



**LABOR RELATIONS DIVISION**

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**Wage Decision Approval Summary**

1) Project Title: CENTRAL OFFICE 8 ZONE VRV  
Requested Date: 05/21/2024  
Approved Date: 05/22/2024  
Approved Wage Decision Number: ED-24-1830-B

**Wage Decision Expiration Date: 09/19/2024**

2) Physical Location of Jobsite for Project:  
Job Site Address: 408 North Canyon Street  
Job Site City: CARLSBAD  
Job Site County: Eddy

3) Contracting Agency Name (Department or Bureau): Carlsbad Municipal Schools  
Contracting Agency Contact's Name: Hayley Bruns  
Contracting Agency Contact's Phone: (575) 234-3300 Ext. 1053

4) Estimated Contract Award Date: 05/09/2024

5) Estimated total project cost: \$143,733.48  
a. Are any federal funds involved?: No  
b. Does this project involve a building?: Yes - THE BUILDING TO BE ALTERED IS THE CENTRAL OFFICE ADMINISTRATION BUILDING. INSTALLING AN 8 ZONE VRV HEAT PUMP.  
c. Is this part of a larger plan for construction on or appurtenant to the property that is subject to this project?: No  
d. Are there any other Public Works Wage Decisions related to this project?: No  
e. What is the ultimate purpose or functional use of the construction once it is completed?: INSTALL AN 8 ZONE VRV HEAT PUMP AT CENTRAL OFFICE ADMINISTRATION BUILDING

6) Classifications of Construction:

Classification Type and Cost Total	Description
<p><b>General Building (B)</b> <b>Cost: \$143,733.48</b></p>	<p>Installing an 8-zone VR (Variable Refrigerant) heat pump at our administrator building. This involves several steps and requires the expertise of various trades.</p> <p>This will be done by HVAC technicians. The outdoor unit is installed first, followed by the indoor units in each of the 8 zones. The indoor units are connected to the outdoor unit via refrigerant lines. Electrical connections are also made. The refrigerant lines are insulated, and any holes made during installation are sealed. This work is also typically done by HVAC technicians.</p> <p>After installation, the system is tested to ensure it is working properly. This involves checking the refrigerant pressure, testing the electrical connections, and ensuring the system is heating and cooling effectively. Commissioning is the final step, where the system is fine-tuned for optimal performance. This may involve</p>

adjusting the refrigerant charge, balancing the airflow between zones, and setting up the control system.

Trades involved in this process typically include:

HVAC Engineers/Technicians: They are responsible for the design, installation, testing, and commissioning of the system.

Electricians: They may be needed to make the electrical connections for the system, especially if new circuits need to be added.

Insulators: They may be involved in insulating the refrigerant lines, although this work is often done by the HVAC technicians.

General Contractors: If the installation involves significant construction work (e.g., cutting holes in walls, building platforms for the outdoor unit), a general contractor may be involved.