

Department of General Services / Construction

Charlotte-Mecklenburg Government Center (CMGC) Generator Replacement

The project consists of replacing two (2) 475 kVA emergency paralleled generators in the sub-plaza level of the Government Center. The existing generators along with the existing paralleling gear, exhaust, fuel, cooling, and branch circuit systems shall be demolished and replaced. In detail these include, but are not limited to: two (2) existing radiators in the pit adjacent to the generator room, the existing paralleling gear, the exhaust piping stack up to the roof level, all existing cooling and fuel piping, the existing fuel pumps, and all electrical branch circuit for ancillary generator loads. The existing generators shall be removed in such a manner as to ensure they can be resold by the general contractor for a credit back to the City. Two (2) new CAT emergency-rated 500 kVA generators (purchased directly by the City) shall be installed along with a new 2000 amp, 480/277V switchboard (also purchased directly by the City), which shall replace the existing paralleling switchboard. The new generators shall be equipped with onboard paralleling technology. New control wiring shall be provided and installed to two (2) new annunciators and the existing building management system at the security desk adjacent to the elevator lobby on the sub-plaza level of the facility. A 1MW temporary generator shall be provided and installed by the electrical contractor adjacent to the street and exterior wall of the generator room to provide temporary backup power coverage while the existing gear systems are demolished and replaced. The general contractor is required to provide a construction schedule and participate in necessary pre-construction and construction progress meetings during the duration of the project. The City shall provide a commissioning agent to develop all commissioning scripts and testing procedures at the conclusion of construction activities. The General Contractor shall be responsible for all necessary materials and labor necessary for the performance of the scripted commissioning activities.

Details

Posting Number	2020-Q3(Jul-Sep)-DGS-2555
Anticipated Posting Date	2020-09-29
Commodity Code(s):	90922

Requirements

Last Updated: 10/30/20

Insurance Requirements

The City requires the awarded vendor(s) to obtain and maintain the following insurance coverage types:

- ☒ Automobile-For automobile operations liability
- ☒ Constructions Bonds-For bidding, payment, completion of construction projects
- ☒ Crime (Employee Dishonesty)-For the theft of our property by an employee or contractor
- ☒ General Liability-For bodily injury or property damage, arising from products, premises, completed work, personal & advertising injury
- ☒ Workers Compensation-For lost wages and medical expenses of injured workers

Bonding Requirements

The City plans to require the following bond(s) for this solicitation:

- ☒ Bid Bond-City required Bond to ensure that vendors do not retract bids from the time they submit a bid until the contract has been executed.
- ☒ Payment Bond-City required Bond to ensure that subcontractors and/or suppliers are paid for any work performed.
- ☒ Performance Bond-City required Bond to ensure satisfactory completion of a project by the vendor.

Subcontracting Opportunities


Subcontracting Opportunities

55078 Traffic Cones, Lane Markers, and Barricades (Portable); 91438 Electrical; 91450 Heating, Ventilating and Air Conditioning (HVAC)

Estimated Total Value

The total project value is anticipated to be:

☒ \$500,000 - 999,999


 \$953,750.00.

Utilization

The City anticipates setting goals for the following types of subcontractor utilization:

☒ SBE-Small Business Enterprise


☒ MBE-Minority Business Enterprise

 MBE Goal: 5.0% SBE Goal: 11.0%

Contract Term

The term of the project is anticipated to be:

☒ Through Project Completion

 98 calendar days from Notice to Proceed.

For Questions, Contact:

Sadia Khan

City Contact

skhan@charlottenc.gov