



Internal Services Department

Facilities Management Division · Fleet Management Division · Landscaping & Grounds Division

September 13, 2024

INVITATION FOR BIDS

FOR

CUMBERLAND COUNTY
INTERNAL SERVICES DEPARTMENT

CUMBERLAND COUNTY DEPARTMENT OF PUBLIC HEALTH UPS REPLACEMENT

Cumberland County North Carolina

Pursuant to Section 143-131 of the General Statutes of North Carolina, bids are solicited and will be received via email directly to jbutler@cumberlandcountync.gov or by mail to the following address: 426 Mayview Street, Fayetteville, NC 28306 at any time before **2:00 PM** on **October 15, 2024**.

A **mandatory site-visit** will be held on-site (1235 Ramsey Street, Fayetteville, NC 28301) at 10:00 AM on Thursday, October 3, 2024.

Instructions: Vendors invited to submit bids are urged to have a representative present at the site visit and appraise themselves of the conditions and requirements which will affect the performance of the work called for by this invitation for bid.

Vendor is cautioned that any information released to attendees during the site visit, other than that involving the physical aspects of the facility referenced above, and which conflicts with, supersedes, or adds to requirements in this invitation for bid, must be confirmed by written addendum before it can be considered to be a part of this bid.

A 5% bid bond is **not required** for this project.

Performance and Payment Bonds are **not required** for this project.

Fleet Management
426 Mayview Street
Fayetteville, NC 28306
910 321-6963

Facilities Management
420 Mayview Street
Fayetteville, NC 28306
910-678-7699

Landscaping & Grounds
807 Grove Street
Fayetteville, NC 28302
910-678-7560

All Contractors are notified that North Carolina Statutory provisions as to licensing for Contractors will be observed in receiving, reading, and awarding of contracts.

The County reserves the right to reject any or all bids. The bidder to whom the contract may be awarded must comply with the requirements of G.S. Section 143-131, as amended.

No bids may be withdrawn after the scheduled closing time for the receipt of bids for a period of sixty (60) days.

CONTRACTORS INSURANCE:

Providing and maintaining adequate insurance coverage is a material obligation of the CONTRACTOR and is of the essence of this contract. All such insurance shall meet all laws of the County of Cumberland, North Carolina. Such insurance coverage shall be obtained from companies that are authorized to provide such coverage and that are authorized by the Commissioner of Insurance to do business in North Carolina. The CONTRACTOR shall at all times comply with the terms of such insurance policies, and all requirements of the insurer under any such insurance policies, except as they may conflict with existing North Carolina laws or this contract. The limits of coverage under each insurance policy maintained by the CONTRACTOR shall not be interpreted as limiting the CONTRACTOR'S liability and obligations under the contract. During the term of the contract, the CONTRACTOR at its sole cost and expense shall provide commercial insurance of such type and with such terms and limits as may be reasonable associated with the contract.

PERMITS AND LICENSES:

The Contractor shall procure and pay all charges and fees for all permits and licenses incidental to the due and lawful prosecution of the work.

CONSTRUCTION TRASH & DEBRIS REMOVAL:

During construction of the Project, the Contractor shall be responsible for the removal of any trash or debris created by his work to an approved disposal site. The site will be maintained in a clean condition at all times. Trash and debris from daily operations are to be stored in appropriate storage containers or trucks until removal to the disposal facility.

WARRANTY

The CONTRACTOR shall provide a minimum of a **60-month warranty with an option for a 120-month warranty** on all materials and workmanship beginning on the date of project completion.

SUMMARY OF WORK – CUMBERLAND COUNTY DEPARTMENT OF PUBLIC HEALTH UPS REPLACEMENT

The work to be performed under this project consists of providing all labor, equipment, and materials necessary for the replacement of the Cumberland County Department of Public Health Uninterrupted Power Supply (UPS) located in the 3rd Floor Data Center.

Project Characteristics and Requirements:

- Removal of the existing UPS
- Installation of county specified UPS or County approved equivalent
- Testing and inspection of the new UPS

Project User Acceptance Criteria: The UPS must provide a minimum of 1 hour of emergency power to the existing loads. The UPS shall be installed in compliance with applicable codes and manufacturer specifications. The UPS shall be tested and inspected prior to acceptance.

Scope of work includes:

- The contractor shall verify **existing site conditions, dimensions, and UPS specifications** to ensure code compliance and successful integration.
- The contractor shall obtain all necessary permits and inspections from the AHJ (Authority Having Jurisdiction).
- The contractor shall coordinate all scheduling with the Cumberland County Health Department and Internal Services Department.
- The contractor shall complete all work within 3 calendar days of commencement.
- The contractor shall submit a written plan attached to this bid to effectively limit the duration of interruption for existing UPS loads and provided a not to exceed time for load interruption during the installation process.
- The contractor shall remove and dispose of the existing UPS including the battery cabinet.
- The contractor shall provide all necessary labor and materials to install a new basis of design **Schneider Electric Galaxy VS UPS Solution** or a like unit that matches the manufacturer's specifications below:
 - Power rating – 80kVA/kW
 - System input – 480V/3PH (3 wire + Ground)
 - System output – 120/208V/3PH (4 wire + Ground)
 - **Backup battery capacity – Minimum 23 minutes at full load**
- The contractor may reuse existing input conductors along with load side conductors and shall only install new wiring, if necessary, from the feeder disconnect to the UPS and from the UPS to the distribution panel in a workmanlike manner.
- The contractor shall submit equipment approval requests to the Internal Services Department prior to installation.
- The UPS installation shall comply with all applicable national, state, and local codes.
- The UPS shall be installed as a **separately derived system** in accordance with national, state, and local codes.
- The contractor shall test the UPS and verify expected operation and performance.
- The contractor shall have the UPS inspected and furnish related permit/inspection documents.

- The contractor shall be responsible for providing basic training to Cumberland County staff on the use and function of the UPS.
- The contractor shall provide factory start-up documentation of the UPS in order to verify all work has been completed to the degree necessary to satisfy the terms of the 60-month warranty.
- The contractor shall provide alternate bids for all of the above with additional battery capacity meeting the below requirements:
 - Alternate A: Backup battery capacity – **minimum 46 minutes at full load**
 - Alternate B: Backup battery capacity – **minimum 70 minutes at full load**

Additional clarifications

- The UPS installation includes the 80kVA Galaxy VS UPS 120/208-volt three phase output, includes Galaxy VS maintenance bypass cabinet with output transformer, 60-100kW 480V In, 208V out, and Lithium-ION batteries housed in full lockable enclosure
- **Permits and Licenses:** the contractor shall procure and pay all charges and fees for all permits and licenses incidental to the due and lawful prosecution of the work.
- **Construction Trash & Debris Removal:** During construction of the project, the contractor shall be responsible for the removal of any trash or debris created by his/her work to an approved disposal site. The site will be maintained in a clean condition at all times. Trash and debris from daily operations are to be stored in appropriate storage containers or trucks until removal to the disposal facility.
- All work must be completed within three calendar days of commencement.
- All equipment must be submitted for approval to Cumberland County prior to purchase.
- Project must be complete and turned over to Cumberland County prior to July 1, 2025.

BID

**TO CUMBERLAND COUNTY
NORTH CAROLINA**

The undersigned hereby signifies that it is _____

(his or her)

intention and purpose to enter into a contract to furnish labor, materials, equipment, apparatus, etc., as required and to do all the work necessary for

**REPLACEMENT OF UPS AT CUMBERLAND COUNTY DEPARTMENT OF PUBLIC
HEALTH**

as described in accordance with the terms of the Invitation for Bids and pursuant with the requirements of the Advertisement to bidders which are as follows:

THAT: The undersigned carefully examined the Invitation for Bids and understands them.

THAT: The undersigned carefully examined the site or sites of the project or projects and is familiar with the conditions under which the work, or any part of it, is to be done and the conditions which must be fulfilled in furnishing and/or erection or construction of any or all items of the project, and the furnishing only of any materials, equipment, or apparatus specified in connection therewith.

THAT: The undersigned will provide all necessary tools, machinery apparatus, and all means necessary to complete work as specified in the advertisement.

THAT: It is the intention of Cumberland County, North Carolina, subject to the conditions set forth, to issue a Purchase Order for the project on the basis of bids received at this letting and in such manner as they may decide as being in the best interests of the County.

THAT: The County reserves the right to reject any of all bids.

THAT: A bid made by a corporation must be signed by its proper officers in a legal manner and its official address stated herein.

THAT: A bid made by a firm shall be signed with the name of each member of said firm and the firm name added, with the official address of said firm.

THAT: The undersigned will complete such contract as is hereby proposed to enter into within the time stated in the notice to proceed and stipulated in the Contract.

THAT: The Bidder acknowledges receipt of the following Addendum(s):

THAT: The Contractor agrees to furnish all materials, labor, and equipment and to install complete in place the work in accordance with written scope of work set forth in and pursuant to all terms of the September 13, 2024, Invitation for Bids for Replacement of UPS at Cumberland County Department of Public Health attached hereto.:

| Description | QTY | Amount |
|---|------------|---------------|
| Replacement of UPS at Department of Public Health | 1 LS | _____ |
| Alternate A: Replacement of UPS with ~46 minute back-up battery capacity | 1 LS | _____ |
| Alternate B: Replacement of UPS with ~70 minute back-up battery capacity | 1 LS | _____ |
| Option to extend warranty to 120 months | 1 LS | _____ |

Total Bid (\$_____).

Submitted, this _____ day of _____, 2024.

CONTRACTOR

By: _____
(Signature of Person, Firm or Corporation making Bid)

(Seal - If Bid is by a Corporation) Title: _____

Attest: _____

Address: _____

License No. _____

Phone: _____