

Memorandum



To: Mayor and Town Council
From: David Lucore, Electric Systems Manager, ElectriCities of NC, Inc.
Date: 9/12/2023
Re: **Award of Purchase of Pad Mounted Transformers for the Coventry Project**

Overview:

The Coventry project includes 166 single family homes that will require a quantity of 21, 50 KVA and 1, 75 KVA pad mounted transformers.

Staff solicited formal bids, according to NCGS § 143-129, for a quantity of 21, 50 KVA and 1, 75 KVA single-phase pad mounted transformers with a bid opening on June 27, 2023. There were no bids received.

Staff again solicited formal bids for the above-mentioned transformers with a bid opening on August 29, 2023. There was one bid received before the deadline of 10 am from JST Power Equipment and it met all the specifications of the solicitation. Another bid was received at 12 PM and was rejected and returned to the sender unopened.

The price quoted for each of the 21 - 50 KVA transformers was \$9,168 for a total cost of \$192,528.

The price quoted for the 1 - 75 KVA transformer was \$10,861.

The total price quoted was \$203,389.

Attachments: Notice and Instructions to Bidders consisting of 1 page, and JST Power Equipment bid consisting of 2 pages.

Recommendation: Staff recommends that Council approve the award of the purchase of these transformers to JST Power Equipment in the amount of \$203,389.00. There are sufficient funds available in the FY24 capital budget for this expense.

Procedure:

ELECTRIC DISTRIBUTION TRANSFORMER SOLICITATION

NOTICE AND INSTRUCTIONS TO BIDDERS

ElectriCities of NC, Inc.
David E. Lucore, Electric Systems Manager
(704) 659-7375
On Behalf of the
Town of Pineville, NC

Bids are being sought by ElectriCities of NC, Inc. on behalf of the town of Pineville, NC for the furnishing of electric distribution pad-mounted transformers for the **Coventry Project** included as specified in the bid package. This is a **sealed formal bid** according to NCGS § 143-129.

A bid package may be obtained by e-mail request to dlucore@electricities.org.

You may mail your bid or hand deliver to: **ElectriCities of NC, Inc., Town of Pineville, NC, 505 Main Street, Pineville, NC 28134, ATTN: David Lucore with Electric Distribution Transformer Bid Enclosed** indicated on outside of envelope.

Bid(s) must be returned on the attached proposal sheet showing unit prices fully extended and the proposal page completed in its entirety by **Tuesday, August 29, 2023, at 10 AM**. Bidder will be required to comply with all applicable statutes and regulations. Bidder is responsible for the timely delivery of their bid before the deadline. **All bids received after this time will be immediately rejected and returned to the bidder unopened.**

A public bid opening will be held at **10 AM EST on Tuesday, August 29, 2023**, at the Town of Pineville Town Hall Conference Room, located at 505 Main Street, Pineville, NC 28134. At this time, the bids will be opened and read publicly.

Equipment must meet all specifications and be the kind and type specified, or an approved equivalent. Price quoted must be based on delivery to Pineville, North Carolina. Quoted price(s) should not include any sales or usage taxes but should reflect the actual bid price of the materials including freight.

All bids must be valid for 90 days after the date of the bid opening pending Council approval and award of bid.

ElectriCities of NC, Inc. and the Town of Pineville, reserve the right to reject any and/or all bids received, and to select the bid which is in the best overall interest of the Town of Pineville. Awards will be based upon the lowest cost, most responsive bidder.

All bids shall include delivery time. Incomplete bids or those lacking the required information will be rejected if a fair determination of the product cannot be determined at the discretion of ElectriCities of NC, Inc.

PROPOSAL

TO TOWN MANAGER AND TOWN COUNCIL
TOWN OF PINEVILLE, NORTH CAROLINA 28134

The undersigned, as bidder, hereby declares that this proposal is made without connection with any other person, company, or parties making a similar bid or proposal, and that the proposal is in all respects fair and in good faith, without collusion or fraud.

The bidder has carefully examined the annexed form of specifications and instructions to bidders and hereby declares that he will furnish the equipment called for in the manner prescribed in the specifications and instructions to bidders for the following price:

Item #	ITEM DESCRIPTION	QTY	Unit Price	Total Price	DELIVERY TIME
1	Transformer, 50 KVA, Single-Phase Pad	21	9,168	192,528	30 weeks
2	Transformer, 75 KVA, Single-Phase Pad	1	10,861	10,861	30 weeks

Name of Firm Submitting Proposal: JST Power Equipment

30 Skyline Drive Lake Mary, Florida
Firm Address 32746 Telephone Number 1-844-631-9046

Jason Lambert
Printed Name of Firm Representative

Jason Lambert
Signature of Representative

j.lambert@jstpower.com
Email Address

Quotation # Q-Oil-LM-Rev.A-2239-Town of Pineville(Single Phase Pad)

Customer: own of Pineville

Project: Single Phase Pad

Spec. No: Coventry Project - Transformers Notice and Instructions to Bidders 2023-06-27



Description	50kVA-12470GrdY/7200-240/120V	75kVA-12470GrdY/7200-240/120V
Type	oil-filled, compartmental-type, loop feed, outdoor padmounted transformer	oil-filled, compartmental-type, loop feed, outdoor padmounted transformer
Reference standard	IEEE/ANSI	IEEE/ANSI
Quantity	21	1
Rated Power (kVA)	50kVA	75kVA
Location	Outdoor	Outdoor
Ambient Temperature (°C)	-20°C to +40°C	-20°C to +40°C
Altitude	≤1500m	≤1500m
Cooling system	ONAN	ONAN
Winding Conductor	AL	AL
Phase	single phase	single phase
Number of Winding	1	1
Frequency (Hz)	60	60
Temperature Rise (Deg C / K)	65°C	65°C
Type of oil	Mineral oil	Mineral oil
Primary Voltage Un (kV)	12.47GrdY/7.2	12.47GrdY/7.2
Primary Insulation (AC /BIL) (kV)	150	150
Primary Taps	(+2, -2)×2.5%	(+2, -2)×2.5%
Secondary Voltage Un (V)	240/120	240/120
Secondary Connection	Grounded	Grounded
Impedance	2.5%-5.75% / subject to IEEE Std	2.5%-5.75% / subject to IEEE Std
Efficiency Value / Standard	DOE	DOE
Construction	padmounted	padmounted
No-load losses(W)	118	155
Load losses(W)	472	670
Enclosure classification	Transformer shall be capable of carrying loads within limits established in accordance with ANSI C57 and NEMA loading guides.	
Accessories	1) Lifting lug	1) Lifting lug
	2) Hinged door	2) Hinged door
	3) Parking stand bracket	3) Parking stand bracket
	4) LV bushing	4) LV bushing
	5) Pressure relief valve	5) Pressure relief valve
	6) Drain valve	6) Drain valve
	8) Ground bar	8) Ground bar
	9) Oil fill valve	9) Oil fill valve
	10) Nameplate	10) Nameplate
	11) Bayonet fuse	11) Bayonet fuse
	12) Tap Charger	12) Tap Charger
	13) HV bushing wells	13) HV bushing wells
	14) Pressure vacuum gauge	14) Pressure vacuum gauge
	Factory Acceptance Tests	1) Routine tests.
2) Sound level test for 1st unit.		2) Sound level test for 1st unit.

Unit Price	\$9,168	\$10,861
Total Price (DDP-Pineville, North Carolina)	\$203,389	

Enclosure approximate dimensions (inch) W*D*H	36*38.5*31.3	36*39.77*31.2
Estimated weight of the transformer (lbs)	1215	1387
Production time (after the drawing is approved)	30 weeks	

COMMENTS, CLARIFICATIONS & EXCEPTIONS:

- The offered price of equipment includes pad mounted oil filled transformer, and above accessories and routine test cost only, other accessories and type test cost (such as impulse, sound level, temperature rise and short circuit etc.) are not included in the quotation.
- The weight and dimensions are based on initial calculation only, the actual values shall be determined upon final design. JST reserves the right to adjust any parameter if necessary.
- JST would require advanced notice equivalent to Manufacturing Lead Time + Shipping time for any change in delivery schedule or cancellation.
- The units proposed are covered by JST's terms and conditions of sale.
- Spare parts and installation cost are not included. Field service and field testing is not included.
- This offer is based on the delivery time within 12 months.
- Freight cost includes delivery of transformers to the site on flatbed trailers at a mutually agreed to time and date. Offloading time allowed per truck is 2 hours, and any extra time may be charged at \$150 per hour.

DRAWINGS: To be provided within 8 weeks after receipt of Purchase Order.

VALIDITY OF THIS OFFER:

This quote is valid for 30 days. Please reconfirm price 30 days after the date of this quotation.

SUPPLIED BY:

J. Exposito

DATE:

8/23/2023