

REQUEST FOR QUOTATION

<p>Contact person/Telephone Srividya Deshpande/212-435-4637</p>	<p>Collective# / / Bid Due Date 0000042390 / / 05/21/2015 Bids must be received no later than 11:00 AM on the above Bid Due Date.</p> <p>Deliver Goods/Services To: Path Consolidated Maintenance Facility Academy Street Jersey City NJ 07302</p>
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Quantity	Description	Unit Price	Total
	<p>RE-BID: Supply and deliver Bonded Insulated Joint Plug.</p> <p>DELIVERY TO:</p> <p style="margin-left: 20px;">Consolidated Maintenance Facility, 120 Academy Street, Jersey City, New Jersey 07302. Hours of delivery: Mon - Fri from 8:00 AM - 2:00 PM</p> <p>PATH material number to be marked on all packages.</p> <p>Indicate delivery lead time from receipt of purchase order: _____.</p> <p>PLEASE BE SURE TO COMPLETE ENTIRE BOTTOM PORTION OF RFQ AND SUBMIT ALL PAGES IN RETURN.</p> <p>*** PLEASE NOTE: PATH WILL BE PROVIDING THE REQUIRED PIECES OF THE 100-8 39' RAIL TO THE AWARDEE. ***</p> <p>Questions concerning bid may be addressed to Srividya Deshpande at 212-435-4637 or sdeshpande@panynj.gov</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

Bid Due Date
 05/21/2015

Quantity	Description	Unit Price	Total
	<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 the bid opening for awards not exceeding \$1,000,000. My firm was certified as a _____ on _____.</p> <p>This is a Formal Bid Invitation.</p> <p>Mail Sealed Bids to:</p> <p>The Port Authority of NY & NJ Attention: Bid Custodian Procurement Department 4 World Trade Center (4 WTC) 150 Greenwich Street, 21st Floor New York, NY 10007</p> <p>by the date and time listed above, where it will be publicly opened and read. Bids are only accepted 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. You must clearly mark the outside envelope/package with "BID ENCLOSED" and show your company name and address, as well as the Bid number and Due date as stated on thbid document. A valid photo ID is required to gain access into the building to attend the bid opening or hand deliver a bid.</p>		
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REQUEST FOR QUOTATION

Bid Due Date
 05/21/2015

Quantity	Description	Unit Price	Total
18 EA	115RE Bonded Insulated Joint Plug Bonded Insulated Joint Plug - 39 feet long, made from Head Hardened rail, with 6-hole bars for rails drilled 3-1/2" x 6" x 6"; 1" A490 bolts and 1/4" end post. Plugs to have blind ends. As manufactured by L.B. Foster Company or approved equal.		
18 EA	100-8, or 100RB Bonded Insulated Joint Plug - 39 feet long, made from Head Hardened rail, with 6-hole bars for rails drilled 2-23/32" x 7-1/4" x 5-1/2" at 2-65/128" above base. A490 bolts and 1/4" end post. Plugs to have blind ends. As manufactured by L.B. Foster Company or approved equal.		
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 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 BONDED INSULATED JOINT ASSEMBLIES**

Rev 4/30/2015

56.1.0 General**56.1.1 Scope**

This specification covers PATH's requirements for furnishing bonded insulated joint assemblies for joining continuous welded rail for use in transit track.

56.2.0 Technical Requirements**56.2.1 Material**

- A. Bonded insulated joint assemblies shall be manufactured to conform to the Bid Documents as specified herein.
- B. Bonded insulated joint assemblies shall consist of joint bars, rails, end posts, bushings, rail insulation, adhesive, bolts, nuts and washers. Separator blocks shall be provided for guard rail bonded insulated joint assemblies.
- C. Joint bars shall be in accordance with the AREMA Manual Volume 1 chapter 4, Joint Bars. Use of alloy steel bars shall be subject to PATH approval.
- D. All rail ends to be beat treated to a Brinell hardness of 363 to 401 (insulated joint end only).
- E. End posts shall be an electrical grade polyurethane, polypropylene or polyamide (nylon) epoxy laminate, or approved equal. Phenolic micarta based materials will not be acceptable.
- F. Bushings shall be filament wound insulator thimbles of synthetic fiber.
- G. Rail Insulation shall be a synthetic electrical grade fiber laminate.
- H. Adhesive shall be a structural themoset compound.
- I. Bolts and nuts shall be in accordance with the AREMA Manual Volume 1 chapter 4, Bolts and Nuts.
- J. Washers shall be in accordance with the AREMA Manual Volume 1 chapter 4, Spring and Plain Washers.
- K. Separator blocks shall be malleable or gray cast iron in accordance with the AREMA Manual, Malleable Iron Castings, or Gray Iron Castings.

- L. Paint shall be in accordance with the AREMA Signal Manual Part 14, Insulating Materials.
- M. PATH will be providing the required pieces of the 100-8 39' rail to the awardee.

56.2.2 Dimensions

- A. Bonded insulated joint assembly dimensions shall be as indicated on the bid documents.
- B. The joint bar section shall provide full contact to the rail web area with an appropriate allowance for the rail insulation thickness. The use of "D" bars are required in order to install Pandrol "E" clips to hold the rail.
- C. Rail dimensions and the location of holes for drilling shall be in accordance with AREMA Manual Volume 1 Section 4, Rail. The length of the rails shall be as indicated in the bid documents.
- D. Joint to be 2 feet offset from center of rail for ease in handling with crane.
- E. The end post thickness shall be 3/8 inch, subject to a tolerance of plus or minus 0.020 inch.
- F. Insulation material thickness for the outside walls of the bushings shall be 0.048 inch, subject to a tolerance of plus 0.016 inch and minus none.
- G. Rail insulation thickness shall be a minimum of 0.0295 inch, pre molded.
- H. Bolts and nuts shall be of a nominal diameter of at least 1 inch.

56.2.3 Performance

Bonded insulated joint assembly performance properties shall be as indicated when tested by the methods specified in Article 56.3.2 of this Section:

1. Alternating current impedance shall be a minimum of 20 Megohms (2.0×10^7 ohms) measured from rail to rail.
2. Rail insulation shall withstand the application of 2,200 volts at 60 Hertz for a time duration of 15 seconds.

3. Water absorption shall be a maximum of 2.4 percent by weight after 4 days of water submersion.
4. Shear strength of the cured adhesive bond shall be a minimum of 3,500 pounds per square inch.

56.2.4 Fabrication

- A. Bonded Insulated joint assemblies shall be fabricated and finished in a manner such that no openings or exposed surfaces of insulation material exist which would permit the penetration of moisture or other foreign substances.
- B. Bonded Insulated joint rails shall be drilled in accordance with the AREMA Manual Volume 1 section 4, Steel Rail. Only the two innermost bolt holes of the extreme ends of each rail shall be drilled to permit temporary connections to existing bolted track. Holes shall be drilled only when specified on the purchase order.
- C. Insulated joint rail ends to be bonded shall be thoroughly cleaned to bare metal and degreased.
- D. Bonded insulated joint adhesive shall be applied to the entire assembly to ensure distribution throughout the entire insulation contact area, end post, bolt holes and exposed threads. Excess compound shall be distributed around the joint bars and exposed fasteners.
- E. Bonded Insulated joint assemblies shall be cured at an appropriate temperature for a suitable time duration such that the full bond strength of the adhesive is developed.
- F. Bonded insulated joint bar areas shall be painted with one coat of dielectric paint meet or exceed the dielectric requirements of the AREMA Signal Manual.

56.2.5 Marking

- A. Each bonded Insulated Joint assembly shall be identified with the manufacturer's name, serial number and date of manufacture.
- B. Bonded insulated joint rails shall be marked with the length on each extreme end on the top of the rail approximately one foot from the end.

56.3.0 Quality Assurance

56.3.1 Inspection

PATH's Inspector shall have free entry to the manufacturer's plant during normal working hours.

56.3.2 Testing

- A. The manufacturer shall, at no additional cost to PATH, have performed all tests necessary to assure that all bonded insulated joint assemblies are in accordance with the specifications. The following tests, unless otherwise indicated, shall be performed in accordance with AREMA practice:
1. Insulation impedance tests shall be performed with calibrated electrical instruments.
 2. Insulation voltage withstand tests shall be performed with a high voltage source and calibrated electrical instruments.
 3. Water absorption tests shall be performed in accordance with the current ASTM Designation D570, Standard Test Method for Water Absorption of Plastics.
 4. Shear strength tests of adhesive shall be performed In accordance with the current ASTM Designation D1002, Standard Test Method for Strength Properties of Adhesives In Shear by Tension Loading (Metal-to Metal).
- B. If the results of any test do not conform to the specifications, an additional test series of each kind shall be made on a further two samples from the same lot. Failure of any of these additional tests will be cause for rejection of the entire lot.

56.4.0 Shipment and Acceptance

56.4.1 Shipment

- A. Bonded insulated joint assemblies shall be shipped to the locations indicated in the Bid Documents.
- B. Bonded insulated joint assemblies shall be loaded head up and in layers and shall be positioned between strips of wood to prevent damage during shipment.
- C. Bonded insulated joint assemblies with different rail lengths shall be delivered

in a common load but shall be grouped according to their size.

56.4.2 Acceptance

- A. Final acceptance of bonded insulated joint assemblies will be subject to verification of count and inspection.
- B. Bonded insulated joint assemblies which do not comply with AREMA Manual and PATH's requirements or which, notwithstanding tests, inspection or acceptance at any previous time or location are found to contain deficiencies, will be rejected.
- C. The manufacturer shall assume the expense of handling and transporting rejected material.