

VENDOR

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State of West Virginia Department of Administration Purchasing Division 2019 Washington Street East Post Office Box 50130 Charleston, WV 25305-0130

Request for Quotation

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SSSSS:ADDRESS CORRESPONDENCE TO ATTENTION OF

FRANK WHITTAKER 304-558-2316

SH-P F0

DIVISION OF PUBLIC TRANSIT

BUILDING 5, ROOM 906 1900 KANAWHA BOULEVARD, EAST CHARLESTON, WV 25305-0432 304-558-0428

TERMS OF SALE SHIP VIA DATE PRINTED FOB FREIGHT TERMS 07/20/2009 BID OPENING DATE: 08/13/2009 OPENING TIME 01:30PM ITEM NUMBER UNIT PRICE AMOUNT LINE QUANTITY UOP ADDENDUM NO.1 ************ THIS ADDENDUM IS ESSUED TO PROVIDE THE ATTACHED CLARIFICATIONS, CHANGES TO THE SPECIFICATIONS, AND THE MANDATORY PRE-BID SIGN SHEET. BID OPENING DATE AND TIME HAVE NOT CHANGED. END ADDENDUM NO. 1 ********* 0001 b06-38 1 CONSTRUCTION OF ADMINISTRATIVE OFFICE AND MAINTENANC SEE REVERSE SIDE FOR TERMS AND CONDITIONS SIGNATURE ELEPHONE DATE TITLE ADDRESS CHANGES TO BE NOTED ABOVE

GENERAL TERMS & CONDITIONS REQUEST FOR QUOTATION (RFQ) AND REQUEST FOR PROPOSAL (RFP)

- 1. Awards will be made in the best interest of the State of West Virginia.
- 2. The State may accept or reject in part, or in whole, any bid.
- 3. All quotations are governed by the West Virginia Code and the Legislative Rules of the Purchasing Division.
- 4. Prior to any award, the apparent successful vendor must be properly registered with the Purchasing Division and have paid the required \$125 fee.
- 5. All services performed or goods delivered under State Purchase Order/Contracts are to be continued for the term of the Purchase Order/Contracts, contingent upon funds being appropriated by the Legislature or otherwise being made available. In the event funds are not appropriated or otherwise available for these services or goods, this Purchase Order/Contract becomes void and of no effect after June 30.
- 6. Payment may only be made after the delivery and acceptance of goods or services.
- 7. Interest may be paid for late payment in accordance with the West Virginia Code.
- 8. Vendor preference will be granted upon written request in accordance with the West Virginia Code.
- 9. The State of West Virginia is exempt from federal and state taxes and will not pay or reimburse such taxes.
- 10. The Director of Purchasing may cancel any Purchase Order/Contract upon 30 days written notice to the seller.
- 11. The laws of the State of West Virginia and the *Legislative Rules* of the Purchasing Division shall govern all rights and duties under the Contract, including without limitation the validity of this Purchase Order/Contract.
- 12. Any reference to automatic renewal is hereby deleted. The Contract may be renewed only upon mutual written agreement of the parties.
- 13. BANKRUPTCY: In the event the vendor/contractor files for bankruptcy protection, this Contract may be deemed null and void, and terminated without further order.
- 14. HIPAA BUSINESS ASSOCIATE ADDENDUM: The West Virginia State Government HIPAA Business Associate Addendum (BAA), approved by the Attorney General, and available online at the Purchasing Division's web site (http://www.state.wv.us/admin/purchase/vrc/hipaa.htm) is hereby made part of the agreement. Provided that, the Agency meets the definition of a Cover Entity (45 CFR §160.103) and will be disclosing Protected Health Information (45 CFR §160.103) to the vendor.
- 15. WEST VIRGINIA ALCOHOL & DRUG-FREE WORKPLACE ACT: If this Contract constitutes a public improvement construction contract as set forth in Article 1D, Chapter 21 of the West Virginia Code ("The West Virginia Alcohol and Drug-Free Workplace Act"), then the following language shall hereby become part of this Contract: "The contractor and its subcontractors shall implement and maintain a written drug-free workplace policy in compliance with the West Virginia Alcohol and Drug-Free Workplace Act, as set forth in Article 1D, Chapter 21 of the West Virginia Code. The contractor and its subcontractors shall provide a sworn statement in writing, under the penalties of perjury, that they maintain a valid drug-free work place policy in compliance with the West Virginia and Drug-Free Workplace Act. It is understood and agreed that this Contract shall be cancelled by the awarding authority if the Contractor: 1) Fails to implement its drug-free workplace policy; 2) Fails to provide information regarding implementation of the contractor's drug-free workplace policy at the request of the public authority; or 3) Provides to the public authority false information regarding the contractor's drug-free workplace policy."

INSTRUCTIONS TO BIDDERS

- 1. Use the quotation forms provided by the Purchasing Division.
- 2. SPECIFICATIONS: Items offered must be in compliance with the specifications. Any deviation from the specifications must be clearly indicated by the bidder. Alternates offered by the bidder as EQUAL to the specifications must be clearly defined. A bidder offering an alternate should attach complete specifications and literature to the bid. The Purchasing Division may waive minor deviations to specifications.
- 3. Complete all sections of the quotation form.
- 4. Unit prices shall prevail in case of discrepancy.
- 5. All quotations are considered F.O.B. destination unless alternate shipping terms are clearly identified in the quotation.
- **6. BID SUBMISSION:** All quotations must be delivered by the bidder to the office listed below prior to the date and time of the bid opening. Failure of the bidder to deliver the quotations on time will result in bid disqualifications: Department of Administration, Purchasing Division, 2019 Washington Street East, P.O. Box 50130, Charleston, WV 25305-0130



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State of West Virginia
Department of Administration
Purchasing Division
2019 Washington Street East
Post Office Box 50130
Charleston, WV 25305-0130

Request for Quotation

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RFQ NUMBER PTR10003

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ADDRESS CORRESPONDENCE TO ATTENTION OF

FRANK WHITTAKER 304-558-2316

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DIVISION OF PUBLIC TRANSIT BUILDING 5, ROOM 906 1900 KANAWHA BOULEVARD, EAST

CHARLESTON, WV 25305-0432

304-558-0428

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Addendum #1 PTR10003

- 1. Page 2 of RFQ: Correct the address of Burgess and Niple to read 4424 Emerson Ave., Parkersburg, WV 26104
- 2. Page 13 of RFQ: The Davis-Bacon Wages apply in Lincoln County.
- 3. Page 14 of RFQ: The substantial completion is to be obtained within 365 days from Notice to Proceed and final completion is to be obtained within 425 days. Total time of project is 425 days.
- 4. For information purposes we have added the Instructions for completing the Contractor's Plan and Confirmation Certification for DBE Participation (3 Pages).
- 5. If bidder would like to review the Phase I or II site assessment. You may obtain a copy from Tri River Transit by calling (304) 824-2944 and ask for Jennifer Woodall, Manger.
- 6. The bidder may accept faxed or scanned to e-mail copies from each DBE sub of bid form #13 to be supplied with bid.
- 7. FOR INFORMATION PURPOSES ONLY: The Division has supplied the questions and answers that were supplied in addendums from the old RFQ.
- 8. Deadline for Questions is July 22, 2009 at 4pm. NO Questions will be answered after this period.

INSTRUCTIONS FOR COMPLETING CONTRACTOR'S PLAN FOR DBE PARTICIPATION AND

DBE PARTICIPATION CONFIRMATION CERTIFICATION

- A. Name each DBE Subcontractor or Supplier that is participating in the project. Please note, to be counted as a DBE, the firm must be certified and listed in the <u>West Virginia Directory of DBE Contractors</u>, found at http://www.wvdot.com/3_roadways/3d9b_contract.cfm
- B. Provide description of work each **DBE Subcontractor** is to perform.
- C. Provide description of material(s) or service(s) to be supplied by each **DBE Supplier**.

NOTE: COMPLETE EITHER "COLUMN B" OR "COLUMN C", AS APPROPRIATE.

- D. The dollar amount or value of each proposed DBE subcontractor or supplier. Please note, the Division of Public Transit shall only count 60 percent of expenditures to DBE suppliers that are not manufacturers provided the supplier is a regular dealer in the product involved. The Division may count the entire expenditure or 100 percent to a DBE manufacturer that is a supplier that produces goods from raw materials or substantially alters them for resale. For DBE suppliers, please enter the appropriate dollar amount or value (either 60% or 100%) and state in the description (Column C) if they are a regular dealer or a manufacturer.
- E. The total dollar value of ALL proposed DBE subcontractors and/or suppliers.
- F. Percentage of DBE participation of total bid amount. Contract DBE Goal is 5%.
- G. Total bid amount.
- H. Authorized signature of the bidder's commitment to use all DBE subcontractors/suppliers listed to meet the DBE contract goal.
- I. Title of person authorized to sign.
- J. This form is to be completed by all proposed DBE subcontractors and/or suppliers for the project. This shall serve as written and signed confirmation from the DBE that it is participating in the contract as provided in the prime **Contractor's Plan for DBE**Participation (make as many copies of this form as necessary).

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BID FORM # 12

WEST VIRGINIA DIVISION OF PUBLIC TRANSIT CONTRACTOR'S PLAN FOR DISADVANTAGED BUSINESS ENTERPRISE® PARTICIPATION

SAMP

It is the intention of this organization to affirmatively seek out and consider disadvantaged business enterprises to participate in this contract as subcontractor and/or Suppliers of materials and services.

	COMPLETE APPROPRIATE COLUMN(S) BELOW	TE COLUMN(S) BELOW	
NAME OF DBE Sub-Contractor	(SUBCONTRACTOR) DESCRIPTION OF WORK TO BE PERFORMED	(SUPPLIER) DESCRIPTION OF MATERIAL OR SERVICE TO BE SUPPLIED	TOTAL DOLLAR AMOUNT @
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- 1. (1) DBE for the purpose of the certificate means a disadvantage business as defined by Special Provisions in the Proposal
- 2. (2) If material is to be supplied the figure in this column shall not exceed 60% of the actual cost unless the material is manufactured by a DBE in which case 100% of the cost can be recorded.
 - 3.3) The total DBE participation as a percentage of the total contract bid amount.
- 4. If the material is not supplied by a regular dealer as defined in 49 CFR 26.55(e)(2)(ii), the figure in this column ② shall include only a reasonable and customary fee or commission for providing a bonafide service.
 - 5. By fully completing and signing this bid form (Bid Form #12), the Contractor shall commit to use a DBE subcontractor(s) to meet the contract goal.
- 6. By submitting Bid Form #13, the Contractor shall submit written and signed confirmation from the DBE(s) that it is participating in the contract as provided in the prime contractor's commitment (Bid Form #12)

Authorized Signature

(Ŧ

Title

H



BID FORM #13

DISADVANTAGED BUSINESS ENTERPRISE PARTICIPATION CONFIRMATION CERTIFICATION

NOTE: BID FORM #13 MUST BE INCLUDED FROM EACH DBE SUBCONTRACTOR/SUPPLIER THAT IS PARTICIPATING IN THE CONTRACT.*

This DBE subcontractor/supplier confirms that he/she is participating in the contract as provided in the prime Contractor's Plan For DBE Participation (Bid Form #12). Signature on this form does not constitute a contract between the prime contractor and subcontractor/supplier.

Date	
Authorities of Ottomorphism	
Authorized Signature	"Ka
Title	
Company Name	6

*Please make as many copies of this bid form as needed.

TRI RIVER TRANSIT ADMINISTRATIVE OFFICES AND MAINTENANCE FACILITY

ADDENDUM NO. 1

TECHNICAL SPECIFICATIONS

- 1. Section 04 05 11, 2.2, B: Add note 4. As follows:
 - "4. Water-Repellent Admixture: Liquid water-repellent mortar admixture intended for us with concrete masonry units, containing integral water repellent by same manufacturer.
 - a. Addiment Incorporated; Mortar Tite.
 - b. Grace Construction Products, a unit of W. R. Grace & Co., Conn.; Dry-Block Mortar Admixture.
 - c. Master Builders, Inc.; Rheomix Rheopel.
 - d. Or Equal."
- 2. Section 087100, 3.2: Delete door position switches from all exterior door hardware sets.
- 3. Section 087100, 3.2: Provide hardware at Door 116D AS FOLLOWS:
 - "All items in Set 16 plus door sound seals at jambs, sill and head."
- 4. Section 101420, 2.2, A: Add Item 5 "size 24"w x 18" high with not less than 300 characters required.
- 5. Section 11 12 18: Delete entire section.
- 6. Section 122110, 1.1, A: Add Item 2 "All exterior and interior windows including sidelights are to be provided with blinds. Exception window Type 4."
- 7. Section 125703, 1.2, B: Change Note 1 to read as follows:

"Two required."

8. Section 220500, 3.5, A: Add the following:

"Provide base for water heater."

9. Section 095110, 2.1, A.1: Change "Miniboard Cortega" to "Cortega"

Questions And Answers From Last RFQ

FOR INFORMATION PURPOSES ONLY.

PLANS

- 1. Sheet A-201 Keynote 6: Change 6-inch concrete to 8-inch concrete.
- 2. Sheet A-201 Keynote 7: Add "see A-302, Section 2".
- 3. Sheet A-202 Wall Type B2: Delete note referring to Stud BRG wall and add the follows:
- 4. "See structural drawings for metal stud BRG wall requirements."
- 5. Sheet A-202 Wall Type D2 and D3: Delete "vinyl". Add "See metal building specification for insulation facing."
- 6. Sheet A-203 Door Schedule Note 2: Delete Note 2 and change to the following:
 - "Provide overhead door manufacturer's standard commercial remote door opening system with 12 handheld remote operators.
- 7. Sheet A-203 Detail H1 and H2: See Sheet A-303, Section 2 for continuous metal flashing at top brick course.
- 8. Sheet A-203 Jamb Type J1 and J2: Extend wall sheathing over face of stud.
- 9. Sheet A-203 Jamb Type J5: Refer to structural drawings for masonry reinforcing.
- 10. Sheet A-206 Finish Schedule: Rooms 108 and 111 to have chair rail per Finish Note 4. Room 108 is to have rubber base. Delete wood base.
- 11. Sheet A-206 Finish Schedule Notes: Add Note 6 "Room 108 and 111 will 2 wall colors."
- 12. Sheet A-303/2: Second line of 4-inch concrete slab note to read as follows:
 - "with 10 mil vapor barrier".
- 13. Sheet A-304 Detail 3: Place continuous exterior joint filler on face of top chord of light gage metal truss adjacent to masonry wall.
- 14. Sheet A-401 General Notes: Add the following note:
 - "7. See Sheet A-301 for additional downspout locations.
- 15. Sheet E-401: Receptacles on LP2-42 to be connected into circuit LP2-6. Circuit 42 to be a spare.
- 16. Sheet E-401 Code Note 17: Add the following:
 - "provide EF-7 motor switch with pilot light and a clear plastic locking cover".
- 17. Sheet A-204 Sill Detail: Cut and slope solid sill brick to drain 3/8-inch. Option: Install as header course with cut brick.

- Sheet A-205 Room 117: Delete note "furniture not in contract". The shelving shown in 18. room is part of contract work. See Specification 105615.
- Sheet A-207 Room 116B: Provide 2 layers 5/8-inch Type "X" gypsum board and ceiling 19. assembly.
- Sheet C-202 Utility General Notes: Add the following: 20.
 - "12. See Drawing F201, General Note D for fire water service line requirements."
- Sheet C-301 Site Sign Detail: Sign will be painted or clear anodized. Custom color as per 21. Architect.
- Sheet E-301 Room 116A: Coordinate light fixture locations with HVAC equipment and 22. ducting.
- Sheet E-301, Room 116B: Provide switch with pilot light. 23.
- Sheet E-501 Code Note 6: Delete note. 24.
- Sheet E-501 Plan: Fire alarm system design shall assume a two zone fire suppression system 25. will be provided.
- Sheet E-501 Sheet Notes D: Delete "CATV Co." from note and add "Contractor". 26. CATV Co will make final connections to their equipment in Room 116C.
- Sheet E-501 Room 104A: Delete CATV outlet. 27.
- Sheet E-501 Code Note 7: Provide tamper and flow switches as required to provide a 28. complete operational system. Coordinate with fire protection equipment supplied.
- Sheet E-701 Light Fixture "J": Delete electronic ballast. 29.
- Sheet E-901 One Line Diagram: Portable generator is not in contract. 30.
- Sheet G-001 Index of Drawings, Sheet 12: Correct spelling "Schedule". 31.

Sheet M-202 - General Notes: Add Note E. as follows:

"Provide 4-inch high concrete base under AHU 1-3."

Sheet M-202 - Sequence of Operation for HVAC Controls: Change unit heaters 9 through 32. 13 to read 10 through 14.

- 33. Sheet M-202 Mechanical Plan Room 125: Change all references of CO2 and NO2 to read CO and O². Basis of design for CO and O² sensor system is as follows: Model TOX-4ANA Controller, Model TOX CO/ANA Carbon Monoxide Sensor and Model TOX-O² ANA sensor. Provide with second stage audible alarm device, door mounted digital display and on/off switch. Set points to be adjustable. The control panel shall override fan off switch. Provide a manual reset to de-energize the alarm with a 5-minute (adjustable) delay. Install not less than 2-CO and 2-O² sensors in Room 125 at locations as recommended by system manufacturer. Provide complete data and shop drawings for a complete installation. Provide a proof demonstration that the system works at the required sensing thresholds. Provide minimum 2 hours of operation and maintenance instruction to Owner.
- 34. Sheet M-202 Code Note 18: Number of sensors and locations to be in accordance with manufacturer's recommendation.
- 35. Sheet M-203 Electric Cabinet Heater Schedule: Delete UH-9 and add UH-14.
- 36. Sheet M-203 Fan Schedule EF-3" CFM to be 6100/3900.
- 37. Sheet P-101 Plumbing Fixture Schedule: Seat color shall be white. Delete Black.
- 38. Sheet P-301/3: Delete note:
 - "4 inches FD below emergency station".
- 39. Sheet V-101: Do not use this sheet for determining the approximate debris pile location.
- 40. Sheet A-202 Wall Type D: Change 31/2-inch batt insulation to 6-inch.

BID QUESTIONS DIRECTED TO FRANK WHITTAKER AND RESPONSES

1. Question:

Page 3 of the RFQ states 425 days to complete, however page 82 of the RFQ (Bid Form #2) states 365 days. Please clarify.

Response:

The projects substantial completion is 365 days. After the substantial completion date is set, then

the contractor has 60 days to meet the final completion date.

2. Question:

Please provide specifications for Asphalt Paving.

Response:

See Sheet C-201, General Note 1 and Sheet C-301 Asphalt Pavement section detail.

3. Question:

Is the "Waste Oil Containment <u>Tank</u>" part of this contract or is it to be provided by the Owner? Please clarify. Notes would hint that it is to be provided by the Owner.

Response:

Tank is not to be provided. Waste oil containment vessel as detailed on C-302 is provided by Contractor.

4. Question:

Has a Geotechnical Subsurface Soil Investigation Report been completed and, if so, is it available for bidder's review?

Response:

See attached soils report.

5. Question:

"AREAS AS SHOWN ON STRUCTURAL DRAWINGS UNDER NEW INTERIOR SLABS ON GRADE SHALL BE UNDERCUT AS NOTED." How much undercut do we figure? Due to the unquantifiable nature of any below grade material that may be classified as unsuitable, if any exists, is impossible to determine at this time. Can you please clarify the amount of undercut we will be required to provide or provide a Quantity or Monetary

Allowance for this UNDERCUT?

Response:

During the construction phase if any unsuitable materials are uncovered, this will be addressed through a change order process. All parties will agree upon the amount and procedure to follow.

6. Question:

Drawing S-201, Note 5 "RPVOIDE SELECT COMPACTED FILL FROM BELOW EXISTING GRADE UP TO SUBGRADE (SHADED AREA) ---- The area of fill is clear, but to what depth? Please provide the depth of fill required.

Response:

1-foot 6-inches from below existing grade. Extent of building undercut volume is in shaded area. Shape of area may be field modified; volume will remain constant.

7. Question:

Also, the specifications (Section 312300) indicates both granular backfill and soil backfill. Which is required?

Response:

Select compacted fill is from on-site soils.

' 8. Question:

Section 033000, Page 23, Article 3.5A: "ACI Grade 1 certified technician employed by the testing laboratory shall be present during the placing of all concrete." ---- This could get quite expensive! Do you really want to pay for a certified technician to stand around all day while we are pouring concrete or can he take the required tests for the day and return to the lab? Please clarify.

Response:

Certified Technician will be required for the purpose of performing required testing and handling of samples taken.

9. Question:

It appears that the debris pile on the project site is a variety of different types of waste material. The site has been used as a dump site. Some of the material is buried and unidentifiable. Should environmental issues arise or hazardous material be uncovered during the removal process, who is responsible? The Supplementary conditions stipulate that the Owner will reimburse the Contractor should this case arise (Article 10.5). However, Article 10.3.3 "Owner shall indemnify and hold harmless the contractor" has been deleted by the same

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Supplementary Conditions. Also, will ALL debris need to be taken to a certified landfill? Please clarify.

Response:

At any point environment issues arise or hazardous materials are uncovered it will be the responsibility of Tri River Transit.

All landfills are certified in the State of West Virginia. If special handling of the materials is required, then the cost of such charges will be the responsibility of Tri River Transit.

10. Question:

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In reference to drawing A-205, please identify which furnishings and equipment are Owner-furnished versus Contractor-furnished.

Response:

Contractor furnished furnishings include items in Specification Section 105615 Storage Shelving which include units in Rooms 116A, 116B, and 117. Case work and counters in Rooms 106, 115, and 123 are provided by Contractor. Remainder of furnishings shown in Rooms 101, 103, 104A, 105, 107, 108, 109, 111, and 123 are by Owner.

11. Question:

Specification Section 105615 Storage Shelving – please clarify location and quantity of storage shelving required. Specs say: Starter Units – Four (4), Add On Units – Eight (*). Are we to include the "Add On Units" in our base price or will these be added later?

Response:

All 12 units are Base Bid.

12. Question:

The specifications call out for wood chair rail, however the Finish Schedule does not indicate any. The Finish Schedules indicates wood base in the conference room. Does the conference room get wood chair rail too? Please clarify.

Response:

Provide wood chair rail in Room s108 and 111.

13. Question:

Brick style and color? Will the brick have bull-nose shapes available?

Response:

Beldon Commodore Full Range from gray group #8530 or equal as shown on Beldon website. Shape is a standard type by custom order.

14. Question:

Colored Mortar?

Response:

Colored mortar is not required.

15. Question:

Water Repellant Add Mixture Required?

Response:

See Addendum specification items.

16. Please use attached pages 2, 4 and 5 of 5 for the ARRA Stimulus Money signs that need to be part of this project.

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17. Question:

Please see question below from one of our subcontractors. Are we using two different types of Standing Seam Metal Roofs on this project? Please clarify.

Response:

Two metal roof types are specified, which is intentional.

One in the metal building spec.& the one for the admin. roof will be spec. section 076110.

18. Question:

The specifications call for ¾" thick tile. The tile is not manufactured in ¾", as it is only available in 5/8". Please clarify the required thickness or ceiling tile type.

Response:

5/8" thickness is acceptable in the Cortega product.

19. Question

Will there be burning allowed on the site?

Response:

Vendor must seek approval from Tri River Transit and all local authorities prior to burning per Specifications.

GEOTECHNICAL INVESTIGATION TRI-RIVER TRANSIT AUTHORITY FACILITY HAMLIN, WEST VIRGINIA

NGE PROJECT NO. W09020

SUBMITTED TO:

BURGESS & NIPLE PARKERSBURG, WEST VIRGINIA

SUBMITTED BY:

NGE, LLC ST. ALBANS, WEST VIRGINIA

MARCH 2009

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FIGURES

1.0 PROJECT DESCRIPTION

The geotechnical investigation was performed for a proposed new facility for Tri-River Translt Authority to be located in Hamlin, West Virginia. The purpose of the investigation was to determine subsurface conditions and provide foundation recommendations for the proposed structure.

The site is located on a vacant lot adjacent to the Lincoln County 911 Center. The proposed construction area is gently sloping, grass covered, and partially wooded. Elevations in the building area range from approximately 706 ft. on the eastern end to 715 ft. on the western side. According to plans furnished by the client, the finish floor elevation will be 709 ft. As such, some fill will be required on the east side and some cut will be necessary on the west side to facilitate site development. It is our understanding the new building will consist of a single-story structure with a concrete slab-on-grade floor. The building will include a 4,500 square ft. office portion of masonry construction and a 9,500 square foot garage consisting of pre-engineered metal construction.

2.0 DRILLING AND SAMPLING PROCEDURES

A total of seven (7) test borings were drilled to evaluate subsurface conditions at the site (Borings TB-1 through TB-7). Borings TB-1 through TB-5 were drilled within the footprint of the proposed structure, and Borings TB-6 and TB-7 were drilled in the area of proposed utility conduits to the southwest of the building. The borings were extended to depths ranging between 15.3 and 16.2 ft. below the ground surface. The boring locations were specified and staked by the client. A site plan showing the approximate boring locations is provided on the attached Boring Location Plan (Figure No. 1).

The test borings were advanced using a track-mounted rotary drilling rig equipped with 3-1/4 inch I.D. hollow stem augers. Standard penetration testing and sampling was performed at 2.5 ft. intervals from the ground surface to a depth of 10 ft. and at 5 ft. intervals thereafter to the boring termination depth. The standard penetration testing and sampling was performed in accordance with ASTM D-1586.

Standard penetration testing is performed by driving a 2.0 inch O.D. split-barrel sampler into the soil with a 140-lb. hammer dropping a distance of 30 inches. The sampler is driven a distance of 18 inches in three 6-inch increments, and the number of blows required to produce the last two 6-inch increments of penetration is termed the Standard Penetration Number or "N" value. These values provide an indication of the consistency or relative density of the soil.

A 1-3/8 inch diameter soil/rock sample was obtained from the borings in conjunction with each penetration test. All standard penetration samples were placed in air-tight glass jars. Upon completion of drilling, all samples were delivered to our laboratory where they were examined by a geotechnical engineer. Soil descriptions, standard penetration numbers, and other pertinent subsurface information are provided on the boring logs (Figure Nos. 2 through 8).

3.0 LABORATORY TESTING

Laboratory tests were performed on selected split-spoon soil samples which were visually determined to be representative of the soil types encountered onsite. The laboratory tests performed for this project consisted of natural moisture content and Atterberg limits (liquid and plastic limits). The laboratory tests aid in classification of the soils and provide a basis for estimating their engineering properties. The results of the lab testing are presented on the boring logs and discussed in Section 4.1 of this report.

4.0 SUBSURFACE CONDITIONS

Test boring logs providing detailed information at each boring location are located in the back of this report (Figure Nos. 2 through 8). A summary of the subsurface conditions encountered in the test borings follows:

4.1 SOIL/BEDROCK CONDITIONS

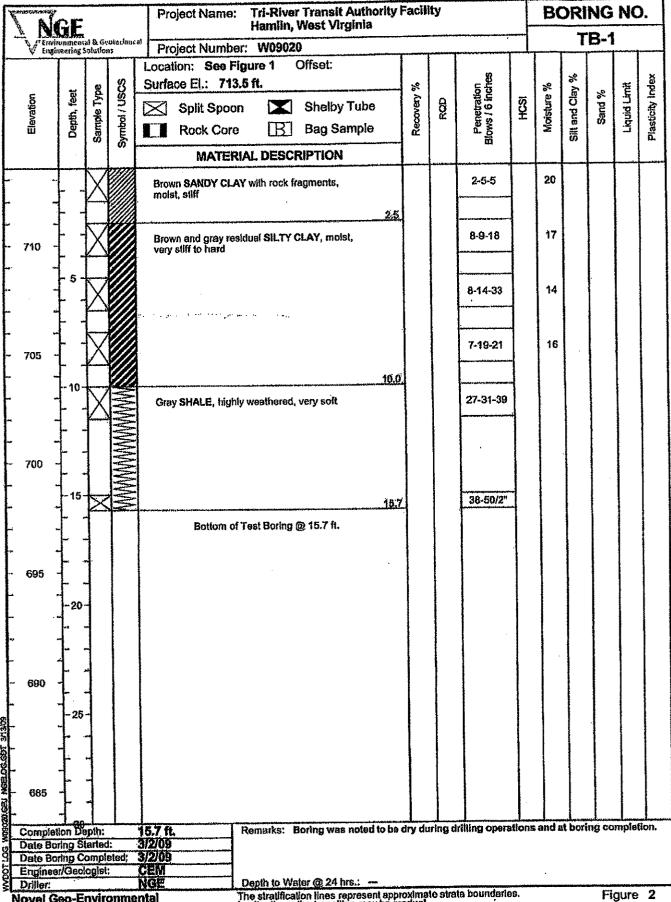
The topmost soil layer encountered at the site consisted of natural silty to sandy clay. Standard penetration N-values within the clay were between 5 and 17 blows per foot of penetration, indicating a medium stiff to very stiff cohesive soil condition.

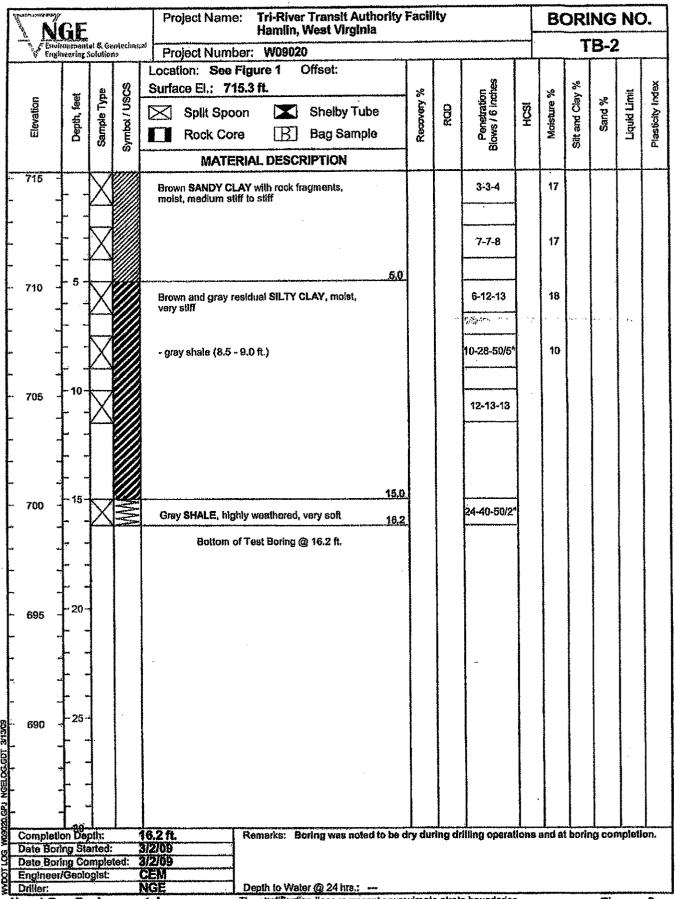
Atterberg limits testing of this clay stratum indicates the clay has moderate plasticity, with a liquid limit of 42 percent and a plasticity index of 14 percent. The clay extended to depths ranging between approximately 2.5 ft. and 5.0 ft. below the ground surface. The silty clay was underlain by residual silty clay. Standard penetration N-values within the residual clay were between 20 and 46 blows per foot of penetration, indicating a very stiff to hard cohesive soil condition. Laboratory testing indicates the clay has a relatively low plasticity, with a liquid limit of 37 percent and a plasticity index of 8 percent.

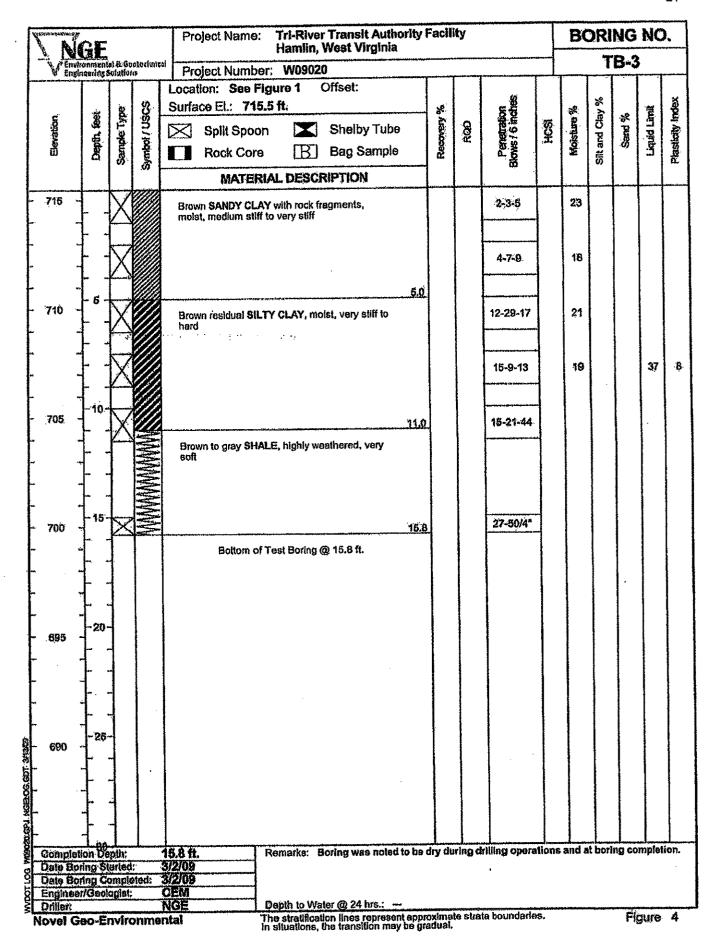
Bedrock was encountered in each of the borings at depths ranging from 2.5 ft. in Boring TB-6 to 15.0 ft. in Boring TB-2. Bedrock strata consisted of highly weathered, very soft to soft shale. All of the borings were terminated in the shale.

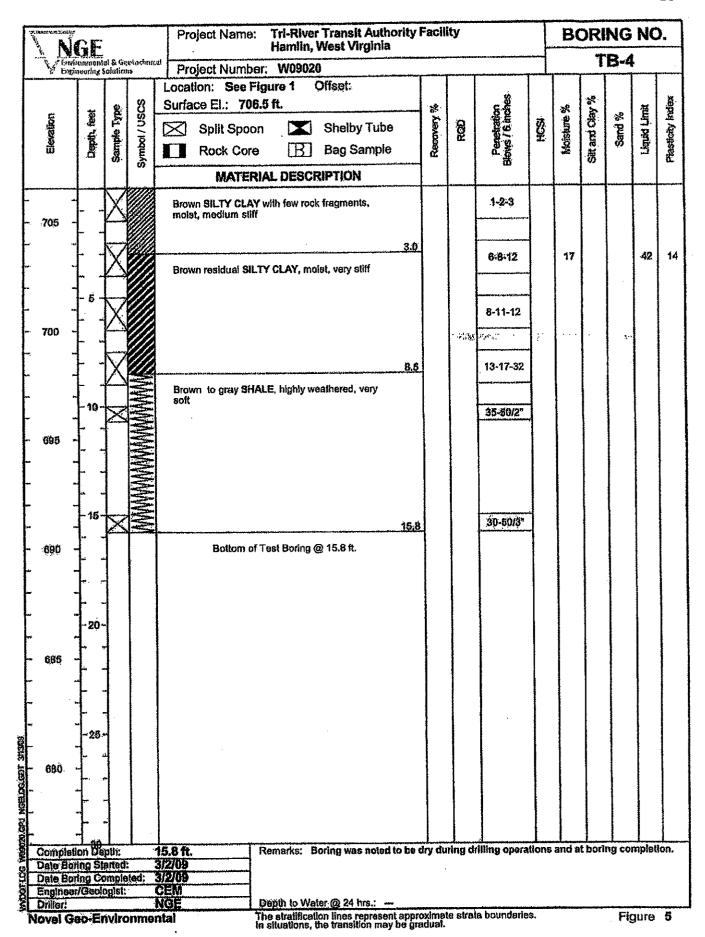
4.2 GROUNDWATER CONDITIONS

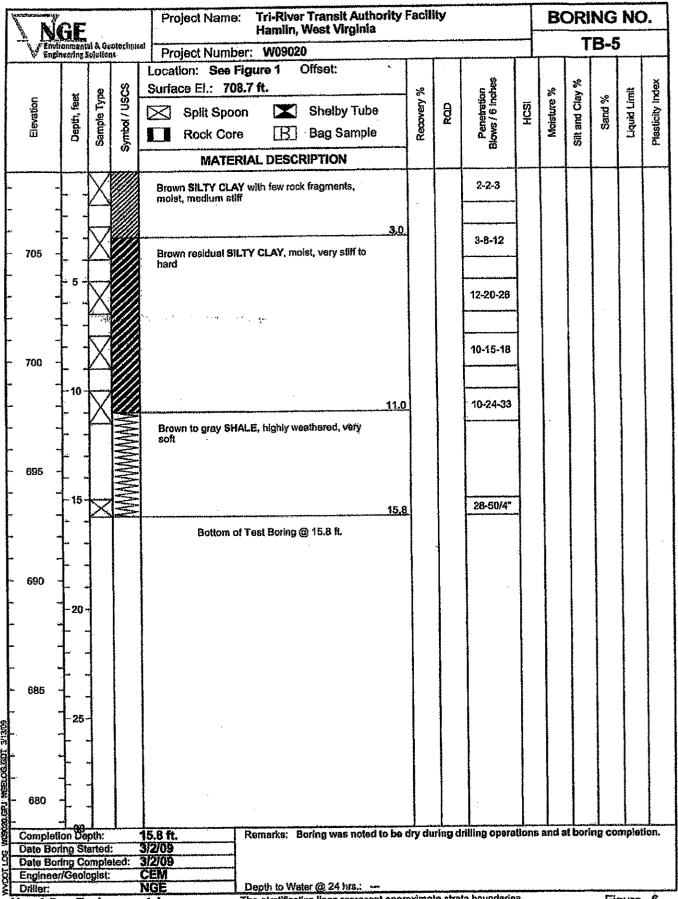
All of the borings were noted to be dry during drilling operations and shortly following boring completion. It should be noted that groundwater levels typically fluctuate and are generally dependent upon climatic conditions. Groundwater conditions during or after construction may differ from those observed during our investigation. All borings were backfilled with auger cuttings upon completion of the drilling.

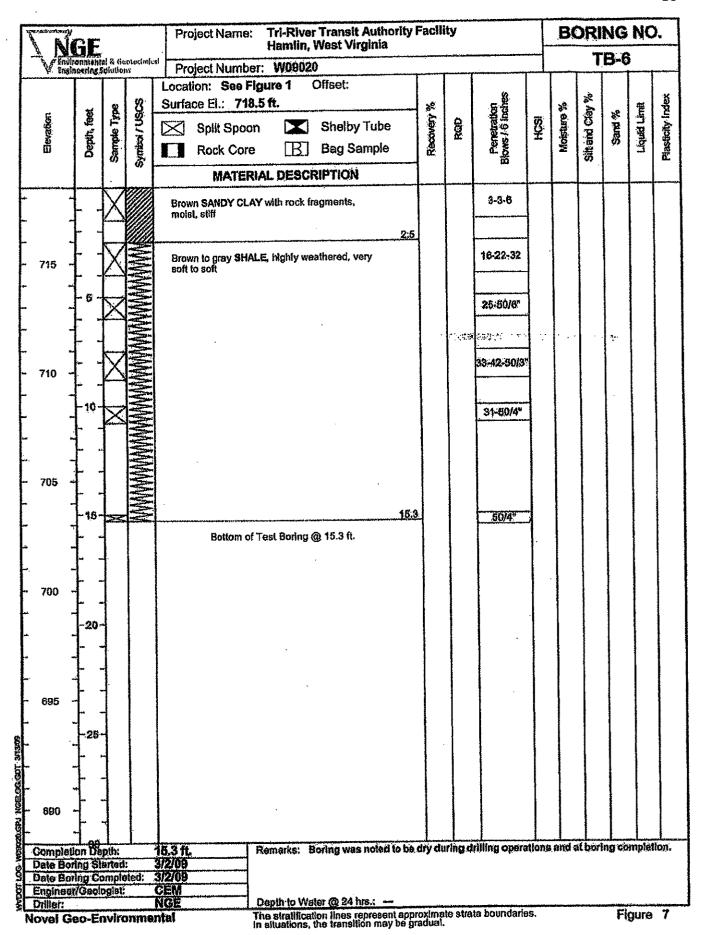




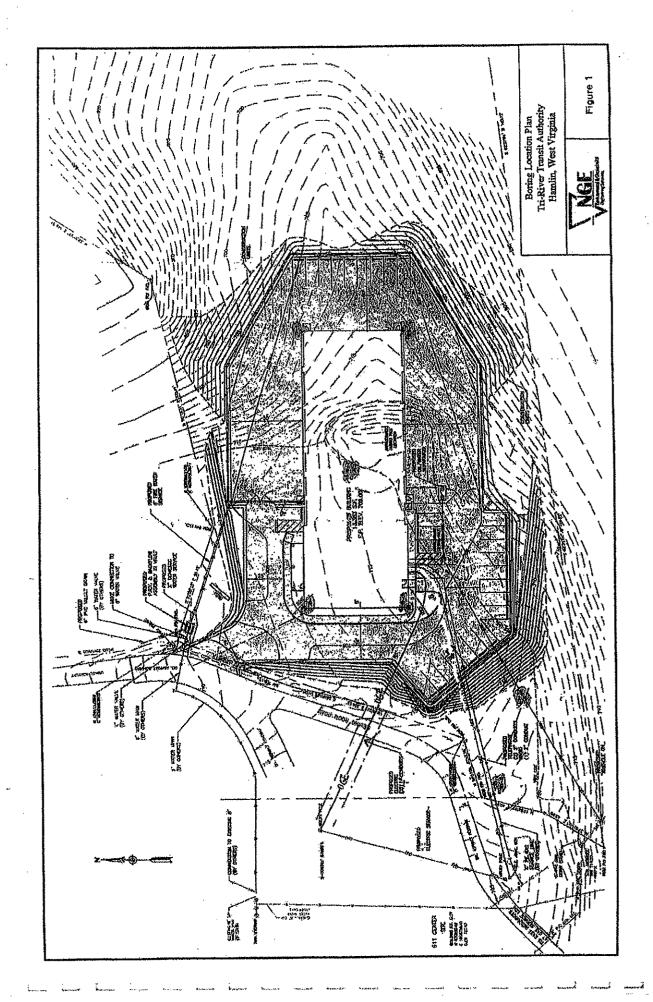








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3/23/2009

PROJECT FUNDING SOURCE SIGN ASSEMBLY AMERICAN RECOVERY AND REINVESTMENT ACT SIGN LAYOUT DETAILS



NOTE: SIGN SHALL NOT BE INSTALLED WITHOUT PROJECT FUNDING SOURCE PLAQUE (SEE SHEET 3).

Dimensions in inches

Α	В	С	D	E	F	G	Н	J	K	L	М	N	Р
120	84	1.5	6	5 D	4.5	8 D*		6 D* (45 L.C)	14.5	10	27.917	5	10.831
84	60	1	5	4 C	3.5	6 C*	3	4 D' (3 LC)	9.25	7	19.047	4	7.362
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9,484	5.162	7.763	31.722		3,585	30,552	4.542	30,911	14.737	6	10.175	4	21

EE	FF	GG
11	4.5	3
7.5	2.25	2.25

* Increase character spacing 50%

** See Pictograph page 4

*** See Pictograph page 5

COLORS: LEGEND, BORDER — WHITE (RETROREFLECTIVE)
BACKGROUND — GREEN (RETROREFLECTIVE)

3/23/2009

PROJECT FUNDING SOURCE SIGN ASSEMBLY AMERICAN RECOVERY AND REINVESTMENT ACT **SIGN LAYOUT DETAILS**



RECOVERY Vector-Based, Vinyl-Ready Pictograph

COLORS: LEGEND, OUTLINE

BORDER

BACKGROUND (UPPER)

BACKGROUND (LOWER RIGHT) — RED (RETROREFLECTIVE)
BACKGROUND (LOWER LEFT) — GREEN (RETROREFLECTIVE)

- WHITE (RETROREFLECTIVE)

- BLUE (RETROREFLECTIVE) - BLUE (RETROREFLECTIVE)

3/23/2009

PROJECT FUNDING SOURCE SIGN ASSEMBLY AMERICAN RECOVERY AND REINVESTMENT ACT SIGN LAYOUT DETAILS

CONTRACTOR OF THE PROPERTY OF



USDOT TIGER Vector-Based, Vinyl-Ready Pictograph

COLORS: OUTLINE

- WHITE (RETROREFLECTIVE)

USDOT LEGEND

- BLACK

TIGER DIAGONALS - BLACK,

ORANGE (RETROREFLECTIVE)

TRI RIVER TRANSIT ADMINISTRATIVE OFFICES AND MAINTENANCE FACILITY

ADDENDUM NO. 2

TECHNICAL SPECIFICATIONS

- 1. Section 033641, 1.1, A; Add the following:
 - "5. Highlift Track System."
- 2. Section 033641, 2.7: Delete manual door operators.
- 3. Section 087100 Part 2: Add the following manufacturers to the sections as listed below:

Section	Paragraph	Specified Item	Acceptable Manufacturer
087100 087100 087100 087100 087100 087100 087100	2.3.C 2.4.E 2.6.B.1 2.9.D 2.13.E 2.14.B.2 2.15.D	Hinges Pivots Mechanical Locks Lock Cylinders Closers Protection Trim Unit Stops and Holders	Add Ives Add Ives Add Falcon Add Falcon Add Falcon (formerly Dor-O-Matic) Add Ives Add Ives

4. Section 211313, 3.5, A: Change to read:

"Installed center of head to be at least 6-inches from any ceiling grid edge."

PLANS

 Sheet C-202 and C-203 - Delete all notes showing a requirements for a PRV on the 4-inch fire service line. A PRV is not required.

BID QUESTIONS DIRECTED TO FRANK WHITTAKER AND RESPONSES

1. Question:

Please reconsider the requirement of placing sprinkler heads in the center of ceiling tiles. This is labor intensive and really runs the cost of the sprinkler work up without any benefit.

Response:

See Addendum change Specification 211313, 3.5.A.

2. Question:

Please reconsider the requirement of installing an alarm check valve as indicated on Sheet F-201 Note L. The only reason to install an alarm valve is to use a water operated gong. As indicated by Note M on Sheet F-201 an electric bell on the exterior of the building that is also tied into the fire alarm systems is requested. A riser check valve should be used which has a main drain and all necessary gauges.

Response:

A "riser check valve" is considered an equivalent installation of an "alarm check valve".

3. Question:

Spec section 211313 2.1 says to comply with the requirements in "Piping Schedule" for pipe types to be used. I cannot find this section. Normally we use schedule 40 piping for any piping that is threaded and schedule 10 for any piping that is welded with grooved fittings.

Response:

A piping schedule is not provided. All piping and head components to meet the requirements of Specification 211313, 1.3, A.

4. Question:

Item 1.2 A in the specs does not show how much windload is required. Is windload required and how much. The majority of jobs we have quoted do not list any windload, some ask for 20 psf and a few others ask for more than 20 psf.

Response:

20 psf is an acceptable windload for the entire door assembly. However, the individual components will have to meet the requirements called out on Sheet S101, Wind Design Data.

Item 1.5 A and 3.1 E in the specs asks for door installer to provide all wiring from disconnect to operator and all control wiring and switching devices. Typically this electrical work is done by the electrician in Division 26 – Electrical Work. The door installer is not acquainted with electrical codes, requirements, running conduit and pulling wires and making connections as the electrician is since the electrician is licensed to do this type work and does it every day. Can this electrical work be given to Division 26 Electrical Work in lieu of the door installer.

Response:

The installation of electrical work can be provided through Division 26. However, Division 083641 is responsible for warranty of the complete system.

6. Question:

Item 2.4 A in the specs does not show type of track required and item 2.8 D asks for jack shaft type electric door operator with auxiliary chain hoist. Typically a jack shaft electric operator is used on doors with optional "high lift" track. Is "high lift" track required or should track be "standard track". If "standard track" is required electric operators should be trolley/drawbar type in lieu of jack shaft. If trolley/drawbar type is used is optional auxiliary side mount emergency chain hoist required in case of power failure or is standard door arm release required, when used the door would be manually pushed up.

Response:

A high lift track is required. See Addenda Item 083641, 1.1, A. 5. Provide track suitable as standard for high lift door assembly.

7. Question:

Item 2.7 A, B, and C in the specs shows three different types of manual operation. Do any of the doors require manual operation only, or are all (10) of the doors to be electric motor operated.

Response:

No manually operated doors are to be provided. All doors are electrically operated. Provide with emergency operation per 2.8 B.

8. Question:

No head or jamb details were found on architectural drawings. Will head and jamb details be provided.

Response:

See door type note on Sheet A-203 requiring 8-inch channel at head and jarnb D/E. Coordinate detailing with metal building system.

Request for Proposal No. PTR 10003

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