

PUBLIC NOTICE
INVITATION TO BID #1256

The Springfield Electric Department will be accepting sealed bids for:

Three-Phase Pad-Mount Distribution Transformers

Two (2) Pad-mounted Distribution Transformers, 300 kVA

Two (2) Pad-mounted Distribution Transformers, 500 kVA

Two (2) Pad-mounted Distribution Transformers, 750 kVA

Specifications and bid requirements may be downloaded at www.springfieldtn.gov. Please contact Sandy Vallejo at (931) 217-3138 with questions. Please reference **BID NUMBER 1256** on the outside of the sealed envelope. **Sealed** bids must be received in the Office of the City Recorder, 405 N. Main Street Springfield, TN 37172 by 2:00 PM local time, Wednesday, September 6, 2023.

The City reserves the right to reject any or all bids.

Lisa H. Crockett
City Recorder

BID INFORMATION FORM FOR:

Three-Phase Pad Mount Distribution Transformers 300kVa, 500kVA, 750kVa

Bid #1256 - Opening Wednesday, September 6, 2023 at 2:00PM CST

Please fill out this form and submit with any other bid information you wish to include.

COMPANY NAME	
QUANTITY	
PRICE PER ITEM	
TOTAL PRICE	
DELIVERY	
OTHER	

The City of Springfield reserves the right to reject any and all bids.

GENERAL SPECIFICATIONS

Two (2) each – Pad mount distribution transformer, **300 kVA**, 3-phase, 60 HZ, 95 BIL, and average temperature winding rise to 65 degrees C. The transformer shall include the following:

- a. **300 kVA** rated
- b. 3-phase, 60 Hz
- c. Self-cooling, OA (Liquid filled)
- d. Primary (High Voltage) rated at 13,200Y/7,620 Volts, Wye-connected with neutral available and taps 2-2½% above and 2-2½% below.
- e. Secondary (Low Voltage) rated at **208Y/120** Volt, Wye-connected with neutral available
- f. Impedance of approximately 5%
- g. Loop feed
- h. Dead front

SPECIAL FEATURES

- a. Internal high-side fuse protection
- b. 200 Amp HV busing wells and inserts
- c. 10-hole blade (supported) LV bushings and neutral
- d. Housing with removable sill and compartment doors

SPECIAL ACCESSORIES

- a. Drain valve with sampler
- b. Diagrammatic stainless steel name plate

MISCELLANEOUS

- a. Unless specified refer to either NEMA or ANSI standards.
- b. One primer and two finish coats of paint to be applied to all exterior metal surfaces.
- c. Manufacturer recommended oil shall be shipped in the transformer and shall be included in the purchase price of the transformer.
- d. Secondary cabinet dimensions to be 30" wide x 30" deep.
- e. Primary cabinet dimensions to be 36" wide x 30" deep.
- f. Color shall be standard green
- g. Specify no-load losses, full-load losses, and impedance for all units.
- h. kVA, Primary and Secondary voltages shall be painted on front of transformer.
- i. "Warning" and "Non-PCB" stickers to be applied at factory.

TESTING

Factory tests and checks are to be performed on all materials and equipment furnished. All tests are to be given per ANSI standards, and are to include the following specified tests:

- a. Ratio
- b. Polarity
- c. Core loss
- d. Exciting Current
- e. Applied Potential and Induced Potential
- f. Impulse test
- g. Noise level – to be in accordance with NEMA standards.

GENERAL SPECIFICATIONS

Two (2) each – Pad mount distribution transformer, **500 kVA**, 3-phase, 60 HZ, 95 BIL, and average temperature winding rise to 65 degrees C. The transformer shall include the following:

- a. **500 kVA** rated
- b. 3-phase, 60 Hz
- c. Self-cooling, OA (Liquid filled)
- d. Primary (High Voltage) rated at 13,200Y/7,620 Volts, Wye-connected with neutral available and taps 2-2½% above and 2-2½% below.
- e. Secondary (Low Voltage) rated at **208Y/120** Volt, Wye-connected with neutral available
- f. Impedance of approximately 5%
- g. Loop feed
- h. Dead front

SPECIAL FEATURES

- a. Internal high-side fuse protection
- b. 200 Amp HV busing wells and inserts
- c. 10-hole blade (supported) LV bushings and neutral
- d. Housing with removable sill and compartment doors

SPECIAL ACCESSORIES

- a. Drain valve with sampler
- b. Diagrammatic stainless steel name plate

MISCELLANEOUS

- a. Unless specified refer to either NEMA or ANSI standards.
- b. One primer and two finish coats of paint to be applied to all exterior metal surfaces.
- c. Manufacturer recommended oil shall be shipped in the transformer and shall be included in the purchase price of the transformer.
- d. Secondary cabinet dimensions to be 30" wide x 30" deep.
- e. Primary cabinet dimensions to be 36" wide x 30" deep.
- f. Color shall be standard green
- g. Specify no-load losses, full-load losses, and impedance for all units.
- h. kVA, Primary and Secondary voltages shall be painted on front of transformer.
- i. "Warning" and "Non-PCB" stickers to be applied at factory.

TESTING

Factory tests and checks are to be performed on all materials and equipment furnished. All tests are to be given per ANSI standards, and are to include the following specified tests:

- a. Ratio
- b. Polarity
- c. Core loss
- d. Exciting Current
- e. Applied Potential and Induced Potential
- f. Impulse test
- g. Noise level – to be in accordance with NEMA standards.

GENERAL SPECIFICATIONS

Two (2) each – Pad mount distribution transformer, **750 kVA**, 3-phase, 60 HZ, 95 BIL, and average temperature winding rise to 65 degrees C. The transformer shall include the following:

- a. **750 kVA** rated
- b. 3-phase, 60 Hz
- c. Self-cooling, OA (Liquid filled)
- d. Primary (High Voltage) rated at 13,200Y/7,620 Volts, Wye-connected with neutral available and taps 2-2½% above and 2-2½% below.
- e. Secondary (Low Voltage) rated at **208Y/120** Volt, Wye-connected with neutral available
- f. Impedance of approximately 5%
- g. Loop feed
- h. Dead front

SPECIAL FEATURES

- a. Internal high-side fuse protection
- b. 200 Amp HV busing wells and inserts
- c. 10-hole blade (supported) LV bushings and neutral
- d. Housing with removable sill and compartment doors

SPECIAL ACCESSORIES

- a. Drain valve with sampler
- b. Diagrammatic stainless steel name plate

MISCELLANEOUS

- a. Unless specified refer to either NEMA or ANSI standards.
- b. One primer and two finish coats of paint to be applied to all exterior metal surfaces.
- c. Manufacturer recommended oil shall be shipped in the transformer and shall be included in the purchase price of the transformer.
- d. Secondary cabinet dimensions to be 30" wide x 30" deep.
- e. Primary cabinet dimensions to be 36" wide x 30" deep.
- f. Color shall be standard green
- g. Specify no-load losses, full-load losses, and impedance for all units.
- h. kVA, Primary and Secondary voltages shall be painted on front of transformer.
- i. "Warning" and "Non-PCB" stickers to be applied at factory.

TESTING

Factory tests and checks are to be performed on all materials and equipment furnished. All tests are to be given per ANSI standards, and are to include the following specified tests:

- a. Ratio
- b. Polarity
- c. Core loss
- d. Exciting Current
- e. Applied Potential and Induced Potential
- f. Impulse test
- g. Noise level – to be in accordance with NEMA standards.

IRAN DIVESTMENT ACT NOTICE

Tenn. Code Ann. § 12-12-106 requires the chief procurement officer to publish, using credible information freely available to the public, a list of persons it determines engage in investment activities in Iran, as described in § 12-12-105.

For these purposes, the State intends to use the attached list of “Entities determined to be non-responsive bidders/offers pursuant to the New York State Iran Divestment Act of 2012.”

While inclusion on this list would make a person ineligible to contract with the state of Tennessee, if a person ceases its engagement in investment activities in Iran, it may be removed from the list.

If you feel as though you have been erroneously included on this list please contact the Central Procurement Office at CPO.Website@tn.gov.

List Date: May 4, 2022

Source: <https://www.ogs.ny.gov/iran-divestment-act-2012>

1. Ak Makina, Ltd.
2. Amona
3. Bank Markazi Iran
(Central Bank of Iran)
4. Bank Mellat
5. Bank Melli Iran
6. Bank Saderat Iran
7. Bank Sepah
8. Bank Tejarat
9. China Precision Machinery
Import- Export Corporation
(CPMIEC)
10. ChinaOil (China National United
Oil Corporation)
11. China National Offshore Oil
Corporation (CNOOC)
12. China National Petroleum
Corporation (CNPC)
13. Indian Oil Corporation
14. Kingdream PLC
15. Naftiran Intertrade Co. (NICO)
16. National Iranian Tanker Co.
(NITC)
17. Oil and Natural Gas Corporation
(ONGC)
18. Oil India, Ltd.
19. Persia International Bank
20. Petroleos de Venezuela
(PDVSA Petróleo, SA)
21. PetroChina Co., Ltd.
22. Petronet LNG, Ltd.
23. Sameh Afzar Tajak Co. (SATCO)
24. Shandong FIN CNC Machine
Co., Ltd.
25. Sinohydro Co., Ltd.
26. Sinopec Corp. (China
Petroleum & Chemical
Corporation)
27. SKS Ventures
28. SK Energy Co., Ltd.
29. Som Petrol AS
30. Unipet (China International
United Petroleum & Chemicals
Co., Ltd.)
31. Zhuhai Zhenrong Co.

IRAN DIVESTMENT ACT

“By the submission of this bid, each bidder and each person signing on behalf of any bidder certifies, and in the case of a joint bid each thereto certifies as to its own organization, under penalty of perjury, that to the best of its knowledge and belief that each bidder is not a person included within the list created pursuant to § 12-12-106.”

Signature: _____

Date: _____

Title: _____