Re-Advertisement for Subcontractor Bids

North Carolina State University
Centennial Utility Plant Cogeneration System and Building Addition
SCO# 12-11955-02A

Due to lack of sufficient bids for the below listed bid packages in the initial round of bidding, sealed lump sum bid proposals will be received from pre-qualified bidders by NCSU, attention Steve Bostian on the following dates / times as noted below.

The following bid packages will be received until **2:00 PM** on **March 3, 2017** in **conference room 101, Administrative Services III Building 2701 Sullivan Drive, Raleigh, NC 27695** and immediately thereafter publicly opened and read for the above referenced project.

- 02A – Deconstruction
- 07A – Roofing
- 21A – Fire Protection
- 31A - Earthwork and Exterior Improvements

The following bid packages will be received until **2:00 PM** on **March 14, 2017** in **conference room 101, Administrative Services III Building 2701 Sullivan Drive, Raleigh, NC 27695** and immediately thereafter publicly opened and read for the above referenced project.

- 04A – Masonry
- ~~07B – Exterior Metal Panels and Openings~~ **(now broken into the following 4 packages)**
    - 07D - Metal Panels
    - 08A - Doors, Frames & Hardware
    - 08B - Specialty Doors
    - 08C - Storefronts, Curtain Wall and Glazing
- 09A – Metal Studs and Drywall

The State reserves the unqualified right to reject any and all proposals.

Invitation to Bid:

An invitation to bid for this project which includes access to electronic bid documents can be obtained from DPR Construction, David Heath, david.heath@dpr.com.

North Carolina State University has an affirmative policy of fostering, promoting and conducting business with minority owned enterprises. Minority contractors are encouraged to participate in the bidding process. The bidder must include completed minority business subcontractor documentation form(s) with their proposal or the bid may be considered non-responsive and invalid.

Project Description:

The Centennial Campus Utility Plant (CUP) is being expanded by 6,381 SF to accommodate the installation of a new 5.2 MW combustion turbine generator (CTG) and accompanying heat recovery steam generator (HRSG). The CUP expansion is sized to accept the installation of a future CTG and HRSG or steam boilers as system demands dictate in the future. A steam turbine generator (STG) and surface condenser (SC) are included in the project for converting steam to power in times when steam production is in excess of the required campus steam load. A fuel gas compressor (FGC) provides natural gas as the primary fuel for the CTG, but the CTG has a dual fuel option to burn #2 fuel oil. The following further describes the work:

- Building and site construction associated with the 6,381 SF building expansion including extension of existing HVAC, lighting, fire protection, water, and sanitary services.
- Deconstruction of the Central Utility Plant eastern wall for tie-in of the building expansion.
- Steam, condensate, chilled water, condenser water, lube oil, vent and other piping systems to support the Cogen equipment to include shutdown windows and heavy coordination with NC State Facilities.
- Turbine air intake ductwork and exhaust ductwork.
- Rigging and setting of equipment to include field installation of loose shipped components provided by the equipment vendors.
- Upgrades to the existing fuel yard including conversion from #6 to #2 fuel oil, new 37,500 gallon fuel oil tank, pump replacement at the exterior pump room, piping replacement to the building, conversion of the 80,000 pph boiler to No. 2 fuel oil and removal of an existing 10,000 gallon fuel tank.
- Relocation of existing electrical ductbank and manhole that interferes with the new building expansion.
- New transformers, pads and switches on the west side of the building along with associated ductbank and feeders.
- Electrical systems to support the Cogen equipment operation, equipment interconnecting wiring, and install of loose shipped components provided by the equipment vendors.
- Instrumentation, Controls and Controls Integration
- Reconfigure existing TAC controls to interface with the plant control system.

Thank you for your interest in the project and please do not hesitate to contact us with questions.

Regards,

Steve Bostian
North Carolina State University
Capital Project Management
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919-515-8059

David Heath
DPR Construction
Project Manager
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919-337-9418

Note: Only bids provided by subcontractors who have been qualified via the prequalification process will be considered for this project.