

# CARL BELT, INC.

P.O. Box 1210 / Cumberland, MD 21502  
(301) 729-8900 Phone / (301) 729-0163 Fax

# INVITATION TO BID

<b>PROJECT:</b>	<b>Cash Valley Elementary School Air Handler No. 2 Replacement</b>
<b>BIDS DUE:</b>	<b>December 6, 2022 @ 11:00 A.M.</b>
<b>CONTACT:</b>	<b>Adam Sterne / PHONE (301) 729-8900 / FAX (301) 729-0163</b>

**PROJECT DESCRIPTION:** The scope of work includes replacing the existing roof mounted, steam fired, packaged cooling multizone Air Handling Unit as manufactured by Jackson Church with a packaged cooling, gas fired single zone roof mounted AHU. Provide an adapter curb for the new unit. Align the supply duct connection with the existing ducts and make the transition and connection to the unit. Provide a sound lined return air plenum box the full height and width of the curb space to connect to the new unit and existing return air duct in the curb space. An existing gas line located on the roof shall be extended to serve this replacement AHU. Provide copper condensate drain trap and pipe to closet roof drain. Remove all associated steam and condensate piping and cap. Remove sections of ductwork and associated insulation as required for each zone duct as indicated on the drawings for installation of an air flow measuring station, modulating damper and electric heating coil. Reinsulate all ductwork with 2" thick, 2 PCF duct wrap. Replace all zone space thermostats. The rooftop unit shall be controlled as a single zone Variable Air Volume System. Each zone damper and electric heating coil shall be controlled by a space temperature sensor. The air flow measuring station shall control and monitor minimum to maximum air flows. A space relative humidity sensor shall control the dehumidification mode of operation and associated hot gas reheat coil control. Each zone shall have a space carbon dioxide sensor that through load analyzing control the outdoor air damper. A space carbon monoxide sensor and supply air and return air duct mounted smoke detectors shall be interlocked with the existing fire alarm system and be hard wired to shut the AHU off when setpoints are reattached. Work includes all associated power wiring for the rooftop unit and all associated electric reheat coils. The entire system (AHU, zone dampers, diffusers) shall be tested and balanced.

**Carl Belt, Inc. seeks MBE/DBE/WBE Subcontractors and Suppliers for: Electrical (238210, 423610), HVAC (238220, 423730), and Interior Demolition (238910)**

## This Job is Wage Rated

Plans, specifications and addenda may be examined at:

- [www.thebeltgroup.com](http://www.thebeltgroup.com) Username: CB22115 / Password: VALLEY (Must be all CAPS)
- Our Office @ 11521 Milnor Avenue / Cumberland, MD 21502

### Special Instructions

**We encourage proposals from small business concerns, veteran-owned small business concerns, service-disabled veteran-owned small business concerns, HUBZone small business concerns, disadvantaged business concerns, woman owned business concerns and minority business concerns. Carl Belt, Inc. is an Equal Opportunity Employment firm.**

### PLEASE COMPLETE & RETURN

Company Name: \_\_\_\_\_ Phone/Fax: \_\_\_\_\_

We *are* Bidding: \_\_\_\_\_, and: We *are NOT* Bidding: \_\_\_\_\_

- Will retrieve bid documents via website \_\_\_\_\_
- Will view bid documents at your office \_\_\_\_\_