PRECISION CONTROL SYSTEMS, INC.
405 East Ridge Road
Griffith, Indiana 46319
708.862.1177 Voice
219.838.6717 Fax

Mr. Ilandus Hampton, Mr. Brian Paczesny
Joliet HSD 204
300 Caterpillar Drive, Joliet, IL

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RE: SD204 Joliet West Cafeteria RTU Replacement

Precision Control Systems, a division of The Hill Group, is pleased to provide you with the following budgetary pricing and scope detail for the HVAC replacement at Joliet High School District. The following scope of work may be performed under our OMNIA Cooperative Purchasing Contract 159594. Bid Results: https://www.omniapartners.com/suppliers/the-hill-mechanical-group/public-sector

General Scope of Work included for all items

- Provide engineering, project management and oversight labor throughout entire project
- Work to be performed on 1st shift during the school year in areas unoccupied by students (mechanical/electrical rooms, roofs, storage areas). Any work disruptive to occupied areas will be performed on off days or scheduled second shifts. No Saturday work has been included. The majority of the disruptive construction work would take place during summer break.
- Provide as-built close out documentation at completion of project
- Provide 1-year parts and labor warranty on workmanship.
- Provide initial owner training on all HVAC equipment supplied

Joliet West HVAC Replacement Scope of Work

The following scope of work is applicable to (1) roof top unit at Joliet West serving the cafeteria and kitchen

- Demolish and remove existing roof mounted air handling unit and condensing unit serving the cafeteria and kitchen
  - Recover and dispose of refrigerant
  - Condensing unit roof rails to remain
- Demolish and remove associated roof piping
  - No piping demo below roof
- Demolish and remove power and wire from subpanel to roof top unit
- Demolish and remove breaker serving the cafeteria rooftop unit
- Furnish and install (1) 90-ton packaged rooftop unit with hot water heating
  - Provide with:
    - Disconnect switch
    - Convenience outlet
    - Powered exhaust
    - Demand control ventilation
    - Hot gas reheat
    - Hail guards
    - Curb adaptor
- Furnish and install (1) hot water circulating pump for RTU hot water coil
- Relocate VAV-9 and VAV-10 to allow for new duct drops
  - Extend hot water piping to new locations
- Furnish and install hot water pipe, valve, and fittings for new rooftop unit
- Furnish and install condensate drain piping for (1) new unit
- Furnish and install galvanized steel supply and return ductwork from new unit
- Furnish and install fiberglass insulation for new hot water piping

- Provide FSK duct wrap on new supply ductwork
- Furnish and install new power wiring and conduit from subpanel to rooftop unit
- Furnish and install a new breaker in subpanel for rooftop unit
- Provide crane lift to remove and install roof top unit
- Allowance of $15,000 included for structural engineering to confirm new rooftop unit location on roof is adequate
- Allowance of $15,000 included for structural reinforcement of existing roof structure for new ductwork openings
- Adapt existing open-protocol Tridium Niagara building automation system with BACnet Distech Building Automation Controls for (1) roof top unit including web-based graphics of HVAC equipment
- Precision to provide two season (heating and cooling) start-up and checkout.
- The RTU will ship with refrigerant and Precision will trim the charge as needed.
- Precision will provide a (1) year parts and labor warranty.
- The manufacturer will provide an extended parts only warranty on compressors and heat exchangers.
- Provide test and balance for (10) VAV's serving the kitchen and cafeteria

SD204 Cafeteria RTU Replacement: $998,900

Exclusions and Clarifications

- Provide electrical labor, programmer labor to install new control devices and program
- At the completion of installation, check out equipment functionality and provide a report of deficiencies at completion of the controls upgrade for any equipment that was retained
- Proposal assumes 2027 completion
- No fire protection
- No ductwork cleaning for existing ductwork
- No heat trace included
- No work associated with existing to remain kitchen equipment, hoods, or exhaust fans
- No glycol

Thank you for allowing us to continue to support SD204, we look forward to promptly starting this project.
Sincerely,



Matt Ernst, P.E.
Account Executive
219-806-0155
mernst@pcsog.com