March 30, 2015

Dear Sir/Madam:

Enclosed are Minutes of the Pre-Bid Meeting and Addendum No. 1 to SEPTA's Sealed Bid No. 15-001-JHC – Bucks County Intermodal Improvements – Levittown Station.

The bid opening date and time scheduled for Friday April 3, 2015 at 11:00 A.M. has been postponed until Tuesday April 14, 2015 at 11:00 AM EST. The bids will be opened in Conference Room 11-C of SEPTA's General Offices, 1234 Market Street, 11th Floor, Philadelphia, Pennsylvania 19107.

Any inquiries regarding this bid must be directed to, James H. Coombs of the Procurement and Contracts Department at (215) 580-7190.

Sincerely,

James H. Coombs

James H. Coombs
Contract Administrator
Procurement & Supply Chain management Department

JHC
Enclosures
To All Bidders:

The following constitutes Addendum No.4 to SEPTA's Sealed Bid No. 15-001-JHC - Bucks County Intermodal Improvements – Levittown Station Project. Addendum No. 1 must be acknowledged by inserting the date of the Addendum on Page 16 of the Bid Forms. Failure to do so may render a bidder's proposal as non-responsive.

A. General

1. The bid opening date and time scheduled for Friday April 3, 2015 at 11:00 A.M. has been postponed until Tuesday April 14, 2015 at 11:00 AM EST. The bids will be opened in Conference Room 11-C of SEPTA's General Offices, 1234 Market Street, 11th Floor, Philadelphia, Pennsylvania 19107.

2. Questions and Answers are attached. (Please note that additional questions and answers are forthcoming and will be issued as part of Addendum No. 2)

3. Replace Instructions to Bidders - Item 6 with the following:

   6. Time of Completion, Completion Date

   The work must be completed within one thousand eighty (1,080) calendar days from the date of receipt by contractor of SEPTA’s NOTICE TO PROCEED.

4. Replace Contract Section XI.B.2 with the following:

   2. The Work to be performed under the Contract shall be commenced immediately upon receipt of SEPTA's Notice to Proceed. Contractor shall execute the Work continuously and shall complete the Work within one thousand eighty (1,080) calendar days after the date of receipt of SEPTA's Notice to Proceed. The date of the one thousand eightieth (1,080th) day after the date of receipt of SEPTA's Notice to Proceed is designated as the "Completion Date" wherever referred to in the Contract Documents. "Completion" as used herein shall mean Final Completion as defined by SEPTA's Project Manager.

5. Replace Contract Exhibit VII – Special Conditions – Phase Liquidated Damages with the attached revised Phased Liquidated Damages.

B. Specifications

1. Specification 00000 – Remove section and replace section
2. Specification 00110 – Remove section and replace section
3. Specification 00115 – Remove section and replace section
4. Specification 01010 – Remove section and replace section
5. Specification 01011 – Remove section and replace section
6. Specification 01060 – Remove section and replace section
7. Specification 0152A – Remove section and replace section
8. Specification 01590 – Remove section and replace section
9. Specification 02050 – Remove section and replace section
10. Specification 02210 – Remove section and replace section
11. Specification 02220 – Remove section and replace section
12. Specification 02222 – Remove section and replace section
13. Specification 02501A – Add section
14. Specification 02890 – Remove section and replace section
15. Specification 04210 – Remove section and replace section.
16. Specification 04220 – Remove section and replace section
17. Specification 04815 – Remove section and replace section
18. Specification 05400 – Remove section and replace section
19. Specification 05500 – Remove section and replace section
20. Specification 05520 – Remove section and replace section
21. Specification 05550 – Remove section and replace section
22. Specification 06100 – Remove section and replace section
23. Specification 07410 – Remove section and replace section
24. Specification 09250 – Remove section and replace section
25. Specification 09653 – Remove section and replace section
27. Specification 13121 – Remove section and replace section
28. Specification 14215 – Remove section and replace section
29. Specification 15530 – Remove section and replace section
30. Specification 15670 – Remove section and replace section
31. Specification 15700 – Remove section and replace section
32. Specification 15830 – Remove section and replace section
33. Specification 15850 – Remove section and replace section
34. Specification 15950 – Remove section and replace section
35. Specification 16721 – Remove section and replace section
36. Specification 16740 – Remove section and replace section
37. Specification 16773 – Remove section and replace section

C. Drawings

1. Sheet C28 - Crosswalks added within outbound parking lot. Sidewalk added along outbound parking lot entrance access drive. Curb and sidewalk added along the private drive (formerly Oxford Avenue).
2. Sheet C30 - Revisions to MID locations.
3. Sheet C29 - Changed depressed curb to full height curb at bus loading zone
4. Sheet C28 - Crosswalk added across Fallsington Avenue at outbound parking. Curb ramps added at Fallsington Avenue at outbound parking. Curb ramps and crosswalk added by the inbound parking lot at the private drive (formerly Oxford Avenue) entrance.
5. Sheet C45 - Revised PECO Pole Relocation
6. Sheet CH02 - 1. Added sidewalk & curb along the west side of the SEPTA Driveway (former Oxford Avenue).
7. Sheet CH03 - 1. Added sidewalk & curb along the west side of the SEPTA Driveway (former Oxford Avenue). Revised length of guiderail along the west side of the SEPTA Driveway (former Oxford Avenue). Added sidewalk to the north of the Fallsington Access Road & Fallsington Avenue intersection.
8. Sheet CH07 - Revised the typical sections for Fallsington Access Road and SEPTA Lot Driveway to show added sidewalk & curb.
9. Sheet CH09 - Added sidewalk & curb along the west side of the SEPTA Driveway (former Oxford Avenue).
10. Sheet CH10 - Added sidewalk & curb along the west side of the SEPTA Driveway (former Oxford Avenue). Revised length of guiderail along the west side of the SEPTA Driveway (former Oxford Avenue). Added sidewalk to the north of the Fallsington Access Road & Fallsington Avenue intersection.
11. Sheet CH11 - Added sidewalk & curb along the west side of the SEPTA Driveway (former Oxford Avenue). Added sidewalk to the north of the Fallsington Access Road & Fallsington Avenue intersection.
12. Sheet CH12 - Added sidewalk & curb along the west side of the SEPTA Driveway (former Oxford Avenue). Added sidewalk to the north of the Fallsington Access Road & Fallsington Avenue intersection.
16. Sheet CH27 - Added sidewalk & curb along the south side of Fallsington Access Road at Station 30+50.
17. Sheet CH28 - Added sidewalk along the east side of Fallsington Avenue at Station 40+50.
18. Sheet CH30 - Changed lane widths on the SEPTA Driveway (former Oxford Avenue).
21. Sheet CT1 - Added 8’ pedestal (pole 6), junction box (12) and conduit (C/2”) to relocate Emergency Pre-emption Detector (B) for the Fallsington Avenue approach. See plans for detail.
22. Sheet CT3 - Updated wiring diagram to reflect changes on sheet CT1 above. Added wiring for relocated Emergency Pre-emption Detector (B). See plans for details.
23. Sheet CT4 - Updated conduit, junction box, electric and traffic signal support quantities per plans on sheet CT1.
24. Sheet CT9 - Added a new traffic signal plan for Rectangular Rapid Flashing Beacons (RFB) at the intersection of Fallsington Avenue (SR 2059), Trenton Avenue and SEPTA Eastside Parking Drive. See plans for details regarding the RFB layout and design.
25. Sheet A06 - Parking Payment Station 10 was relocated from sidewalk area in front of platform at column lines 15E & 16 E to platform level at column lines 17E & 18E.
26. Sheet A07 - Parking Payment Station 11 was relocated from sidewalk area in front of platform at column lines 27E & 28E to platform level at column lines 33E & 34E.
27. Sheet A09 - Added HVAC vent and chase walls in Housekeeping, Rm. 102.
28. Sheet A14 - Added 6” HVAC vent near Column Line 11W.
29. Sheet A21 - Added Sign at Column Line 2W.
30. Sheet A22 - Added Sign between Column Lines: 6W & 7W, 18W & 19W, c. 16E & 17E.
31. Sheet A23 - Added Sign between Column Lines: 25E & 26E, 30W & 31W,
32. Sheet A24 - Added Signs 99 (R3.49), 100 (R3.49), and 101 (R3.50)
33. Sheet A36 - Elevator tower roof structure revised
34. Sheet A37 - Elevator tower roof structure revised
35. Sheet A38 - Elevator tower roof structure revised
36. Sheet A81 - Added ADA Signage Details 8/A81, 9/A81, and 10/A81.
37. Sheet A86 - Revised Catenary column details 5/A86 & 6/A86
38. Sheet S03 - Added typical dimension between platform footing edge and Gridline E / D.
39. Sheet S04 - Added typical dimension between platform footing edge and Gridline E / D.
40. Sheet S05 - Added typical dimension between platform footing edge and Gridline E / D. Corrected footing length dimension at Gridline 15W.
41. Sheet S05A - Clarified wall footing dimensions and reinforcement where required. Modified footing step locations. Added detail 3/S05A to clarify reinforcement at wall footing to spread footing transition.
42. Sheet S11 - Corrected face of pier to gridline dimension for Pier Type P-1 Detail (1/S11). Changed pier extension note for Pier Type P-2/P-2A Detail (2/S11). Corrected gridline references in foundation elevation chart.
43. Sheet S13 - Corrected drawing reference for light pole foundation detail in Sections 1 and 2. Changed specification reference for platform sacrificial edge (Detail 8/S13)
44. Sheet S15 - Section A - Added typical dimension from Gridline D to front of platform footing / back of sheeting.
45. Sheet S16 - Section C - Added typical dimension from Gridline D to front of platform footing / back of sheeting. Section C - Modified dimension from Gridline D to front edge (trackside) of Pier P-2 to 1’-9 ½”. Section D - Modified dimension from Gridline D to front edge (trackside) of Pier P-2 to 1’-9 ½”.
46. Section E - Modified dimension from Gridline D to front edge (trackside) of Pier P-2 to 1’-9 ½”.
46. Sheet S17 - Section H - Added typical dimension from Gridline E to front of platform footing / back of sheeting.
47. Sheet S18 - Section R - Modified dimension from Gridline D to front edge (trackside) of Pier P-2 to 1'-9 ½”.
48. Sheet S22 - Added details for edge elements at low level platform (defined in Sheet S06).
49. Sheet S22 - Modified title of Section A/S22 to “Section – Temporary Platform”. Added detail and sheet reference to “Detail – Precast Concrete Beam Unit” Removed reference to Note 2 at existing Catenary Tower on plan view 1/S22.
50. Sheet S23 - Defined dimensions for locating concrete drilled shaft caps. Added typical dimension between platform footing edge and Gridline D. Modified callout for Section D/S26 to Section D/S25 and changed the viewpoint direction.
52. Sheet S38 - Clarified long slotted hole length in expansion connections (Detail S/S38). Clarified direction of long slotted holes in HSS8X3 member at expansion connection (Detail S/S38).
53. Sheet S42 - Added Note 10 to ‘Notes’ section.
54. Sheet S43 - Added axial load notes to beams at Gridline H and B.1 on Elevations A and B. Added Note 10 to ‘Notes’ section.
55. Sheet S44 - Expanded Note 1 under ‘Connection Notes for Overpass Structure’. Added Note 2 for Detail 7/S44.
56. Sheet S46 - Added deck support angles to top of roof W10X33 members. Added WT10.5X24 connection detail to top of tower columns (Detail C/S46). Add roof corner detail (Detail G/S46). Added bent connection plates to roof peak framing (Sections 1 & 2).
57. Sheet S58 - Modified rebar bend type in ‘Foundation Cap Repair Detail’.
58. Sheet HVAC02 - Change EF-1 from a roof mounted exhaust fan to an in-line exhaust fan mounted above ceiling. In Waiting Room #100 change supply air to equal 900 cfm and return air to 750 cfm. Eliminate TG-1 and associated ductwork. Add door undercut to toilet room #103 for air transfer of 75 cfm, add door undercut to house keeping #102 for air transfer to 75 cfm. Change exhaust air in toilet room #103 from 150 cfm. Change exhaust air in house keeping #102 from 60 cfm to 115 cfm.
59. Sheet HVAC03 - Add 6” B-Vent from furnace at AC-1. Change AC-1 from Carrier Model 58 MTB-080-16 to AAON Model CB-B-048-1-D.
60. Sheet HVAC04 - Revise detail 1 to reflect modulating hot gas reheat. Remove condensate pump and change condensate from discharging to pump to running to nearest floor drain. Revise detail 2 to show note 13 air filter/dryer also revise refrigerant note 4. Revise furnace/coil schedule to reflect AAON spec. Revise fan schedule at EF-1 to Penn zephyr model z81s.
61. Sheet E01 - Update symbols for NPT
62. Sheet E08 - Move type L luminaire away from bridge. Feeder size change to 3#4+1#8GND-2”C for elevator outbound side.
63. Sheet E11.1 - Relocate junction box with circuit PB3-32 to relocated MID #10. Relocate junction box with circuit PB3-34 to relocated MID #11.
65. Sheet E12 - Fire alarm riser – show connections to elevator controller.
66. Sheet E13 - Revise connection between the iSTAR and the “existing fiber cabinet” and show empty conduit thru wall with annotation “4”C with pull string for fiber optic cable. Extend 5’-0” beyond wall and cap”. Deleted AC-1 single phase from panel PB-1 ckt 9 and make circuit breaker a spare. Added 20/20 circuit breaker in section B of Panel PB-1 ckt 47, 49. Updated Main Distribution Panel MDP. On Basement Floor Plan update power wiring for AC-1 from 120V to 208V (230V) single phase operation.
Q1. With regards to the Levittown Station, will there be a need for commissioning services for the project and if so, would you know how the service would be acquired?

A1. Commissioning shall be provided to the extent indicated in the Contract Documents, including spec section 15950 Testing, Adjusting, and Balancing and spec section 16970 Testing and Commissioning pursuant to the spec section 01011 Summary of Project.

Q2. SCU cabinet Details 16730 Drawing E12
AVPA equipment cabinet details are not given. Is this provided by SEPTA? If not, could you provide required cabinet Type and details?

A2. This is to be provided by SEPTA.

Q3. Spare parts section 01750 is missing 16730 Spec. 2.08
There are several references for spare parts section 01750, but that section itself is missing. Please advise.

A3. Spare parts requirements are outlined in specific spec sections, if required. Spec 01750 not required.

Q4. Drawing G04 note 7 are relocation of PECO poles NIC?
   a. If not does electrical prime contractor relocate?

A4. PECO to relocate the poles and electrical service prior to construction.

Q5. Specification 01010 page 8 indicates salvage and deliver Levittown Tulley town sign, what is size and weight of sign?

A5. Site visit was offered following the pre-bid meeting. Please visit the site to observe the sign if needed.

Q6. Specification 13850 Detection and Fire Alarm is this work by electrical prime contractor?

A6. This is work by Electrical Contractor.

Q7. Specification 01400-3 mock ups as requested by Septa at no cost to septa, what mock-ups are required (so we can include related cost in bid)?

A7. Provide one mock up of precast wall panel along platforms for SEPTA review and acceptance. Specific mock ups are required as indicated in the Contract Documents. Any other mock-up requested pursuant to 01400-3 will be part of the permanent Work upon approval.

Q8. Drawings S50-S59 are structures by Amtrak or Septa?

A8. All structures defined in Sheets S50-S59 are by Amtrak.

Q9. Drawing S-57 are down guy anchors (foundations) by Amtrak or Septa?

Q10. Drawing S-58 are foundation cap repairs by Amtrak or Septa?

A10. Amtrak.

Q11. Drawing S01 concrete note 2 precast reinforcing bars may be epoxy coated, what is requirement for precast reinforcing steel?

A11. The terms reinforcing bars and reinforcing steel can be used interchangeably. Epoxy coating (at a minimum) is required for all reinforcement in pre-cast members.

Q12. Specification 13121 Pre-Fabricated Station Building and Canopy, are the only items to be prefabricated are modular walls per drawing A43?

A12. The building shall be prefabricated to the maximum degree possible requiring minimum on-site assembly and finishing. Per dwg. A43 this includes, but not limited to, station building walls, floors, ceiling, windows, doors, insulation and finishes which are to be pre-fabricated and delivered as a whole. Foundations are to be cast in place and roof trusses fabricated separately and installed after installation of pre-fabricated station building.

Q13. Specification 13121 Pre-Fabricated Station Building and Canopy, drawing A43 indicates wood framed floor, structural drawings do not indicate framing size or spacing of wood floor structure, what is the size and spacing of wood floor structure?

A13. Per specification 13121 section 1.04/C - All shop drawings, picking plans, etc. shall be done under the direction of a professional engineer licensed in the State of Pennsylvania Per specification section 1.06/G - The contractor shall provide structural engineering calculations sealed by a Pennsylvania registered engineer, which document all live, dead, snow and wind loads the building has been designed for Design requirements provided in section 1.05

Q14. Specification 13121 Pre-Fabricated Station Building and Canopy page 6 indicates plumbing, is all plumbing by Mechanical prime contractor?

A14. Per 1.01/C - C. The building shall be provided (by the GC) complete with all electrical wiring, HVAC equipment & installation and plumbing. The plumbing shall be stubbed into the basement and connected to the main sanitary and water supply lines provided within the basement area. The connection of building plumbing to the lines in the basement by Mechanical contractor.

Q15. Specification 13121 Pre-Fabricated Station Building and Canopy page 6 indicates HVAC, is all HVAC by Mechanical prime contractor?

A15. Per 1.01/C - C. The building shall be provided complete with all electrical wiring, HVAC equipment & installation and plumbing. The Mechanical Contractor to connect ductwork within the pre-fabricated station building to the HVAC system.

Q16. Specification 13121 Pre-Fabricated Station Building and Canopy page 7 indicates Electrical, is all Electrical by Electrical prime contractor?

A16. Per 1.01/C - C. The building shall be provided complete with all electrical wiring, lighting, etc. The electrical connections to the panel in basement area by Electrical Contractor.
Q17. All specifications listed in the TOC are included, and there were a few included that are not listed in the TOC. See below for any discrepancies: Should these be added to TOC?
  a. 01520A Requirements for Temporary Protection Shields – in body footer listed as 01520
  b. 08872 Protective glazing Film – included in body, but not listed in TOC
  c. 09250 Gypsum Wall Board Systems – included in body, but not listed in TOC
  d. 09252 Cementitious Backer Board – included in body, but not listed in TOC
  e. 09653 Resilient Base and Accessories – included in body, but not listed in TOC

A17. 08872 Protective glazing - remove from bid package, 09250 Gypsum Wall Board Systems - remove from bid package, 09252 Cementitious Backer Board - remove from bid package, 09653 Resilient Base and Accessories - included

Q18. Invitation letter to bidders and Contract documents states under definitions section – III.XI.B.2, time of completion is Six hundred seventy (670) calendar days which differ from phasing time of the project. Phasing timing are given under specification section – 01010 which are:
  Phase 1 – 9 Months.
  Phase 2 – 18 Months.
  Phase 3 – 9 Months.
Total time as per above Phasing, add up to 36 Months (1080 Calendar days).
According to specification section 01010 -1.08 .A .1; Phase -1 should be completed prior to Phase -2, and Phase-2 completed prior to Phase-3. Please clarify duration of the project.

A18. The time of completion and phase durations have been revised pursuant to Addendum No 1.

Q19. Please confirm ONLY AMTRACK safety training mentioned in specification section 01141A – 3.12 is required and SEPTA rail road safety training is not required.

A19. See response to #53.

Q20. Section 01010 -1.05.B.2. “Any re-profiling of the tracks within the station that is required due to platform construction, construction of overpass foundations, or other impacts on the track profile will be performed by Amtrak at the expense of the General Contractor”. Please explain in detail the above statement.
  Proposed elevations of the tracks for re-profiling are given on contract drawing W01, sheet 311 of 349. How GC will know about how much re-profiling material and labor is required at the time of bid. GC has to build foundations and platform as per information provided by SEPTA in contract documents

A20. Drawing W01 was based on best fit profile from survey of track performed in 2007 and it reflects the elevations today. The contractor is to build the platforms/foundation to the elevations indicated on the contract drawings. If the contractor deviates from these elevations given, or if his construction causes the track profile to change or in any way necessitates reprofiling, Amtrak will have to reprofile the track and incur expense to the General Contractor.

Q21. Contract drawing S01A states special inspections. Are these special inspections other than regular concrete, soil & steel inspections as stated in each respective specification sections? Who will perform these inspections, who will pay for these inspections? Will Septa or Borough’s arranged/paid agency perform these inspections or GC have to hire independent testing agency for these special inspections?
A21. Special Inspections are to be approved by the Engineer as per IBC. The contractor will provide and pay for independent inspection agencies to inspect various parts of the work (ie. weld inspection, concrete inspection, rebar inspection,...). Note that to inspect field welding/bolting the inspector must be present from fit up to finish. (Please refer to Special Inspections under IBC, AWS, & AISC). These reports will be submitted to SEPTA. SEPTA will maintain a Special Inspection Binder to be turned over to the Engineer for periodic and final review. In addition, the Engineer must conduct several process inspections as per IBC (shop inspection of precast and steel). The Engineer will sign off on the Special Inspections required by the permitting officials.

Q22. S01A - Who is structural observer? Will Professional Engineer from Gannet Fleming be Structural observer?

A22. The Engineer or his designatee is responsible for this.

Q23. Detail 1/S22 for Precast concrete beam unit & precast concrete curb foundation is indicated on drawings S06 but there is no detail 1/S22, please provide.

A23. See Addendum #1 revisions - Sheet S22 for details.

Q24. S22 - See note 2 is indicated and pointing to cat pole foundation at Temporary platform but there is no note2, please provide.

A24. See Addendum #1 Revisions. Note reference should be disregarded.

Q25. Please confirm Electrical prime will provide Electrical grounding wire for light poles as stated in note 4 on drawing S06.

A25. Grounding wire to be provided and installed by Electrical Prime.

Q26. S06 – Please confirm 6 inch of compacted PENNDOT 2A coarse aggregate is required under low level platform as noted in note 13 on drawing S01 and as shown on section detail A/S06.

A26. Yes, a minimum of 6" of compacted PennDOT 2A coarse aggregate is required per note 13 on Drawing S01.

Q27. Contract drawing DG01 indicates demolition and removal of Existing Split level brick building (BANK building) in Phase -1. Can this building be used as a Site office for the duration of the project, demolished at the end of phase-3 and construct the parking lot at this area as per contract drawings?

A27. The phasing drawings are conceptual. The contractor may change the phasing, as long as he is able to maintain safe traffic flow (both vehicular and pedestrian) and not interfere with installation of utilities or other Prime Contractor work unless that prime also agrees to the change.

Q28. Precast Concrete platform panels ELEVATION schedule is given on S14 to erect the platform but details on drawings S15 thru S20 is indicating edge of platform should be 4ft from top of rail. Please confirm what information should be used to construct the high level platform
A28. Values provided are based on 4 ft from top of proposed track reprofile elevation, which are defined in the 'W' series drawings. The Contractor shall confirm track elevations prior to construction and adjust elevations as required to meet 4'-0" dimensional requirement.

Q29. Please refer to Phasing drawings G07& G08, structural drawing S02, S14 and architectural drawing A02. High level platform is being constructed by using bent line 1E through 35E at OB platform and 1W through 35W at IB platform. Top of platform is related to top of rail. Contract drawing W01 is given existing and proposed top of track. Top of track is given at each 100ft stationing as per W01. There is no correlation with stationing given on drawing W01 and bent numbers given on above mentioned contract drawings. Please either provides stationing on all of the related contract drawings or bent numbers on W01.

A29. Stationing is provided at Gridline 1W and 1E on Sheet S03, as well as Gridline 35W and 35E on Sheet S05. Stations at remaining Gridlines can be developed based on dimensions provided.

Q30. Drawing S06 & S049 – Does the Lumber required for 10 – wood platforms treated lumber?

A30. Yes, fireproof and pressure treated.

Q31. Refer to S06, thru S09, and S47, Please confirm that all inter-track fence work (material & labor) is by AMTRACK as per note 11 on S47.

A31. Inter track fence material is to be provided by GC and installed by Amtrak.

Q32. Is there any outstanding properties that Septa must acquire to fully construct this project?

A32. All rights required for construction will be secured prior to NTP.

Q33. Regarding actual working times during any outage, is it safe to expect that the contractor will have the ability to work the complete time frames that Septa has outlined in Summary of Work Section 01010-1.07.4? If the contractor is “shorted” time from the specified duration, will relief be given to the contractor in the event an outage runs past the required back to service time?

A33. Times outlines in section 01010-1.07.4 are approximate. It does not include the time required to take the track and power out of service and to put it back into service. This may take 15-20 minutes on each end. No the contractor will not be given relief. If the contractor runs past the allotted time, he may be assessed damages by Amtrak.

Q34. Outage Types B (18 months) and F (6 months), specify single track outages. Are we to expect unlimited weeknight and weekend outages for those specified time limits during those phases?

A34. Yes, but outages must be scheduled prior.

Q35. Would SEPTA extend the bid date for this project. The project is very complex and we request more time to thoroughly and accurately prepare our price. Also, it currently bids one hour before Margaret Orthodox rebid.
A35. The bid opening date and time scheduled for Friday April 3, 2015 at 11:00 A.M. has been postponed until Tuesday April 14, 2015 at 11:00 AM EST. The bids will be opened in Conference Room 11-C of SEPTA's General Offices, 1234 Market Street, 11th Floor, Philadelphia, Pennsylvania 19107.

Q36. At the pre-bid meeting it was stated the electrical traction power work would be completed prior to the Notice to Proceed. The ET series of drawings, specifically ET01 shown a Division of Work & Material Supply with the GC and EC responsible for all material and fabrication. Will the electrical traction power work be completed prior to the NTP of should we bid per the Division of Work & Material Supply?

A36. Catenary pole extensions and ET modifications are being supplied and installed by Amtrak.


A37. Drawings provided in Addendum No 1.

Q38. Should all of the underground conduit be PVC Coated Steel or should it be PVC conduit with transitions from underground to aboveground using PVC Coated Steel Conduit? (ask Dave Montvydas)

A38. UG conduit shall be PVC schedule 40 or 80. Use PVC coated galvanized steel for transitions from UG to above grade. All exposed conduit shall be GRS.

Q39. Not Used

A39. N/A

Q40. Please consider accepting contractor questions and providing answers after significant changes are made via addendum.

A40. SEPTA will consider answering additional questions as they are submitted.

Q41. Please confirm the Traffic Signal work is part of the General Contractors Package.

A41. Traffic Signal work is part of the General Contractor's Package.

Q42. Please confirm the Electrical Contractor is only responsible for the Temporary Power and Lighting Shown on E15 and E16. Specifically that any contractor requiring additional lighting for night work will provide their own additional lighting.

A42. The EC is responsible to provide temporary power to maintain SEPTA's/Amtrak's continued operation of the Station & Parking Lot. Each individual Prime Contractor is responsible to provide temporary power for their own work and field offices. The GC is responsible to provide temporary power for SEPTA/Amtrak field offices.

Q43. 1/S05A has a section C/S26 shown. On column 10.5W between column B.1 and C.5 calls the wall to be 1'-4" wide on the plan but no section calls the wall to be 10" wide. Please advise.

A43. See revisions on Addendum #1. Section C/S26 wall on column line 10.5W should be shown as 1'-4" wide and not 10". Plan 1/S05A is correctly depicted.
Q44. Drawing S06 shows the precast platform edge and calls out detail 1/S22. The precast “curb beam” unit doesn’t look like what is shown on S06. Is it the intent to use the 1’ wide curb beam on the platform shown on S06? Also provide more detail on the foundation.

A44. See Addendum #1, Sheet S22 for details.

Q45. S09A has a note for exposed elevator and stair tower foundation walls receive a 4’0” modular block form liner. See Architectural Drawings for more information. When we go to A28 showing the elevation of the elevator and stair tower it calls for a precast foundation wall with modular block finish. Please advise if this area is cast in place or precast.

A45. All elevator tower foundation walls are to be constructed using cast-in-place construction. 4’-0” modular block form finish shall be applied to all visibly exposed faces on the outside of the structure.

Q46. Who is responsible for the concrete material for the 2 Down Guy Anchor Assemblies shown on Drawing S57?

A46. Amtrak.

Q47. Specification Section 04210, paragraph 2.07C calls out anti-graffiti coating. What is the extent if any of this being required?

A47. Anything up to 8'-0"

Q48. No trash receptacles have been found on the drawings but the detail shows on A85. How many trash receptacles should be provided?

A48. Trash receptacles with reference note to A85 can be found on sheets A05, A06, and A07. A total of 6 receptacles shall be provided.

Q49. Is the Electrical Contractor responsible for Specification Section 02890 “Traffic Signal Supports & Equipment” and all work shown on the CT drawings?

A49. Work shown on CT drawings by General Contractor.

Q50. Please advise if an allowance can be provided relating to covering the cost of all permits for this project. Are all permits under the jurisdiction of Bristol Township?

A50. No allowance, all permit costs shall be included in bid.

Q51. Section 01500-7 1.05C Security, please clarify if Security Guards are required on site during non work hours.

A51. Security guards are only required during Non-work hours.

Q52. Section 01500, 1.05C, please clarify that the Electrical Prime Contractor is responsible for Installing temporary power and lighting not the general contractor.

A52. See response to #50.
Q53. Please clarify track training requirements: Are workers to be Amtrak trained? Are workers to be Septa trained? Is this training done online? If so what verification is provided to prove training certification?

A53. All contractors are required to be Amtrak Safety trained. This can be done online at amtrakcontractor.com. The contractor must set up an account with Amtrak. There is a $23 fee that must be paid per test, by the contractor. Employees then upload a photo and take the class and test. Upon completion they are given the option to print a temporary ID. This is good for 15 days. The permanent ID will be sent via US Postal Service. IDs are require to be visible whenever on site. It is advised that the contractors photocopy and keep a binder of all individuals on site in case it is lost during construction. So that a replacement can be obtained. Note that the ID is good for 1 year from when issued. Contractors will need to retake the course/exam every year. SEPTA training is not required, but it is advised and available at no additional cost. SEPTA soes not reimburse the contractors for any safety training.

Q54. Section 13120 Pre-Fabricated Station Building & Canopy, paragraph 1.01C calls for this contractor to provide a complete electrical wiring, HVAC Equipment and installation and Plumbing. Yet there is no mention of this on any of the HVAC, Plumbing or Electrical Drawings. Is it the intent to have the Station Building Pre-Fabricated or can the building be conventionally framed?

A54. The building shall be prefabricated to the maximum degree possible requiring minimum on-site assembly and finishing. Pre-Fabricated Building is to be provided by the General Contractor.

Q55. Sign R101 (drawing C60, detail 1), is the light fixture that is mounted on top of the sign within the sign scope or within the Electrical Contractor’s scope?

A55. Electrical Contractor’s Scope

Q56. Signs 4.19 and 4.20 (see drawing A82, details 5 and 6). There is no information on these signs. The drawings show only the outline of the signs. Please provide specifications and more detailed drawings.

A56. Signs are located on plan 1/A22. Detailed information is provided within the signage schedule located on sheet A24.

Q57. Please provide the location of the 8 type F glass panels noted on the schedule on A71. Are these duplicated for the same type F glass panels noted on the schedule on drawing A73?

A57. Type F glass panels noted on sheet A71 shall be removed from the bid package. Type F panels noted on A73 are applicable to windscreen on A72

Q58. Does the precast concrete beam unit that is part of the temporary platform, shown on S22, receive a detectable warning surface?

A58. No.

Q59. G04 Phase 1 mentions temporary platforms. Is there more than one?

A59. No. Only one temporary platform - shown on Sheet S22.

Q60. PECO is relocating OHW. Who is responsible for the pole layout?

A60. Pole layout is shown on revised Civil plans and will be installed per PECO.
Q61. Who installs sanitary in Pedestrian Tunnel?
A61. General Contractor to install.

Q62. Has the paint been tested for lead on existing canopy?
A62. Yes, paint in station and on platform structures contains lead but in levels below the regulatory limit (EPA/HUD) of .5% by weight.

Q63. Drawing C50 shows electrical conduit, communication conduit and duct bank, who’s scope of work is this? Also who installs conduit in Pedestrian Tunnel and who supplies manholes?
A63. Electrical Contractor provides ductbank with electrical and communication conduits and pull-boxes.

Q64. The fencing shown along curb at the north and south parking lots is not labeled. Is it ornamental or chain link?
A64. Ornamental. See C-62.

Q65. Could SEPTA extend the bid date since “Good Friday” is a holiday for many.
A65. Refer to question no 35.

Q66. Specification Section 06650 Platform Rubbing Edge describes a product that is not shown on the drawings. What is shown refers to a sacrificial platform edge made out of 2” x 8” yellow Composite lumber per Section 06602. Please advise what platform edge is required and what specification do we follow.
A66. The shape of the platform rubbing edge is defined on Sheet S13. The platform rubbing edge material is defined in specification 06650. Detail 8/S13 should reference Specification 06650 in regards to the composite lumber call-out.

Q67. AVPA Software manufacturer requested for bid date extension for 1 month. Could you please extend bid date?
A67. Refer to question no 35.

Q68. On drawing E03 and E08 a type L pole and luminaire appear on the far right side of the drawing on or under Fallington Ave. Does SEPTA want the contractor to install a light pole here or is this an error? If it is under Fallington Ave can you confirm the 25’ pole + 3’ above grade foundation will fit?
A69. The light pole in question will be moved to avoid the bridge.

Q69. Does the rebar reinforcement in the light pole foundations need to epoxy coated?
A69. Galvanized, as this is a cast-in-place element

Q70. Detail 3 on Sheet E05 shows 3/4” L type anchor bolts for the platform light pole anchorage, who is responsible for furnishing, lay-out and installing these in the pre-cast platform?
A70. The anchor bolts will be installed in the precast platform by the GC.
Q71. Sheet E11 detail 3 shows type R luminaires in the inbound elevator shaft. I can not tell if the three exterior sides get 1 or 2 rows. The outbound does not shown any type R luminaires. Is this correct, if not please indicate how many are required.

A71. Both inbound and outbound elevator shafts will get a row of type R luminaires on the exterior sides. Type R luminaire will be designated on the outbound elevator shaft.

Q72. Sheet E11.2 the Riser Diagram shows four Electric Locks, but only three are shown on the plan. How many are required?

A72. There are only three electric locks. NPT symbols on plans and riser diagram has been updated.

Q73. Sheet E12 Fire Alarm Riser diagram shows four Heat Detectors, the plans (E11) only shows three, and none are shown in HSKPG or TOI as indicated in the Riser Diagram. How many heat detectors are required 3, 4, or 5?

A73. There are three smoke detectors in the waiting rooms and one each heat detector in the housekeeping and the toilet room.

Q74. Do the elevators need to be tied in with the fire alarm system, the plans do not indicate any connections (i.e. Auxiliary Contacts, Relays or Shunt trip circuit breakers).

A74. Elevators will tied with the fire alarm system.

Q75. Sheet E08 shows 4"C-3#3/0+1#6GND to Elevator in existing tunnel, but on Sheet E13 the Panel schedule shows 3 #4 + 1 #8 GND in an 1-1/2" conduit and the voltage drop table also shows a # 4 as the wire size. what size conduit and conductors should feed Elevator #2 (outbound side)?

A75. Use 3#4+1#8Gnd - 2"C.

Q76. Is the building permit paid by Septa or GC?

A76. GC

Q77. Drawing A01 general note 19 it is the contractors responsibility to pay for the rental expenses and maintenance of the trailers and other equipment for the duration of project, what trailers and equipment does this refer too?

A77. It refers trailers and equipment in the Contract Documents, including spec section 01500 Construction Facilities and Temporary Controls and spec section 01590 SEPTA Field Office. All primes are responsible for their respective trailers. The GC shall provide the SEPTA field office. See question # 42 as well.

Q78. Drawing A01 general note 19 it is the contractors responsibility to pay for the rental expenses and maintenance of the trailers and other equipment for the duration of project, what prime contractor is responsible for this?

A78. Refer to spec section 01500 Construction Facilities and Temporary Controls and spec section 01590 SEPTA Field Office. All primes are responsible for their respective trailers. The GC shall provide the SEPTA field office. See question # 50 as well.
Q79. Drawing A-52 indicates waiting room phone, is this by the electrical prime contractor?

A79. Phone shall not be provided with the pre-fabricated station building. Electrical prime shall procure and install at location determined by SEPTA PM

Q80. Specification 06200 paragraph 2.02A.1. who is the manufacturer of 6” Tongue and Grove panel with plastic coated integral finish?

A80. 1. AZEK Beadboard - AZEK Building Products, Inc. 888 N. Keyser Avenue Scranton, PA 18504
2. Or approved equal.

Q81. Is the traffic signal work indicated on CT drawings by electrical prime contractor?

A81. See response to #41

Q82 - I have reviewed the available project documents for Bucks County Intermodal, and wanted to ask if a full geotechnical investigation report will be made available?

A82. The boring locations are shown on G-03 and the boring logs are provided in the specifications.

Q83. 5/ A54 has a note that the ticket off frame shall be bullet resistant. Is there a ticket office?

A83. Ticket office was removed. Disregard note.

Q84. There are two sections in the specs that are not listed in the Table of Contents (08872 “Protective Glazing Film” and 09252 “Cementious Backer Boards).

A84. 08872 Protective glazing - remove from bid package, 09252 Cementitious Backer Board - remove from bid package
SPECIAL CONDITION

PHASED LIQUIDATED DAMAGES

Certain elements of work for this project require track outages that are defined in this agreement. If the tracks removed from service to perform this work are not returned to service at the times defined, SEPTA and AMTRAK will need to mobilize additional train crews, and offer refunds to SEPTA and AMTRAK riders for service delays that will occur. These costs are estimated below and will be assessed to the Contractor as Phased Liquidated Damages:

AMTRAK NEC Tracks #1, #2, #3, and #4

Estimated SEPTA cost for not returning a single Track #4 to service after an outage: $1,000 per hour.

Estimated SEPTA cost for not returning a single Track #1 or both Track #1 and Track #4 to service after an outage: $1,000 for the first and second hour, $3,000 for the third hour, $5,000 for the fourth hour and $3,000 for every hour thereafter.