August 6, 2019

ADDENDUM NO. 10

TO PROSPECTIVE BIDDERS ON CONTRACT PAT-784.166 – PATH – TRACKS G AND H PERMANENT FLOOD PROTECTION

The following changes are hereby made in the Contract Documents for the subject Contract.

This communication should be physically annexed to back cover of the book and initialled by each bidder before submitting his bid.

In case any bidder fails to conform to these instructions, his Bid will nevertheless be construed as though this communication had been so physically annexed and initialled.

CHANGES IN THE CONTRACT BOOKLET

Page 204 - In clause 145. HOURS OF WORK AND CONSTRUCTION STAGING make the following changes:
A. In the first line of A. 3.) b. delete "Stage 1, 2, 3" (revised by Addendum No. 3) and substitute therefor "Stage 1, 3".
B. Immediately following A. 3.) d., insert the following new subparagraphs:
"e. During single track outages for Stages 5 and 6, the adjoining track may be taken out of service between the hours of 11:59 PM Friday and 5:00 AM Saturday and 11:59 PM Saturday and 5:00 AM Sunday, for Work intervals not to exceed thirty minutes.

f. Full width membrane barrier installation and hose test across both tracks G and H, shall be performed during Double Track Outage between the hours of 11:59 PM Friday and 5:00 AM Saturday."

Page 205 - In the first line of A. 4.) of clause 145. HOURS OF WORK AND CONSTRUCTION STAGING, delete "in all stages that do not require track outages" and substitute therefor "Stage 2, ".

Page 442 - Delete this page in its entirety and substitute therefor new page 442 which is attached hereto and made a part hereof.

Page 471 - In the third line of 1.03 B. 1. c., following ""(if applicable).", insert "Drilled shafts may be excavated using either water or slurry.".

Page 479 - Make the following changes in 3.02 C.:
A. In the second line following "spacers," insert "splice couplers, ".
B. In the third line, delete "as a single unit immediately after" and substitute therefor "in the drilled shaft in no more than two units. Cage splices shall provide the full section property of the reinforcing cage. Cage splice details shall be submitted to the Engineer for approval. Reinforcing cages shall be placed immediately after".

CHANGES IN THE CONTRACT DRAWINGS

Dwg. G004 - Make the following changes:

A. In note 2.04 A, delete the following text (added by Addendum No. 7) "ANY EQUIPMENT WITH VERTICAL CLEARANCE MORE THAN TWELVE (12) FEET IN HEIGHT MUST" substitute therefor "ANY EQUIPMENT SHALL".

B. Delete the text of note 4.01R. (revised by Addendum No. 3) in its entirety and substitute therefor "INSTALL HESCO BARRIERS IN WALL OPENINGS."

C. Immediately following note 4.01 U. insert the following new notes:

"V. TEMPORARY RELOCATION AND PROTECTION OF PATH UTILITIES IN THE VICINITY OF THE MEMBRANE FLOOD BARRIER.

W. RELOCATION AND REPROGRAMMING OF THE ATC SYSTEM ALONG PATH TRACKS IMPACTED BY THE CONSTRUCTION.

X. MAINTENANCE OF ACCESS HAUL ROADS DURING CONSTRUCTION."

D. Delete note 5.01 in its entirety and substitute therefor "COORDINATES & BEARINGS ARE BASED ON A LOCALIZED COORDINATE SYSTEM, THIS BEING A GROUND MODIFIED NJ STATE PLANE COORDINATE SYSTEM (NAD83), ALONG WITH A SHIFT INTO THE PANYNJ COORDINATE SYSTEM USED AT THE PATH HARRISON STATION REDEVELOPMENT PROJECT (CSG #2012--053). ALL PANYNJ SURVEY WORK FOR THE HARRISON STATION REDEVELOPMENT PROJECT IS RELATED TO THE PANYNJ MONUMENTED BASELINE LOCATED IN THE WESTERLY SIDEWALK OF FRANK E. RODGERS BOULEVARD SOUTH. THE CENTROID OF THIS LOCALIZED COORDINATE SYSTEM BEING AT HVCP KS2 HAVING GRID COORDINATES OF N 694254.8924 E 587397.5271 AND LOCAL GROUND COORDINATES OF N 694255.013 E 587397.443 EL 28.119, THE COMBINED SCALE FACTOR BEING 0.99991493577. THE SHIFT FROM GRID TO THE LOCAL COORDINATE SYSTEM IS N 0.1206' ANO E -
0.0841'. ALL COORDINATES AND DISTANCES ARE EXPRESSED AS GROUND COORDINATES AND DISTANCES. ELEVATIONS ARE BASED ON NAV01988 DATUM AS DETERMINED BY STATIC GPS METHODS. PROJECT UNITS ARE IN U.S. SURVEY FEET."

Dwg. CS305 - Immediately following Tracks G and H Construction Staging note III., insert the following new note:
"IV. CONTRACTOR SHALL LIMIT UNPROTECTED WALL SECTIONS TO NO MORE THAN HE CAN PROTECT IN 72 HOURS.".

Dwg. C322 - Immediately following note 7., insert the following new note:
"8. OVERHEAD POWER LINES ARE PSEG TRANSMISSION LINES AND THESE ARE LOCATED A MINIMUM OF 100 FEET ABOVE GRADE."

Dwg. GT101 - Immediately following note 5.09, insert the following new note:
"5.10 IF THE CONTRACTOR ENCOUNTERS MATERIAL NOT MEETING THE REQUIREMENTS OF NOTE 5.09, HE SHALL NOTIFY THE ENGINEER.".

Dwg. S307 - Immediately following note 10, insert the following new notes:
"11. DRIVING AND CUTTING SHOES ARE NOT REQUIRED FOR SHEETPILING AND H-PILING.
12. INDICATOR PILES ARE NOT REQUIRED.".

Dwg. S706 - In the second line of note 1., delete "02456" and substitute therefor "34111".

Dwg. S707 - Delete note 5. in its entirety and substitute therefor "RUNNING RAIL SHALL BE 11 5/8" SECTION AND ALL FINAL RUNNING RAIL CONNECTIONS SHALL BE WELDED.".

Dwg. S901 - Make the following changes:

A. Delete the text of note 7 in its entirety and substitute therefor
"BOTTOM ELEVATION OF DRILLED SHAFTS SHALL BE ELEVATION -65 FEET, IF ROCK IS ENCOUNTERED HIGHER THAN ELEVATION -65 FEET ADVANCE CASING ONE FOOT INTO ROCK. IF ROCK IS ENCOUNTERED HIGHER THAN ELEVATION -46.8 FEET, NOTIFY THE ENGINEER.".

B. Immediately following note 11., insert the following new notes:
"12. DRILLED SHAFT CASING MAY BE FABRICATED FROM EITHER SPIRAL WELDED OR ROLLED AND WELDED STEEL.
13. THE CONTRACTOR SHALL ADVANCE THE CASING IN SECTIONS. CASING SECTIONS SHALL BE SPLICED USING A COMPLETE JOINT PENETRATION WELD."
14. THE CONTRACTOR SHALL LIMIT THE DRILLED SHAFT EQUIPMENT TO A HEIGHT OF 45 FEET.

PORT AUTHORITY TRANS-HUDSON CORPORATION

James Starace, P.E.
Chief Engineer/Director
The Port Authority of New York and New Jersey

INITIALLED BY THE BIDDER:
SECTION 316216
STEEL H PILES

APPENDIX "A"
SUBMITTALS

Submit the following in accordance with the requirements of "Shop Drawings, Catalog Cuts and Samples" of Division 01 - GENERAL PROVISIONS:

Product Data
316216D01 A complete description of each pile hammer, including operational characteristics, rated energy, date of purchase, and date and description of last overhaul.

316216D02 A complete description of the driving equipment including caps, leads, cap block cushion and guides.

Manufacturer Test Reports
316216F01 Certified mill test reports for steel H piles.

Construction and Installation Procedures
316216G01 Plan for positioning coated section of pile within limits specified in 3.01 A.2 of this Section.

316216G02 The procedure for splicing piles, including a plan for positioning all field and shop splices to meet requirements specified in 3.02 C.5 of this Section, and detailed procedures for performing field splices.

316216G03 The sequence for driving all piles.

316216G04 Details of jetting, pre-drilling or pre-augering operations, if required to advance piles.

316216G05 Plan for installing indicator piles, including sequence of installation, if indicator piles are shown on the Contract Drawings or if Contractor elects to drive indicator piles.

Qualifications
316216K01 Verification of welder qualifications.

Record Documents
316216M01 Record drawing(s) showing the exact location of all piles driven and identifying abandoned piles.

END OF APPENDIX "A"