



REQUEST FOR QUOTATION

<p>Contact person/Telephone Larry Waxman/201-395-3451</p>	<p>Collective# 0000038567 Bid Due Date 07/22/2014 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 Shop Academy Street Jersey City NJ 07302</p>
--	---

Quantity	Description	Unit Price	Total
	<p>TUNNEL TRACK VERY RAPID HARDENING CONCRETE PROJECT. THREE (3) YEAR REQUIREMENTS CONTRACT FOR PATH. RAPID SET CONCRETE, CRUSHED STONE AND BONDING AGENTS.</p> <p>IN accordance with "PORT AUTHORITY TRANS-HUDSON CORPORATION PROCUREMENT CONTRACT FOR TUNNEL TRACK VERY RAPID HARDENING CONCRETE" dated May 14, 2014 (NINE PAGES)AND NOTES STATED BELOW.</p> <p>NOTE: DETAILED PRICING SHEETS ON ATTACHMENT PAGES 8 AND 9.</p> <p>NOTE: CRUSHED STONE AGGREGATE FURNISHED AND DELIVERED IN SPECIAL NON-RETURNABLE BAGS.</p> <p>NOTE: RAPID SET CONCRETE WITH SYNTHETIC FIBERS.</p> <p>PLEASE FOLLOW RETURN TO BID INSTRUCTIONS. REPLY ONLY ON PATH / PA REQUEST FOR QUOTATION FORM AS ATTACHING YOUR COMPANY'S TERMS &</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
07/22/2014

Quantity	Description	Unit Price		Total	
	<p>CONDITIONS MAY CAUSE YOUR BID TO BE DEEMED NON RESPONSIVE AND OR DELAY AN AWARD ISSUED. QUOTE FOB DELIVERED PRICING ON ALL ITEMS.</p> <p>WITH BID RESPONSE ADVISE MATERIAL(S) TO BE OFFERED: ITEMS:1,5 AND 9 MANUFACTURER: _____ PLANT LOCATION: _____ MAKE/MODEL/PART NUMBER: _____</p> <p>ITEMS:2,6 AND 10 MANUFACTURER: _____ PLANT LOCATION: _____ MAKE/MODEL/PART NUMBER: _____</p> <p>ITEMS:3,7 AND 11 MANUFACTURER: _____ PLANT LOCATION: _____ MAKE/MODEL/PART NUMBER: _____</p> <p>ITEMS:4,8 AND 12 MANUFACTURER: _____ PLANT LOCATION: _____ MAKE/MODEL/PART NUMBER: _____</p> <p>INCLUDE WITH YOUR BID RESPONSE TWO COPIES OF CATALOG CUTS/SPECIFICATIONS/DRAWINGS FOR</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
07/22/2014

Quantity	Description	Unit Price		Total	
	<p>PATH/ PORT AUTHORITY REVIEW AND APPROVAL.</p> <p>IN THE EVENT OF AN ORDER:</p> <p>PATH FACILITY INFORMATION: Deliver to: Consolidated Maintenance Facility, 120 Academy Street, Jersey City, New Jersey 07302. Delivery must be made between the hours of 8:00 AM and 2:00 PM weekdays. Contact Mr. John Wargo 24 hours prior to delivery at (201) 264-7770 for instructions.</p> <p>Invoices for payment must be sent to: Port Authority Trans-Hudson Corporation 120 Academy Street Jersey City, New Jersey 07302 Attention: Yifeng Mao ...END...</p> <p>PLEASE FOLLOW RETURN TO BID INSTRUCTIONS. REPLY ONLY ON PATH / PA REQUEST FOR QUOTATION FORM AS ATTACHING YOUR COMPANY'S TERMS & CONDITIONS MAY CAUSE YOUR BID TO BE DEEMED NON RESPONSIVE AND OR DELAY AN AWARD ISSUED.</p> <p>A price preference of 10 % is available for NY/NJ Minority and Women Business Enterprises (M/WBE) or 5% for NY/NJ</p>				
	<p>PLEASE QUOTE FULLY DELIVERED PRICES</p>	<p>PAYMENT TERMS</p>		<p>Total Delivered Price</p>	

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
07/22/2014

Quantity	Description	Unit Price		Total	
	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 _____.				
	QUESTIONS ONLY CONTACT: LARRY WAXMAN TEL: 201 395 3451 OR EMAIL: Lwaxman@panynj.gov				
	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
07/22/2014

Quantity	Description	Unit Price		Total	
	<p>This is a Formal Bid Invitation Mail Sealed Bids to:</p> <p>The Port Authority of NY & NJ Attn: Bid Custodian Procurement Department 2 Montgomery Street, 3rd Floor Jersey City, NJ 07302</p> <p>by the date and time listed above, where it will be publicly opened and read.</p> <p>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.</p> <p>If you do not use or have an envelope provided, you must clearly mark the outside envelope/package with 'BID ENCLOSED' and show the company name, address, as well as Bid number and Due date as stated on this bid document.</p> <p>A valid photo id is required to gain access into the building, to attend the bid opening or hand deliver a bid.</p>				
150 EA	<p>2,000 pound R.S. CONCRETE IN BAG</p>				
	<p>PLEASE QUOTE FULLY DELIVERED PRICES</p>			<p>Total Delivered Price</p>	

**PAYMENT
TERMS**

PLEASE QUOTE FULLY DELIVERED PRICES

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
07/22/2014

Quantity	Description	Unit Price		Total	
	containing special rapid set concrete with synthetic fibers. All in accordance with "PORT AUTHORITY TRANS-HUDSON CORPORATION PROCUREMENT CONTRACT FOR TUNNEL TRACK VERY RAPID HARDENING CONCRETE" dated May 14, 2014 Deliver to: Consolidated Maintenance Facility, 120 Academy Street, Jersey City, New Jersey 07302. Delivery must be made between the hours of 8:00 AM and 2:00 PM weekdays. Contact Mr. John Wargo 24 hours prior to delivery at (201) 264-7770 for instructions. Invoices for payment must be sent to: Port Authority Trans-Hudson Corporation 120 Academy Street Jersey City, New Jersey 07302 Attention: Yifeng Mao				
150 EA	2,000 LB crushed stone aggregate IN BAG in special non-returnable bags.				
150 GAL	Bonding Agent in one gallon containers				
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
07/22/2014

Quantity	Description	Unit Price		Total	
60 EA	Bonding agent in five gallon containers				
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.

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.

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

Bidder
Must
Sign
In
Two
Places

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 (201) 395-3405 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.

BIDA 38567
10094060

PORT AUTHORITY TRANS-HUDSON CORPORATION
PROCUREMENT CONTRACT FOR
TUNNEL TRACK VERY RAPID HARDENING CONCRETE
(Detailed Price sheets Pgs 8-09)

Revised May 14, 2014

SECTION 1 - GENERAL TERMS AND CONDITIONS

1.0 INFORMATION TO BIDDERS

- A. It is the intent of the Port Authority of NY & NJ and/or the Port Authority Trans-Hudson Corporation (PATH) to award an order to one Bidder based on the total estimated delivered price for all items. However, the Port Authority shall have the absolute right to reject any or all bids or to accept any bid in whole or in part and to waive defects in bids.
- B. Each Bidder shall insure that all information and figures are inserted as required and that all computations have been verified for accuracy. Bidders are advised that the Port Authority may verify only the quotation or quotations that it deems appropriate and may not check each bid for errors in computation. The Port Authority reserves the unqualified right to recalculate any and all extensions set forth by the Bidder. In the event there is a discrepancy between any unit price listed and the "Extended Bid Price" or the "Total Extended Contract Price," the Bidder's unit price, shall prevail.

1.1 GENERAL AGREEMENT

- A. The Vendor agrees to furnish and deliver on an "as needed" basis to the Port Authority the items set forth in the Request for Quotation, within the calendar days specified herein.
- B. The furnishing and delivery shall be at the prices bid in the Request for Quotation and as shown on the Price Schedule attached to these Specifications. The contract term is for three (3) years beginning on the date of the Award.
- C. Quantities shown are for bid evaluation only and there are no guarantees as to the quantity, if any, that may actually be ordered. In full consideration for the performance of all duties and obligations hereunder, the Vendor agrees to accept from the Port Authority a compensation consisting of payment for the items or services supplied by the Vendor computed at the Bid Prices shown on the Price Schedule. The "Unit Prices" bid shall be firm during the terms of this contract. The "Unit Prices" bid shall not exceed two decimal places.

1.2 TERMINATION

- A. The Port Authority may terminate this contract with cause or without cause at any time upon ten (10) days written notice to the Vendor and in such an event this Contract shall cease and expire on the date set forth in the notice of termination as fully and completely as though such date was the original expiration date. Such cancellation shall be without prejudice to the rights and obligations of the parties arising out of portions of this agreement already performed but no allowance shall be made for anticipated profits. The

Vendor shall complete delivery of all items ordered before receipt of the notice of termination.

1.3 CONFLICT OF TERMS AND CONDITIONS

- A. In the event of any conflict between these contract terms and conditions and the terms and conditions on the "Request for Quotation" form, these standard terms and conditions shall prevail.

1.4 DELIVERY

- A. Delivery shall be, FOB delivered, to locations listed. All deliveries shall be made between the hours of 7:00 a.m. and 2:00 p.m. weekdays only unless otherwise noted in the specifications. The Shipper must contact Mr. Joe Galluccio 24 hours prior to delivery at (201) 602-8985 for instructions.
- B. All deliveries must be accompanied by an original packing slip, which shall always contain:
 - 1. The Port Authority Purchase Order Number.
 - 2. A description of each item and date of shipment.
 - 3. The quantity shipped of each item.
 - 4. The Vendor's packing slip/invoice number.

1.5 MATERIAL SAFETY DATA SHEETS

- A. When required by Federal, State or Local law, a Material Safety Data Sheet must be included with all deliveries. Safety Data Sheets are to be delivered to PATH at: 120 Academy St., Jersey City, NJ 07302, Attention Mr. S. Abramopoulos, prior to the start of the contract.

1.6 UNION JURISDICTION

- A. The Vendor is advised to ascertain whether any union now represented or not represented at the facility will claim jurisdiction over any aspect of the operation to be performed hereunder including delivery. All shipments must be 'inside delivery'.

1.7 BILLING

- A. An invoice with a unique invoice number must be issued for all deliveries. The vendor must attach backup delivery receipts with Purchase Order number and release number. Unless otherwise specified in the Order, mail all invoices to the address specified on the Purchase Order documents.

SECTION 2 - TECHNICAL SPECIFICATIONS

2.1 GENERAL

This section specifies PATH requirements for furnishing Very Rapid Setting Mortar, bonding adhesive, and crushed stone aggregate. The Very Rapid Setting Mortar may be extended with ASTM C33 stone aggregate and used in the repair of concrete surrounding wood railroad ties. The mortar shall be prepackaged, a cementitious-based blend of rapid hardening cement, sand, and additives, capable of being used neat, or extended with ASTM C-33 aggregate to produce a workable and durable mix. The concrete base that will receive the material will be power washed prior to application of the bonding agent. Material will be required to bond to existing concrete and achieve required set.

2.2 REQUIREMENT

This is a requirements contract to furnish and deliver the above specified blend of cementitious-based materials to be mixed in the PATH volumetric mobile mixer and extended by 50% by weight with ASTM C33 stone aggregate. Vendors must have experience with mixes designed to be used in volumetric mixers. The proposed blend to be supplied must work in the PATH volumetric mixer. The Vendor shall specify on each bag furnished, the amount of water required for properly blending the materials to achieve the desired results. Quantities shown are estimates for bid evaluation only. PATH makes no guarantee what quantity, if any, will be ordered. Material must maintain a working time of 30 minutes in temperatures from 50°F to 90°F.

2.3 TECHNICAL REQUIREMENTS

Materials shall comply with the following:

Physical Properties	Required	Test Method
Initial Time of Set	30 minutes minimum	ASTM C 403
Final Time of Set	60 minutes maximum	ASTM C 403
Compressive Strength (Neat)		
2 hours	3000 psi	ASTM C 109
28 days	6000 psi	ASTM C 109
Compressive Strength With Coarse Aggregate Added		
2 hours	3000 psi	ASTM C 39
28 days	6000 psi	ASTM C 39
Length Change Less than -0.10% in air		
neat	-0.060	ASTM C 157
extended	-0.030	ASTM C 157
Bond Strength		
Neat or Extended	200 psi min. @ 28 days	ACI-503R

2.4 LIMITATION

All material shall be batched in accordance with the manufacturer's recommendations.

2.5 BONDING ADHESIVE

Bonding adhesive shall be a moisture insensitive, structural epoxy adhesive. It shall help to bond fresh concrete to hardened concrete. It shall be low odor, high strength and easy to use. Adhesive shall be either a two-component system to be blended prior to use or premixed material ready to use. Material shall have a one-year minimum shelf life. Adhesive bond strength when determined by ASTM C 882, Grade 2 shall measure 2,500 psi minimum at 2 days and 2,900 psi minimum at 14 days. Bonding adhesive shall be furnished in one gallon, and in five-gallon containers.

2.6 CRUSHED STONE AGGREGATE

- A. The following specifies requirements for furnishing No.8 crushed stone aggregate to be used in concrete batching operations on the PATH system.
- B. Tests of materials shall be made in accordance with appropriate standards of the American Society for Testing and Materials (ASTM) listed, or as otherwise specified.
- C. Aggregates shall conform to the requirements of ASTM C 33, Standard Specification for Concrete Aggregates subject to the limiting test values specified below.
- D. Crushed stone aggregate shall consist of crushed stone having hard, strong durable pieces, free from adherent coatings, and conforming to the requirements of these specifications.

2.7 SAMPLING AND TESTING OF AGGREGATE

- A. Samples shall be secured in accordance with ASTM Method of Test, designation D 75 and ASTM C 702.
- B. Sieve analysis shall be performed in accordance with ASTM Method of Test, designation C 136.
- C. Material finer than the No. 200 sieve shall be determined in accordance with ASTM Method of Test, designation C 117.
- D. The bulk specific gravity and percentage of absorption shall be determined in accordance with the ASTM Method of Test, designation C 127.
- E. The percentage of clay lumps and friable particles shall be determined in accordance with the ASTM Method of Test, designation C 142.
- F. The resistance to degradation shall be determined in accordance with the ASTM Method of Test, designation C 131.

- G. The sodium sulfate soundness test shall be made in accordance with the ASTM Method of Test, designation C 88.
- H. Representative samples shall be selected and sent to the testing laboratory at frequent intervals as directed by the PATH Engineer.

2.8 LIMITING TEST VALUES

- A. Aggregates not meeting the requirements of these specifications will not be accepted for use. Samples shall be tested by a PATH approved laboratory to verify conformance with the specifications.
- B. Crushed stone aggregate shall conform to the following gradation when tested with laboratory sieves conforming to ASTM specification E 11:

Nominal Size Square Sieve Opening	Percent Passing by Weight
½”	100
3/8”	85-100
No.4	10-30
No.8	0-10
No.16	0-5

- C. Materials finer than the No. 200 sieve as measured by the test described above, shall not exceed 1%.
- D. When measured in testing described above, the bulk specific gravity of the material shall have a limiting minimum value of 2.60. The absorption percent shall be a maximum value of 2.0.
- E. The percentage of clay lumps and friable particles shall not exceed 0.5% when measured by testing described above.
- F. The resistance to degradation shall not exceed 40% when measured in accordance with testing described above.
- G. The soundness (Sodium Sulfate Test) of the material when measured as tested above shall result in a loss of not more than 12%.

2.9 PRODUCTION, HANDLING AND LOADING

- A. Crushed stone aggregate shall be produced and blended without excessive working of the material. Blending, stockpiling and other production and handling operations shall be managed by the producer to minimize segregation of the finished product. Material shall be washed and/or re-screened as necessary to remove fine particle contamination prior to stockpiling or loading operations.
- B. The PATH representative shall have the right to visit the producers facility during usual business hours unscheduled to obtain representative samples of the prepared material being produced and shipped; to observe sampling and testing procedures to assure compliance with these specifications; to review plant inspection methods, quality control procedures, and examine test results of current and previous tests.
- C. Aggregate shall be loaded and shipped in specially designed fiberglass or plastic bags of necessary strength required for the safe loading, shipping and unloading of the material. Each bag will be loaded and shipped with 2,000 lbs net of aggregate. The bags shall be open top, designed with straps for lifting by crane and provided with a ripcord at the bottom to facilitate unloading the aggregate into a hopper.

2.10 SHIPPING AND ACCEPTANCE

- A. Materials shall be shipped to the location specified in the Bid Documents.
- B. Mortar shall be bagged in bags weighing 2000 pounds, as specified on the bid documents. All bags will be non-returnable.
- C. Bags shall be placed on a non-returnable pallet; each pallet shall then be wrapped with shrink-wrap.
- D. Mortar shall be delivered in lots of a minimum of 8 each of the 2000 pound bags within 72 hours of notification from PATH.
- E. Mortar must be packaged such that material can be emptied into mixer hopper by just opening the bag to release the material or Vendor must submit an acceptable unloading plan.
- F. Final acceptance of materials will be subject to verification of count and inspection.
- G. Materials that do not comply with these requirements or are found to contain deficiencies will be rejected.

MEASUREMENT AND PAYMENT

- A. Crushed stone aggregate will be measured by the number of 2,000 lbs bags delivered in conformance with the specifications.

- B. Mortar cement will be measured by the number of 2,000 lbs bags delivered in conformance with the specifications.
- C. Bonding agent will be measured by the number of one-gallon and five-gallon containers delivered in conformance with the specifications.
- D. Payment for crushed stone will be made at the contract unit price bid for each bag of aggregate delivered in conformance with the specifications for the calendar year in which they are ordered.
- E. Payment for mortar cement will be made at the contract unit price bid for each bag of mortar cement delivered in conformance with the specifications for the calendar year in which they are ordered.
- F. Payment for bonding agent will be made at the contract unit price bid for each one-gallon container and each five-gallon container of bonding agent delivered in conformance with the specifications for the calendar year in which they are ordered.

END OF SECTION

RAPID SET MORTAR/CONCRETE FOR TUNNEL SYSTEM
2014 – 2016

CONTRACT BID PRICE SCHEDULE

<u>Bid Item</u>	<u>Est. Qty.</u>	<u>Unit Measure</u>	<u>Description</u>	<u>Calendar Year</u>	<u>Unit Bid Price</u>	<u>Extended Bid Price (Figures)</u>
1.	50	Each	2000-pound Rapid Set Concrete Bag	(2014)	\$ _____	\$ _____
<hr/>						
2.	50	Each	2000-pound Crushed Stone Bag	(2014)	\$ _____	\$ _____
<hr/>						
3.	50	Each	Bonding Agent in One gal. Container	(2014)	\$ _____	\$ _____
<hr/>						
4.	100	Each	Bonding Agent in Five-gal. Container	(2014)	\$ _____	\$ _____
<hr/>						
5.	50	Each	2000-pound Rapid Set Concrete Bag	(2015)	\$ _____	\$ _____
<hr/>						
6.	50	Each	2000-pound Crushed Stone Bag	(2015)	\$ _____	\$ _____
<hr/>						
7.	50	Each	Bonding Agent in One gal. Container	(2015)	\$ _____	\$ _____
<hr/>						
8.	100	Each	Bonding Agent in Five-gal. Container	(2015)	\$ _____	\$ _____
<hr/>						

9. 50 Each 2000-pound Rapid Set Concrete Bag (2016) \$ _____ \$ _____

10. 50 Each 2000-pound Crushed Stone Bag (2016) \$ _____ \$ _____

11. 50 Each Bonding Agent in One gal. Container (2016) \$ _____ \$ _____

12. 100 Each Bonding Agent in Five-gal. Container (2016) \$ _____ \$ _____

13. TOTAL EXTENDED CONTRACT PRICE (Add Items 1 through 12) \$ _____
