



August 27, 2026

INVITATION FOR BID

Sheriff's Training Center- Boiler & Pumps Replacement

Pursuant to Section 143-131 of the General Statutes of North Carolina, bids are solicited and will be received via email afarrakhan@cumberlandcountync.gov or by mail to the following address: 130 Gillespie Street Room 214, Fayetteville, NC 28301 at any time before **2:00 PM** on **Friday, September 11, 2026**.

A **mandatory site-visit** will be held on-site at 4710 Corporation Drive Fayetteville, NC 28306 at **10:30 AM** on **Friday September 4, 2026**.

Instructions: Vendors invited to submit bids are urged to have a representative present at the site visit and apprise 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.

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No bids may be withdrawn after the scheduled closing time for the receipt of bids for a period of sixty (60) days.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 **one (1) year warranty for parts and labor** on all materials and workmanship beginning on the date of project completion.

SUMMARY OF WORK – CUMBERLAND COUNTY Sheriff's Training Center- Boiler & Pumps Replacement

The work to be performed under this project consists of providing all labor, equipment, and materials necessary for the Sheriff's training center boiler and pumps replacement.

Scope of work includes:

- The Contractor shall furnish all labor, materials, equipment, permits, and supervision necessary to remove and dispose of existing boiler and pump(s), installation of new hot water boiler and 2 (two) hydronic pumps, tie equipment into existing electrical, piping, and stack, and all manufacturer required pre-operation flushing, equipment testing, and verification of operation.
- The Contractor shall ensure the removal and proper disposal of existing boiler and pump(s) in accordance with all Federal, State, and/or Local health, safety, and environmental mandates.
- Include all permits and inspection fees.
- The Contractor shall secure all required Cumberland County trade and building permits prior to commencing work.
- The Contractor shall ensure a manufacturer authorized service technician or installer, tests, starts up the new boiler, inspects for any deficiencies, and submits a written report detailing Startup Performance, combustion analysis, site conditions, confirmation and verification of proper manufacturer recommended installation, and clarification of any additional changes needed to the Owner.
- The Contractor shall ensure that all equipment shall be flushed prior to startup per the requirements of the water treatment company, water utility provider, and equipment manufacturer. Wash-out is not included.
- Start up shall include combustion analysis that is taken at different firing rates (25%, 50%, 75%, 100%) of the load. The report shall include the O₂, CO, Nox, and boiler efficiency as part of the written report submitted to the Owner.
- The Contractor shall ensure equipment integration into system controls currently installed on site.
- The Contractor shall ensure the following Commissioning requirements are met
 - a. Fireside Inspection
 - b. Set up fuel train and combustion air system
 - c. Set up operation set points, including integrating outdoor air sensor if required
 - d. Check all safeties for proper operation
 - e. Verify efficiencies across firing range
 - f. Verify burner turndown across firing range
- The Contractor shall ensure site is cleaned thoroughly, all construction debris and old equipment is removed, and all equipment operating manuals or specification sheets are given to the Owner.
- Contractor is responsible for verifying work at Prebid and ensuring no change order arises.
- Contractor shall be responsible for any damage occurred during construction.
- All work must be completed by appropriately licensed contractors holding valid credentials, including an NC H-2 License and/or a NC General Contractor License.

Additional clarifications

- **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.
- **Boiler Specifications:** The boiler installed must meet the following minimum specifications.
 - 1,800,000 Btu/Hr input, 1,530,000 Btu/Hr output.
 - ASME Copper Finned Heat Exchanger rated for 160 psi.
 - Fan-assisted combustion, 85% thermal efficiency
 - 50 psi ASME pressure relief valve
 - K,MRH&LGPS,CF
 - K,LWCO KIT,W/INSTALL COMPONENTS
- **Hydronic Pump(s) Specifications:** The hydronic pumps installed must meet the following minimum specifications.
 - Model e-1510, 1.25BC, SS, 2 HP, 1800 RPM, 145T Frame with 8" Impeller
 - STD-Buna/Carbon/Ceramic/SS/Bronze Seal,
 - Baldor, ODP, Nema Premium Efficient, 230/460v Motor, 62 gpm, 62 ft
 - Suction Diffuser Plus, DA-3X, 3" NPT x 1.5" NPT
 - Bell and Gossett 3DS-4B 4" Balanced Type Triple Duty Valve Straight Pattern
 - FC 102 VFD, 2HP, 460/3, NEMA 1 Vertical, Main Disconnect and Drive Fusing, 3 Contactor, EMB2 Bypass, 100kA SCCR
 - Hyfab Gauge Kit Includes Pressure Gauge, Piping, And Accessories, 0.25" Gauge Ports, 0-60psig Range, (HFGK-1510L & EA14B-PBF)
- **Preferred Brand Alternate:** There are two (2) Owner Preferred Brand Alternates for this project. Preferred Brand Alternate for the boiler is a Lochinvar Copper-Fin II natural gas boiler (model number **CHN1802-M9**). Owner Preferred Brand Alternate for the hydronic pump(s) is a Bell & Gossett e-Series base mounted pump (model number **e1510-1.25BC-145T-S**). Vendor shall indicate separate pricing for the preferred brand alternate below the base bid material and labor prices respectively in the appropriate area on the following bid sheet(s).
- **HVAC System Controls:** The Owner (Cumberland County) Contracts with Johnson Controls International PLC (JCI) who manage HVAC controls for all County facilities. The Contractor shall ensure that integration of new equipment is conducted in coordination with JCI's authorized representative(s).
- **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 always maintained in clean conditions. 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 sixty (60) calendar days of commencement of NTP.
- 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 December 1, 2026

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

**CUMBERLAND COUNTY Sheriff's Training Center- Boiler & Pumps
Replacement**

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 August 28, 2026, Invitation for Bids for Sheriff's Training Center- Boiler & Pumps Replacement attached hereto.:

Description	QTY	Amount
Base Bid Material	1 LS	_____
Labor	1 LS	_____
Alternate Bid Material	1 LS	_____
Alternate Labor	1 LS	_____
	1 LS	_____
		Base Bid Total (\$_____).
		Alternate Total (\$_____).

Submitted, this _____ day of _____, 2026.

CONTRACTOR

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

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

Attest: _____

Address: _____

License No. _____

Phone: _____