek Middle School classrooms 24 located at 1941 E. Rowland Ave West Covina, CA

Provide supervision, labor and materials to perform the following at the above location.

- *Disconnect existing electrical to be reconnected to new units*
- *Disconnect existing EMS to be reconnected to new units*
- *Disconnect existing condensate to be reconnected to new units*
- *Remove and dispose of (1) existing Carrier 4-Ton gas/electric package units 460v 3ph*
- *Provide and install (1) new Carrier 4-Ton gas/electric package unit m/n 48FCLA05A 460V 3PH w/ manual OSA hood*
- *Provide and install (1) new service disconnects w/ new fuses*
- *Provide and install new gas flex pipe*
- *Provide and install new metallic electrical whips/conduit as needed to extend power to new unit*
- *Provide rigging and crane needed*
- *Start up units and verify proper operations*
- *Remove all debris caused by our work*
- *All work to be done during **normal** business hours*

SPECIFICATIONS – HVAC PROJECT 20-21-114

Subject: Replacement of (1) 4-Ton rooftop package unit for Traweek Middle School classrooms 26 located at 1941 E. Rowland Ave West Covina, CA

Provide supervision, labor and materials to perform the following at the above location.

- *Disconnect existing electrical to be reconnected to new units*
- *Disconnect existing EMS to be reconnected to new units*
- *Disconnect existing condensate to be reconnected to new units*
- *Remove and dispose of (1) existing Carrier 4-Ton gas/electric package units 460v 3ph*
- *Provide and install (1) new Carrier 4-Ton gas/electric package unit m/n 48FCLA05A 460V 3PH w/ manual OSA hood*
- *Provide and install (1) new service disconnects w/ new fuses*
- *Provide and install new gas flex pipe*
- *Provide and install new metallic electrical whips/conduit as needed to extend power to new unit*
- *Provide rigging and crane needed*
- *Start up units and verify proper operations*
- *Remove all debris caused by our work*
- *All work to be done during **normal** business hours*

SPECIFICATIONS – HVAC PROJECT 20-21-114

Subject: Install (1) new 1-Ton Ductless system for TSS building located at 519 E. Badillo St. Covina, CA

Provide supervision, labor and materials to perform the following at the above location.

- Provide and install (1) new Carrier 1-ton condenser m/n 40MDQ12
- Provide and install (1) new Carrier 1-ton ceiling cassette fan coil m/n 38MAQB12
- Provide and install (1) new service disconnect w/ new fuses
- Provide and install (1) new wired remote controller
- Provide and install new insulated refrigerator line from condenser to fan coil
- Provide and install new condensate drain line to approved
- Provide and install new metallic electrical whips/conduit as needed to supply power to condenser
- Provide and install new condenser pad
- Start up unit and verify proper operations
- Remove all debris caused by our work
- All work to be done during normal business hours

SPECIFICATIONS – HVAC PROJECT 20-21-114

Subject: Replacement of (1) 3-Ton wall mounted package unit for Workman Elementary classroom 25 located at 1941 E. Workman Ave. West Covina, CA 91791

Provide supervision, labor and materials to perform the following at the above location.

- *Disconnect existing condensate to be reconnected to new unit*
- *Disconnect existing electrical to be reconnected to new unit*
- *Disconnect existing EMS to be reconnected to new unit*
- *Remove and dispose of (1) existing Bard 3-Ton wall mounted heat pump unit*
- *Provide and install (1) new Bard 3-Ton heat pump wall mounted 11eer 230v 1ph m/n W42HA04MP4*
- *Start up new unit and verify proper operations*
- *Remove all debris caused by our work*
- *All work to be done during normal business hours*