

CITY OF HIGH POINT

AGENDA ITEM



Title: Purchase of 100 Residential Voltage (120/240V) Transformers (50, 75 & 100kVA)

From: Garey S. Edwards, Electric Utilities Director
Tyler R. Berrier, Electric Utilities Asst. Dir.

Meeting Date: June 21, 2022

Public Hearing: N/A

Bid Opening Date:
Advertised By:

Attachments: Formal Bid Recommendation

PURPOSE:

To purchase 100 transformers (50 - 50kVA, 20 - 75kVA and 30 - 100kVA) to be installed around the city electric footprint on various projects. These units are being offered as production slots General Electric (GE).

BACKGROUND:

Due to supply chain shortages, the Electric Utilities department is in need of smaller, residential style transformers. The department was contacted by a vendor, WESCO, that had procured some production slots for a vendor regularly utilized by the Electric department, General Electric (GE). These units are currently being bid with 35–50-week lead times. The purchasing division has been unable to obtain large quantity quotes other than this purchase.

BUDGET IMPACT:

Funds are available in the FY21-22 budget.

RECOMMENDATION / ACTION REQUESTED:

Staff is recommending that the City Council approve the department be given the ability to procure these surplus units based on pressing need. The department recommends awarding this contract to WESCO Distribution, Inc. for \$1,049,540.





**FORMAL BID RECOMMENDATION
REQUEST FOR COUNCIL APPROVAL**

DEPARTMENT:

COUNCIL AGENDA DATE:

BID NO.: CONTRACT NO.: DATE OPENED:

DESCRIPTION:

PURPOSE:

COMMENTS:

RECOMMEND AWARD TO: AMOUNT:

JUSTIFICATION:

ACCOUNTING UNIT	ACCOUNT	ACTIVITY	CATEGORY	BUDGETED AMOUNT
TOTAL BUDGETED AMOUNT				

DEPARTMENT HEAD: DATE:

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

PURCHASING MANAGER: DATE:

Approved for Submission to Council
FINANCIAL SERVICES DIRECTOR: DATE:

CITY MANAGER: DATE:



WESCO DISTRIBUTION

CONFIDENTIAL

Quotation Date: 05/17/2022
Quotation Number: Q-00010269
FOR FASTER HANDLING
OF YOUR ORDER REFER TO
THIS NUMBER

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

Attn:
Customer RFQ: RFQ for City of High Point
Quote Expiration Date: 06/29/2022

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 "remil to address" as shown.

Line 1

CUSTOMER ITEM	GE ITEM	QUANTITY	UNIT PRICE	LEAD TIME
	QGG0871	50	\$8,491	

Capacity - kVA: 50 kVA
Primary Voltage: 12,470 GRDY/7200
Secondary Voltage: 240/120
Details: See specs
Description: 50 KVA
1PH PADMOUNT TRANSFORMER
12470 GRDY / 7200 - 240/120
NO TAPS
Mini-Padmout 2 HV Bushings, Hood Depth 17
Bayonet Exp. Fuse+Partial Range CLF
Loop Feed
/304 SS Skirt 1.5 in
NO LOAD LOSSES-91, LOAD LOSSES-553, TOTAL LOSSES-644
1Z PCT: 2 EXC PCT: 2

Accessories:
DOE 2016 Standard Compliant Design
Standard Nameplate
Mineral oil per ASTM type II
Stencil 2.5 in high yellow letters
Stencil 2.5 in high yellow letters
Decal H1A
Decal H1B
Decal X1
Decal X2
Decal X3
Decal Filled with NON-PCB Mineral Oil at time of Manufacture - Reclangular
Decal for Bayonet Instructions
Danger Decal per NEMA fig. 2
Warning Decal Per Nema fig. 1
IFD Device
IFD Cap
LV Bushing, 5/8" Stud, Celeco
Ins Celeco 95 kV BIL - 200 Amp(15 kV) not vented
HVB Wells, 35KV, Fixed Stud, TRP, Celeco
FUS CLF SHORTY MERSEN 9F59CBC080
GE Exp. Fuse Cat # 9F54LFC080
MUNSELL GREEN
CITY OF HIGH POINT DANGER DECAL
Drain Plug
Fill Plug
Bayonet with flapper
MS Tank 12 Gauge
304 SS Sill 12 Gauge
MS Hood 12 Gauge



MS Parking Stand 14 Gauge

Line 2

CUSTOMER ITEM	GE ITEM	QUANTITY	UNIT PRICE	LEAD TIME
	QGGV102	20	\$10,437	

Capacity - kVA: 75 KVA
 Primary Voltage: 12,470 GRDY/7200
 Secondary Voltage: 240/120
 Details: See specs
 Description: 75 KVA
 1PH PADMOUNT TRANSFORMER
 12470 GRDY / 7200 - 240/120
 NO TAPS
 Mini-Padmount 2 HV Bushings, Hood Depth 17
 Bayonet Exp. Fuse+Partial Range CLF
 Loop Feed
 /304 SS Skirt 1.5 in
 NO LOAD LOSSES-116, LOAD LOSSES-781, TOTAL LOSSES-897
 IZ PCT: 2 EXC PCT: 2

Accessories:
 DOE 2016 Standard Compliant Design
 Standard Nameplate
 Mineral oil per ASTM type II
 Stencil 2.5 in high yellow letters
 Stencil 2.5 in high yellow letters
 Decal H1A
 Decal H1B
 Decal X1
 Decal X2
 Decal X3
 Decal Filled with NON-PCB Mineral Oil at time of Manufacture - Rectangular
 Decal for Bayonet Instructions
 Danger Decal per NEMA fig. 2
 Warning Decal Per Nema fig. 1
 IFD Device
 IFD Cap
 CELECO GRD CONECTOR CAT# D1088 #10 TO #1 AWG
 LV Bushing, 5/8" Stud, Celeco
 HVB Wets, 35KV, Fixed Stud, TRP, Celeco
 FUS CLF SHORTY MERSEN 9F59C8C125
 GE Exp Fuse Cat # 9F54LFC100
 MUNSELL GREEN
 CITY OF HIGH POINT DANGER DECAL
 Drain Plug
 Fill Plug
 Bayonet with flapper
 MS Tank 13 Gauge
 304 SS Sill 13 Gauge
 MS Hood 13 Gauge
 MS Parking Stand 14 Gauge

Line 3

CUSTOMER ITEM	GE ITEM	QUANTITY	UNIT PRICE	LEAD TIME
	QGGT419	30	\$13,875	

Capacity - kVA: 100 KVA
 Primary Voltage: 12,470 GRDY/7200
 Secondary Voltage: 240/120
 Details: See specs
 Description: 100 KVA
 1PH PADMOUNT TRANSFORMER
 12470 GRDY / 7200 - 240/120

prolec



NO TAPS

Mini-Padmount 2 HV Bushings, Hood Depth 17

Bayonet Exp. Fuse+Partial Range CLF

Loop Feed

/304 SS Skirt 1.5 in

NO LOAD LOSSES-134, LOAD LOSSES-1021, TOTAL LOSSES-1155

IZ PCT: 2 EXC PCT: 2

Accessories:

DOE 2016 Standard Compliant Design

Standard Nameplate

Mineral oil per ASTM type II

Stencil 2.5 in high yellow letters

Stencil 2.5 in high yellow letters

Decal H1A

Decal H1B

Decal X1

Decal X2

Decal X3

Decal Filled with NON-PCB Mineral Oil at time of Manufacture - Rectangular

Decal for Bayonet Instructions

Danger Decal per NEMA fig. 2

Warning Decal Per Nema fig. 1

IFD Device

IFD Cap

CELECO GRD CONECTOR CAT# D1088 #10 TO #1 AWG

LV Bushing, 1" Stud, Celeco

HVB Wells, 35KV, Fixed Stud, TRP, Celeco

FUS CLF SHORTY MERSEN 9F59CBC125

GE Exp. Fuse Cat # 9F54LFC100

MUNSELL GREEN

CITY OF HIGH POINT DANGER DECAL

Drain Plug

Fill Plug

Bayonet with flapper

MS Tank 13 Gauge

304 SS Sill 13 Gauge

MS Hood 13 Gauge

MS Parking Stand 14 Gauge



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 EM104. 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 EM104) 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 PROPOSED 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 CONSTITUTE ASSENT TO SELLER'S TERMS AND CONDITIONS (See GE EM104 T&Cs <https://store.gegridolutions.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 10269
 CITY OF HIGH POINT
 - WE ARE QUOTING PER CITY OF HIGH POINT SPECIFICATIONS FOR PAD MOUNTED DISTRIBUTION TRANSFORMER WH #816, WH #817 & WH #819; NO OTHER SPEC WILL APPLY.
 EXCEPTIONS
 - WE ARE TAKING EXCEPTION TO GENERAL TERMS AND CONDITIONS WE ARE QUOTING TERMS AND CONDITIONS EM 104.
 - WE ARE TAKING EXCEPTION TO MEET POINT 16, WE ARE PROVIDING NON PCB DECAL: "FILLED WITH NON PCB MINERAL OIL AT TIME OF MANUFACTURE PER 40CFR 761".
 - WE ARE TAKING EXCEPTION TO PROVIDE EPOXY LV BUSHING, THESE ARE MADE WITH HIGH TEMPERATURE NYLON.
 - WE ARE TAKING EXCEPTION TO PROVIDE ESNA HV BUSHING WELLS. IN ORDER TO IMPROVE PRICE AND LEAD TIME WE ARE OFFERING CENTRAL MOLONEY BUSHING WELL, WE ARE SENDING BROCHURE VIA EMAIL FOR THE CUSTOMER APPROVAL.
 - WE ARE TAKING EXCEPTION TO PROVIDE 409 SS SKIRT, WE ARE QUOTING 304L SS



SKIRT 1.5" WITH STAINLESS STEEL SILL 304.

***** 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.

- WARRANTY COVERAGE APPLIES 12 MONTHS FROM ENERGIZATION OR 18 MONTHS FROM DATE OF SHIPMENT, WHICHEVER OCCURS FIRST.

- WARRANTY COVERAGE MAY BE EXTENDED AT A PRICE ADDITION OF 2% FOR A TWO-YEAR WARRANTY, 4% FOR A THREE-YEAR WARRANTY AND 6% FOR A FIVE-YEAR WARRANTY. ALL EXTENDED WARRANTIES ARE FROM DATE OF SHIPMENT.

- WE ARE QUOTING PER ANSI C57.12.38, LOOP FEED, SINGLE PARKING STAND.

- PER LOW PROFILE WE ARE QUOTING MINI-PAD ANSI TYPE II.

- WE ARE QUOTING PRIMARY VOLTAGE 12470GRDY/7200.

- WE ARE QUOTING SECONDARY VOLTAGE 240/120, WITH INTERLACED WINDINGS.

- WE ARE QUOTING NO TAPS.

- WE ARE QUOTING BAYONET EXP FUSE + PARTIAL RANGE CLF.

- PER DRIP SHIELD WE ARE QUOTING PLASTIC DRIP CUPS.

- IN POINT 16.B WE ARE PROVIDING CONTRASTING STENCILS INSTEAD OF REFLECTIVE DECALS.

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

* 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 1/4, 1/2, 3/4, 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.

DACS

05/30/2022

Regards,

Jameel Balenton