

276-403-5354

REQUEST FOR SEALED BID

**City of Martinsville
P. O. BOX 1112
Martinsville, Va. 24114-1112**

FAXES AND EMAILS NOT ACCEPTED

**REPLY TO: Karen Mays, Purchasing Agent
Robin Legus, Purchasing Technician**

**For inquiries only: kmays@ci.martinsville.va.us
rlegus@ci.martinsville.va.us**

Quote F. O. B. Martinsville, VA.

This is an inquiry not an order. Please attach this page with any submittals. The City of Martinsville reserves the right to accept or reject any and all bids, to purchase any part of the whole of items bid upon, to waive any informalities, and to award this bid as determined to be the most advantageous to the City.

If this is a sealed bid, all bids must be hand delivered to the Central Warehouse, 300 Fishel Street, Martinsville, VA 24112-3248 or mailed to the P.O. Box 1112 address listed

Bids are subject to the City's Purchasing Manual and Virginia Public Procurement Act.

Issue Date: 01/18/2012		Reply Not later Than: 01/31/2012 @ 2:00PM		Date Delivery Requested:	
1. Irby			4. Gexpro		
2. HD Supply Utilities			5. National Transformer		
3. Graybar			6. Martini & Associates		
Quantity	Description			Unit Price	Amount
	Sealed bids will be received until 2:00 p.m. on Tuesday,				
	January 31 st , 2012, by the City of Martinsville to contract				
	with a firm for the purchase of the following:				
15 Ea	25KVA Conventional Pole Mount Transformers,				
	120/240V, Double Bushings, Single Phase, 7200/12470Y,				
	as per attached bid specifications				
*****	All information must be completed on loss data sheet				
	that is provided for you to be eligible for this bid.				
	Please check for accuracy on your loss data information.				
	Quote F.O.B. Martinsville, VA. Freight prepaid and				
	allowed.				
	Please give your delivery schedule: _____				
Point of Shipment:		FOB: MARTINSVILLE, VA		Promised Delivery Date:	
		Freight Prepaid and Allowed			
Terms:		Quotation date:		Authorized Signature:	

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Issue Date:		Reply Not later Than:		Date Delivery Requested:	
1.		4.			
2.		5.			
3.		6.			
Quantity	Description	Unit Price	Amount		
	Bids will be opened in the office of the Purchasing Agent				
	Karen Mays, Central Warehouse, 300 Fishel Street,				
	Martinsville, Va. 24112. There will not be a formal				
	bid opening; a bid tabulation will be emailed to you				
	within 48 hours of the bid opening date. You may send				
	your bid to the Fishel Street address by FedEx, UPS or				
	in person. You may mail your bid to the City of				
	Martinsville, PO Box 1112, Martinsville, Va. 24114-1112.				
	In the lower left hand corner of envelope put				
	"25 KVA Transformers" and the bid opening date and				
	time.				
	Evaluated Cost will be a determining factor.				
	Delivery Schedule may be used in tabulating this bid.				
	The City of Martinsville reserves the right to accept or				
	reject any and all bids, to waive any informalities, to				
	determine equality, and to award this bid as determined				
	to be advantageous to the City.				
	For more information contact Robin Legus by email				
	at rlegus@ci.martinsville.va.us.				
	Please print your name: _____				
	Please give us your email address: _____				
Point of Shipment:		<u>FOB: MARTINSVILLE, VA</u>		Promised Delivery Date:	
		<u>Freight Prepaid and Allowed</u>			
Terms:	Quotation date:	Authorized Signature:			

Distribution Transformer Specifications, with taps

General

All characteristics, definitions, and terminology, except as specifically covered in this specification, shall be in accordance with the latest revision of the following ANSI and NEMA standards.

C57.12.00 - IEEE Standard General Requirements for Liquid-Immersed Distribution, Power and Regulating Transformers.

C57.12.20 – Overhead Type Distribution Transformers, 500 KVA and Smaller, High Voltage, 34500 Volts and Below: Low Voltage, 7970 / 13800 Y Volts and Below.

C57.12.35 – Bar Coding for Distribution Transformers

C57.12.90 – IEEE Standard Test Code for Liquid-Immersed Distribution, Power and Regulating Transformers and IEEE Guide for Short-Circuit Testing of Distribution and Power Transformers.

C57.12.91 – Guide for Loading Mineral Oil Immersed Overhead and Pad-Mounted Transformers Rated 500 KVA and Less with 55 Degree C or 65 Degree C Average.

Type: Single Phase 60 Hz, Oil Insulated, Self- Cooled, Pole Mountable Distribution Transformer

Primary Voltage: 12470 GRD Y/7200 Volts, 95 KV BIL

Secondary Voltage: 120/240 Volt 30 KV BIL

No-load Tap Changer: Should be furnished with two-2-1/2% full rated taps below rated high voltage and two 2-1/2% full rated taps above rated high voltage.

Primary bushings: Two top mounted porcelain bushings, insulated for 12,470 volts

Windings: Primary windings shall be copper.

Impedance shall be between 1.9 and 2.5 percent based on nameplate rating

Transformer shall have the KVA rating in 2-1/2" high figures stenciled in contrasting colors on two sides of the transformer. One marking shall be located beneath the secondary bushings and the other located diametrically opposite.

Tank

1. The tank shall be provided with a stainless cover ring loop and stainless steel bolts. A bronze nut shall be provided to eliminate corrosion problems and avoid galling.
2. Standard accessories as specified by ANSI C57.12.20
 - Support Lugs (Mounting Brackets) centered beneath the high voltage bushings
 - Internal Liquid Level Marking
 - Lifting Lugs

Pressure Relief Device (35 scfm flow rate)
Instructional Nameplate
Tank Grounding Provisions
Low Voltage Grounding Provisions
Lightning Arrester Mounting Provisions

3. Tanks coating shall meet all requirements of **ANSI C57.28** including
- Salt Spray test
 - Crosshatch Adhesion Test
 - Humidity Test
 - Impact Test
 - Oil Resistance Test
 - Ultraviolet Accelerated Weathering Test
 - Abrasion Resistance – Taber Abraser

Testing

All units are subject to routine tests as prescribed in **ANSI C57.12.00**. In addition, impedance, voltage and load loss tests are considered to be routine.

Note: The words NON-PCB Less Than 1PPM, must be engraved in the nameplate.

Acceptable brands are GE, Cooper, ABB, Kuhlman, Ermco and Howard.

LOSS DATA TO BE COMPLETED BY BIDDER

Loss Data Information

<u>Manuf.</u>	<u>KVA</u>	<u>QTY</u>	<u>PP</u>	TNLL <u>In Watts</u> @ 85 C	LL <u>In Watts</u> @ 85 C	Evaluated <u>Cost</u>
_____	_____	_____	\$ _____	+\$3.00 x _____	+\$1.00 x _____	=

_____	_____	_____	\$ _____	+\$3.00 x _____	+\$1.00 x _____	=

_____	_____	_____	\$ _____	+\$3.00 x _____	+\$1.00 x _____	=

			Total Purchase Price \$ _____	Total Cost of Ownership \$ _____		

ADDITIONAL COMMENTS, EXPLANATIONS, OR EXCEPTIONS

<u>Manuf.</u>	<u>KVA</u>	<u>% 1X</u>	<u>%Z</u> <u>@ 85 C</u>	<u>Total</u> <u>Losses @ 85 C</u>	<u>Weight</u>
_____	_____	_____	_____	_____	

_____	_____	_____	_____	_____	

_____	_____	_____	_____	_____	

Bidder

Title

By

Date

Address

NEGOTIATION

In the event the bid from the lowest responsible bidder exceeds available funds, the City may negotiate with the apparent low bidder to obtain a contract price within available funds. The procedures for such negotiations shall be as follows:

a. City, Engineer, and apparent low bidder together will review the project and attempt to find mutually agreeable proposed changes that will effectively reduce the cost of the project.

b. Apparent low bidder will present reasonably documented and substantiated proposed deductions in project cost for each potential project change, which will allow City to evaluate each proposed deduction.

c. The parties will attempt to negotiate and sign a reasonable contract for the entire project, the price of which does not exceed available funds.