

TOWN OF WAKE FOREST

REQUEST FOR BIDS

DISTRIBUTION TRANSFORMERS

BID NUMBER # 0006-2023

DUE DATE/TIME: 2/2/24 @ 11:00 A.M.

INSTRUCTIONS TO BIDDERS

- 1-) All bids must be returned in a **sealed envelope marked Bid # 0006-2023 – Distribution Transformers** by **11:00 a.m. on Friday, February 2, 2024** to the address below where at that time and location they will publicly opened and read aloud.

Town of Wake Forest
Purchasing Division
234 Friendship Chapel Road
Wake Forest, NC 27587
Attn: Randy Driver, Purchasing Manager

- 2-) Unless stated otherwise all transformers are to be new, of the latest make and model manufactured and will include all basic equipment required for the proper operation of the transformer requested.
- 3-) All bids/quotes are to be quoted **FOB DELIVERED** to the Town Warehouse located at 234 Friendship Chapel Road, Wake Forest, N. C.
- 4-) All transformers are to be high-side rated 13,200 volts for use on a 22,860/13,200 volt system.
- 5-) Unless stated otherwise all awards will be made on the **TOTAL OWNERSHIP COST**, based on the following Electricities of NC Total Ownership Cost Formula:

Transformers rated at less than 100 KVA

TOC = Unit Cost + (\$5.00 * No Load Loss) + (\$1.90 * Full Load Loss)

Transformers rated at 100 KVA and higher

TOC = Unit Cost + (\$5.00 * No Load Loss) + (\$2.60 * Full Load Loss)

Delivery Time will also factor into the award.

- 6-) All bids/quotes are to be submitted on this form only, vendor forms may be sent in addition to this form.
- 7-) All submissions from companies that have never conducted business with the Town of Wake Forest before, must list three U.S. references with contact names and numbers that are using transformers that are similar to the ones in this bid.
- 8-) Any orders that are placed from this bid that are over 30 days late may be cancelled by the Town of Wake Forest without penalty.
- 9-) Please list any exceptions to the bid specifications on a separate sheet marked "Exceptions."

- 10-) The Town of Wake Forest reserves the right to add or subtract to the quantities stated in this bid.
- 11-) The Town of Wake Forest reserves the right to reject any or all bids as submitted and to make any such award that is in the best interest of the Town of Wake Forest.

SPECIFICATIONS

DISTRIBUTION TRANSFORMERS-UNDERGROUND, PAD-MOUNTED **SINGLE PHASE**

- *Rated 13,200 Volts for use on a 22,860/13,200 Volt Grounded Wye Electric System
- *Oil Filled
- *Primary Loop Feed
- *Dead Front Design
- *65 Degree C Rise, 60 Hertz
- *Two (2) High Voltage Universal Bushing Wells
- *Low Voltage Threaded Stud Bushings
- *High Voltage "Bayonet" Fusing
- *Low Voltage Breaker
- *No High Voltage Taps
- *Lifting Bolts
- *Padlock Provisions
- *Penta Head Captive Bolt
- *Tamper Proofing Guards
- *Accessory Parking Stand (High Voltage), Two (2)
- *Automatic Pressure Relief Valve with Internal Fault Indicator
- *Low Voltage Grounding Provisions
- *Tank Ground Provisions
- *Oil Fill/Level Plug
- *Oil Drain Plug
- *Name Plate
- *Non-PCB with "Non-PCB" Sticker
- *KVA Rating Listed on Side of Transformers in Numbers
Not Less than One-Inch (1") in Height
- *Delivered on wooden pallet

PROPOSAL

Distribution Transformer, Single Phase, Pad-Mounted

ITEM	QTY	KVA	UNIT PRICE	NO LOAD LOSS	FULL LOAD LOSS	EXT'D PRICE	TOC*	DEL
A-	10	25 KVA 120/240						
B-	25	100 KVA 120/240						
C-	25	167 KVA 120/240						
D-								
E-								

VENDOR

PHONE NO

SIGNATURE

PRINTED NAME

EMAIL ADDRESS