

CITY OF HIGH POINT AGENDA ITEM



Title: 225kVA Transformers for Various Electric Projects
Sourcewell Contract # 091422-WES

From: Tyler Berrier, PE; Electric Utilities Dir.

Meeting Date: August 7, 2023

Public Hearing: N/A

Advertised By: Purchasing - Sourcewell

Attachments: Attachment A: Sourcewell Contract Bid
Attachment B: Recommendation Form

PURPOSE: Purchase of Large Commercial/Industrial Voltage (120/208V) Transformers (225kVa). Warehouse Stock Items, not associated with a specific project.

BACKGROUND: There are 6 total transformers being encumbered under this bid. Wesco is currently under contract through a cooperative bid, Sourcewell Contract #091422-WES

BUDGET IMPACT: Funds are included in the operating budget to cover this purchase.

RECOMMENDATION / ACTION REQUESTED: Staff is recommending that the city council approve, and the department be given the ability to procure these transformers. The department is recommending that the bid for these transformers be awarded to Wesco, Inc. for \$174,504.





WHS # 823

PO # 112124

CONFIDENTIAL

GE PROLEC TRANSFORMERS INC
1224 Commerce St SW, Suite J
Conover, NC 28613-0001

Sourcewell Contract # 091422 - WES

Quotation Date: 06/09/2023
Quotation Number: Q-00019266
FOR FASTER HANDLING
OF YOUR ORDER REFER TO
THIS NUMBER

\$ 174,504.00

To: WESCO DISTRIBUTION, INC G2465M06
334 ATKINSON STREET
CLAYTON, North Carolina 27520
Estados Unidos

Attn:
Customer RFQ: High Point
Quote Expiration Date: 08/19/2023

We thank you for your inquiry and are pleased to submit the following quotation. When placing an order, please reference this quote # on your order and process your Purchase order to the "vendor name" on the line(s) below along with payment to the correct "remit to address" as shown.

Line 1

CUSTOMER ITEM	GE ITEM	QUANTITY	UNIT PRICE	LEAD TIME
	QRJT452	6	29,084 USD	32

Capacity - kVA: 225
Primary Voltage: 12.47/7.2
Secondary Voltage: 208/120
Details:
Description: 225 KVA
THREE PHASE PAD TRANSFORMER
12470GRDY/7200 - 208Y/120
(2) - 2.5% Above and Below in HV
Loopfeed, Six HV Bushing, Staggered LV
CL FUSE
Dead Front, MINIMUM DIMS, Staggered LV
NO LOAD LOSSES-408, LOAD LOSSES-1928, TOTAL LOSSES-2336
IZ PCT: 3.69 EXC PCT: 2

Accessories:
TYPE ONAN, 95 KV BIL
20 INCH DEEP CABINET, TEMP. RISE: 65°C
Paint Finish: Munsell 7GY 3.29/1.5 Padmount Green
Stainless Steel 409L (Base & Sill)
DOE 2016 Standard Compliant Design
Handhole 14" x 25"
200 Amp HV Bushing well removable stud 35 kV
5/8 Stud type with 4 holes blade 830 A - LV Bushing
Standard Pressure Relief Valve
Thermometer VIAT
Provision for Vacuum Pressure Gauge
1 inch Drain Valve with 3/8 inch sampler in LV
3 Switches 2 pos. 300 A
95 kV BIL insert - 200 Amp (15 kV) - Grounded
Decal NON-PCB Rectangular - White on Blue Background
Warning Decal Per Nema fig. 3 (BILINGUAL)
Danger Decal Per Nema fig. 4 (BILINGUAL)
Standard Nameplate
Plastic GRD Connector Plug
Jacking facilities
KVA REFLECTIVE
LV REFLECTIVE
CITY OF HIGHPOINT STOCK NUMBER LABEL
CITY OF HIGHPOINT WARNING DECAL
EXPULSION FUSE
CL FUSE
BAYONET FUSE HOLDER
Oil ASTM Type II
Horizontal bar of RUNNER
Vertical bar of RUNNER

I. - GENERAL COMMENTS & CLARIFICATIONS

- Given the ongoing and constantly changing status of the epidemic/pandemic situations, such as coronavirus, around the world, including emerging governmental restrictions, Seller assures Buyer that Seller are staying abreast of the situation across the globe. The impacts of these situations cannot reasonably be determined at this time; however, Seller will keep Buyer aware of any developments that may impact timing, schedules, pricing or other aspects of our contract. While Seller does not propose to make changes now, Seller’s proposal did not consider the impacts of the coronavirus or any other epidemic/pandemic situation and may need to be adjusted; we will determine what (if any) changes we may need at the time of the award and will work with customer to ensure mutual agreement.
- Prolec GE designs, manufactures and test transformers in accordance with the latest applicable sections of ANSI, NEMA and IEEE Standards. We take exceptions to all other codes and standards.
- Prolec GE quoted based on BOM of the transformer stated on an email. Without any Specification or Drawing
- Prolec GE will provide standard impedance & losses values.
- Features not specifically documented in above bill of materials should not be assumed to be included. If required, please clarify with your Customer Support Engineer properly.
- **Spare Parts and Installation:** Unless specifically stated otherwise, this quotation does not include any field related labor or materials such as but not limited to delivery, storage, handling, installation, grounding, field testing, cleaning, adjusting, training/demonstration, coordination studies, startup, special tools, spare parts, etc.
- Transformers are tested according to ANSI Standard Test Code for Transformers C57.12.90

II. - DRAWING AND SHIPMENT CYCLES (WEEKS)

Description	For Record Drawings	For Approval Drawings
Mailing of Drawings (Weeks)	6	6
Customer Drawings return	N/A	2*

***Actual shipment and drawings will depend on factory backlog at the time of the purchase order acceptance. Shipment dates are approximate and are based upon prompt receipt of all necessary information from Buyer..If Buyer exceeds the approval drawing cycle time allowed, the shipment will extend at least accordingly to the extra time taken.**

* Prolec-GE reserves the right to substitute, at its discretion, materials used to manufacture the products. Should Prolec-GE substitute any materials, it will make reasonable efforts to notify the Buyer. If Prolec-GE believes that a substitution of material will affect any express performance guarantees, it will notify Buyer and the performance guarantees will be adjusted to reflect the use of the new material.

Customer will return approval drawings by (Add 2 weeks) with the release for manufacture, otherwise price will be subject of revision according to Release Clause DT stated in our quotation letter section IV.

Release Clause DT applies along with GE Terms and Conditions of Sales listed in GE PROLEC PGE2023. All Changes must be resolved before order entry.

III. - TERMS, CONDITIONS & WARRANTY

This proposal will remain valid for a period of 30 days after submittal.



Prolec GE currently facing a dynamic market of commodities (copper, silicon steel, oil, aluminum and carbon steel) where the costs are fluctuating, so Prolec GE reserves the right to revisit the pricing of this proposal if the cost of the commodities vary +2% from the date of the quote. For projects to be decided after 30 days, please contact our team through your assigned Sales Rep to get a quote update. For long-term projects we invite you to ask us about our Prolec GE Price Index policy which allows the buyer and seller to be protected for positive and negative commodity fluctuations for the duration of the contract.

The Buyer may not make any public announcement in relation to the Contract (including to any purchase orders or related contractual documents), including the fact that it exists, without prior written authorization from the Seller on such terms and conditions as approved by the Seller.

For Shreveport, LA, US Sales:

All items are sold FOB Shipping Point (Shreveport, LA, USA), unless otherwise noted

For Apodaca, NL, MX Sales:

All items are sold FCA (Incoterms 2010) Laredo, TX, USA, with transportation allowed to the carrier delivery point listed in this quotation within the confines of the continental United States, excluding Alaska or Hawaii.

Terms of payment are 100% net cash within 30 days from date of shipment.

There will be a 1.5% charge per month of the total invoice price beginning 30 days after the date of the invoice, but the amount shall not be in excess of the applicable usurious rate.

Cancellation of Order

The Buyer may cancel his order only upon a written notice and upon payment to Prolec GE of reasonable and proper cancellation charges.

Cancellation Charges:	% of selling price
1 week after order	10
3 weeks after order	15
Before factory release	20
1 week after release	65
2 weeks after release	70
3 weeks after release	90
4 weeks after release	100

The following applies unless specified otherwise:



Release Clause DT

- 1. The prices stated herein are firm provided:
 - a. If order is Immediate release with a scheduled shipment date within ninety (90) calendar days from the date of such order (or at Seller's earliest convenience thereafter), and no change orders are agreed upon within such ninety (90) day period; or
 - b. If approval drawings from Buyer are required before starting manufacture of the products, the drawings must be reviewed and approved by Buyer no later than 30 calendar days after submittal thereof by Seller. Otherwise, will be subject for price adjustment at 1.5% for each full month or fraction thereof that approval is thereby delayed.

- 2. In the event that the customer for any reason does not comply with the conditions in paragraph 2 above and/or shipment is delayed for a reason not within the control of the Company, the price shall be increased 1.5% for each full month or fraction thereof that shipment* is there by delayed after the 90-day period from the date of order.

- In the event the Company has been delayed by any of the causes specified in the clause entitled "Excusable Delays" which is set forth In the Company's Conditions of Sale, "Shipment" shall mean the actual date of shipment.

Standard warranty coverage applies (unless otherwise noticed): 12 months from energization or 18 months from date of shipment, whichever occurs first.

The sale of any product or service by GE-Prolec is expressly conditioned upon Buyer's assent to the terms (Form GE PROLEC PGE2023) contained herein. Any additional or different terms proposed by Buyer are expressly objected to and will not be binding upon GE-Prolec unless specifically agreed in writing by GE-Prolec's authorized representative.

NOTICE: SALES OF ANY PRODUCT AND/OR SERVICES COVERED BY THIS QUOTATION ARE EXPRESSLY CONDITIONAL ON THE CUSTOMER'S ASSENT TO THE DIFFERENT OR ADDITIONAL TERMS CONTAINED HEREIN (INCLUDING THOSE ATTACHED TO THIS QUOTATION). ANY ADDITIONAL OR DIFFERENT TERMS PROPOSAL BY CUSTOMER ARE EXPRESSLY OBJECTED TO AND WILL NOT BE BINDING UPON SELLER UNLESS SPECIFICALLY, ASSENTED TO IN WRITING BY SELLER'S AUTHORIZED REPRESENTATIVE. ANY ORDER FOR OR ANY STATEMENT OF INTENT TO PURCHASE HERE UNDER, OR ANY DIRECTION TO PERFORM WORK AND SELLER'S PERFORMANCE OF WORK, SHALL CONSTITUTES ASSENT TO SELLER'S TERMS AND CONDITIONS (See GE PGE2023 T&Cs <https://store.gegridsolutions.com/termEM104-Grid.pdf>).

"Some stock is currently available subject to prior Sale. If stock is depleted at the time of Order, Standard lead time will apply ". ** Subject to change as lead-times are confirmed upon receipt of purchase order.

PROP Q-00019266
CITY OF HIGHPOINT
- WE ARE QUOTING PER CITY OF HIGHPOINT SPECIFICATIONS; NO OTHER SPEC WILL APPLY.

***** COMMENTS *****

- PROLEC GE DESIGNS, MANUFACTURES AND TEST TRANSFORMERS IN ACCORDANCE WITH THE LATEST APPLICABLE SECTIONS OF ANSI, NEMA AND IEEE STANDARDS. WE TAKE EXCEPTIONS TO ALL OTHER CODES AND STANDARDS.

- PROLEC GE HAS RESERVED MANUFACTURING SLOTS FOR 2023 BY PRODUCT LINE AT OUR FACTORY TO SECURE AN ASSIGNED VOLUME FOR YOUR NEEDS. THESE RESERVED SLOTS HAVE BEEN SCHEDULED ALL OVER 2023. PRICES ARE VALID FOR SHIPMENTS IN 4Q23. IF, DEPENDING ON THE RESERVED SLOTS WE HAVE ASSIGNED BY QUARTER, SOME ORDERS ARE SCHEDULED BEYOND 4Q23, PLEASE CONSIDER PRICE WILL CHANGE ACCORDING TO PROLEC GE



PRICE INDEX (PGPI) DEPENDING ON THE QUARTER OF DATE OF SHIPMENT. PGPI FOR EACH QUARTER IS RELEASED ON THE 15TH DAY OF THE LAST MONTH OF PREVIOUS QUARTER.

- UNITS WILL BE SCHEDULED ACCORDING TO THE RESERVED SLOTS AND PO SHOULD COME WITH THE LINES ACCORDING TO THEIR SLOTS

- PROLEC GE 2023 T&C.

- WE ARE QUOTING PER ANSI C57.12.34, LOOP FEED, DEAD FRONT.
- WE ARE QUOTING PRIMARY VOLTAGE 12,470GRDY/7200.
- WE ARE QUOTING SECONDARY VOLTAGE 208Y/120.
- WE ARE QUOTING TAPS 2 - 2.5% ABOVE AND BELOW.
- WE ARE QUOTING BAYONET EXP FUSE + ISO LINK.
- WE ARE INCLUDING HV INSERTS

- WE ARE INCLUDING 3 - 2 POSITION SWITCHES 300 A.
- WE ARE INCLUDING THERMOMETER, .
- PER POINT 16 WE ARE PROVIDIG SS BASE WICH INLCUDES A 10" HIGH SKIRT (SUBJECT TO CHANGE)

- ANSI C57.12.90 INCLUDES AS ROUTINE TEST AS FELLOW:

- * RESISTANCE MEASUREMENTS
- * RATIO
- * POLARITY AND PHASE RELATION
- * NO-LOAD LOSSES AND EXCITATION CURRENT
- * LOAD LOSSES AND IMPEDANCE VOLTAGE
- * LOW FREQUENCY TEST (APPLIED AND INDUCED POTENTIAL)
- * LIGHTING IMPULSE
- * EFFICIENCY AT ¼, ½, ¾, AND FULLY LOAD
- * VOLTAGE REGULATION AT 1.0 AND 0.8 POWER FACTOR

IF YOU REQUIRE SPECIAL TESTS PLEASE CONSIDER AN EXTRA COST WILL APPLY.

IF YOU REQUIRE SPECIAL TESTS CONSIDER THE NEXT ADDERS:

- * TEMPERATURE EACH STAGE OF COOLING ... \$2,000 USD
- * FULL WAVE IMPULSE \$1,200 USD
- * AUDIBLE SOUND \$2,500 USD
- * OIL DGA \$500 USD
- * OIL PCB \$100 USD
- * SWEEP FREQUENCY (DO NOT APPLY FOR PAD MOUNTED UNITS) \$2,500 USD
- * ZERO PHASE SEQUENCE IMPEDANCE \$500 USD
- * RIV \$2,500 USD
- * POWER FACTOR * LEAK TEST 6 HOURS \$200 USD
- * TELEPHONE INFLUENCE FACTOR (TIF) Out of our scope
- * CORONA TEST Out of our scope
- * SHORT CIRCUIT TEST Not performed

OJLN FOR JND
07/20/2023

Regards,

Beau Benefield



FORMAL BID RECOMMENDATION
REQUEST FOR COUNCIL APPROVAL

DEPARTMENT: Electric Utilities

COUNCIL AGENDA DATE: August 7, 2023

BID NO.: CONTRACT NO.: 091422-WES DATE OPENED: N/A - Sourcewell

DESCRIPTION:
Purchase of Large Commercial/Industrial Voltage (120/208V) Transformers (225kVa). Warehouse Stock Items, not associated with a specific project.

PURPOSE:
To purchase transformers to be installed around the city electric footprint on various projects. These units are used in commercial/industrial applications.

COMMENTS:
6 total units purchased with this bid at \$29,084 per transformer.

RECOMMEND AWARD TO: WESCO, Inc. AMOUNT: \$174,504

JUSTIFICATION:
Staff is recommending that the city council approve, and the department be given the ability to procure these transformers. The department recommends awarding rewarding this contract to Wesco, Inc. for \$174,504.

Table with 5 columns: ACCOUNTING UNIT, ACCOUNT, ACTIVITY, CATEGORY, BUDGETED AMOUNT. Includes a row for TOTAL BUDGETED AMOUNT.

DEPARTMENT HEAD: Tyler Berrier Digitally signed by Tyler Berrier Date: 2023.07.26 15:47:58 -04'00' DATE: 7/26/2023

The Purchasing Division concurs with recommendation submitted by the Electric Utilities and recommends award to the lowest responsible, responsive bidder WESCO in the amount of \$ 174,504.

PURCHASING MANAGER: DATE:

Approved for Submission to Council FINANCIAL SERVICES DIRECTOR: DATE:

CITY MANAGER: DATE: