

REQUEST FOR QUOTATION

Vendor Name and No.

Collective/Bid # / Bid Due Date

45706 / 04/27/2016

Bids must be received no later than 11:00 AM on the above Bid Due Date.

Buyer:

John Santiago/212-435-4613/john.santiago@panynj.gov

Deliver Goods/Services To:

PATH Consolidated Maintenance Facility
 120 Academy Street
 Jersey City, NJ 07302

Quantity	Description	Unit Price	Total
	<p>COMPOSITE THIRD RAIL FIBERGLASS INSULATOR TYPE "A" PER ATTACHED SPECIFICATION AND DIAGRAM</p> <p>Any exceptions may cause your bid to be deemed non-responsive.</p> <p>Quote fully-delivered price in USD for delivery to above PATH address.</p> <p>A price preference of 10 % is available for NY/NJ Minority and Women Business Enterprises (M/WBE) or 5% for NY/NJ Small Business Enterprises (SBE) certified by the Port Authority (PA) by the day before bid opening for awards not exceeding \$1,000,000. My firm was certified as a _____ on _____.</p>		
	PLEASE QUOTE FULLY DELIVERED PRICES	PAYMENT TERMS	Total Delivered Price

This Quotation is subject to the terms and conditions set forth on the back page hereof. Bidder is advised to read these before signing.

We have read the instructions and, if favored with an order, we agree to furnish the items enumerated herein at the prices and under the conditions indicated.

Signed _____
 Firm Name _____
 Telephone number _____ Date _____
 Fax Number _____
 Federal Taxpayer ID _____

**Bidder
 Must
 Sign
 In
 Two
 Places**

NOTICE TO BIDDERS: Unless the following term of assurance that the above offer is irrevocable is signed, the offer submitted herein shall not be deemed to be complete.

The foregoing offer shall be irrevocable for 90 days after the date on which The PORT AUTHORITY TRANS-HUDSON CORPORATION opens this proposal.

Signed _____ Date _____
 Firm Name _____

REQUEST FOR QUOTATION

Vendor Name and No.	Collective/Bid # / Bid Due Date 45706 / 04/27/2016
---------------------	---

Quantity	Description	Unit Price	Total
	<p>THIS IS A FORMAL BID INVITATION</p> <p>Bid Submission Instructions:</p> <p>Sealed Bids must be submitted to the following address by the due date and time listed on this Request for Quotation, where they will be publicly opened and read:</p> <p>The Port Authority of NY & NJ Attn: Bid Custodian Procurement Department 4 World Trade Center 150 Greenwich Street, 21st Floor New York, NY 10007</p> <p>Clearly mark the outside of your envelope/package with "BID ENCLOSED", the Collective/Bid Number and Due Date, and your complete company name and address.</p> <p>Bids are accepted only Monday through Friday, excluding Port Authority holidays, between the hours of 8 A.M. & 5 P.M., via regular mail, express delivery service or hand delivery. Express carrier deliveries by commercial vehicles can be made via vendors approved by Silverstein Properties, the 4 World Trade Center (4WTC) Property Manager, through the Vehicle Security Center (VSC). Presently, UPS is the only delivery vendor with approved recurring delivery times. There is extensive security at the World Trade Center Site. Individuals must present a valid government-issued photo ID to enter 4 WTC. Individuals without packages or carrying small packages or boxes that can be conveyed by hand or on a hand truck may enter through the lobby. All envelopes, packages and boxes may be subject to additional security screening.</p>		
	PLEASE QUOTE FULLY DELIVERED PRICES	PAYMENT TERMS	Total Delivered Price

This Quotation is subject to the terms and conditions set forth on the back page hereof. Bidder is advised to read these before signing.

We have read the instructions and, if favored with an order, we agree to furnish the items enumerated herein at the prices and under the conditions indicated.

Signed _____
 Firm Name _____
 Telephone number _____ Date _____
 Fax Number _____
 Federal Taxpayer ID _____

**Bidder
 Must
 Sign
 In
 Two
 Places**

NOTICE TO BIDDERS: Unless the following term of assurance that the above offer is irrevocable is signed, the offer submitted herein shall not be deemed to be complete.

The foregoing offer shall be irrevocable for 90 days after the date on which The PORT AUTHORITY TRANS-HUDSON CORPORATION opens this proposal.

Signed _____ Date _____
 Firm Name _____

REQUEST FOR QUOTATION

Vendor Name and No.	Collective/Bid # / Bid Due Date 45706 / 04/27/2016
---------------------	---

Quantity	Description	Unit Price	Total
	<p>There is no parking available at 4 WTC/150 Greenwich Street, and parking in the surrounding area is extremely limited.</p> <p>A valid government-issued photo ID is required to gain access into the building to attend the bid opening or hand deliver a bid.</p> <p>Bids that are not received by the bid custodian by the scheduled bid opening due date time will be considered late. If any Addenda are posted or sent as part of this Bid, the Bidder shall complete, sign and include with its Bid the addenda form(s). In the event any Bidder fails to conform to these instructions, its Bid will nevertheless be construed as though the Addenda had been acknowledged.</p> <p>If the Bidder downloaded this solicitation document, it is the responsibility of the Bidder to periodically check the Port Authority website at http://www.panynj.gov/business-opportunities/bid-proposal-advertisements.html and download any addenda that might have been issued in connection with this solicitation.</p>		
750 EA	<p>Composite 3rd Rail Fiberglass Insulator Type A, 7.81" , per Specifications and Diagram</p> <p>Lead time A.R.O.: _____</p> <p>Manufacturer: _____</p> <p>Plant location: _____</p> <p>Make/model/part number: _____</p> <p>Lead time after receipt of order: _____</p>		
	PLEASE QUOTE FULLY DELIVERED PRICES	PAYMENT TERMS	Total Delivered Price

This Quotation is subject to the terms and conditions set forth on the back page hereof. Bidder is advised to read these before signing.

We have read the instructions and, if favored with an order, we agree to furnish the items enumerated herein at the prices and under the conditions indicated.

Signed _____
 Firm Name _____
 Telephone number _____ Date _____
 Fax Number _____
 Federal Taxpayer ID _____

**Bidder
 Must
 Sign
 In
 Two
 Places**

NOTICE TO BIDDERS: Unless the following term of assurance that the above offer is irrevocable is signed, the offer submitted herein shall not be deemed to be complete.

The foregoing offer shall be irrevocable for 90 days after the date on which The PORT AUTHORITY TRANS-HUDSON CORPORATION opens this proposal.

Signed _____ Date _____
 Firm Name _____

TERMS AND CONDITIONS

1. The Port Authority (PA) reserves the right to request information relating to seller's responsibility, experience and capability to perform the work.
2. Unless otherwise provided, complete shipment of all items must be in one delivery FOB delivery point. Payment will not be made on partial deliveries unless authorized in advance by the party to be charged and the discount, if any, will be taken on the total order.
3. PA payment terms are net 30 days. Cash discounts for prompt payment of invoices may be taken but will not be considered in determining award, except in the case of tie bids.
4. Separate unit and total FOB delivered prices must be shown.
5. Sales to the PA and to PATH are currently exempt from New York and New Jersey State and local taxes and generally from federal taxation. The seller certifies that there are no federal, state, municipal or any other taxes included in the prices shown hereon.
6. The PA shall have the absolute right to reject any or all proposals or to accept any proposal in whole or part and to waive defects in proposals.
7. Unless the phrase "no substitute" is indicated, bidder may offer alternate manufacturer / brands, which shall be subject to Port Authority approval. Please indicate details of product being offered with bid.
8. Acceptance of seller's offer will be only by Purchase Order Form signed by the PA. No change shall be made in the agreement except in writing.
9. If the seller fails to perform in accordance with the terms of this purchase order, the PA may obtain the goods or services from another contractor and charge the seller the difference in price, if any, a reletting cost of \$100, plus any other damages to the PA.
10. Upon request, sellers are encouraged to extend the terms and conditions of any terms agreement with the PA to other government and quasi-government entities by separate agreement.
11. By signing this quotation or bid, the seller certifies to all statements on Form PA 3764A regarding non-collusive bidding; compliance with the PA Code of Ethics; and the existence of investigations, indictments, convictions, suspensions, terminations, debarments and other stated occurrences to assist the PA in determining whether there are integrity issues which would prevent award of the contract to the seller. The PA has adopted a policy set forth in full on PA 3764A, that it will honor a determination by an agency of the State of New York or New Jersey that a bidder is not eligible to bid on or be awarded public contracts because the bidder has been determined to have engaged in illegal or dishonest conduct or to have violated prevailing wage legislation. The Terms and Conditions of PA 3764A apply to this order. A copy can be obtained by calling (212) 435-4600 or at <http://www.panynj.gov/business-opportunities/become-vendor.html>
12. The vendor may subcontract the services or use a supplier for the furnishing of materials required hereunder to such persons or entities as the Manager, Purchasing Services may from time to time expressly approve in writing. All further subcontracting shall also be subject to such approval.
13. The successful bidder (vendor) shall not issue nor permit to be issued any press release, advertisement, or literature of any kind, which refers to the Port Authority or that goods will be, are being or have been provided to it and/or that services will be, are being or have been performed for it in connection with this Agreement, unless the vendor first obtains the written approval of the Port Authority. Such approval may be withheld if for any reason the Port Authority believes that the publication of such information would be harmful to the public interest or is in any way undesirable.
14. Neither the Commissioners of the Port Authority, nor Directors of PATH, nor any of them, nor any officer, agent or employee thereof, shall be charged personally by the Contractor with any liability, or held personally liable to the Contractor under any term or provision of this Agreement, or because of its execution or attempted execution, or because of any breach, or attempted or alleged breach, thereof.

**PORT AUTHORITY TRANS HUDSON CORPORATION
SPECIFICATION FOR
FIBERGLASS INSULATORS FOR CONTACT RAIL**

GENERAL

- A. The following specifies requirements for furnishing fiberglass insulators for use in support of the contact rail on the PATH System.
- B. Fiberglass insulators shall be manufactured in accordance with these specifications and as shown on the Drawings.
- C. Insulators shall be rated for a nominal voltage of 1,000 volts direct current, with voltage spikes of 3,000 volts and with a minimum leakage distance of eight inches of the external surface of the insulator from any energized metal component to ground. Material used for insulator shall be of a type that will not separate or warp under service conditions during its expected useful life of 40 years.

MATERIAL TECHNICAL REQUIREMENTS

- A. Fiberglass insulators shall be mineral filled, "E" glass, chopped strand fiberglass reinforced, thermoset, and un-saturated polyester electrical insulating molding compound. The reinforcements and the resin (2,2 dimethyl-1, 3 propanediol based resins) used in the molding compound are to provide the strengths required in the longitudinal and transverse directions and the service conditions of chemical resistance and electrical insulating properties, as well as temperature, weather (ultraviolet light) and water resistance. The fire retardant and smoke toxicity requirements are to be achieved by using selective additives.
- B. Fiberglass insulator material shall meet, and as specified herein, exceed the requirements of the National Electrical Manufacturers Association (NEMA) Industrial Laminate Specification 11-1-1983, Grade GPO3.
- C. The following limitations are to be used in conjunction with NEMA Specification LI-1-1983, Grade GPO3:

Flexural Strength	25,000 (p.s.i. min.)	ASTM D-790
Flexural Modulus	1.0 (p.s.i. x10 ⁶ min.)	ASTM D-790
Tensile Strength	17,000 (p.s.i. min.)	ASTM D-638
Tensile Modulus	9.0 (p.s.i. x10 ⁵ min.)	ASTM D-638
Impact strength	25 (ft-lb/in min.)	ASTM D-256
Perpendicular Dielectric	170 (0.25in VPM min.)	ASTM D-149
Arc Resistance	180 (sec. Min.)	ASTM D-495
Water Absorption	0.2 (% max.)	ASTM D-570

Thermal Expansion	7x10 ⁶ (in./in /°F max.)	
Flame Spread (150# ins.)	60 (max.)	ASTM E-162
Flame Spread (Umbrella ins.)	35 (max.)	ASTM E-162
Flame Resistance	V-0 (min.)	UL 94
Tracking Resistance	600 (minutes at 2500V)	ASTM D-2303
Specific Optical Smoke Density	200 (max. 4min. of start)	ASTM E-662

- D. Smoke Toxicity shall comply with MIL-M-14G type MAI-60 test as per AD297457. Gases emitted/produced shall not exceed the following values:

Gases	Values (max. P.P.M.)
Hydrogen Chloride	10
Hydrogen Bromide	10
Hydrogen Cyanide	10
Hydrogen Sulfide	10
Vinyl Chloride	10
Ammonia	500
Aldehydes	30
Oxides of Nitrogen	100
Carbon Dioxide	10,000
Carbon Monoxide	1,000

- E. Fiberglass insulators shall be capable of withstanding the mechanical forces generated when a short circuit current of 200,000 amperes D.C. for 100 milliseconds occurs on the system.

TESTING

- A. Electrical Resistance Test. A test shall be made on five insulators chosen at random by PATH to determine the insulation resistance after 72 hours immersion in water at room temperature. With all surfaces carefully dried, the insulators shall show a resistance of not less than eight mega-ohms when measured by a 1,000 volt, direct current ohmmeter. For this test, good contacts shall be provided by the use of a wet clay pad on the top of the insulator and wet clay half filling the pinhole.
- B. Compression Load Test. The insulators shall be supported on a flat base and a load applied to the cap along the vertical axis of the insulator. The load shall be distributed over the entire cap surface. The insulator shall sustain a minimum compressive load of 20,000 pounds. The five insulators used in the compression test shall not be accepted as part of the order.

MANUFACTURE

- A. Fiberglass insulators shall be produced by a molding process utilizing the latest manufacturing processes.

- B. Fiberglass insulators shall conform to the specified dimensions. The allowable deviation is $\pm 1/16$ inch from the specified dimensions unless otherwise indicated.
- C. Fiberglass insulator surfaces are to be smooth, free from voids and imperfections. Insulators with voids greater than 0.030 inches will not be accepted.
- D. Fiberglass insulator color shall be gray No. 70 conforming to ANSI Z55.1. The color shall be uniformly dispersed throughout the molding compound with minimum variance in color between insulators of any one lot.

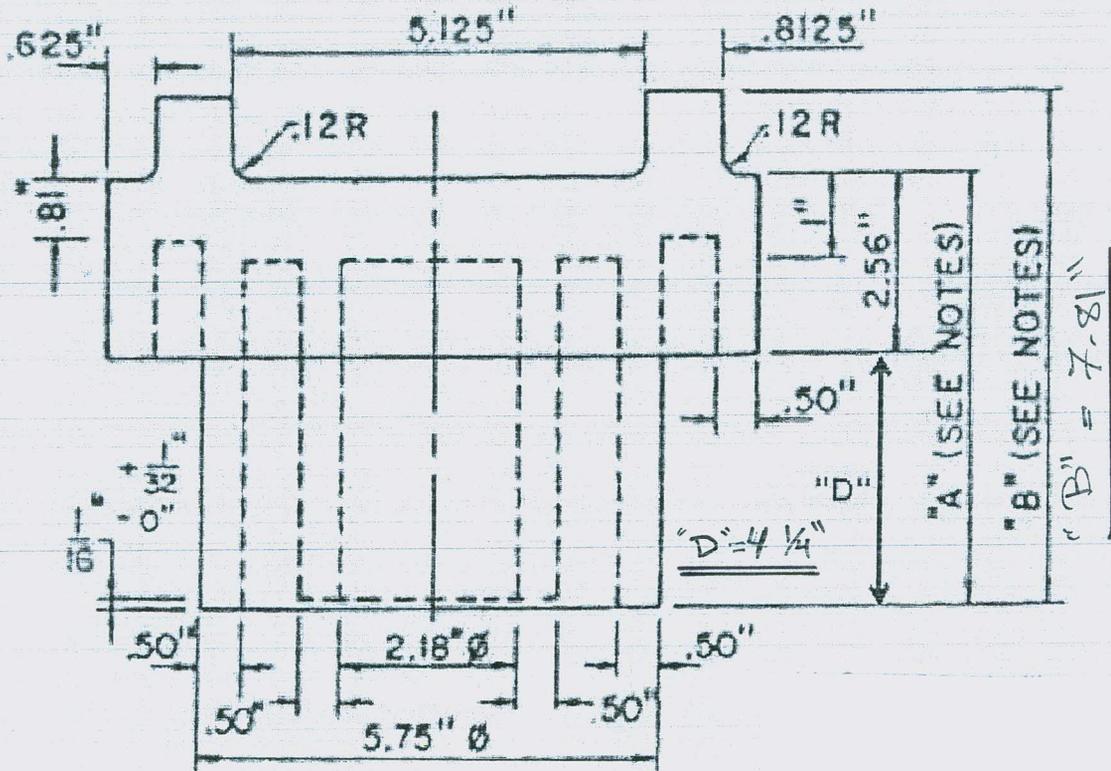
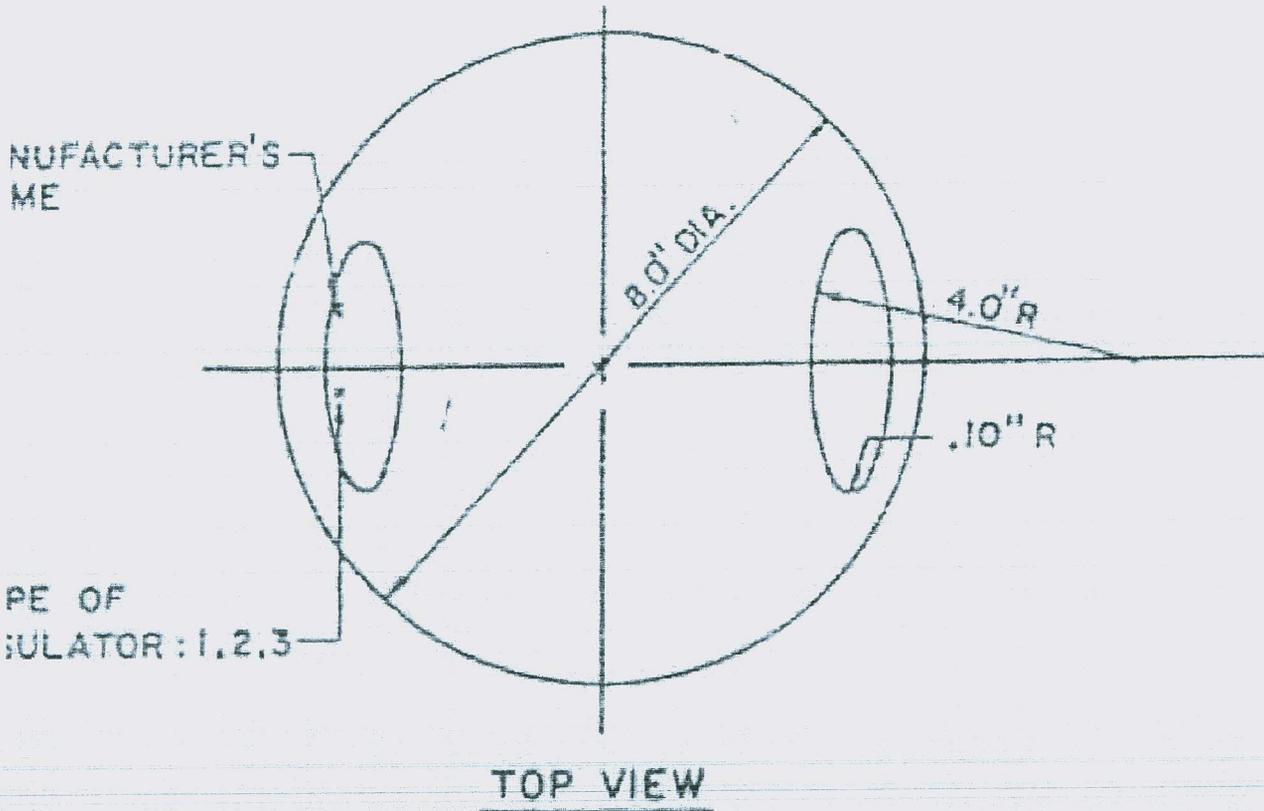
DRAWINGS

- A. The manufacturer shall, within thirty days of receipt of signed purchase order, submit for approval shop drawings of the fiberglass insulator. Such drawings shall consist of scale and full size drawings showing in detail all dimensions, kind and quantity of materials, specifications and any other information required for the fabrication of the insulator. Fabrication work shall not commence until the manufacturer has received approval of the submitted drawings. The cost for preparation and submittal of said drawings is to be borne by the vendor.

INSPECTION AND SHIPPING

- A. The vendor shall, at his own expense, provide adequate facilities for the inspection of the fiberglass insulator by a representative of the Authority during the course of manufacturing.
- B. Prior to the acceptance and delivery of the fiberglass insulators, the vendor shall submit for approval two copies of notarized, certified test reports from a recognized independent laboratory (approved by the Authority) that the material to be supplied conforms to these specifications. The cost for testing and shall be borne by the manufacturer. Compliance, under this section, will be justification for acceptance and payment.
- C. Fiberglass insulators shall be carefully prepared for shipment to prevent any damage in transit. Any fiberglass insulator found damaged in shipment will be rejected and shall be removed and replaced by the vendor at his own expense.
- D. The fiberglass insulators shall be packed in weather protective cartons. Each carton is to be plainly marked indicating materials, quantity contained therein, and name of manufacturer. All cartons shall be stacked and secured in an open bed trailer truck and shipped to specified locations for removal with overhead cranes or high-lifts.

END OF SECTION



DIM.	A	B	D
	6.81"	7.81"	4.25"

(INSULATOR FOR 84C - TYPE A
COMPOSITE CONTACT RAIL.)