

Scope of Work: Expand Central Plant at Hard Rock Catoosa

1. Furnish and install complete:
 - a. Two 1,000-ton chiller modules; Daikin chillers per documents, no substitutions.
 - b. Two 1,000-ton cooling towers; Evapco towers per documents, no substitutions.
 - c. Two 3,000 MBH boilers, Atlas boilers per documents, no substitutions.
 - d. All motors shall be Baldor, premium efficiency motors, no substitutions.
 - e. One 450-ton plate and frame heat exchanger
 - f. One heat exchanger module comprised of domestic and hydronic flat plate heat exchangers.
 - g. Installation of the chiller modules, boilers, cooling towers, accessories to be a match to existing north plant to provide a seamless integration.
 - h. All controls and controls upgrade with the expanded, unified central plant.
 - i. Piers required for module support by others.
 - j. Provide all internal electrical. Power to the modules by others.
 - k. Demo and legally dispose of the existing fluid cooler and accessories.
 - l. Set new heat exchanger module.
 - m. Provide new piping for domestic hot water service.
 - n. Provide new piping as required for Cherokee Tower condenser piping.
 - o. Provide new hydronic piping from point of connection to new heat exchanger module.
 - p. Provide new controls for the heat exchanger module.
 - q. Power to the heat exchanger module provided by others.
 - r. All modules shall be designed with a single point of power requirement. Owner will provide power to this point only.
 - s. Manufacturer to include complete, matching, watertight “vestibule” on south side of module to allow an interior passage way to the new modules. Vestibule shall have provisions to maintain chiller service.
 - t. The makeup water for the modular plant is existing. Manufacturer to connect to existing.
 - u. Chemical feed shall be limited to taps only. Condenser water taps shall be piped to location of the chemical feed system. Chemical feed system by Owner.
 - v. All module lighting shall be LED using 3500K – 4000K temperature fixtures.
 - w. In addition to the new tower sweeper/sedimentation removal system, manufacturer shall retrofit the existing three cooling towers with the same system.
 - x. See attached drawing for roof pipe supports.
 - y. Owner will install the vertical domestic hot water riser from second floor to 6th floor and terminate in each boiler room. Contractor shall make all connections to this riser.
 - z. Owner shall provide the module support system under separate contract.

aa. Manufacturer shall include the costs for travel and accommodations for the engineer and two Owner representatives to check manufacturing progress at two separate intervals of the Owner’s choosing.

2. Limitations:

ADDENDUM 2
13 March 2018

- a. This scope of work is a “turn-key” scope. All work shall be in accordance with the design documents titled “HARD ROCK CASINO 4 – EXPANSION CENTRAL PLANT ADDITION”
 - b. The scope listed above identifies general, major areas of work. It is not intended to limit the requirements of the project. The project is the entirety of the design documents.
3. Changes to the Scope:
- a. All changes shall be cost of the work with the following allowable markups:
 - i. Combined overhead and profit on lower tier contractors shall not exceed 5%.
 1. Lower tier contractors shall be limited to a combined overhead and profit of 10%.
 - ii. Combined overhead and profit on self-performed work shall not exceed 10%.
 - iii. Combined overhead and profit returned on deductive changes of lower tier contractors shall not be less than 3%.
 - iv. Combined overhead and profit returned on deductive changes on self-performed work shall not be less than 7%.
 - v. Invoices for rental equipment, material, freight, fuel, etc. will be provided to substantiate costs of changes. Original quotes, material estimates, labor estimates, purchase orders, etc. may also be requested to substantiate changes.