

# TRIAD ENGINEERING CONSULTANTS, INC.

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Providing  
Plumbing, Mechanical and  
Electrical Engineering Services Since 1984

High Point, NC  
27265  
admin@TriadEngMEP.com

March 11, 2024

TEC File No: 2124  
GCS Q#: 6627

TO: All Bidders

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

## ADDENDUM No. 2:

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. Prior to demolition of existing utility transformers, tag and document with pictures the existing phase leg connections to panels and chiller. Coordinate with utility and Owner's personnel to verify phasing matches the previous connections. Ensure MSB service conductors are connected to the same utility leg as the old gear. Ensure that panel and gear feeder conductors are connected to the same leg as previously connected. Owner's personnel will verify correct rotation of chiller, pumps, and fan motors to ensure proper operation of equipment. Should phase legs be found mis-matched, remove splice lugs, switch appropriate conductors and re-make splice connections as required.
2. The demolition of the existing gear enclosure from the Electrical Room will be included in an alternate bid along with the chilled water piping work required to remove the gear. A new Bid Form listing Alternate 3 is attached to this addendum. Further clarifications regarding the scope of work in the Base Bid and Alternate 3 are listed below:
  - a. Under the **Base Bid**:
    - i. the existing gear will be demolished, but the enclosure will remain to be used as a junction box for splicing the new feeders to MDP-1 and MDP-2. The new wireways for splicing the feeder conductors shown on the drawings shall be provided at the splice points within the enclosure.
    - ii. Demolish all conduits and wireways that are not reused.
    - iii. All interior switches, buss bars, current transformers, etc are to be disassemble, cut as required, and removed from the enclosure and the site. Only the frame and enclosing panels on the existing concrete slab will remain.
    - iv. Provide new blank-offs for existing conduit and wireway openings that are not used for new circuits.
  - b. Alternate 3: Include demolition of the entire existing switchboard enclosure frame and panels from the Electrical Room as well as the chilled water piping modifications and associated work to drain the chilled water, remove the chilled water piping drop as required for access through the Mechanical Room door, reinstall the piping drop, refill and re-treat the chilled water system in the chilled water loop.
3. Use the attached revised Bid Form (Rev 3/11/24) for placing a bid.

DRAWINGS

No Modifications

SPECIFICATIONS

No Modifications

END OF ADDENDUM

Attachments:

Bid Form *Revised 3/11/24*

4 pages

# **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 \_\_\_\_\_

**Alternate #3:** *Demolish the existing MSB enclosure from the Electrical Room, drain the chilled water loop, remove the 8" diameter chilled water piping drop to allow access for demolition of equipment through the Mechanical Room Doors, reinstall and re-insulate the chilled water piping, re-fill and provide chemical treatment of the chilled water loop.*

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 maintain existing electrical service until June shall substantially complete the work by August 1, 2024 and shall maintain the electrical service in operation thereafter; and achieve final completion of the project by *August 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 \$2,000.00 per calendar day for each day late for Substantial Completion and \$1,000.00 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: \_\_\_\_\_