



OFFICE OF PROCUREMENT SERVICES
335 FOUR MILE ROAD
CONWAY, SC 29526-6005

AMENDMENT/ADDENDUM No. 1

Posting Date: Thursday, March 11, 2021

Solicitation Number: 2021-44VS

Description: GSFH Cooling Tower Replacement

ADDENDA: Addenda shall be issued prior to the bid opening date and time for the purposes of modifying or interpreting the Contract Documents through additions, deletions, clarifications or corrections. No addendum shall be issued later than four (4) days prior to the bid opening date except to a) withdraw the Invitation for Bids, or b) to postpone the bid opening date and time. When an addendum is issued for the purposes of postponing the bid opening date and time, the addendum shall establish the new bid opening date and time no earlier than five (5) days after the addendum issue date. Addenda shall be posted on the on-line bidding source(s) stated in the Invitation for Bids. A Bidder shall acknowledge receipt of all addenda issued by identifying the addendum number and the date of issuance with the Bidder's initials in the spaces provided on the Official Bid Form or the bid shall be found non-responsive in accordance with the District's Procurement Code. If this solicitation is amended, then all terms and conditions which are not modified remain unchanged.

INTERPRETATIONS AND CLARIFICATIONS: Requests for additional information or questions regarding error, omission or clarification of any portion of the Bid Documents or the Contract Documents or any addendum, shall be submitted in writing to the District Bid Contact Person stated in the Invitation for Bids by e-mail or facsimile no later than five (5) days prior to the bid opening date and time unless an earlier date is stated on the Invitation for Bids or as may be amended. Any interpretations, corrections, or changes to the Bid Documents or the Contract Documents made in any other manner than by a written addendum shall not be binding, and Bidders shall not rely upon them. Any information given a prospective Bidder concerning a solicitation will be furnished promptly to all other prospective bidders as an addendum to the solicitation, if that information is necessary for submitting offers of if the lack of it would be prejudicial to other prospective bidders. See clause entitled "Bidder Representations." We will not identify you in our answer to your question. The District seeks to permit maximum practicable competition. Bidders are urged to advise the Procurement Specialist – as soon as possible – regarding any aspect of this procurement, including any aspect of the solicitation that unnecessarily or inappropriately limits full and open competition.

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1. One alternate is being added to the bid. **DELETE** the *Official Bid Form*, and **REPLACE** with the *Official Bid Form Revised 3/11/2021* (attached).
 2. Under Alternate number 1, replace the existing Duplex Pump System with a new Duplex Pump System. Disconnect and reconnect existing piping, providing new fittings and piping as required to connect to the new pumping system. The system shall consist of two (2) pumps factory piped in parallel with 8" flanged headers. Each pump shall handle 700 GPM at 175 Ft. Total Dynamic Head, for a total system flow of 1,400 GPM at 175 Ft. TDH. Each pump motor shall be 40 HP, 480V/3PH with a Variable Speed Drive. The pumping package shall have a single-point electrical connection with the disconnect provided and installed by the manufacturer. Connect to existing power source. The entire pumping package shall be factory mounted on a 78 inch by 76 inch steel base.
 3. Refer to power wiring diagram to clarify scope of work associated with cooling tower replacement.
 4. Cooling tower shall be provided with 15KW basin heater.

5. CMI will provide separate variable speed drives for control of each cooling tower fan motor.
6. During the site visit, discussion was held regarding the existing underground storage tank. Attached are snapshots from the record drawings that show the tank location and piping. For bid purposes, the Contractor shall assume installing the bypass pipe as shown. The Contractor shall also assume that the piping connections shown are accessible. Include survey/investigative work necessary to identify the location of the tank in the bid price. Assume the piping connections to the tank are accessible without moving other equipment to access. Bypass pipe shall be 8" schedule 80 PVC.
7. Bid Opening Date has been changed to Thursday, March 18, 2021. Time remains the same.

All other Work required in the Contract Documents to remain as described.

HORRY COUNTY SCHOOLS

By: Robin Strickland, CPPB
Robin B. Strickland, CPPB
Procurement Officer

Digitally signed by Robin Strickland, CPPB
DN: cn=Robin Strickland, CPPB, o=Horry County
Schools, ou=Procurement Office,
email=rstrickland@horrycountyschools.net, c=US
Date: 2021.03.11 10:46:53 -05'00'

Attachments:

- Official Bid Form – Revised 3/11/2021
- Snapshots A & B
- Cooling Tower Wiring Diagram

OFFICIAL BID FORM

Revised 3/11/2021



BID NUMBER: 2021-44VS
PROJECT NAME: GSFH Cooling Tower Replacement

FULL COMPLETION OF THIS FORM IS MANDATORY FOR A BID TO BE CONSIDERED. (This Official Bid Form and all requested documentation shall be submitted through the website at the following URL <https://vrapp.vendorregistry.com/Bids/View/BidsList?BuyerId=2f302e8a-69b0-407b-a21a-3368d004365e>, mailed, expressed or hand delivered to the location(s) specified in the Invitation for Bids no later than the bid opening date and time, as may be amended by addendum.)

BASIC SUBMITTER INFORMATION:

Name of Submitting Company: _____
Mailing Address of Company: _____
Taxpayer Identification Number: _____
Qualifier's Name: _____ Phone Number: _____
Contractor's License Number: _____ Fax Number: _____
Contractor's Group Number: _____ Dollar Limitation of License: \$ _____
Email Address: _____
Company's Minority Status: Minority Owned Business Woman Owned Business Not Applicable
(Must be certified by the State of South Carolina and will be used for statistical purposes only. Check if State certified:)

ADDENDA ACKNOWLEDGEMENT: (Acknowledgement of all addenda issued is required.)

ADDENDA NO.	ADDENDA DATE	BIDDER'S INITIALS	ADDENDA NO.	ADDENDA DATE	BIDDER'S INITIALS
1	03/11/2021	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____

BID PRICING: Having carefully examined the Contract Documents with all corresponding terms, conditions, requirements, specifications, drawings, forms or other such descriptions of the work to be performed as well as the worksite and conditions affecting the work, the undersigned proposes to furnish all materials, labor, equipment and processes necessary for the base bid and bid alternates listed below. (Failure of the Bidder to bid any alternate listed shall render the bid non-responsive. Check box to indicate addition, reduction, or no change from base bid.) **Round all bids to the nearest dollar.**

BASE BID (Lump Sum): Provide all work as described in the Scope of Work and Narrative. (Include any allowances) Dollars: \$ _____

BID ALTERNATES:

1. Replace the existing condenser water pump package with new. No Change Add Deduct Dollars: \$ _____

(CAUTION: Bidders are required to include ALL costs in the above Base Bid and each Bid Alternate, if any. If the bid is accepted, the District will not contract for more than the amounts shown. The District reserves the right to accept bid alternates in any order or combination that serves its best interests and is within budget. If any numbers are illegible, the District's interpretation of the number is final.)

UNIT / INCREMENTAL PRICING: Unit pricing must be provided in the event a Change Order is necessary for the following types of work due to unforeseen circumstances. These unit prices shall be the installed price including all costs to the District. Unit costs shall not include bonding, overhead and profit, which shall be added at time of Change Order. The District reserves the right to negotiate any of the unit prices listed and, at the District's discretion, to use the same rates for deduct work under a Change Order.

NONE

SUBCONTRACTOR DISCLOSURE: As stipulated in the Bid Instructions, subcontractors who shall perform the trades listed below must be identified. When the Bidder intends to perform any trade listed with the Bidder's own forces, the Bidder shall be named in the place of any subcontractor required to be listed. Listing any subcontractor that does not meet the qualifications stated in the Bid Instructions or does not meet the licensing requirements of the State of South Carolina shall render the bid non-responsive.

Base Bid:

TRADE

SUBCONTRACTING COMPANY NAME

LICENSE NUMBER

Electrical

Alternate #1:

TRADE

SUBCONTRACTING COMPANY NAME

LICENSE NUMBER

Electrical

CONFLICTS OF INTEREST IDENTIFICATION: Identify any employee, agent or representative of the Architect/Engineer or District (including members of the Horry County Board of Education) with more than a five percent (5%) interest in the Contractor's business. Not applicable

Names: _____

Identify any employee, agent or representative of the Architect/Engineer or District (including members of the Horry County Board of Education) that will be subcontracting any work for the project. Not applicable

Names: _____

ACKNOWLEDGEMENT:

1. Have you clearly listed any deviations from the requested specifications and fully explained such deviations? Yes No N/A – No Deviations

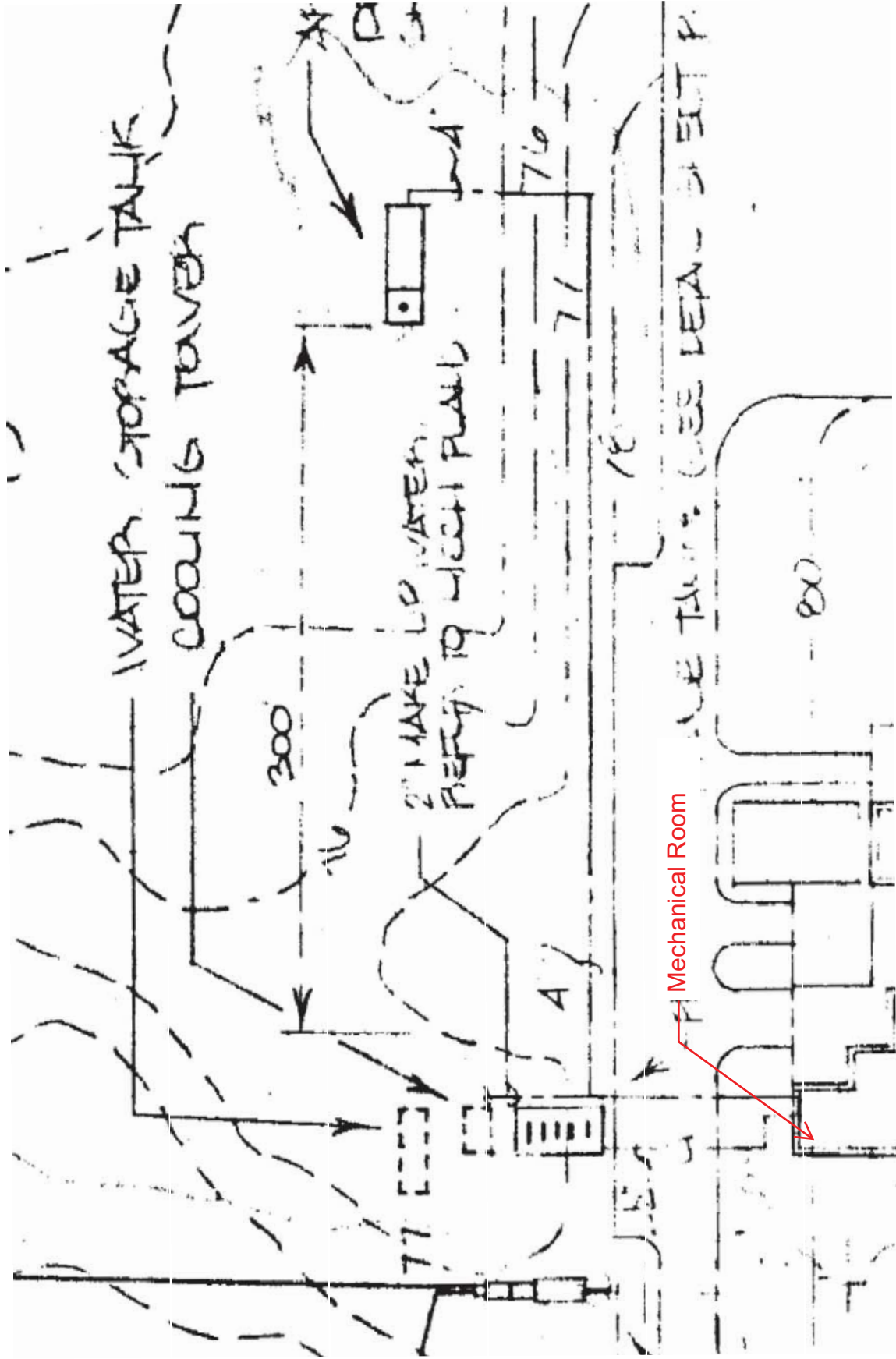
BID CERTIFICATION: I, the undersigned, certify that I am an authorized signatory for the bidding company identified in this bid form with authority to submit bids and obligate the company to a contract for the work identified in the Contract Documents provided by Horry County Schools. I have read and fully understand the Contract Documents such that I have full knowledge of all of the work to be performed and the terms, conditions, and requirements the company I represent must comply with if a contract is awarded. I further understand that the bidding company I represent must comply with all applicable local, state and federal laws related to the work to be performed and to the payment of subcontractors. I certify that the information included on this form or as attached supplementary information is true and accurate to the best of my knowledge, understanding, and belief. I understand that misrepresentation of any information on this form shall result in the bid being considered non-responsive.

BIDDER:	NOTARY:	CORPORATE SEAL:
Name & Title of Authorized Signatory:	State of: _____ County of: _____ Subscribed and sworn to before me on this date:	
Signature: _____	Signature: _____	
	My Commission Expires: _____	

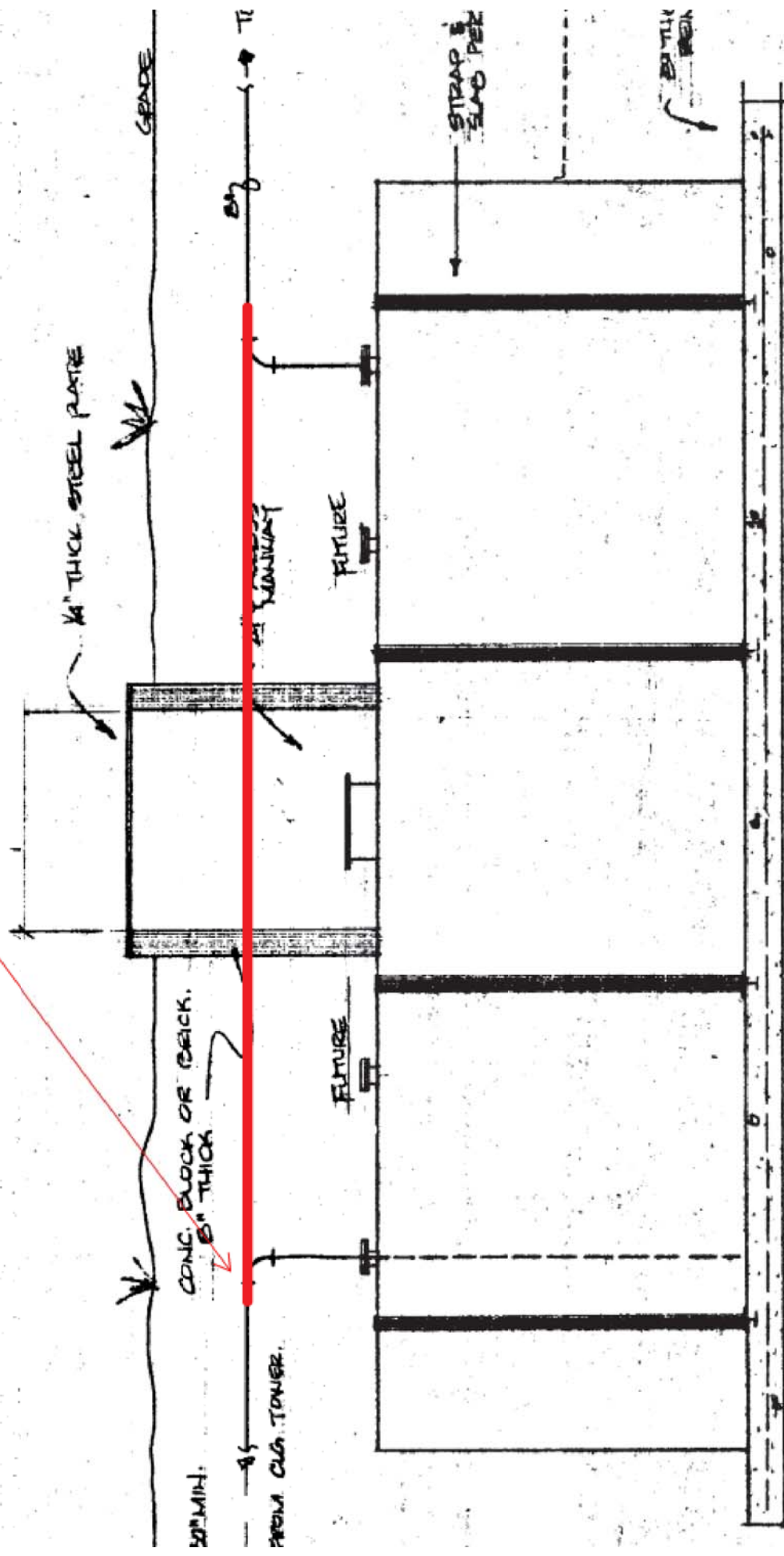
REMINDER: The following documents must be submitted with this *Official Bid Form*.

1. A fully executed *Bid Bond*, including power of attorney, or other approved security.
2. Other documents as checked and identified below:

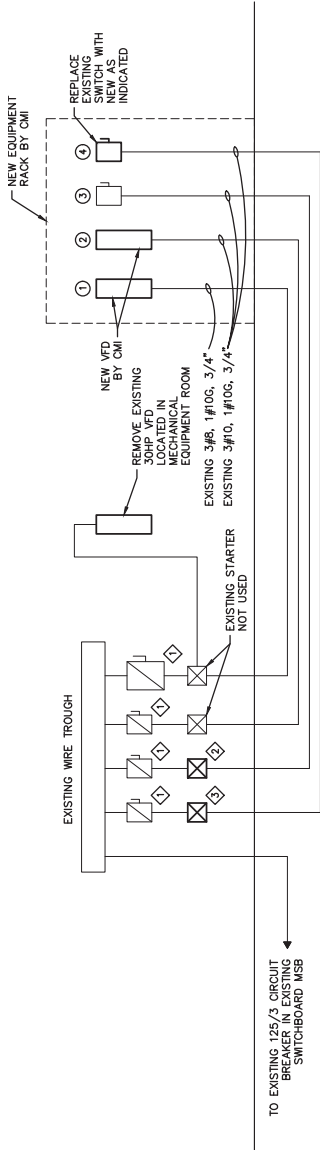
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REMOVE ELBOWS AND INSTALL
BYPASS ACROSS TANK. CAP
EXISTING RUNOUTS TO TANK.
FILL TANK WITH SLURRY.



STORAGE TANK DETAIL
SCALE: NONE.



1 COOLING TOWER WIRING DIAGRAM

NOT TO SCALE

NOTES:

- ① REPLACE EXISTING FUSES WITH NEW AS REQUIRED.
- ② REPLACE EXISTING MOTOR STARTER WITH NEW AS REQUIRED FOR NEW 7.5 HP PUMP.
- ③ REPLACE EXISTING HEATER CONTACTOR WITH NEW 30AMP CONTACTOR.

EQUIPMENT CONNECTION SCHEDULE

SYM.	EQUIPMENT	LOAD	VOLT/ PHASE	DISCONNECT			CONDUCTORS	RACEWAY		NOTES
				TYPE	RATING	POLES		TRIP/FUSE ENCL.	TYPE	
①	FAN	15HP	480/3	BUILT INTO VFD BY CMI			3#10, 1#10G	LPMC	3/4"	
②	FAN	15HP	480/3	BUILT INTO VFD BY CMI			3#10, 1#10G	LPMC	3/4"	
③	PUMP	7.5HP	480/3	EXISTING 30/3 DISCONNECT SWITCH			3#10, 1#10G	LPMC	3/4"	
④	BASIN HEATER	15KW	480/3	NFDS	30A	3R	3#10, 1#10G	LPMC	3/4"	

LEGEND

DISCONNECT TYPES
 ETGB = ELECTRONIC-TRIP CIRCUIT BREAKER
 FDS = FUSIBLE DISCONNECT SWITCH
 MCP = MOTOR CIRCUIT PROTECTOR SWITCH
 NFD = NON-FUSIBLE DISCONNECT SWITCH
 STDS = THERMAL-STARTER/DISCONNECT SWITCH
 TMGB = THERMAL-MAGNETIC CIRCUIT BREAKER
 TOG = HP RATED TOGGLE SWITCH

RACEWAY TYPES
 CFWR = COMBINATION FULL VOLTAGE, NONREVERSING
 LPMC = LUMENESCENT POLYMER CONDUIT
 LPLC = LUMENESCENT POLYMER CONDUIT
 LPLC-AUTO = LUMENESCENT POLYMER CONDUIT WITH AUTO
 RPL = RED PILOT LIGHT
 AUX = AUXILIARY CONTACTS (2 N.O., 1 N.C.)
 CT50 = 50 VA CONTROL TRANSFORMER

DISCONNECT ENCLOSURE TYPES
 1 = NEMA 1 ENCLOSURE
 3R = NEMA 3R ENCLOSURE
 4 = NEMA 4 ENCLOSURE
 4X = NEMA 4X ENCLOSURE
 FPN = FUSE PER NAMEPLATE

RACEWAY TYPES
 EMT = ELECTRIC METALLIC TUBING
 FMC = FLEXIBLE METAL CONDUIT
 IMC = INTERMEDIATE METAL CONDUIT
 LPMC = LUMENESCENT POLYMER CONDUIT
 LPLC = LUMENESCENT POLYMER CONDUIT
 RMC = RIGID METAL CONDUIT

NOTES

ALL ELECTRICAL CHARACTERISTICS SCHEDULED ABOVE ARE BASED ON INFORMATION AVAILABLE AT THE TIME OF DESIGN. ELECTRICAL CONTRACTOR SHALL VERIFY ELECTRICAL CHARACTERISTICS OF ALL EQUIPMENT AND RACEWAY TYPES AND LOCATIONS. CONTRACTOR SHALL VERIFY EXISTING AND SCHEDULED EQUIPMENT SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER IN WRITING PRIOR TO PROCEEDING.

CONDUCTORS AND RACEWAY SPECIFIED IN THE ABOVE SCHEDULE ARE FOR FINAL CONNECTION TO UNIT AND SHALL BE EXTENDED FROM THE DISCONNECT SHOWN ON THE FLOOR PLANS TO THE EQUIPMENT TERMINATION BOX.

CONDUIT AND BOXES REQUIRED FOR EQUIPMENT CONNECTIONS SHALL BE INSTALLED IN SUCH A WAY AS TO NOT COVER UP EQUIPMENT NAMEPLATES, SERVICE AREAS, AIR FLOW AREAS, ETC.