

TRIAD ENGINEERING CONSULTANTS, INC.

2638 Willard Dairy Rd
Suite 100
(336) 338-8943

Providing
Plumbing, Mechanical and
Electrical Engineering Services Since 1984

High Point, NC
27265
admin@TriadEngMEP.com

March 21, 2024

TEC File No: 2124
GCS Q#: 6627

TO: All Bidders

RE: Electrical Service Replacement for Andrews High School
High Point, NC

ADDENDUM No. 3:

Information contained in this Addendum and the changes directed in the project Plans and/or Specifications hereby become a part of the Contract. Bidders are instructed to acknowledge receipt of this addendum on the Bid Form. This addendum is posted to the shared project folder which is the official repository for communications related to the project. Each Bidder should ensure that all sub-bidders and suppliers have included the information contained in this addendum in their pricing. The Bid and contract documents are clarified and/or amended as follows:

GENERAL

1. See the attached Invitation to Bid for the new bid date.
2. Removal of the existing gear enclosure is deleted from the scope of this contract. The local AHJ has agreed that the enclosure may be used as a junction box for the feeders to existing panels provided all internal switches, buss bars, current transformers etc are removed and all openings are closed. Provide galvanized sheet metal cover plates for all openings that remain after removal of conduits, and components that leave openings in the covers. Cover plates shall be screw attached with at least 4 self-tapping screws per opening.
3. Alternate #3 is removed from the project as this work will not be required.
4. Liquidated damages are reduced from \$2,000/day for substantial completion, \$1,000/day for final completion to \$1,000/day for substantial completion and \$500/day for final completion.
5. Use the attached revised Bid Form (Rev 3/19/24) for placing a bid.

DRAWINGS

1. Sheet C: List of Drawings is modified to delete Sheet M1.0.
2. Sheet M1.0: This sheet is deleted from the set and all work depicted on this sheet is deleted from the scope of the project.

SPECIFICATIONS

No Modifications

END OF ADDENDUM

Attachments:

Invitation for Bid
Bid Form (Revised (3/19/24))

2pages
4 pages



INVITATION FOR BIDS

Q-6627

ELECTRICAL SERVICE REPLACEMENT FOR ANDREWS HIGH SCHOOL

1920 McGuinn Dr.
High Point, NC 27265

Informal Bids will be received by the Guilford County School System until **2:00 PM, Thursday March 14, 2024** to furnish all materials and labor for the project **Electrical Service Replacement for Andrews High School**. Bids must be submitted in person or by shipping carrier to 501 W. Washington Street, Greensboro, N.C. 27401. Include the words "**Confidential: Bid for Andrews High School**" on the outside of the envelope. E-mailed or faxed bids will not be accepted. Bids will be opened privately and a bid tabulation will be provided to all bidders after bids have been evaluated.

Plans, specifications, and contract documents will be available in electronic PDF format beginning **Thursday February 22, 2024** free of charge through the following project shared link:

<https://app.box.com/s/2cgowivn9jefqyth4zosjrryolibp8bl>

All official Bid Documents and addenda will be posted to this shared folder. Bidders are responsible for checking the linked folder for new or updated information up to the Bid Date. Once information is published in this link, it is pre-bid information that will be included in bid documents.

Paper copies of the complete document package can be purchased for **\$150** plus shipping costs through the offices of Triad Engineering Consultants, Inc. (336) 338-8943. Sets will be printed and shipped one business day after receipt of payment. Requests for printed packages shall include a check for the package cost and a "Bill To" shipping account number and must be received no later than **5:00 pm Wednesday March 6, 2024**.

Questions regarding the bid should be directed in writing to Triad Engineering Consultants, Inc at 2638 Willard Dairy Rd, Suite 100 High Point, NC 27265: or emailed to Admin@TriadEngMEP.com

Work in the project includes service modifications for two buildings: Demolish the existing service wireways, conductors, and the indoor 4,000 amp 208 volt main service switchboard in the Main Bldg. Disconnect the existing 2,000 amp 208 volt main service to the Mini-Gym Bldg and connect to a new utility transformer. Utility will remove two existing parallel 750 KVA transformers serving the Main Bldg. Demolish transformer pads, service conductors and main switchboard. Coordinate with the utility and provide new transformer pad, new service feeders from transformer to a new pad mounted exterior 3,000 amp main breaker distribution panel and re-feed existing feeders. A new 3,000 amp distribution panel in NEMA 3R enclosure for the Main Bldg is pre-purchased and furnished by Owner. Gear is located in Owner's warehouse. Some assembly of the new gear will be required. Load, transport to site, unload gear for installation and assemble on concrete pad. Provide new feeders from the new exterior panel to the indoor chiller and a 600 amp subpanel in the Mechanical Room, to two remote subpanels (600 amp and 1200 amp). Existing underslab feeders to the two remote subpanels will be reused and spliced to new feeders in the Electrical Room. Intercept underground feeders in the courtyard for two additional remote panels (800 amp and 1600 amp) and re-route the feeders from an existing underground vault to the new gear. Provide a new feeder to an existing ATS in the Electrical Room.

Locate and avoid underground utilities. Cut and patch concrete walks and chain link fencing as required for access. Construct reinforced concrete pad for new gear. Drain chilled water from building and demolish 8"

chilled water pipe drop to chiller to create clearance for removing cut-up sections of the old gear and transporting new wireways to the electrical room. Provide new chilled water pipe drop to chiller. Fill, vent, and re-treat building chilled water. All work under this contract is to be included in a Single Prime contract to the successful bidder.

A **mandatory prebid meeting** will be held at the site behind the gym building at **1:30 pm on Thursday February 29, 2024**. Park in the back lot between the Gym and the baseball field. Attendance at this meeting is required as a pre-requisite for bidding. Bids will be accepted only from Bidders attending the prebid meeting. Bidders must be properly licensed for the work in accordance with Section 87 of the North Carolina General Statutes.

A 5% Bid Bond and 100% Performance and Labor and Material Payment Bonds are required for this project. No bid may be withdrawn after the scheduled closing time for the receipt of bids for a period of 60 days.

E-Verify Requirements: This project requires the awarded vendor to comply with the requirements of E-Verify. (U.S. law requiring companies to employ only individuals who may legally work in the United States – either U.S. citizens, or foreign citizens who have the necessary authorization.)

Minority businesses are encouraged to submit bids for this project. The appropriate forms from the section entitled "Participation by Women and Minority Owned Businesses" must be submitted with each bid to show good faith efforts to obtain Minority and Women Owned Business Enterprise participation.

The Board of Education awards public contracts without regard to race, religion, color, creed, national origin, sex, age or handicapped condition as defined by North Carolina General Statutes, Section 168A-3.

The Board reserves the right to reject any or all bids presented and to waive any informalities and irregularities.

Guilford County Schools
Velicia Moore
Purchasing Director

BID FORM

Single Prime Contract –Informal Bid

Electrical Service Replacement for Andrews High School
1920 McGuinn Dr.
High Point, NC 27265

DATE: _____
TO: Guilford County School System
501 W. Washington Street
Greensboro, NC 27401

BIDDER (Company Name)

Addenda Received and Included in Bid Price: Nos. ____ through _____

Gentlemen:
The Undersigned, as bidder, declares that he has studied the project plan set, visited the site, and having a clear knowledge of the existing facilities and equipment and the conditions under which work must be performed, and having carefully examined the accompanying Contract Documents, proposes and agrees if this proposal is accepted, to furnish all labor, materials, equipment and services necessary to complete the entire work of the **Electrical Service Replacement for Andrews High School**.

COMPLETION OF THE WORK

If Undersigned is notified of Proposal acceptance, he agrees to execute a Contract within ten (10) days after issuance of notification of award, for the above work and for the below stated Compensation, in the form of AIA 104-2017 Standard Form of Agreement Between Owner and Contractor where the basis of payment is a Stipulated Sum.

STIPULATED SUM:

Note: All bid amounts must include applicable sales taxes.

BASE BID

The undersigned proposes to furnish labor, materials, equipment, sales taxes, shipping, fees, appliances, and allowances required by said documents for a stipulated sum of:

TOTAL BASE BID AMOUNT
_____ dollars.
\$ _____

SEE NEXT PAGE FOR ALTERNATE BIDS

ALTERNATES:

Alternate Bid prices are to reflect all costs required to add the scope of work described to the contract including taxes, transportation, mobilization, rental equipment, labor, bond, permit fees etc. Alternate Bids are required to be completed or the bid may be rejected as non-responsive.

Alternate #1: *Provide 16 foot lengths of (20) 600 KCMIL+ (4)350 KCMIL G Aluminum conductors. Connect one end to the lugs on the 1600 amp breaker in MSB. Connect the other ends to the existing 600 KCMIL +350 KCMIL G. Aluminum conductors in the electrical vault with insulated splicing lug kit. Cut and dress existing conductors as required. Provide lugs for connecting to MSB ground.*

Add _____

Alternate #2: *Provide 20 foot lengths of (12) 300 KCMIL +(3)1/0 G Copper conductors. Connect one end to the lugs on the 800 amp breaker in MSB. Connect the other ends to the existing 300 KCMIL + 1/0G Copper conductors in the electrical vault with insulated splicing lug kit. Cut and dress existing conductors as required. Provide lugs for connecting to MSB ground.*

Add _____

UNIT PRICING

Unit Prices shall include full compensation for all required labor, products, tools, equipment, plant, transportation, services and incidentals; erection, application or installation of an item of the Work; overhead and profit. Actual quantities will be determined on the site based on field conditions.

None

The Bidder proposes and agrees hereby to commence work under this contract (including all alternates that are accepted) on a date to be specified in a written order issued by the Owner or Designer on or before **April 16, 2024**, shall not disrupt the existing electrical service until **June 14**, shall substantially complete the work by **August 5, 2024**, shall not interrupt the electrical service thereafter; and shall achieve final completion of the project by **September 5, 2024**. The written order may be in the form of either a "Notice to Proceed" or the fully executed contract.

Liquidated damages will be \$1,000.00 per calendar day for each day late for Substantial Completion and \$500.00 per calendar day for Final Completion of the project.

SUBCONTRACTORS

The following major subcontractors will be used to perform work in their respective trades and their prices are included in the Bid Price. Enter information for all subcontract lines. **Enter N/A for those that are not applicable** (i.e. work that will be performed by the Bidder and/or there is no subcontract for that trade).

PLUMBING: _____

License #: _____

MECHANICAL: _____

License #: _____

ELECTRICAL: _____

License #: _____

GENERAL: _____

License #: _____

The undersigned further agrees that in the case of failure on his part to execute the said contract and bonds within ten (10) consecutive calendar days after written notice of the award of the contract being given, the certified check, cash, or bid bond accompanying this bid shall be paid into the funds of the Owner's account set aside for the project as liquidated damages for such failure. Otherwise, the certified check, cash or bid bond accompanying this bid shall be returned to the undersigned. Attach certified check, cash, or bid bond to this bid.

BIDDER (Company Name)

STATE OF INCORPORATION (If Company is a corporation)

SIGNATURE (By Signatory legally authorized to bind Company to a contract.)

SIGNATORY'S TITLE (Owner, Partner, President or Vice President)

Bidder's State Contractor License No. _____

Bidder's Federal I.D. No. _____

WITNESS (If company is a Proprietorship or Partnership)

By: _____

ATTEST (If company is a corporation)

By: _____

(CORPORATE SEAL)

Title: _____