

CITY OF NORWICH
NORWICH PUBLIC UTILITIES

BID # 7329

ELECTRICAL DISTRIBUTION EQUIPMENT

Sealed bids for Electrical Distribution Equipment will be received at the Office of the Purchasing Agent at City Hall, 100 Broadway, Norwich, Connecticut 06360 until 2:00 P.M., on Tuesday, February 21, 2012 prevailing time, at which time they will be publicly opened and read aloud.

Bid surety in the form of cash, a certified check or bid bond in the amount of five percent (5%) is required.

Copies of the Specifications may be obtained at the Purchasing Office at 100 Broadway, Norwich, CT 06360 or online at the State of Connecticut DAS Web Portal or at the City of Norwich web site www.norwichct.org by clicking on Public Bids/Proposals.

Questions regarding this bid should be directed to Ms. Tammy Petersen, Purchasing Supervisor, Norwich Public Utilities at tammypetersen@npumail.com.

Norwich Public Utilities reserves the right to reject any or all bids, in whole or in part, to award any item, group of items, or total bid, and to waive any informality in the bids received if it deems it to be in the best interest of the Department to do so.

No Bidder may withdraw their bid within 60 days after the actual date of bid opening thereof. Should there be reason why the contract cannot be awarded within the specific period, this time may be extended by mutual agreement between the City and the designated, qualified low Bidder.

All final awards of the bid subject to comply with Ordinance No. 1235 adopted December 3, 1991.

All bids must be submitted in a sealed envelope bearing the bidders name and bid number.

Responding bidders must ensure that employees and applicants for employment are not discriminated against because of their race, color, religion, age, handicap, familial status, sex, or national origin.

PURCHASING AGENT

NOTE: BIDDERS ARE HEREBY ADVISED THAT ONLY BID SURETIES FOR THE THREE LOWEST BIDDERS WILL BE HELD. ALL OTHERS WILL BE RELEASED WITHIN SEVEN DAYS.

**REQUEST FOR QUOTATION
THE CITY OF NORWICH
DEPARTMENT OF PUBLIC UTILITIES**
Norwich, Connecticut 06360

February 1, 2012

In your reply, refer to
Purchasing Division
860-823-4179

TO:

THIS IS NOT AN ORDER

Shipping Point: _____

F.O.B. _____ Via: _____

Delivery: Complete Shipment to be made from _____ in _____ days from receipt of order

Terms: _____ ~ _____ % ~ _____ days: Net _____ days Shipping Weight _____ lbs.

<p>IMPORTANT</p> <p>PLEASE QUOTE ON THIS SHEET IN SPACE INDICATED BELOW FOR THE MATERIALS AND/OR SERVICES DESCRIBED..</p> <p>EXPLAIN FULLY ANY SUBSTITUTES SUBMITTED. PURCHASES MADE BY THE NORWICH DEPARTMENT OF PUBLIC UTILITIES ARE CONSIDERED EXEMPT FROM THE PAYMENT OF FEDERAL EXCISE TAXES, CONNECTICUT SALES TAXES, ETC., AND SUCH TAXES MUST BE IDENTIFIED SEPARATELY OR EXCLUDED FROM THE BID PRICES. EXEMPTION CERTIFICATIONS WILL BE FURNISHED AS REQUIRED.</p> <p>THE RIGHT TO ACCEPT ALL OR ANY PART OR TO DECLINE THE WHOLE IS RESERVED.</p> <p align="center">Your quotation must be in our office</p> <p>By: 2:00 PM</p> <p align="center">February 21, 2012</p> <p align="center">_____ THE CITY OF NORWICH</p>
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Item	Quantity	Materials and/or Services Required	Unit Price	Total Price
1.	1 EACH	DISTRIBUTION SECTION PER ATTACHED SPEC		
2.	1 EACH	ATS SECTION PER ATTACHED SPEC Furnish and deliver the equipment listed above in strict accordance with the attached specifications.		
Please answer without exception all questions listed on this request for quotation				

To THE CITY OF NORWICH

We quote you as above,

Date _____ 20____

Signed: _____

By: _____

The City of Norwich is seeking bids for two separate pieces of electrical equipment for use in the Norwich Public Utilities main facility at 16 South Golden St, Norwich CT 06360.

All pricing should include delivery to the above location.

No installation is required on the equipment.

Acceptable manufacturers are GE, Square D, Westinghouse, Cutler Hammer, Eaton.

All enclosures shall be NEMA 3R rated, Bracing shall be 100KAIC, Bussing shall be AL.

Section #1 will be a Bottom Feed & Load MLO Distribution section rated at 1600Amps per attached specs, including the following breakers – (2) 800amp 3P,(1) 600amp 3p, (1) 200amp 3p, (1) SPACE 400amp 3p, (1) SPACE 2001mp 3p.

Section #2 will be a Bottom Feed & Load ATS switch rated at 1600amps with GFCI Main Circuit breaker rated also at 1600amps per attached specs.

Sections one and two will not be assembled together and will be mounted on separate vaults.

Design drawings for approval and final drawings for record shall be provided.

“Distribution SECTION”

1 PRLC Switchboard

Pow-R-Line C Switchboard, Front Access/ Front and Rear Align, Type 3R (nonwalk-in) Flat Roof
208Y/120V 3-Phase 4-Wire, 1600 Aluminum, Minimum Interrupt Rating: 100kA, Bus Bracing
Rating: 100kA

- 1 Pow-R-Line C
- 2 Structure Bus Bracing - 100 kA
- 2 Type 3R (nonwalk-in) Flat Roof
- 1 Vertical Isol. Barrier (Service Entrance)
- 1 Service Entrance Label
- 1 1600 Amp AL Bussed Incoming Pull Section
- 1 1600 Amp AL Distribution Structure
- 6 Nameplate
- 4 Thermal Mag Trip - Standard
- 2 800A 3P [HMDL 800A Frame], Trip 800 A., Thermal Mag, (3) 3/0-400 kcmil, Mechanical
- 1 600A 3P [LGH 600A Frame], Trip 600 A., Thermal Mag, (2) #2-500 kcmil, Mechanical
- 1 200A 3P [EDH 225A Frame], Trip 200 A., Thermal Mag, (1) #4-4/0, Mechanical
- 1 3P [HKD 400A Frame] Space,
- 1 3P [EDH 100A Frame] Provision,

Designations: MSB

“ATS SECTION-“

1 PRLC Switchboard

Pow-R-Line C Switchboard, Front Access/ Front and Rear Align, Type 3R (nonwalk-in) Flat Roof
208Y/120V 3-Phase 4-Wire, 1600 Aluminum, Minimum Interrupt Rating: 100kA, Bus Bracing Rating:
100kA

- 1 Pow-R-Line C
- 4 Structure Bus Bracing - 100 kA
- 4 Type 3R (nonwalk-in) Flat Roof
- 1 Vertical Isol. Barrier (Service Entrance)
- 1 Service Entrance Label
- 2 1600 Amp AL Bussed Incoming Pull Section
- 1 1600 Amp AL Main Structure
- 1 Digitrip RMS310 LSIG-RD
- 1 Nameplate
- 1 1600 Amp AL ATS Structure
- 1 Magnum Automatic Transfer Switch, Fixed Mtd., Open Transition, 1600A, 3P, Cat#
ATVIMGA31600BRU
- 1 1600A 3P [RD 1600A Frame], Trip 1600 A., RMS310 LSIG

1 Automatic Transfer Switch

Magnum Automatic Transfer Switch, Fixed Mtd., Open Transition, 1600A, 3P, Cat# ATVIMGA31600BRU

- 1 49c. Multi-Tap Transformer
- 1 8d. Time Delay Bypass Normal to Emergency
- 1 15e. Normal (S1) Position Indication (1 Form C)
- 1 2a. Time Delay Engine Start Adj. 0-120 sec
- 1 59a. Silver Plated Bus
- 1 10b. Source Selector - Utility to Utility or Utility to Gen
- 1 15f. Emergency (S2) Position Indication (1 Form C)
- 1 3a. Time Delay Emergency to Normal Adj. 0-1800 sec
- 1 10d. Source Selector - Generator to Generator
- 1 23j. Auto Plant Exerciser Timer Select Load /No Load w/Fail Safe
- 1 4a. Time Delay Engine Cool-off Adj. 0-1800 sec
- 1 12c. LED Indicator Normal Position
- 1 26d. Go To Source 2
- 1 5j. Emergency (S2) Sensing Under Voltage/Under Freq
- 1 12d. LED Indicator Light Emergency Position
- 1 26j. Normal (S1) Sensing Under-voltage/Under-frequency
- 1 5k. Emergency (S2) Sensing Over Voltage/Over Freq
- 1 12g. LED Indicator Normal Source Available
- 1 ATVIMG Fixed 3 Poles 1600 Amps
- 1 26k. Normal (S1) Sensing Over-voltage/Over-frequency
- 1 6b. Test Pushbutton
- 1 12h. LED Indicator Emergency Source Available
- 1 None **
- 1 32a. Time Delay Neutral Adjustable 0 - 120 seconds

- 1 7a. Time Delay Engine Fail Adj. 0-6 sec
- 1 14e. Normal (S1) Source Available (1 Form C)
- 1 Floor Standing Magnum Enclosure - Type-3R
- 1 42. IBC/CBC Seismic Qualified
- 1 8c. Time Delay Bypass Emergency to Normal
- 1 14f. Emergency (S2) Source Available (1 Form C)
- 1 1a. Time Delay Normal to Emergency Adj. 0-1800 sec

ATS2 Designations: