SECTION NINE

GROUP 475 SPECIFICATIONS

DEPARTMENT OF TRANSPORTATION
COBB COUNTY GEORGIA

SPECIAL PROVISION

2024 COUNTYWIDE UNIT PRICE CONTRACT

Group 475 – Street Lights

Qualified contractors ("Contractor") are to furnish all materials, labor, equipment and fabrication for street light repair and replacement, and repairs to electrical systems for county-owned street and pedestrian lights throughout Cobb County. The need for services are not known at the time of execution, the County does not guarantee any minimum or maximum amounts of work. Contractor is obligated to deliver all articles and services that may be ordered during the contract term**.**

General Instructions

Allowable Time for Completion

Unless an emergency requires the immediate removal and replacement of damaged poles or repair of crucial safety lights, the contractor shall have twenty working days from the date of notification by the Cobb County Department of Transportation ("DOT") to commence work. Contractor shall inform the Street Light Program Administrator when work will commence. All work related to the repairing of electrical systems and lights must be completed in an acceptable timeframe within industry standards after the "Notice to Proceed" for the specific project is issued.

The described work shall be performed in a manner subject to the approval and supervision of DOT. DOT or other designated County representatives shall have free access in the supervision of the work being performed at all times.

The Contractor shall complete the work within the specified timeframe unless otherwise approved in writing. Failure to complete the work within the specified timeframe will result in the assessment of liquidated damages at the rate of $250.00 per day.

Order of Work

The Contractor shall coordinate all work with the Owner prior to beginning any work. All work must be scheduled to minimize disturbance of traffic.

Site Safety/Clean-up

The Contractor shall be responsible for maintaining a clean and safe site during repairs and replacements. The Contractor shall perform and carry out services as specified herein in a satisfactory and proper manner and in conformance with the standard practices and procedures of its profession. The time and locations of the services will be on an "as needed" project basis for the life of the contract. The Owner or its representatives shall notify the Contractor, either orally or written, as to the location and type of services required for each project.

Non-Emergency/Emergency Work

Non-emergency work is defined as:

- Work between the hours of 8:00am and 5:00pm Monday through Friday, with a response time of more than 9 hours

Emergency work is defined as:

- Work required outside the hours of 8:00am and 5:00pm Monday through Friday, or where a response time of less than 9 hours is required between the hours of 8:00am and 5:00pm Monday through Friday
- Work required on Saturday and/or Sunday
- Work required on County Recognized Holidays

Cost Plus Percentage for Materials

Due to the varying nature of materials needed for lighting projects and the need for contractors to purchase these materials on behalf of the County, the "Cost Plus Percentage for Materials" bid item allows for the bid of a percentage increase to the material costs for a project to cover administrative and warehousing costs. For example, if a project required $1,000.00 worth of materials and the Cost Plus Percentage for Materials is 10%, the County would be quoted $1,000.00 x 1.1=$1,100.00 for that line item. This percentage will apply to all material costs for all lighting projects during the life of this contract.

The bid for this line item should be in percentage format such as 5% or 10%.

Specifications

UTILITIES EXCAVATION AND BACKFILLING

PART 1 - GENERAL

1.01 DESCRIPTION

Provide excavation and backfill as required for the site utilities and specified herein.

1.02 QUALITY ASSURANCE

A. Materials and methods shall conform to Cobb County requirements.

B. Materials and methods specified as GDOT are as specified in the Standard Specifications Construction of Transportation Systems, 2021 edition and current addendums.

1.03 SUBMITTALS

Certificate(s): Backfill material(s) approval.

1.04 JOB CONDITIONS

Protect and maintain all active utilities and existing underground work which is to remain. Repair or replace at no expense to Owner all such items disturbed in execution of the work.

1.05 SAFETY

For the security or safety of persons in and adjacent to trenches or construction operations, the "Manual of Accident Prevention in Construction" published by the Associated General Contractors of America and the safety regulations of the appropriate state agency shall be followed when specifically applicable, or by similarity of operation or as necessary for adequate protection.

All trenches/excavations will be covered, filled back in or cordoned off with safety fencing at the conclusion of each working period to ensure that the safety of persons in or adjacent to the trench, excavations or construction operations are adequately protected.

GENERAL PROVISIONS - ELECTRICAL

PART 1 - GENERAL

A. The work included in this section of the specifications shall consist of furnishing all tools, supervision, supplies, labor and materials necessary for the installation of a complete electrical system as shown or called for as specified. No material shall be installed until materials list has been approved.

B. The work shall be performed in accordance with all applicable provisions of the latest edition of the National Electrical Code, the local code enforcement agency having jurisdiction and the regulations of the local utility company.

PART 2 - MATERIALS

A. All materials shall be new, free from defects and conform to the applicable standards of Underwriters' Laboratories, Inc. and the National Electrical Manufacturers Association. Where reference is made herein and on the contract drawings to trade names or to the names of manufacturers, such references are made to indicate the quality of materials or equipment to be furnished.

B. Furnish all tools, material, labor, transportation and supervision to leave electrical systems ready for operation in accordance with these specifications. All work shall be performed in a neat and orderly manner conforming to the aforementioned standards. All offsets, bends, fittings, pull boxes, stems and supports for the complete installation are not indicated on the drawings, however, it shall be the Contractor's responsibility to furnish and install all offsets, bends, devices, raceway supports and other material and equipment required for the complete installation.

C. The work shall include but not be limited to furnishing and installing light fixtures, poles, wiring devices, conduit, wiring, panel boards, circuit breakers, transformers, lighting contactors, timers, power and lighting control enclosures, distribution boards and other equipment required for the complete power and lighting systems on an as needed basis.

D. Should the Contractor find at any time during the work that, in his judgment, conditions make modifications in the requirements for any item(s) desirable or necessary, he shall report such matters promptly to the Project Manager for his decision and instructions.

E. The Contractor shall coordinate with all trades so that interference between electrical raceways, piping, equipment, architectural or structural work shall be avoided and not delay the completion of the project in a timely manner.

PART 3 - TESTING

A. Upon completion of the work, test the individual systems including all feeders, service, branches, outlets, lighting, motors, apparatus and appliances, to assure that the system is complete, operable and in compliance with these specifications.

B. Provide all instruments, labor and material for any intermediate and final tests described hereinafter or necessary to prove compliance with these specifications.

C. Tests shall indicate full compliance with these specifications or referenced standards.