



# PHILLIPS & DONOVAN ARCHITECTS, LLC

## **ADDENDUM #3**

### **NORTH COVENTRY TOWNSHIP ROADS DEPARTMENT & SALT STORAGE BUILDINGS**

### **PHILLIPS & DONOVAN ARCHITECTS, LLC., PROJECT # 15-40**

**JULY 13, 2018**

This Addendum modifies and clarifies the contract documents as issued for bidding the North Coventry Township Roads Department and Salt Storage Buildings. All bids must be based on the original contract documents as modified by this Addendum.

#### **Contents:**

- Written Description
  - Clarifications
  - Specifications
  - Drawings
- Attachments

#### **CLARIFICATIONS:**

1. BIDS ARE DUE THURSDAY, JULY 19, AT 2:00 PM.
2. The Township intends to award the contracts at their regularly scheduled August Board of Supervisors Meeting
3. The General Construction Bid Form is revised to include (2) Allowance prices. Be sure to include the all Allowance costs in the General Construction Base Bid.
4. The Fueling Station and Bollards are not part of this contract. The Conduit to the Fueling Station is part of the Electrical Contract.
5. The PVC piping for the roof drainage system is to be Schedule 40 PVC pipe with primed and glued joints and clean outs at each downspout.

#### **SPECIFICATIONS:**

1. Replace existing Section 00501 BID FORM-GENERAL CONSTRUCTION with the attached revised 00501 BID FORM- GENERAL CONSTRUCTION.
2. 01125-SUMMARY OF MULTIPLE PRIME CONTRACTS
  - 1.7 GENERAL CONSTRUCTION CONTRACT (Revised in Addendum #2)
4. Remove the Fueling Station "bollards".

#### **DRAWINGS:**

1. Sheet C.02, the Fueling Station & Bollards are represented for information only and are not to be part of this contract.

George J. Donovan AIA, LEED AP, Principal Emeritus

P. O. Box 160, Bedminster, PA 18910, Phone: 215-795-2400, Fax: 215-795-2900, Web: [phillipsdonovanarchitects.com](http://phillipsdonovanarchitects.com)  
210 W. Broad Street, Bethlehem, PA 18018, Phone: 610-317-0221, Fax: 610-317-0227

**H. Joseph Phillips AIA, LEED AP, Principal**

2. Replace existing Architectural Drawings A-1.2, A-5.1, A-6.1 & A-8.0 with the attached Architectural Drawings A-1.2, A-5.1, A-6.1 & A-8.0.
3. Replace existing Structural Drawings S-1.0, S-1.1 & S-3.2 with the attached revised S-1.0, S-1.1 & S-3.2.

**ATTACHMENTS:**

1. Revise 00501 BID FORM – GENERAL CONSTRUCTION. (5) 8 ½" x 11" pages.
2. Revised Drawings A-1.2, A-5.1, A-6.1 & A-8.0 (4) 24" x 36" sheets.
3. Revised Drawings S-1.0, S-1.1 & S-3.2. (3) 24" x 36" sheets.
4. Water Meter Pit Detail. (1) 8 ½" x 11" page.
5. PennBid Final Questions and Answers. (12) 8 ½" x 11" pages.

**END OF ADDENDUM #3. (20) 8 ½" X 11" PAGES & (7) 24" x 36" SHEETS TOTAL.**

**NORTH COVENTRY TOWNSHIP NEW ROAD DEPT. & SALT STORAGE BUILDINGS**  
**Lenape Crossing & S. Hanover Street, Pottstown, PA 19465** **15-40 & 16-52**

**BID FORM – GENERAL CONSTRUCTION**

NAME OF BIDDER: \_\_\_\_\_.

PROPOSAL FOR: North Coventry Township Road Department & Salt Storage Buildings  
1215 S. Hanover St.  
Pottstown, PA 19465

OWNER: North Coventry Township  
845 S. Hanover St.  
Pottstown, PA 19465

Gentlemen:

Having carefully examined the Architectural Drawings and Specifications and all other portions of the Contract Documents as prepared by PHILLIPS & DONOVAN ARCHITECTS, LLC, 3160 BEDMINSTER ROAD, BEDMINSTER, PA 18910; The Civil Engineering Drawings and Specifications and all other portions of the Contract Documents as prepared by LTL Consultants, Ltd., The Structural Engineering Drawings and Specifications and all other portions of the Contract Documents as prepared by GTA Structural Engineering; The Mechanical, Electrical, and Plumbing Drawings and Specifications and all other portions of the Contract Documents as prepared by Smith Miller Associates, the undersigned submits this Proposal together with the specified Bid Security.

It is hereby certified that the undersigned is (are) the only person(s) interested in this Proposal as principal and that the Proposal is made without collusion with any person, firm or corporation. The Bid is made in good faith and not pursuant to any agreement or discussion with, or inducement from any person or firm to submit a complementary or other non-competitive Bid.

The undersigned hereby agrees to execute the Contracts, furnish required Bonds in form as incorporated in the in the Contract Documents and begin work in accordance with Article 16.8, Time, (Modifications to Article 8).

The undersigned agrees that if awarded a contract, he/she will furnish and deliver all materials, tools, equipment, power, tests, transportation and licenses, do and perform all labor and superintendence, furnish all means of construction, pay all fees, secure all municipal, state and other required permits, do all incidental work and execute, construct and finish in an expeditious, substantial and workmanlike manner all work of the Contract identified as General Construction in accordance with the Contract Documents, to the complete satisfaction and acceptance of the Owner for the stipulated sum hereinafter stated.

A. BASE BID: (INCLUDING ALL ALLOWANCES).

\_\_\_\_\_  
\_\_\_\_\_  
DOLLARS (\$ \_\_\_\_\_)

**NORTH COVENTRY TOWNSHIP NEW ROAD DEPT. & SALT STORAGE BUILDINGS**

**Lenape Crossing & S. Hanover Street, Pottstown, PA 19465**

**15-40 & 16-52**

**B. ALTERNATES:**

ALT GC#1: Should the owner decide to proceed with this portion of the work, provide a Lump Sum cost to provide – Two (2) Cupolas on the Road Department Building as detailed on 4/A3.0 **ADD** to the BASE BID the following amount.

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\_\_\_\_\_ DOLLARS (\$ \_\_\_\_\_).

**C. IDENTIFICATION OF COST.**

ID#1: IDENTIFICATION OF COST. Identify that portion of the BASE BID that is solely related to the Civil Engineering Site Plans. This is for informational purposes only, this is not an Alternate. (ID#1 + ID#2 + ID#3+ID#4 = A. BASE BID).

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\_\_\_\_\_ DOLLARS (\$ \_\_\_\_\_)

ID#2: IDENTIFICATION OF COST. Identify that portion of the BASE BID that is solely related to the cost to provide and construct the Salt Storage Building. This is for informational purposes only, this is not an Alternate. (ID#1 + ID#2 + ID#3+ ID#4 = A. BASE BID).

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\_\_\_\_\_ DOLLARS (\$ \_\_\_\_\_)

ID#3: IDENTIFICATION OF COST. Identify that portion of the BASE BID that is solely related to the cost to provide and construct the Road Department Building. This is for informational purposes only, this is not an Alternate. (ID#1 + ID#2 + ID#3+ ID#4 = A. BASE BID).

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\_\_\_\_\_ DOLLARS (\$ \_\_\_\_\_).

ID #4: IDENTIFICATION OF COST. Identify that portion of the BASE BID that is solely related to the Trail and Recreation Facilities construction. The scope of this work shall include the following:

- A. Construction of the parking area along the east side of the entrance driveway (identified as "Light Duty Paving" on Sheet C.02) including all grading, subbase, paving, curbing, inlets and piping, striping and signing of the parking area, including accessible parking areas.
- B. Construction of the walking trail identified on Sheet C.02. Construction includes all grading, subbase, paving, cross pipes, signing (including DCNR sign), striping (including crosswalks) and installation of bollards.
- C. All construction associated with the Restrooms #117 & #118 not associated with the building shell. Include Doors, interior partitions, finishes, fixtures, fittings, and accessories.

(ID#1 + ID#2 + ID#3 + ID#4 = A. BASE BID)

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\_\_\_\_\_ DOLLARS (\$\_\_\_\_\_).

D. UNIT PRICES:

- a. Unit Price # GC-01 Bulk Rock Excavation: Include cost of salary, fringe benefits, and Company overhead and profit. Include labor and equipment, removal from, and disposal of material offsite. \$\_\_\_\_\_ Dollars per Cubic Yard
- b. Unit Price # GC-02 Trench Rock Excavation: Include cost of salary, fringe benefits, and Company overhead and profit. Include labor and equipment, removal from, and disposal of material offsite. \$\_\_\_\_\_ Dollars per Cubic Yard
- c. Unit Price # GC-03 Removal of and Replacement of Unsuitable soils off-site: Include cost of salary, fringe benefits, and Company overhead and profit. Include labor and equipment, removal from, and disposal of material offsite. Include Importing of Structural fill, placement and compaction. \$\_\_\_\_\_ Dollars per Cubic Yard
- d. Unit Price # GC-04 Removal of and Replacement of Unsuitable soils on-site: Include cost of salary, fringe benefits, and Company overhead and profit. Include labor and equipment, removal from, and disposal of material to the on-site berm. Include Importing of Structural fill, placement and compaction. \$\_\_\_\_\_ Dollars per Cubic Yard.
- e. Unit Price # GC-05 Import Structural Fill: Include cost of salary, fringe benefits, and Company overhead and profit. Include labor and equipment, Include Importing of Structural fill, placement and compaction. \$\_\_\_\_\_ Dollars per Cubic Yard

E. ALLOWANCES: (TO BE INCLUDED IN THE BASE BID).

- 1. Allowance #GC-01 Include in the Base Bid for Removal of and Replacement of Unsuitable Soils off-site, 200 Cubic Yards as determined and authorized by the Owner and Owners Consultants.  
Allowance #GC-01= (Unit Price #GC-03) x 200 Cubic Yards.

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\_\_\_\_\_ DOLLARS (\$\_\_\_\_\_).

- 2. Allowance #GC-02 Include in the Base Bid for Removal of and Replacement of Unsuitable Soils on-site, 200 Cubic Yards as determined and authorized by the Owner and Owners Consultants.  
Allowance #GC-02= (Unit Price #GC-04) x 200 Cubic Yards.

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\_\_\_\_\_ DOLLARS (\$\_\_\_\_\_).

**NORTH COVENTRY TOWNSHIP NEW ROAD DEPT. & SALT STORAGE BUILDINGS**  
**Lenape Crossing & S. Hanover Street, Pottstown, PA 19465** **15-40 & 16-52**

Note: Proposal shall be subject to regulations of the Pennsylvania Prevailing Wage Act (Act of 1961, P.L. 987 No. 442) as amended. Not less than the prevailing minimum wage rates as contained in the attached “Prevailing Wage Predetermination”, Serial Number 18-02430 shall be paid by contractor and subcontractors to all workmen in their respective crafts and classifications.

It is understood that the Owner reserves the right to reject any or all Bids, or parts thereof, or items therein, and to waive technicalities as it may deem best for its interests. It is further understood that competency and responsibility of Bidders will receive consideration before award of contract.

The undersigned submits this Proposal with the understanding that he has carefully reviewed all items noted in the Data for Bids and further guarantees to comply with all requirements and has visited the site prior to submitting a bid.

Each bid shall submitted through the PennBid program and include:

1. PennBid Bid Form.
2. Contractors Qualification Statement.
3. Bid Bond or Statement of Surety if bid deposit is not in the form of a Bid Bond.
4. Non-Collusion affidavit & Bidder’s Representation that the Bid has been arrived at independently, without consultation, communication, or agreement as to any matter relating to the Bid, with any other Bidder or with any competitor.
5. Lobbying Certification Form
6. Federal Project Debarment Certification Form
7. USDA Form RD 400-6 Compliance Statement

The undersigned submits this Proposal with the understanding that the completion time of the Contract shall be considered as of the essence. Project Schedule and completion shall be noted in Article 16.8, Modifications to Article 8 of the General Conditions.

The undersigned agrees that this Proposal may not be withdrawn for sixty (60) days after the bid due date.

In submitting this Proposal, the undersigned acknowledges receipt of the following Bulletins / Addenda (if none, write “NONE”)

BULLETIN /ADDENDUM NO.

DATED

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**NORTH COVENTRY TOWNSHIP NEW ROAD DEPT. & SALT STORAGE BUILDINGS**

**Lenape Crossing & S. Hanover Street, Pottstown, PA 19465**

**15-40 & 16-52**

Respectfully submitted:

Company Name:

(Seal where applicable)

SIGNATURE: \_\_\_\_\_

NAME AND

TITLE: \_\_\_\_\_

WITNESS: \_\_\_\_\_

DATE: \_\_\_\_\_

BUSINESS:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

PHONE: \_\_\_\_\_

END OF SECTION 00501

<u>Question</u>	<u>Answer</u>
1 is the site work on the GC also is their a budget for the job .	The site work is included in the GC prime contract as noted in section 1.7 of 01125 Summary of Multiple Contracts. There is no budget to release for the project.
2 Please provide Details for the Fuel Island, is it on asphalt paving or concrete pad? Dimensions of pad? Will we have anything to do with Fuel Tank or Pumps?	Assume asphalt paving in that area. The contract will not include concrete pad or bollards. Provide conduit only.
3 Can you clarify which wage rates are to be used for the project? It appears that there is building wage rates and heavy highway wage rates included in the package. The heavy highway wage rates are not identified as such.	The prevailing wage rates listed in the specification can be found by going to the following web page: <a href="https://www.dlsecureweb.pa.gov/PrevWage/Pages/Project.aspx?ID=116742">https://www.dlsecureweb.pa.gov/PrevWage/Pages/Project.aspx?ID=116742</a> . The project serial number is 18-02430.
4 the site drawing says the generator is supplied and installed by EC. There is no spec on the generator or ATS.can you please provide this information	See generator and ATS specifications released as part of Addendum #1.
5 Is there a proposed construction start/end date for this project?	It is anticipated that the contracts will be awarded around the end of July with a 270 calendar day completion schedule as noted in Article 3 of the Agreement between Owner and Contractor (AIA Document A101 - 2007)
6 Is there a DBE percentage requirement on this project.	I am not sure I am familiar with the term DBE. Could you please clarify your question?
7 Does the PA Steel Act 3 of March 1978 apply to this project	Yes, as noted in Article 17 of the Supplementary Conditions.
8 Can you clarify who is responsible for site lighting? Multiple contract summary says GC has it, then later states the EC has it.	The EC is responsible for site lighting as specified on the Civil Drawings.

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| 9  | The term DBE is for Disadvantage Business Enterprise which includes Minority, Women, Veteran, Small Business Disable Veteran Enterprises. Please go to the PA DGS website for further information  | There is no DBE percentage requirement for this project.   |
| 10 | Supplementary Conditions, 11.1.3.1- Is there a form that needs to be submitted with the bid?   | No, this section refers to insurance requirements during construction as noted in 00702 RD Instruction 1942-A Guide 27.  |
| 11 | What is the budget for each prime contractor or the overall budget for the project.  | There is no budget estimate for this job.  |
| 12 | The PEMB spec has the roof panels as 12" but the drawing is shown as 24" wide panels. PEMB normal roof panels are 24" standing seam which a 360 deg rolled seam; ie. Butler Manufacturing MR-24 roofing system. PEMB manufacturers supply their own roof system which are base off a 24" system which is using a clip system to the purlins. You have a spec 07411 which is base on ATAS. Please clarify that the roof system is by the PEMB | 24" wide roof panels are acceptable. The roof panels specified under 07411 are for the Cupola roofs. All other metal roofing is as specified under 13125 Metal Buildings.  |
| 13 | You have spec in the PEMB 13125 a 6" R-19 insulation which will not work with the old traditional wall panel similar to the Butler MFG Butlerib panel because this panel can only be used up to 4" of insulation. If 6" of insulation is required then the Reverse Rib wall panel similar to the Butler Shadowall needs to be used. Please clarify.  | Provide the manufacturer's recommended panel for R-19 insulation.  |
| 14 | Did not see on plans where curbing is to be installed. As well as sidewalk . Could you please clarify.   | Curbing is located around the parking area on the east side of the driveway. Curbing is also located at the driveway entrance to the maintenance yard and the parking along the building and behind the dumpster. The sidewalk is around the building. |

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| 15 | Raynor O.H. Door Model TC320 is being discontinued, can they substitute a 20Ga. 2" thick urethane instead ?  | Substitutions must be equal to product specified and follow the procedures as noted in section 3.3 of the AIA Document A701-1997 Instruction to Bidders and section 16.3.4 of 00800 Supplementary Conditions. |
| 16 | The landscaping plant sizes are specified are larger than the plants can grow - weeds to be maintained for 3 years around tree rings and plant warranty is for 2 years ? Please clarify  | The plant schedule will be revised. Revised plan will be reissued as part of Addendum #2.   |
| 17 | I can't find a generator specification or manufacturer. Can they please be provided?   | See generator and ATS specification released as part of Addendum #1.  |
| 18 | Do all bollards get pvc covers?  | Yes   |
| 19 | Drawing A-4.0 shows Horizontal Metal Panels since PEMB manufacturer's do not make this type of panel. In Addition, please show sections and details on how these panels are to be installed since PEMB panels are only installed vertically.   | See section 2.7 B of 13125 Metal Building Systems for description of horizontal panel installation. Drawings will be revised as required.   |
| 20 | There are a few issues for the landscape contractors. Please clarify specs regarding landscaping including such items as: -plant sizes spec'd bigger than the plants grow -Individual tree mulch ring a min of 6 ft preferably 8ft -weeds to be maintained in mulch for 3 years - Warranty for 2 years | The plant schedule will be revised as well as the note regarding maintenance. The drawing will be reissued as part of Addendum #2.  |
| 21 | Questions concerning the waterproofing: 1- Below grade waterproofing on just the garage/office and not the salt building? 2- There are no specs for a vapor barrier ie. Behind 4" split block and/or brick.  | Provide below grade dampproofing on the Salt Storage Building also. For the specification on vapor barrier see section 06160 2.5 A.   |
| 22 | 3/A6.1 References 12/A8.0-- 3A6.1 shows a Metal stud wall, 12/A8.0 shows cmu. Please clarify.  | Detail 12/A-8.0 should show brick and metal studs.  |
| 23 | Is 12/A8.0 a detail for the east wall of 101?  | No, it is a detail of the exterior wall in the Women's Locker 115   |
| 24 | Detail 1/A-6.1 says to see structural drawings for structural support of roof overhang at doors 106B 107B. The structural drawings do not show anything. Can you provide structural support details?   | Revised details will be included as part of Addendum #2.  |

- 25 Can you provide structural framing and supports details for roof overhang at doors 117 118? See earlier answer given on PennBid.
- 26 Reference 262416-2.2-A: spec says manufacturers are the same as switchgear. There is no spec for switchgear. Are Square D, Eaton, Siemens, and GE acceptable manufacturers for the panelboards? Yes the listed manufacturers are acceptable.
- 27 Can you please direct me to the where the site construction specifications are located on the drawings? I don't see any specification pages in the drawings. The site drawings are based on PennDOT and Township specs (Note 17 on Cover Sheet of site plans). The Township specs can be found in the Ordinance documents on the Township website. Otherwise using PennDOT Pub 408 latest edition on PennDOT website.
- 28 Can you please provide a detail for the water meter pit? I don't see a detail on the drawings which shows all the required information. The meter pit shall be purchased from Exeter Supply. A 2" meter from Neptune from Rio Supply Co. shall be used. A detail will be released as part of Addendum #3.
- 29 Addendum #1 added Identification of Cost #4 for the trail and recreation facilities construction. The other three ID Costs note that " This is for informational purposes only, this is not an Alternate." but this is not noted for ID Cost #4. Are we to assume that this means it could be used as an alternate? No, Cost #4 will not be an alternate.
- 30 Can you provide hardware set for FRP door S01 at Salt Storage Building? A hardware set will be included in Addendum #2.
- 31 Reference dwg L1.01: the text for this drawing is messed up and is not clear. Could you please upload a new drawing with the text fixed so that we can read the fixture schedule and the notes on this drawing? I did not have any issues viewing or downloading the L1.01 drawing from the Document section. You might want to contact PennBid if you continue having this problem.

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| 32 | Specification Section 01125 Summary of Multiple Contracts page 6, item 1.7.7 states that the GC. is responsible for general hoisting of material and personnel up to 2 tons. This would make the GC have to provide all man lifts and material hoisting up to 2 tons for the other prime contractors which we have no way of quantifying. Can this item be changed to make it each prime contractors responsibility for their own work? | 01125 1.7.7 will be revised to read hoisting above 2 tons and 01125 1.6.D.7 will be revised to cover hoisting up to 2 tons.  |
| 33 | Can you please clarify the extend of the temporary security fence required?   | Provide temporary fencing as required to prevent unauthorized entry to the construction site (01500 3.4 F) and to protect the interest of the owner (01125 1.7 B 14).            |
| 34 | Can you please clarify if the GC. must provide dumpsters for the other prime contractors?   | Yes, general waste disposal is the responsibility of the GC (01125 1.7 B 9) except for the hazardous waste of each contractor (01125 1.6 C 8).                                   |
| 35 | Can you please clarify the deadline for pre-bid questions? Addendum #1 states 7/9/18 at 3:00 pm but Penn Bid states 7/6/18 at 3:00 pm.  | The deadline for pre-bid questions is Monday 7/9/18 at 3:00 pm.  |
| 36 | Please provide quantities and types of fire extinguishers and cabinets required.  | Provide one semi-recessed fire extinguisher in the Break Room 109 and six surface mounted extinguishers: two in Storage Bays 101, two in Garage Bay 103 and two in Work Bay 106. |
| 37 | Reference L1.01: Please verify that the exterior wall pack fixtures labeled "B" are part of ID #1 for site electrical construction.   | Yes, include them in Site Construction.  |
| 38 | 2/A1.1 calls for wood grain cabinets, 3/a1.1 call for PLAM on all exposed surfaces. Please clarify.   | Provide plastic laminate on all cabinets.  |
| 39 | Do the windows get sill/casing etc? Or GWB returns?   | Windows to have wood casings as shown on Window Details 3/A-3.0.   |
| 40 | Do you have a hardware set for the salt shed door?  | See earlier answer given on PennBid.   |

- 41 Drawing S-1 note #2 states that there's a soil exchange that's part of the project and that the GC. is to include in the Base Bid the costs for the Geo-technical engineer and inspectors for the soil exchange. Addendum #1 page #7 clarification item #6 states that site inspections would be provided by the Township Engineer and the owner is paying for the third party inspection/testing which I would assume will include the cost for the soil exchange testing/inspections. Please confirm.
- The Structural drawings that will be released as part of Addendum #3 have been revised to show no soils exchange. An allowance for soils exchange as authorized by the owner has been added to the revised bid forms. All third party testing will be provided by the Owner except for testing for the Electrical contract which is included in the EC bid.
- 42 Drawing S-1 note #6 states that the contractors base bid shall include excavation to the bottom of footing elevation plus base bid soils exchange quantity allowance. I don't see a quantity allowance anywhere in the documents. Please clarify.
- See earlier response given on Penn Bid.
- 43 Where is spec 09220 used?
- Please refer to earlier answer given on PennBid.
- 44 Are any fire extinguishers required?
- Please refer to earlier answer on PennBid.
- 45 Portland Cement Plaster (Stucco) listed in Div 9. Please locate. Also FRP doors.
- There is no stucco on this job. The FRP door is located on the Salt Storage Building as shown on A-1.2.
- 46 Is there a preference of ceiling tile or shall we choose a tile that follows the guidelines?
- Provide ceiling tiles as specified in 09512 2.2 B.
- 47 I find resinous floor on plans and HIPAC coating. Are they considered one in the same for this project? I find no HIPAC coating on any finish schedule.
- No. The High Performance Coatings as specified in section 09960 are listed in the Finish Schedule as Epoxy Paint.
- 48 Note detail 4/A3-0 shows 15 lb. felt under the metal roofs except PEMB Manufacturers roofs do not have 15 lb. felt under the metal roofs. Please clarify
- You are correct. Detail 4/3.0 should not show felt under the metal building roof. The cupola roof is shown correctly.
- 49 RFI: 1 I noticed on the architectural drawings that there are two rows of full view windows in the sectional overhead doors. I did not see anything in the specifications about windows for the sectional OH doors. Are the sectional OH doors to have windows, if so, type of glass, size, etc.
- See earlier answer given on PennBid.

- 50 RFI: 2 The specification for the sectional OH doors mentioned powder coated 2" track in lieu of galvanized standard track. This is generally not the norm, is powder coated track required? No, provide standard galvanized track.
- 51 Can you please confirm the extent of the cold formed metal framing. It's not clear on the architectural drawings and the structural drawings don't show the areas that receive framing just a page with some details. Metal stud framing locations are shown on the Wall Types 7/A-1.1 which are keyed into the floor plans.
- 52 Can you please confirm the gage for all metal stud walls? There are no gages on the wall types. Metal stud gauges should be as specified in section 05400 2.3.
- 53 Reference 01125-1.10-A-6: There are no specs for Communication and Security. Can you provide the specs for the telecomm devices? I do not see any security devices on the floor plans. Is there any security being used on this job? If so, please provide specs and devices being used. Communications and Security are not part of this contract.
- 54 Generator spec section 2.8 asks for a load bank it mentions both duct type and stand alone type ? is the load bank required for this and if so which type is needed duct mounted or stand alone ? 2.8.B Description indicates permanent, radiator mounted load bank. ADDITIONAL ANSWER: Load bank is required per the issued specification. Base bid shall include radiator mounted unit or equal. A break out line item can be including for removal of the load bank at which time a credit shall be issued to owner if owner decides not to have load bank.
- 55 Is it acceptable to substitute ADS N-12 daul wall HDPE pipe for all the RCP? This will cut cost down for the project for material and installation. The Township has asked for the stormwater pipe to be reinforced concrete pipe. Yard drains and downspout piping will be PVC.
- 56 Who is responsible for tie ins to the street and testing for utilites(water sanitary)? The General Contractor will be responsible for the water and sewer connections and any testing related to them.
- 57 Structural Dwg S-3.2 Section F9 shows the interior of the Salt Shed to be Asphalt Pave per Civil but the Architectural drawing show that the interior of the Salt Shed has an 8" concrete slab; please clarify which is correct. Provide concrete slab as shown on the Architectural plans.

- 58 Rolling Service Doors 08330 - Are we using same spec for rolling door 201 on mechanical platform as we are for salt shed? Yes, use the same specification section.
- 59 Reference 283111: Is the FA System horn/strobe or a voice system? The specs just calls for audio/visual without specifying. Audio / Visual refers to Horn / Strobe System.
- 60 Sectional OH Doors 08360. Re: Glass - looks like (2) full view aluminum sections shown. What type of glass is required (insulated, clear/tinted, low e, tempered or DSB ,etc) ? Would larger 44" x 15' vision lites be acceptable? Provide (2) full view windows with two panes of 3/16" insulated glass.
- 61 Please explain the following from S2.0 contained in the list of Roof Design Loads. Maximum Horizontal Live Load Deflection = L/360 The note "MAXIMUM HORIZONTAL LIVE LOAD DEFLECTION = L/360" located in the ROOF DESIGN LOADS on sheet S2.0 refers to the maximum deflection of wall girts due to wind loads.
- 62 Please clarify Gc doing electrical trenching for service and lighting? The GC is not doing trenching for electrical service. The EC is required to do site excavation for power service as noted in 01125 1.10 A. 3.
- 63 There is not a signature page for the Compliance Statement. Will one be issued? Yes, a complete Compliance Statement will be released as part of Addendum #2.
- 64 Regarding the response to the question about metal stud gages. Per the summary and products portion of specification section 05455- Cold-Formed Metal Framing this only applies to exterior non-load bearing wall framing. Under the related sections it notes "Gypsum Board Assemblies" for interior non-load-bearing metal stud framing. Section 09250- Gypsum Board doesn't contain specifications for the interior non-load-bearing metal stud framing. Please advise. Provide 20 gauge metal studs for interior partitions.
- 65 Please clarify on E-2 pole fixtures are all 6 C fixture? 2 lights on print on left side are marked A fixtures? Refer to civil lighting plan. There are two light fixture types.

- 66 Please clarify who is electric utility? PPL/Peco? Is owner picking up utility fees? Does utility company know about this job and have a job contact and number? PECO is the electric utility. The Owner will make arrangements for utilities fees. The PECO Service Request Number is: 04764051.
- 67 In response to your answer concerning the gages for metal stud framing, the spec 05400 is for Exterior non-load-bearing wall framing and would include wall type F only. 05400 1.2 B.2 references Division 9 section "Gypsum Board Assemblies" for interior non-load-bearing, metal-stud framing. However this section is not included in the project manual. You only included "Gypsum Board" which does not contain framing specs. To use 16 gage stud framing for interior walls over kill and not necessary. Can you review and provide stud gages for interior framing? See earlier answer given on PennBid.
- 68 Reference E-3.1: There is an 135 candela FA A/V unit with 4 triangles in between Garage Bay 105 and Work Bay 106. This symbol is not shown on the legend. Is this just a ceiling mounted A/V unit? Correct, Ceiling mounted AV Unit.
- 69 Are the lockers in both the Men's Women's lockers by the owner or part of the contract. If part of the contract, please clarify with quantities and specs. In Addition, will blocking in the walls for these lockers required, if so please identify where the lockers will be locked for the blocking installation. Lockers are not a part of this contract and blocking in the walls will not be required.
- 70 Drawings call for pipe bollards to be Sched 40 but specs call out to be Sched 80? Provide Schedule 80 pipe bollards as specified around the Road Department and Salt Storage Buildings and Schedule 40 around fuel island as shown on Civil Drawings.
- 71 Who will be responsible to hook up L.P or natural gas? Plumbing Contractor.

- 72 What size high voltage cables do we need to supply 35kv ,15kv or 5kv? This will be coordinated between EC, Civil Engineer, and PECO utility point contract. Wires supplied will be per the utility rules and regulations, EC to supply wires for PECO rules and regulation. Voltage shall be verified with Utility contact. It is believed not confirmed to be 15KV, refer to utility specifications for cable requirements.
- 73 Who will be responsible to hook up L.P or natural gas to the generator? Plumbing Contractor.
- 74 Would the following generators be equals to the manufactures in the specifications? MTU and Cummins! MTU and Cummins are both acceptable as equal granted they meet or exceed specifications.
- 75 What lighting fixture are we to use on exterior of building B or W (by others)? Use fixture B as specified on the Civil drawings and provided by EC.
- 76 Please clarify what type of gate opener controller is required since there are numerous openers from cheap to very expensive. In Addition, please specify the Aluminum slide gate since this is an extremely long gate; does this gate need to be an Aluminum Structural Gate by Tymetal Corp or equal. The opener specifications are included as well as the Gate specifications (Tymetal TYM 2000-S Structural Gate System or equal). Specification will be included as part of Addendum #2. UPDATED ANSWER: Specifications for the gate will be included in Addendum #3. UPDATED ANSWER: Assume in the base bid a pole mounted key pad located in grass island adjacent to gate.
- 77 For the salt storage building, do you want 1/2" plywood installed on the interior walls above the concrete walls? No
- 78 The women's shower shows a handicap folding seat, please specify if this is part of the project. In addition there is an L-shape bar for grab bar in the shower, please specify The shower includes the seat and grab bars as specified on sheet P-0.4
- 79 the Alternate 1 for the cupola shows it to be installed on the PEMB roof but there is no PEMB roof curb showing which the Cupola would need to be install on too. Please clarify how this installation will work with a PEMB standing seam roof. Provide manufacturer's standard detail for connection to cupola.
- 80 S3.2 shows typical gable with wall to top of truss. A5.1 shows wall to bottom cord of truss with 7 in. overhang, which is correct? The Section F9 on S3.2 is correct. The Architectural details will be revised.

- 81 Drawings C.02 or C.03; please identify where curbing is to be installed. In addition, please identify location of tapered curb and handicap ramp.
- 82 Is a radiator mounted load bank definitely required for this job? It is in the spec, but not on the drawing.
- 83 Who is responsible for supplying and installing the water meter pit?
- 84 Please provide details specs for Salt Shed concrete slab since salt is corrosive to concrete. In addition, please show the size type of rebar for the slab and what type of sealer to protect the concrete from the stored salt.
- 85 Is there a spec, size, and material description for the yard inlets and storm pipe to the inlets?
- 86 Since there seems to be a lot of questions and answers which need either revised specs or revised drawings, please consider a 1 week extension of time so we can properly send out to all suppliers and subcontractors which are bidding to the prime contractors.
- 87 Generator LP (specs) or natural gas (single Line)? Also is load bank required (spec) not shown on single Line)?
- 88 Are pre-fabricated aluminum cupolas acceptable?
- See previous response. ADA ramp is at the parking space adjacent to the building. Tapered curb is at all ends of the curb where it does not abut a building.
- Load bank is required per the issued specification which are a part of the contract documents. Base bid shall include radiator mounted unit or equal installed per manufactures requirements. A credit may be issued to owner, if owner decides not to have load bank installed.
- The General Contractor shall supply and install the water meter pit.
- Details for concrete slab will be shown on revised Structural drawings to be released as part of Addendum #3.
- Yard inlets shall be Nyloplast 15" Drain Basin or equivalent with a cast iron grate. Piping from the yard inlets shall be 12" Schedule 40 PVC piping.
- The bid due date has been extended one week to 7/19/2018 as noted in Addendum #2. Bid are due by 2:00 pm.
- Natural gas generator. Load bank is required per the issued specification which are a part of the contract documents. Base bid shall include radiator mounted unit or equal installed per manufactures requirements.
- Pre-fabricated aluminum cupolas would be acceptable if they matched detail 4/A-3.0 in size, proportions, volume and roof pitch with matching sized windows on four sides.

- 89 Is there a specification for the air barrier in wall type F The specification for the vapor barrier as shown in wall type F is found in 06160 2.5.
- 90 Is anyone responding to the landscaping question ? See earlier response given on PennBid.
- 91 Document RD 400-6 "Compliance Statement" which is found in the spec book under Section 00701 seems to be missing a second (or more)page(s). Please advise. See earlier answer given on PennBid.