



**QUESTIONS FROM BIDDERS**

**JFK-164.020 JOHN F. KENNEDY INTERNATIONAL AIRPORT - RECONSTRUCTION OF RUNWAY 13L-31R AND ASSOCIATED TAXIWAYS**

Updated: 11/08/18

QUES	QUESTION	RESPONSE
1	We are requesting a postponement for the above bid. We just received the pack. And we will need at least 4 weeks or more to prepare this RFP.	As of now, the bids received date will NOT be extended. 10-18-18 This will be answered by Addendum. 10-22-18 This was answered by Addendum No. 3 dated 10/22/18.
2	We respectfully request a 4 week bid extension due to the untimely manner in which we received the documents.	As of now, the bids received date will NOT be extended. 10-18-18 This will be answered by Addendum. 10-22-18 This was answered by Addendum No. 3 dated 10/22/18.
3	Please refer to the Contract Book's Analysis of Bid. Unit No. 82 and 83 have the same description. Please advise.	This will be answered by Notice to Bidders. 10-29-18 This was answered by Notice to Bidders No. 9 dated 10/29/18.
4	Please refer to the Contract Book's Analysis of Bid. Unit No. 157 has the description "Install 2" RGS Conduit". Please confirm that the Unit should be "LF" instead of "EA".	This will be answered by Notice to Bidders. 10-29-18 This was answered by Notice to Bidders No. 9 dated 10/29/18.
5	Please refer to Drawing E911. Note 3 states, "Detail based on Installation by PANYNJ in new or reconstructed pavement areas." Please define the scope of work to be performed by the Port Authority.	This will be answered by Addendum. 10-18-18 Was addressed by Addendum No. 2 dated 10/17/18.
6	We are respectfully requesting that the Port Authority provide the CADD files for this project for the Bidder's use. Please advise to if these files will be made available.	Information not available. Bid as per Contract Documents.
7	Will the Port Authority publish the plan holders list?	Will be provided.

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8	Please refer to the Contract Book, page 7, paragraph B. Is the 3rd line supposed to read “stated in B.1 through B.7”?	This will be answered by Addendum. 10-18-18 Was addressed by Addendum No. 2 dated 10/17/18.
9	Please confirm that The Owner is the generator of all unknown pre-existing hazardous material and will sign transportation manifests as such in the event that abatement is necessary.	Refer to N102, Soil Disposal Note 1 and Contract Book, Page 160, Clause entitled "Differing Subsurface Conditions".
10	Please confirm that Owner will indemnify the Contractor for any loss, cost, expense, or fine related to any pre-existing hazardous material.	Refer to Contract Book, Page 160, Clause entitled "Differing Subsurface Conditions" and Notes on N101 and N102.
11	Please confirm that in the instance of a differing site condition, the situation will be handled through change order procedures.	No change to Contract Documents. Bid as shown.
12	Please confirm that Liquidated Damages will be the sole and exclusive remedy for delay. Please consider putting a reasonable cap on Liquidated Damages.	No change to Contract Documents. Bid as shown.
13	Please confirm a mutual waiver of consequential damages, as listed, will be inserted into the final contract documents: “In no event shall any Indemnified Party or the Contractor be liable to the other for any indirect, special or consequential damages (including, but not limited to, loss of profits, interest, earnings or loss of use) whether arising in contract, tort or otherwise.”	Refer to Contract Book clause entitled "Risks Assumed By The Contractor" on Pages 87 and 88, especially Paragraph B on Page 87.
14	Clause 43 – Time For Completion And Damages For Delay of the Provisions Relating To Time does not specify specific dates for completion of Stages 7 and 11. Please confirm that the only applicable date for completion of these stages is November 16, 2019 as stated in 43.XVIII.	This will be answered by Addendum. 10-18-18 Was addressed by Addendum No. 2 dated 10/17/18.
15	Please refer to Drawing C101. Under Portland Cement Concrete Batch Plant Notes, Note 5 refers to drawing N002. This drawing was also referred to in Note 8 of Portland Cement Concrete Placement Notes. This drawing does not appear to be included in the contract documents. Please provide this referenced drawing.	This will be answered by Addendum. 10-24-18 This was addressed by Addendum No. 2 dated 10/17/18.

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16	Please refer to Drawing C101. Under Portland Cement Concrete Placement Notes, Note 5 refers to drawing C172. This drawing does not appear to be included in the contract documents. Please provide this referenced drawing.	This will be answered by Addendum. 10-24-18 This was addressed by Addendum No. 2 dated 10/17/18.
17	Please refer to Drawings C357 and C358. On drawing C357 the PCC Pavement Slab Layout Plan indicates “243 Slabs @ 25.0’ = 6075’ ”. On drawing C358, the dimension indicated for the same location as illustrated on C357, is called out to be “280 Slabs @ 25.0’ = 7000’ ”. Please advise to which dimension is correct.	This will be answered by Addendum. 10-25-18 This was addressed by Addendum No. 2 dated 10/17/18.
18	Please refer to Drawings C359 – C361. On these drawings the PCC Pavement Slab Layout Plan indicates “73 Slabs @ 25.0’ = 1825’ ”. It appears that there is a discrepancy when comparing the distance indicated (1825’) to the station marking shown on the referenced drawings. With the current layout, there are to be 70 slabs at 25’ constructed instead of the 73 slabs as the callout specifies. Please advise to the correct stationing and/or slab layout.	This will be answered by Addendum. 10-25-18 This was addressed by Addendum No. 2 dated 10/17/18.
19a	Please refer to Drawings C201 – C211. On these drawings the stationing baseline for Runway 13L-31R was used for the alignment of the removal plan sheets. It appears that due to some stationing inconsistencies, the alignment of the drawings is not possible. There are some locations where portions of the runway are not captured on either side of the match line indicated on the drawings. a.&Please advise if this inconsistency will be corrected in a future addendum.	No change to Contract Drawings. Bid as shown.
19b	If not, please advise if manual alignment of drawings in lieu of using the baseline information is acceptable.	No change to Contract Drawings. Bid as shown.
19c	Please advise if the CADD files will be provided for our use.	Information not available. Bid as per Contract Documents.

QUES	QUESTION	RESPONSE
20	We respectfully request a four-week bid date postponement.	As of now, the bids received date will NOT be extended. 10-18-18 This will be answered by Addendum. 10-22-18 This was answered by Addendum No. 3 dated 10/22/18.
21	On page 4 of the Information of bidders under 3. Papers Accompanying Bids Note G. it states "The bidder's analysis of bid filled in on the form furnished herewith." The Analysis of Bid in the back of the specifications in Note 5. States "The Analysis of Bid is not part of the contract". Although this is not part of the contract please confirm that this form is required to be filled out and submitted with the bid.	Bid as shown.
22A	Please refer to the Notice to Bidders dated October 9, 2018. The letter from Ennis-Flint references their quotation number 00203600 dated March 1, 2018 for \$214,403.50. Please provide a copy of this quotation.	This will be answered by Notice to Bidders. 10-24-18 This was answered by Notice to Bidders No. 7 dated 10/19/18.
22B	Are the three quotations from Ennis-Flint for \$4,307.36, \$1,992.93, and \$4,307.36 included in the \$214,403.50 quotation?	This will be answered by Notice to Bidders. 10-24-18 This was answered by Notice to Bidders No. 7 dated 10/19/18.
23	Please refer to Drawings E307 and E308. On the referenced drawings, there is electrical work to be performed on Taxiway ZA. Taxiway ZA is not included in the Analysis of Bid. Please advise which item this work will be paid under.	This will be answered by Notice to Bidders. 10-29-18 This was answered by Notice to Bidders No. 9 dated 10/29/18.
24	Please refer to Drawing E102. Under the Electrical General Notes, Note 52 is unquantifiable. Please provide locations or quantity of locations where existing manhole grounding will be required.	This will be answered by Addendum. 10-25-18 This was addressed by Addendum No. 3 dated 10/22/18. Refer to G005.
25	Please refer to Drawing E102. Under the Electrical General Notes, Note 58 is unquantifiable. Please provide locations or quantity where existing aeronautical lighting base replacements will be required.	No change to Contract Drawings. Bid as shown.

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26	Please refer to Drawings C212, C223, C312, C323, C362 and C363. Drawings C223 and C323 show a larger amount of removal and replacement of PCCP than shown on the Pavement Joint Layout Plan on C362. This also applies to drawings C212 and C312 compared with C363. Which drawings are correct in regards to the concrete paving?	This will be answered by Addendum. 10-25-18 Was addressed by Addendum No. 3 dated 10/22/18.
27A	Reference is made to drawing G005, General Note 3. <del>a&amp;</del> the Contractor required to have (2) dedicated sweepers and (2) water trucks?	No change to Contract Drawings. Bid as shown.
27B	Is the Contractor required to man (2) sweepers and (2) water trucks for the time the haul routes are being used or during the time construction is performed on site?	No change to Contract Drawings. Bid as shown.
28	Reference is made to drawing G005, General Note 8. What items are to be removed and retained?	This will be answered by Addendum. 10-24-18 Was addressed by Addendum No. 3 dated 10/22/18.
29	Reference is made to IFB page 1, can the Bid Book be unbound to insert addendum?	Refer to Contract Book, Page 1, last sentence of first paragraph.
30	Reference is made to the Analysis Of Bid. Can the Contractor submit the Analysis Of Bid on an Excel spreadsheet?	Refer to Contract Book, Page 4, first sentence of G.
31	Reference is made to Appendix A4. Does each firm submitting a quote need to complete and notarize the form?	Refer to Contract Book, Page 5, K. and Page 642, first line of first paragraph.
32	Will all employees need to obtain SWAC?	Refer to Contract Book, Page 124, A. 1.).
33	Please refer to the Contract Book's Analysis of Bid. Please provide the location of the work defined in Analysis of Bid, Unit No. 120 - Furnish and Install Concrete Encased FRE 6-5" Duct Bank.	Refer to Contract Drawing E304. 10-26-18 Revised response This will be answered by Notice to Bidders.
34	Please refer to the Contract Book's Analysis of Bid. Please provide the location of the work defined in Analysis of Bid, Unit No. 177 - Future Taxiway YA Stub Infrastructure System.	Refer to Contract Drawing E311.
35	Please refer to the Contract Book's Analysis of Bid. Please define the work to be included in the Analysis of Bid, Unit No. 200, Other Electrical.	Bid as shown.

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36	Please refer to the Contract Book's Analysis of Bid. In reference to the Electrical Items in the Analysis of Bid, the following work categories include Removal Unit Numbers: Runway Center Line Lighting, Runway Edge Lighting, Runway Touchdown Zone Lighting, Runway End Distance Remaining Signage System, Runway Infrastructure System, Runway Surface Sensors, and Runway Guard Lighting System. Which Unit Numbers should be used for the electrical removals at the taxiways?	No change to Contract Documents. Bid as shown.
37	Please refer to Drawings C201 to C223. Is existing wire mesh to be expected within the concrete pavement removal areas indicated in the referenced drawings?	This will be answered by Addendum. 10-25-18 Was addressed by Addendum No. 3 dated 10/22/18.
38A	Reference is made to drawing CS103 – Areas Available for Contractors Use. a. Who is responsible for the removal and disposal of soil, debris and temporary concrete barrier at the Contractor Stockpile Areas?	No change to Contract Documents. Bid as shown.
38B	If the Contractor is responsible for the removal and disposal, how will this work be paid?	No change to Contract Documents. Bid as shown.
39A	Please refer to the Contract Book's Division 1 Specification Section 94 - Building Information Modeling Requirements. Under Construction Model Requirement Paragraph A it states that the BIM Construction Model must be submitting within 45 days of acceptance of the Contractors Bid. a. Will any existing CAD files be provided for reference?	Information not available. Bid as per Contract Documents.
39B	Will any existing BIM models be provided for reference?	Information not available. Bid as per Contract Documents.
40	Will the Port Authority publish the sign in sheet and PowerPoint from October 12, 2018's Information Session/Site Visit?	Item 1 Information not available. Item 2 Will be sent.
41	In the most recent Q&A log from 10/10 some of the questions state "to be answered by addendum." By any chance do you know when Addendum 2 will be released?	Was addressed by Addendum No. 2 dated 10/17/18.
42	Please refer to Drawings G003 and CS103. On both of these drawings there is an area labeled Stockpile Area 1 and Stockpile Area 3. Is there a Stockpile area 2?	No change to Contract Drawings. Bid as shown.

QUES	QUESTION	RESPONSE
43	Reference is made to Section 43 – Time for Completion and damages for Delay. Paragraph III indicates to complete Stage 2B by May 27, 2019 while paragraph V indicates to complete Stage 2B by June 21, 2019. Which paragraph governs?	Bid as per Contract Book.
44A	Reference is made to Section 43 – Time for Completion and Damages for Delay. Are liquidated damages cumulative for individual stages and the final completion date?	Refer to Contract Book, Page 70, last sentence of clause entitled "TIME FOR COMPLETION AND DAMAGES FOR DELAY".
44B	Will the PA place a cap on liquidated damages per stage?	Bid as per Contract Book.
44C	Will the PA place a cap on liquidated damages beyond the final completion date?	Bid as per Contract Book.
45D	Will the PA provide for an incentive bonus?	Bid as per Contract Documents.
46	Reference is made to Section 84 – Available Property. Paragraph A indicates that Stage 11 is to be made available April 1, 2019 while Paragraph E indicates Stage 11 is to be made available September 17, 2019. Which paragraph governs?	This will be answered by Addendum. 10-18-18 Was addressed by Addendum No. 2 dated 10/17/18.
47A	Reference drawing C102, item 6 on removals legend (Remove existing asphalt concrete pavement and base material to a depth of 32” below finished grade). For the area marked by this pattern on sheet C223, sheet C323 shows the same area it to be replaced with proposed Portland Cement Concrete Pavement Type 1. The detail for Portland Cement Concrete Pavement Type 1 (see sheet C701), shows 18” of Portland Cement Concrete and 2” of asphalt concrete mix 3 placed atop the existing asphalt concrete pavement. Since the finished grade is approximately 2” above the existing grade in this area, removing the existing asphalt concrete 32” below finished grade will completely remove the existing asphalt concrete pavement. (According the existing pavement core data, this area consists of 8.25” asphalt concrete, 9” plant mix, and 8” stabilized base). Shall the existing asphalt concrete layer be replaced in kind in order to install Portland Cement Pavement Type 1?	This will be answered by Addendum. 10-25-18 Was addressed by Addendum No. 3 dated 10/22/18.
47B	If the answer to the above question is no, please advise on what base course and thickness for the proposed Portland Cement Pavement Type 1 is to be used.	This will be answered by Addendum. 10-25-18 Was addressed by Addendum No. 3 dated 10/22/18.

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47C	Please advise if the answer to the above noted questions applies globally to the entire project as this may occur elsewhere in the contract documents.	Bid as shown.
48A	Reference drawing C102, item 1 on removals legend (Mill existing concrete 3” below finished grade). Where the proposed grade is at a higher elevation than the existing grade by 3” or greater, milling will not be necessary to achieve the proposed pavement grades. a. Is it the intent to install 3” of asphalt in areas designated for 3” of milling regardless of existing and proposed elevations?	Bid as per Contract Documents.
48B	If the answer to the above question is no, will scarification be required on all surfaces that will not be milled?	Bid as per Contract Documents.
49A	Reference drawing C102, item 9 on removals legend (Remove existing asphalt concrete pavement and base material to a depth of 18” below finished grade). For the area marked by this pattern on sheet C220, sheet C320 shows the same area to be replaced with a proposed overlay of with asphalt concrete mix 3. The proposed grade in this area is approximately 12” below existing grade, therefore approximately 32” of existing material must be removed. Without existing pavement core data in this area, we are under the assumption that miscellaneous subgrade material exists at these excavated depths. a. Please advise it is the intent of the authority to install 18” of asphalt concrete atop miscellaneous subgrade material in these areas as the contract drawings suggest.	This will be answered by Addendum. 10-24-18 Was addressed by Addendum No. 3 dated 10/22/18.
49B	Please advise if the answer to this question applies globally to the entire project as this may occur elsewhere in the contract documents.	Bid as shown.
50	Reference is made to Contract Plan Sheet C102 and Division 32, Section 329120 of the Contract Specifications labeled Screened Loam Soil. In the application section 3.02 A.1. of Section 329120 , it is noted that a 6” layer of screened loam soil is to be placed atop of the prepared subgrade soils. This is contrary to what is shown on the Drawing Legend on drawing C-102 which notes landscape areas are to receive and incorporate 4” depth screened loam soil. a. Please clarify what depth of screened loam soil is to be provided for landscape areas shown on the contract drawings?	This will be answered by Addendum. 10-18-18 Was addressed by Addendum No. 2 dated 10/17/18.



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51	What contract item, either classified or unclassified, is the installation of the proposed screened loam soil to be paid for under?	No change to Contract Documents. Bid as shown.
52	Reference is made to Information For Bidders Section 5 – Qualification Information, Subsection B, paragraph 3 on page 7. Paragraph 3 refers to “the bidder or entity performing the electrical work”. Does sub-paragraphs c and d also refer to the bidder or entity performing the electrical work, or solely the entity performing the electrical work?	This will be answered by Addendum. 11-2-18 Was addressed by Addendum No. 5 dated 11/1/18.
53	Please refer to Specification Section 85 Construction Site Security Requirements Paragraph A.1. What is the cost to the Contractor for SWAC background checks?	Refer to Contract Book, Page 124, A. 1.), last line.
54	Please refer to Specification Section 85 Construction Site Security Requirements Paragraph A.2. What is the cost to the Contractor for SIDA training and certification?	This will be answered by Addendum. 11-2-18 Was addressed by Addendum No. 5 dated 11/1/18.
55	Please refer to Specification Section 85 Construction Site Security Requirements Paragraph A.2.b. As security firms need to be compensated for their time, how long is the SIDA training?	This will be answered by Addendum. 11-2-18 Was addressed by Addendum No. 5 dated 11/1/18.
56	Please refer to Specification Section 85 Construction Site Security Requirements Paragraph B.2.f. What is the cost to the Contractor for the Airport Security Guard Training course provided by the Authority’s JFK Airport Security?	This will be answered by Addendum. 11-2-18 Was addressed by Addendum No. 5 dated 11/1/18.
57	Please refer to Specification Section 85 Construction Site Security Requirements Paragraph B.2.f. As security firms need to be compensated for their time, how long is the Airport Security Guard Training course provided by the Authority’s JFK Airport Security?	This will be answered by Addendum. 11-2-18 Was addressed by Addendum No. 5 dated 11/1/18.
58	Please refer to Specification Section 85 Construction Site Security Requirements Paragraph D, Construction Site Access Control. How many Contractor provided guards will be required at the Guard Posts/Construction Entrances?	This will be answered by Addendum. 11-2-18 Was addressed by Addendum No. 5 dated 11/1/18.
59	Please refer to Specification Section 85 Construction Site Security Requirements Paragraph E.1. How long prior to commencing and after completion of work for the day do guards need to be on station?	Refer to CS101, Construction Site Security Requirements, Note 2.

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60	Please refer to Specification Section 85 Construction Site Security Requirements Paragraph E.1. Due to the extensive security guard and vehicles required, can multiple firms be utilized?	This will be answered by Addendum. 11-2-18 Revised response - Refer to Contract Book, Clause 85, Paragraph B. 1.) First sentence.
61	Please refer to Specification Section 85 Construction Site Security Requirements Paragraph F.1.a. What is the required spacing of security guards on the AOA sections of Haul Routes for sufficient coverage?	Bid as per Contract Documents.
62	Please refer to Specification Section 85 Construction Site Security Requirements Paragraph F.1.c. Do the guards manning the Work Area Perimeter count towards the 5:1 Worker in work area to security guard ratio?	Bid as per Contract Documents.
63	Please refer to Specification Section 85 Construction Site Security Requirements Paragraph F.1.c. What is the required spacing of security guards for Work Area Perimeter coverage?	Bid as per Contract Documents.
64	Please refer to Specification Section 85 Construction Site Security Requirements Paragraph F.1.d. Will guards be required at Guard Post J?	This will be answered by Addendum. 10-29-18 This was answered by Addendum No. 4 dated 10/29/18.
65	Please refer to Contract Book Chapter 2 – Compensation and Payments, Schedule of Unit Prices for Classified Work on page 50 as well as the Civil Drawing Legend on plan sheet C102. The civil drawing legend shows areas which require ‘Overlay with Asphalt Concrete Mix 3 (PG 64-22) Containing Warm Mix Additive to Finished Grade’. The Unit Price Schedule for classified work lists Item 3- Asphalt Concrete Mix 3 (PG 64-22) and Item 4-Warm Mix Asphalt Concrete Mix 3. Under what classified work item (listed above) does the ‘Overlay with Asphalt Concrete Mix 3 (PG 64-22) Containing Warm Mix Additive to Finished Grade’ get paid under?	This will be answered by Addendum. 10-25-18 Was addressed by Addendum No. 3 dated 10/22/18.

QUES	QUESTION	RESPONSE
66	Please refer to Contract Book Chapter 2 – Compensation and Payments, Schedule of Unit Prices for Classified Work on page 50 as well as the Detail Sheet on plan sheet C701. The drawing notes details for Shoulder Pavement and Erosion Pavement which call for ‘Warm Mix Asphalt Mix 3 (PG 64-22). The Unit Price Schedule for classified work lists Item 3- Asphalt Concrete Mix 3 (PG 64-22) and Item 4-Warm Mix Asphalt Concrete Mix 3. What type of asphalt (from the two classified work items listed above) is to be used for the Mix 3 Asphalt layer of the proposed Shoulder Pavement and Erosion Pavement ?	This will be answered by Addendum. 11-2-18 Was addressed by Addendum No. 3 dated 10/22/18 and Addendum No. 5 dated 11/1/18.
67	We respectfully request a four-week bid date postponement.	This will be answered by Addendum. 10-22-18 This was answered by Addendum No. 3 dated 10/22/18.
68	Can you please clarify the characterization of CLASSIFIED Bid Item 11 - 70,600 tons of off-site disposal as to it being Hazardous, Non-Hazardous (Subtitle C disposal) or General Fill (not required to be disposed into a state or federal permitted waste treatment and disposal facility)?	Refer to N102, Soil Disposal Notes 1 through 3.
69	Is there any analytical information available for the 70,600 tons of off-site disposal material?	Refer to N102, Soil Disposal Note 4.
70	On Sheet C519 where does Catch Basin 51905 discharge?	No change to Contract Drawing. Bid as shown.
71	On Sheet C101 Note 5 of the Portland Cement Batch Plant states the locations of the existing potable water supply are shown on Drawings CS012 and CS014. These referenced drawings do not appear to be included in the plan set.	This was answered by Addendum No. 2 issued 10/17/18.
72	On Sheet C101 Note 6 of the Portland Cement Batch Plant states the locations of the existing potable power supply are shown on Drawings S026, CS027, CS 028 and CS029 These referenced drawings do not appear to be included in the plan set.	This was answered by Addendum No. 2 issued 10/17/18.

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73	<p>Section 43 of the Contract, 'Time for Completion and Damages for Delay' section V. states, "Complete all Work in Stages 2A and 2B (with the exception of adjustments to grade of base cans and fixture installations) and return these aeronautical areas to service by 6:00 AM on June 21, 2019." Section III of the same provision states "Complete all work in Stage 2B and 10 (with the exception of adjustments to grade of base cans, fixture installations, and pavement markings) by 6:00 AM on May 27, 2019." Please clarify what date the completion of Stage 2B is required (with exception to the adjustments to grade of base cans and fixture installations).</p>	<p>Bid as per Contract Book.</p>
74	<p>Section 84 of the Contract, 'Available Properties' lists availability dates of April 1, 2019 and September 17, 2019 for Stage 11. Please clarify when Section 11 will be available to the Contractor.</p>	<p>This was answered by Addendum No. 2 issued 10/17/18.</p>
75	<p>Section 43 of the Contract lists various required completion dates and corresponding liquidated damages penalties for failure to achieve these dates. However, we are unable to find in the contract documents when the Authority will be providing Notice to Proceed. Please provide a date when bidders can assume Notice to Proceed will be provided.</p>	<p>Refer to Contract Book, Clause entitled "ACCEPTANCE OR REJECTION OF BID" on Pages 9 and 10.</p>
76	<p>Various restrictions are listed in Section 120 regarding work in active taxiway and runway areas. Without knowing which taxiways and runways will be active during the work, it is not possible to determine how these restrictions will impact the work. The Authority has provided availability dates for the various stages of the project. Are the bidders to assume that once the stages are made available, that the contractor will have unrestricted access to these locations except where noted as 'Night Work', specifically for Stages 14 and 15? It is our understanding for restrictions beyond those noted in Section 43 of the Contract will be compensated under the Emergency Delay clause, please confirm.</p>	<p>Refer to Contract Book, Clause 43 on Pages 67 through 70, Clause 84 on Page 123 and Clause 123 on Pages 214 and 215. Bid as shown.</p>

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77	<p>Section 43 of the Contract, page 70 states, “R. Three Hundred Thousand Dollars (\$300,000) beyond third 15-minute interval after 6:00 AM each day by which the Contractor fails to complete the Work in accordance with subparagraph XI. Above.” It appears this liquidated damage actually pertains to subparagraph XVII on page 68 of the contract, please confirm.</p>	<p>This will be answered by Addendum. 10-23-18 This was answered by Addendum No. 3 dated 10/22/18.</p>
78	<p>Part 5.)b. of Section 120 of the Contract (Page 203) states, “Do not enter any Air Operation Area unless accompanied by a representative of the Authority designated by the Engineer to escort the Contractor and equipment to and from the point or points of operation within the limits of such areas, and do not traverse back and forth between points within such areas unless accompanied by said Authority representative.”</p>	<p>No response needed.</p>
79	<p>It was our understanding based on the pre-bid that supervisory individuals obtaining a SIDA card will become authorized to escort employees of the Contractor within the AOA, please confirm. Will SIDA badged supervisory individuals also have the ability to escort delivery vehicles within the AOA once they have been inspected? If SIDA individuals cannot escort delivery vehicles within the AOA, can the PANYNJ provide the number of DR2 escort vehicles that will be made available to the Contractor at any given time to facilitate the work under this Contract?</p>	<p>Refer to Contract Book, Pages 125 and 126, C. 2.) a. and C. 2.) b.</p>
80	<p>Section 1.4.2.1 of the FAA Advisory Circular 150/5370-2 states that the Airport Operator must develop a CSPP (Construction Safety and Phasing Plan) for construction at the airport. Can bidders be provided with the CSPP that was submitted to the FAA for this project?</p>	<p>Information not available.</p>
81	<p>Section 122 of the Contract, Section F lists the requirements for Barricades onsite. Part F.3.) of Section 122 states that “All barricades shall be continuous and securely connected together with red lights mounted to the barricades.” Would this also mean that barricades must completely surround the work Phases in which the Contractor is engaged in construction activities, or only along paved access ways entering the area of work? For example, is barrier required along the runway to be paved if there is a grassy area between the runway and taxiway?</p>	<p>Refer to CS101, Construction Staging Note 5.</p>

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82	Reference DWG C101, Portland Cement Placement Note 5 which references a joint detail found on C172, and Note 8 which references concrete truck washouts found on N002. Please provide these referenced drawings.	This will be answered by Addendum. 11-2-18 Was addressed by Addendum No. 2 dated 10/17/18 and Addendum No. 5 dated 11/1/18.
83	On drawing ML101, notes 8 & 9. Note 8 states we are to furnish and install the holding position markings and surface painted holding positions signs (SPHPS) while note 9 states we are to furnish the Air-Mark Performed Thermoplastic markings for the holding position markings and surface painted holding positions signs (SPHPS) by Ennis-Flint. Then it states the Air-Mark Performed Thermoplastic holding position markings and surface painted holding positions signs (SPHPS) will be installed by others. Please explain who will be installing the markings?	This will be answered by Addendum. 10-25-18 Was addressed by Addendum No. 3 dated 10/22/18.
84	We respectfully request a four week extension to the current bid date of October 26th.	This will be answered by Addendum. 10-22-18 This was answered by Addendum No. 3 dated 10/22/18.
85	Are the question logs issued by The Port Authority contractual?	Refer to Contract Book, Page 41, second paragraph.
86	Please refer to Drawing E718. Please confirm that the light base rebar cage shown on the referenced drawing is only required for the light bases in PCC and PCC Transition Pavement.	Refer to E701 through E716 and E901 through E908. Bid as shown.
87	Please refer to Contract Book Division 1 Section 86 – Materials Furnished by the Authority shown on pages 128-133. Please provide the dates that the materials will be available to the Contractor.	Refer to Contract Book, Page 133, First full paragraph.
88	Please refer to the Contract Book’s Analysis of Bid. Please provide the location of the work defined in Analysis of Bid, Unit No. 29 – Remove 21” RCP.	Refer to Civil Drawings.
89	Please refer to the Contract Book’s Analysis of Bid. Please provide the location of the work defined in Analysis of Bid, Unit No. 35 – Manhole-Aircraft Rated.	Refer to Civil Drawings.
90	Please refer to the Contract Book’s Analysis of Bid. Please provide the location of the work defined in Analysis of Bid, Unit No. 42 – Furnish and Install 72” RCP, Inc. Excavation & Backfill.	This will be answered by Notice to Bidders. 10-29-18 This was answered by Notice to Bidders No. 9 dated 10/29/18.

QUES	QUESTION	RESPONSE
91A	Please refer to Contract Book Division 1 Section 43 - Time for Completion and Damages for Delay. a&This section does not reference any early milestones for Stages 7 & 11. Are these not required to be finished until 11/16/2019?	This was answered by Addendum No. 2 issued 10/17/18.
91B	Is November 16, 2019 the date for substantial completion?	Refer to Contract Book, Clause 63 on Pages 83 and 84.
91C	What is the date for Final Completion?	Refer to Contract Book, Page 68, Paragraph XVIII.
92A	Please refer to Contract Book Division 3 Section 033010 Subsection 3.05 Quality Assurance Testing, Sampling and Inspections. a. Who is responsible for concrete batch plant testing? If the Contractor is responsible, how will this be paid?	Refer to Contract Book, Pages 223 and 224, 1.04 A and B.
92B	Who is responsible for concrete field testing? If the Contractor is responsible, how will this be paid?	Refer to Contract Book, Pages 223 and 224, 1.04 A and B.
92C	Who is responsible for taking and testing concrete cylinders? If the Contractor is responsible, how will this be paid?	Refer to Contract Book, Pages 223 and 224, 1.04 A and B.
92D	Who is responsible for taking and testing concrete beams? If the Contractor is responsible, how will this be paid?	Refer to Contract Book, Pages 223 and 224, 1.04 A and B.
93	Please refer to Contract Book Division 31 Section 312323 Subsection 3.04 Quality Control and Quality Assurance Testing. Paragraph B.3 states that the Contractor is responsible for perform in-place quality control density testing. How will this testing be paid?	Refer to Contract Book, Pages 223 and 224, 1.04 A and B.
94	Please refer to Contract Book Division 1 Section 96 – Inspections and Rejections. This section states that the Contractor shall furnish a facility and give such assistance for inspection as the Engineer may direct. What are the requirements for this testing facility, and how is it to be paid?	Refer to Contract Book, Page 157, Clause 96, second paragraph, first sentence.
95	Please refer to Contract Book Division 1 Section 123 Subsection A Paragraph 1.b. Please define the Runway Safety Area (RSA) and Taxiway Safety Area (TSA) limits as these areas will require “surveying and preparatory work to be done during ‘Nightly Closures’”.	Refer to Contract Book, Pages 204 and 205.



96A	Reference is made to specification section 69 – Insurance Procured by the Authority. a. Will the policy of workers’ compensation provided by the PA cover trucking of material on site (including the haul routes indicated)?	Refer to Contract Book, Page 90, first paragraph.
96B	Will the policy of workers’ compensation provided by the PA cover trucking of material off site?	Refer to Contract Book, Page 89, fourth full paragraph.
97A	Please refer to Contract Book Division 32 Section 321123 Subsection 1.04 Quality Control Assurance. Paragraph D states that the aggregate base course control strip shall be used to calibrate the Contractor’s nuclear gage to confirm the quality control requirements are met. However, no reference is made for the Contractor to perform testing of the the aggregate base course during construction with the referenced nuclear gage. Paragraph E notes that the Engineer is to perform sampling and testing for the aggregate base course for quality control compliance. a. Is it the Contractor’s responsibility to perform the nuclear gage testing on the aggregate base course during the construction?	Refer to Contract Book, Pages 223 and 224, 1.04 A and B.
97B	If so, how is it to be paid?	Refer to Contract Book, Pages 223 and 224, 1.04 A and B.
98	Please identify/highlight the new question responses when an updated Questions from Bidders package is issued.	
99	We would like to request for 2 weeks extension due to the changes at addendum #2 and RFI’s that has to be answered to bidders	This will be answered by Addendum. 10- 22-18 This was answered by Addendum No. 3 dated 10/22/18.
100	Per Section 033010 1.02: When it comes to aggregate types / qualities and specifications (limits) especially to ASR (2.02 H 5.) and Scratch Hardness (CRD C130); the FAA, Port Authority, DOTs and USACE are all different, so which one prevails or governs?	No change to Contract Book. Bid as shown.
101	Per Section 033010 2.02 H: It calls for the use of trap rock or gneiss for all pavement wearing surfaces. Can other igneous material be used such as granites or Nepheline Syenites etc. be used?	No change to Contract Book. Bid as shown.
102	Per Section 033010 2.02 M: It calls out that all admixtures SHALL be manufactured by the listed. What about equivalent products by GRT (MAPEI)?	No change to Contract Book. Bid as shown.
103	We noticed there’s Asphalt Concrete Mix 3 with Modified Asphalt 76-22 & Mix 3 76-22 is in the plan But only Asphalt Concrete Mix 3 with Modified Asphalt is in bid sheets Are we going to assume everything will be with modified asphalt?	This will be answered by Addendum. 11-2-18 This was answered by Addendum No. 5 dated 11/1/18.



QUES	QUESTION	RESPONSE
104	Please provide the locations of the Analysis of Bid Unit Numbers 150 to 157, Runway 13L-31R Threshold Selector Cabinets System. Are the Connector Cabinets the same as the Threshold Selector Cabinets? Please clarify.	Refer to E301, E311 and E726.
105	Please provide the depths of the directional bores shown on drawings E303 and E307.	Refer to E728, Horizontal Directional Drilling Specification Note 17.
106	Please provide the depths of the 4-5" and 4-6" Conduits shown on drawing E304.	Refer to E722.
107	Please refer to the Questions from Bidders, October 17, 2018, Q&A 33: "QUESTION – Please refer to the Contract Book’s Analysis of Bid. Please provide the location of the work defined in Analysis of Bid, Unit 120 – Furnish and Install Concrete Encased FRE 6-5" Duct Bank. ANSWER – Refer to Contract Drawing E304." We have only found 4-6" and 4-5" Duct Bank on this drawing, not the 6-5" Duct Bank. Please clarify.	This will be answered by Notice to Bidders. 10-29-18 This was answered by Notice to Bidders No. 9 dated 10/29/18.
108	Please refer to the Questions from Bidders, October 17, 2018, Q&A 34: "QUESTION – Please refer to the Contract Book’s Analysis of Bid. Please provide the location of the work defined in Analysis of Bid, Unit No. 177 – Future YA Stub Infrastructure System. ANSWER – Refer to Contract Drawing E311." We only found the T/W YA, not Future YA, on this drawing. The Analysis of Bid includes Taxiway YA (Unit Numbers 174 and 175) and Future Taxiway YA (Unit Numbers 176 and 177). Please clarify.	Refer to E311 and E320. Refer to ML311 and ML 320.
109	In reference to the Analysis of Bid, Unit No. 70, Remove I/C No. 6, Counterpoise Grounding Conductor with Ground Rods, L-824 I/C No. 8, 5kV, Series Lighting Circuit Cable, and Associated Concrete Encased Schedule 40 Conduit. Please confirm that if the Concrete Encased Schedule 40 Conduit is below the limits of the existing pavement to be milled then the encased conduit is to remain in place.	Refer to E102, Note 17.

QUES	QUESTION	RESPONSE
110	In reference to the Analysis of Bid, Unit No. 87, Remove I/C No. 6, Counterpoise Grounding Conductor with Ground Rods, L-824 I/C No. 8, 5kV, Series Lighting Circuit Cable, and Associated Concrete Encased Schedule 40 Conduit. Please confirm that if the Concrete Encased Schedule 40 Conduit is below the limits of the existing pavement to be milled then the encased conduit is to remain in place.	Refer to E102, Note 17.
111	In reference to the Analysis of Bid, Unit No. 101, Remove I/C No. 6, Counterpoise Grounding Conductor with Ground Rods, L-824 I/C No. 8, 5kV, Series Lighting Circuit Cable, and Associated Concrete Encased Schedule 40 Conduit. Please confirm that if the Concrete Encased Schedule 40 Conduit is below the limits of the existing pavement to be milled then the encased conduit is to remain in place.	Refer to E102, Note 17.
112	In reference to the Analysis of Bid, Unit No. 112, Remove I/C No. 6, Counterpoise Grounding Conductor with Ground Rods, L-824 I/C No. 8, 5kV, Series Lighting Circuit Cable, and Associated Concrete Encased Schedule 40 Conduit. Please confirm that if the Concrete Encased Schedule 40 Conduit is below the limits of the existing pavement to be milled then the encased conduit is to remain in place.	Refer to E102, Note 17.
113	In reference to the Analysis of Bid, Unit No. 149, Remove I/C No. 6, Counterpoise Grounding Conductor with Ground Rods, L-824 I/C No. 8, 5kV, Series Lighting Circuit Cable, and Associated Concrete Encased Schedule 40 Conduit. Please confirm that if the Concrete Encased Schedule 40 Conduit is below the limits of the existing pavement to be milled then the encased conduit is to remain in place.	Refer to E102, Note 17.

QUES	QUESTION	RESPONSE
114	We are in the process of preparing our bid for JFK 164.020. We respectfully request a bid date extension of 2 weeks. The amount of time to generate a model for confirmation of Classified Quantities was longer than anticipated. The Lump Sum – Unclassified portion of this contract is also substantial and taking time quantify. Lastly the feedback from subcontractors is that they don't have enough time to prepare and submit a quote. Your consideration in this matter is greatly appreciated	This will be answered by Addendum. 10-22-18 This was answered by Addendum No. 3 dated 10/22/18.
115	Who is responsible for escorting personal, equipment, deliveries into and out of work zones the contractor or Port Authority of NYNJ?	This will be answered by Addendum. 11-2-18 Revised response - Refer to Contract Book, Clause 85, Paragraph C. 2.) a. and C. 2.) b.
116	Could the Port Authority supply a list of firms that have a Port Authority issued Security Service Permit?	This will be answered by Addendum. 11-2-18 This was answered by Addendum No. 5 dated 11/1/18.
117	Is there MT drawings issued for this contract?	No change to Contract Drawings. Bid as shown.
118	Electrical General Note number 52 is unquantifiable. Please provide locations or quantity of locations where existing manhole grounding will be required.	This was addressed by Addendum No. 3 dated 10/22/18.
119	Electrical General Note number 58 is unquantifiable. Please provide locations or quantity of locations where existing aeronautical lighting base replacements will be required.	Bid as shown.
120	When will the areas outside of the PA stage limits be available? specifically: a. & the electrical work that extends into Taxiway C shown on drawings E302 to E308 b. & the electrical work that extends into Taxiway B from Taxiway DB as shown on drawing E317 c. & the electrical work that extends into Taxiway YA from Taxiway Y as shown on drawing E319	This will be answered by Addendum. 11-2-18 This was answered by Addendum No. 5 dated 11/1/18.
121	Is the work specified below required to be performed at night? a. & the electrical work that extends into Taxiway C shown on drawings E302 to E308 b. & the electrical work that extends into Taxiway B from Taxiway DB as shown on drawing E317 c. & the electrical work that extends into Taxiway YA from Taxiway Y as shown on	This will be answered by Addendum. 11-2-18 This was answered by Addendum No. 5 dated 11/1/18.

QUES	QUESTION	RESPONSE
122	Please refer to Contract Book's Division 32 Section 321726 Subsection 2.02 Paragraph B. This paragraph states that the Glass Spheres for the airfield pavement markings shall meet the requirements of Federal Specification TT-B-1325D, Type I; Gradation A and Type III. Please specify if type I type III is required.	Refer to Contract Book, Page 523, Paragraph F.
123	The removal of pavement markings on the existing taxiways leading to the runway to be reconstructed required prior to the start of work?	Bid as per Contract Documents.
124A	The material for the new 4" PVC power and communication duct-banks is not listed in section 86. as being supplied by the Port Authority. Please confirm that this material will be supplied by the contractor and the cost should be included in our bid.	This will be answered by Addendum. 10-29-18 This was answered by Addendum No. 4 dated 10/29/18.
124B	Also please confirm that the cost of this work is to be included in item 67 on the ANALYSIS OF BID.	No change to Contract Documents. Bid as shown.
125	We are requesting a postponement of two weeks to the Bid deadline of Friday October 6, 2018. The postponement would allow us and our subcontract to review the Addendum 2 that was issued on Wednesday but was not received till Thursday the 18 of October. The addendum has add a substantial amout of work to review and included the changes in or cost of the bid.	This was addressed by Addendum No. 3 dated 10/22/18.
126	Please provide bidders your OCIP Manual that corresponds to Paragraph 69, Insurance Procured by Authority.	Refer to Contract Book, Page 90, sixth paragraph.

127	Notes 5 and 6 on Drawing C101 which previously referred to drawings not included in the contract for the location of potable water and existing power supply have been replaced with the words, 'Not Used'. Will any potable water or power supply be provided at the provided batch plant sites or is it the intent that the Contractor provide generators and truck in potable water to mix concrete onsite?	Refer to Contract Book, Page 179, Clause 116, second paragraph.
128	Note 10 on contract drawing E701 states that coring through slabs is prohibited for the installation of runway light fixtures. Note 11 states that damage to the PCC slabs will be repaired by the Contractor to the satisfaction of the Engineer at no additional cost. The details for the lighting fixtures require ¾" x 10' ground rods to be installed below the light fixtures. How will the Contractor install the ground rods through the underlying concrete base pavement without coring through or damaging the concrete slab? Also, these notes preclude the installation of lighting fixtures as shown in the details of the E7XX drawings in several areas. Each of these installation detail drawings indicates that a 6" concrete foundation is to be placed below each light fixture. Based on our analysis of the existing pavement cores available, there will not be sufficient depth to the underlying concrete pavement layer to install this foundation without removing concrete pavement. In these instances, may the required concrete foundation be installed more shallow to prevent conflict with the concrete pavement?	First Question - This will be answered by Addendum. Second Question - Bid as shown. 11-2-18 Was addressed by Addendum No. 5 dated 11/1/18.

QUES	QUESTION	RESPONSE
129	Addendum 2 eliminated on the plan civil drawings all but one transition slab as detailed on Contract Drawing C709. The transition slab remaining is located on Contract Drawing C311, please confirm that a transition slab detail will be used at this location.	Refer to C304, C311 and C314. Bid as shown.
130	The symbol list on Drawing E101 indicates that L-867 light bases are required for several lighting types and refers to various details in the E7XX series of drawings. There are discrepancies between the various drawings regarding the light base type requirement. For instance, E101 indicates the runway elevated edge/end/threshold lighting should be installed in a L-867 base and references drawing E707 for details. E707 shows an L-868 light base. Please clarify.	This will be answered by Addendum. 11-2-18 Was addressed by Addendum No. 5 dated 11/1/18.
131	Note 13 on Drawing E702 indicates that all bolts need to be re-torqued within two weeks of initial installation. For the lighting which requires extensions, does this include the bolts connecting the extensions to the base can?	Refer to E102, Note 43.
132	For the materials furnished by the Authority (section 86), please provide specifics regarding logistics such as: where are the materials currently stored, how will they be released to the contractor, how much input will the contractor have on scheduling of deliveries, etc. Are there any specific requirements for taking delivery of these materials?	Refer to Contract Book, Page 134, first paragraph at the top of page.
133	In the list of materials furnished by the Authority (section 86), an entry for "2" Conduit for Electrical" is shown along with a line item for "2" Conduit for Electrical and Comm.". Please confirm the type of conduit for each of these lines and, also, describe the difference between the line items.	This will be answered by Addendum. 10-29-18 This was answered by Addendum No. 4 dated 10/29/18.
134	Please confirm that all of the materials furnished by the Authority (section 86) meet the requirements of the specifications.	Refer to E102, Notes 22 and 23.

QUES	QUESTION	RESPONSE
135	<p>There appears to be some discrepancy between the quantities of materials to be furnished by the Authority (section 86) and those required by the contract documents. Is this the type of "shortage" referenced in Section 86 of the Contract? Is the Authority aware of any specific discrepancies in the quantities that have been pre-purchased vs. those required by the contract?</p>	<p>Refer to Contract Book, Page 133, last paragraph.</p>
136	<p>Can specific bills of material/purchase orders be provided for the materials furnished by the Authority (section 86) so that the contractor can confirm what, if anything, has not been pre-purchased? For example, certain components require various accessories and/or options and we would like to confirm that all the necessary components have been procured.</p>	<p>Refer to Contract Book, Page 133, second and fifth paragraphs.</p>
137	<p>Please refer to the Notice to Bidders issued on 10/9/18 and 10/19/18 as well as Contract Book Division 1 Section 86 – Materials Furnished by the Authority shown on pages 128-133. The referenced notice to bidders includes pricing from Ennis Flint for the thermoplastic pavement markings for surface painted holding position signs. There is no indication in the referenced specification section that this material will be purchased and supplied by the Port Authority. Is this material to be paid for by the Contractor, or provided by the Port Authority?</p>	<p>This was addressed by Addendum No. 3 dated 10/22/18.</p>
138	<p>Please refer to the Notice to Bidders issued on 10/9/18 and 10/19/18. It appears that the referenced Notice to Bidders includes the same quotes for thermoplastic pavement markings accompanied by different letters from Ennis Flint.  a&amp;Is the Notice to Bidders dated 10/19/18 supposed to supersede the notice issued 10/9/18?  b&amp;Will the remainder of the thermoplastic pavement markings to be purchased from Ennis Flint be quoted and presented in an additional Notice to Bidders?</p>	<p>a. Refer to Notice to Bidders 7, first paragraph, first sentence. b. Bid as per Contract Documents.</p>

QUES	QUESTION	RESPONSE
139	Reference specification section 329219 Subsection 3.02 – Installation. Item number two under seeding operations makes reference to specification section 329130 – “Adding Compost”. This specification section is not included in the specification set provided with the bid documents. Please provide details and specifications for the compost layer to be installed for seeding operations.	This will be answered by Addendum. 10-29-18 This was answered by Addendum No. 4 dated 10/29/18.
140	Please refer to the Contract Book’s Analysis of Bid. Please provide the location of the work defined in Analysis of Bid, Unit No. 24 – Remove 12” French Drain.	Refer to Civil Drawings.
141	Reference is made to drawing CS101, note 5 indicates to place low mass barrier around each construction stage. Can temporary concrete barrier with chain link fence be used in its place to reduce the number of security guards required?	Bid as per Contract Documents.
142	The spec. for the above mentioned job mentions a Flexibility Index Is it a plant or field item ( spec. ) .	Refer to Contract Book, Page 445, Paragraph 16, second and third sentences.
143	Please refer to Addendum 3 Drawing ML101. On this drawing Note 8 states that the holding position markings and the SPHPS are to be furnished and installed. Note 9 on the same drawings states that the Airmark preformed holding position markings and the SPHPS are to be furnished only and installed by others. Please confirm if the Airmark preformed thermoplastic markings are to be furnished only, or furnished and installed under this contract.	Refer to ML101, Note 9, first line.
144	Please refer to Questions from Bidders Log #8 question number 85. This question states “Are the question logs issued by The Port Authority contractual?”. The response to this questions indicates that the addendums issued by The Port are contractual and there is no mention of the Notice to Bidders and/or Questions from bidders. Are the Notice to Bidders and Questions From Bidders considered part of the addendums?	Bid as shown. 11-1-18 Revised response - Refer to Contract Book, Page 41, second paragraph and top of Bidders Questions Log.
145	Please refer to SWPPP Appendix E. It appears that the Soil Report provided is for LaGuardia Airport. Will the soil report for JFK Airport be provided?	No change to Contract Documents. Bid as shown.
146	Please refer to Drawing E728. Can HOBAS (Fiberglass Reinforced Polymer Mortar Pipe) be used in lieu of HDPE pipe for the directional drilling sections of the duct bank?	Bid as shown.



147	Please refer to Questions from Bidders Log #11 questions number 120 and 121. What are the time restrictions to perform work within the PA stages, prior to 4/1/19?	Refer to Contract Book, Page 214, Clause 123, A. 1.) b. (i).
148	Please refer to Questions from Bidders Log #11 question number 83 as well as Notes 8 and 9 on Drawing ML101. These questions are referring to the notes on the referenced drawing in regards to the Airmark preformed thermoplastic markings and SPHPS. These notes state that that the Contractor is to Furnish and Install these markings per note 8 and Furnish only and be installed by others per note 9. The Port's response to this question per addendum 3 was that in addition to the furnish and installation of these markings, the contractor is to furnish the markings installed by others. Is it the PA's intention to have the Contractor furnish and install a set per the contract documents and furnish a set of the same markings for the Authority's use in the future, essentially doubling the quantity needed?	Bid as shown.
149	Please refer to Questions from Bidders Log #11 question number 137. This question asks if the thermoplastic pavement marking materials by Ennis Flint will be provided by the PA or is it to be purchased by the Contractor. The PA's response is that the question was addressed in addendum 3. It appears that there is no indication of a response to this question in the addendum. Is this material to be purchased by the Contractor or the PA?	Bid as shown.
150	Please refer to the Contract Book's Analysis of Bid provided in Addendum 4. In regards to Unit No. 157 - Install 2" RGS Conduit, Please provide the location of the 2" RGS Conduit.	Refer to E726.
151a	Reference is made to Legend Drawing noted on contract drawing C100, Alignment & Paving Plans C300 thru C323 and Grading Plans C401 thru C423. The proposed landscaping shown on drawings C300 thru C323 calls for 3 types of landscaping to be constructed on the project. These 3 types are labeled on the drawing legend as follows:	No response required (not a question).
	Fill to finish grade, shape, incorporate 4" depth screened loam soil into the top 6" depth of fill, seed and apply high performance: flexible growth medium.	No response required (not a question).
	Grade, shape, incorporate 4" depth screened loam soil into the top 6" depth of fill, seed and apply high performance: flexible growth medium.	No response required (not a question).
	Grade, shape, incorporate 4" depth screened loam soil into the top 6" depth of fill, experimental turf seed (see note 30 on Dwg C101) and apply high performance: flexible growth medium.	No response required (not a question).

151b	In some areas of the project, the areas accepting the first type of landscaping listed above requires earthwork to be graded to allow for a 4" layer of loam to be installed to finish grade. However areas accepting the 2nd and 3rd type of landscaping do not call for earthwork to be performed to allow for the installation of the 4" layer of loam as noted in the plans. It appears that these areas are to receive the proposed 4" layer of loam atop of existing soils regardless of the existing grade. This also would result in the installed loam not being 'toed in' as well as not tying into the existing grades of the area.	No response required (not a question).
151b.1	Please advise if it is required to perform a 4" depth of cut to the subgrade of any proposed landscape areas which are shown as only receiving a proposed 4" loam layer placed on grade. This would ensure that the 4" loam layer meets the existing site grades and is 'toed in'.	Bid as shown.
151b.2	If it is not required to perform this 4" depth of cut to the subgrade, please advise if placing the 4" loam layer and corresponding landscaping treatments on the existing soils, regardless of grades or blending into the existing area, is acceptable.	Bid as shown.
152	Refer to the Addendum #4, Notice to Bidders quote from New Bedford Panoramex indicates to include the cost of the items in the Bid.	No response required (not a question).
152a	a. Are these items listed in the Material List to be furnished by the Authority (clause #86 of the contract book)?	No change to Contract Documents. Bid as shown.
152b	b. Which lighting system do these quoted items belong to (ie PAPI, ASLF,MALSR..)"	Bid as shown.
153	Refer to drawing E710, please confirm that phase II,note #8 is not applicable to the work in this drawing	This will be answered by Addendum. 11-2-18 Was addressed by Addendum No. 5 dated 11/1/18.
154	list of material furnished by PA shows 2C#8 5kv cable, all drawings show 1C#8 5kv cable. Please confirm it's 1C#8 5kv	Bid as shown.
155	Note 1 under 'Portland Cement Concrete Batch Plant Notes' on Drawing C101 states, "Two on-site portland cement batch plants shall produce all Portland cement concrete for paving." Will any consideration be made for the secondary batch plant being located offsite but within close proximity of the project and also having the ability and commitment to provide ready-mix concrete at the required quantities per Section 5.B.4 of 'Information for Bidders'?	Bid as shown.

156	The spec. for the above mentioned job mentions a Flexibility Index. Is it a plant or field item ( spec. ) .	Refer to Contract Book, Page 445, Paragraph 16, second and third sentences.
157a	Can you tell me if there is a DBE goal set for this project?	Refer to Contract Book, Page 14, Paragraph C.
157b	Also, is there any way to get the plans and specs electronically or quicker than sending out my check today and waiting for the package? My company specializes in the installation of Navigational Aids so I would just need the electrical package of plans/specs to provide a quote to the general contractors.	Refer to <a href="http://www.panynj.gov/business-opportunities/bid-proposal-advertisements.html">http://www.panynj.gov/business-opportunities/bid-proposal-advertisements.html</a>
158	Please refer to Drawing E303 and C503. This drawing shows the installation of six (6) 2” PVC drainage conduits from electrical light bases to existing catch basins. When we look at utilities drawing C503 three of the six existing catch basins are to be abandon and no longer exist, two of the six existing catch basins will be converted into manholes and only one of the six existing catch basins will be adjusted to the new grade and remain. The same scenario is	Bid as per Electrical Contract Drawings.
159a	Please refer to Drawing C101 and CS103. The note in regards to the existing power supply at the concrete plant on drawing C101 was removed in Addendum 2. a. Is there existing power available at both batch plant locations?	This was answered by Addendum No. 7 dated 11/7/18.
159b	b. If so, please provide the physical locations of the existing power supplies.	This was answered by Addendum No. 7 dated 11/7/18.
159c	c. If so, please provide the voltage and amperage available at both locations.	This was answered by Addendum No. 7 dated 11/7/18.
160	Please refer to Drawing C707. On the referenced drawing Detail “A” shows an “ 8” adapter for connection to drainage structure.” Please note that there is no reference made for this adapter in the contract drawings or specifications in regards to this detail. Please provide details or specification for this adapter.	This was answered by Addendum No. 7 dated 11/7/18.

161	Please refer to Drawings C501 thru C523 and the Infiltration Trench Detail found on Detail Sheet C703. The infiltration trench details on sheet C702 shows the proposed invert of the 8” perforated pipe and corresponding trench to be approximately 18” below top of finish grade. The utility plans provide specific invert elevations for the 8” perforated pipe- which makes the 8” perforated pipe and corresponding trench deeper than the 18” depth shown in the trench detail. Please advise if specific invert elevations, as shown on the utility plans, for the 8” perforated pipe take precedence over the typical infiltration trench detail with respect to depth of the pipe and the overall depth of the infiltration trench.	Bid as shown.
162	Please refer to Drawing C706 Catch Basin Type III Note number 1. This note states “Furnish and install Vapor Tight Trap where shown on contract drawings. See “Vapor Tight Trap” Details.” What drawings are the vapor tight trap shown and where can the “Vapor Tight Trap” Detail be found?	This was answered by Addendum No. 7 dated 11/7/18.
163	Please refer to the Notice to Bidders issued on 10/19/18, quote from Ennis Flint for the preformed thermoplastic pavement markings. It appears that these quotes only cover a portion of the preformed thermoplastic pavement markings (SPHPS, ILS). The AirMark preformed thermoplastic pavement marking hold bars shown on the drawings to be installed, were not quoted by Ennis Flint and provided to the Contractor. Is it the PA’s intent to have the Contractor and Subcontractor receive pricing for these hold bars directly from Ennis Flint, or will the pricing be provided by the PA?	This was answered by Addendum No. 7 dated 11/7/18.
164	There are a limited number of pavement marking subcontractors that are qualified and capable of performing the work required for this contract. There seems to be a number of concerns from the subcontractor about this work. Please address the following concerns:	No response required (not a question).
164a	a. Who will be providing the preformed thermoplastic pavement markings (Airmark)?	This was answered by Addendum No. 7 dated 11/7/18.

164b	b. Will additional quotes be provided by the PA for the remaining thermoplastic pavement markings not quoted by Ennis Flint previously (i.e. hold bars)?	This was answered by Addendum No. 7 dated 11/7/18.
164c	c. Are all preformed thermoplastic pavement markings shown on the drawings required to be furnished and installed on this contract or are portions only to be furnished (refer to ML101 note 9)?	This was answered by Addendum No. 7 dated 11/7/18.
164d	d. If the answer to Part C is yes, please provide additional details on what is to be installed under this contract and what will be installed by others.	This was answered by Addendum No. 7 dated 11/7/18.
164e	e. Are additional preformed thermoplastic pavement markings, other than the set to be installed, required to be furnished and installed by others at a later date (refer to ML101 note 9)?	This was answered by Addendum No. 7 dated 11/7/18.
164f	f. If the answer to Part E is yes, what will be required for the Contractor to provide? Please provide details.	This was answered by Addendum No. 7 dated 11/7/18.

165	Please refer to Drawing N102 – Soil Disposal Notes. The referenced notes outlines what is required to be provided to the Engineer and what requirements must be adhered to with respect to soil testing, classification of soils, reporting, analytical data and disposal facility requirements for the disposal of non-hazardous contaminated historic fill (Classified Item #11). Upon review of the contract plans, and specifications for Contract JFK 164-020, no other information is provided with respect to the requirements for disposing non-hazardous contaminated historic fill.	Refer to N102, Soil Disposal Note 3.
165a	a. Are there any additional notes, specifications, or contract documents other than those list above, that would influence the disposal of the non-hazardous contaminated historic fill (Classified Item #11)?	No change to Contract Documents. Bid as shown.
165b	b. If so, please advise to which requirements are to be used, other than the ones outlined on Contract Drawing N102, for the disposal of Non-Hazardous Contaminated Historic Fill (Classified Item #11).	No change to Contract Documents. Bid as shown.
166	Please reference Drawing E106. Please show the cable routing through the existing conduit system for Note 4 (OO Circuit), Note 5 (CC Circuit) and Note 6 (AS Circuit). The area plan drawings do not show the homeruns back to Switchhouse #1.	Refer to E104 and E105.
167	Contract Drawing G003 indicates various work areas within areas labeled “ILS Critical Area”. Are there any additional FAA mandated measures that need to be undertaken for work within these areas?	Bid as per Contract Documents.
168	Please refer to Drawing CS103 in regards to the concrete batch plant locations. Are there disconnects and transformers available at the power source locations?	This was answered by Addendum No. 7 dated 11/7/18.

169	Refer to Contract Drawing E-308, note indicates that drawing E323 is missing. Moreover, drawing E-727 surface sensor details and system wiring diagrams ask for the installation of a “V” sensor cable from CHH 423 to RPU-8. Please provide drawing or indicate the distance from CHH423 to the Existing RPU-8 Unit.	First Item - This will be answered by Addendum. Second Item - Refer to E306. 11-7-18 First Item This was answered by Addendum No. 7 dated 11/7/18.
170	Will the above referenced project be bidding as planned (11/7)? I was told that bidders are awaiting the release of another addendum and were curious to see if this will change the bid date.	This will be answered by Addendum. 11-6-18 Was addressed by Addendum No. 6 dated 11/5/18.
171	Please refer to Drawings ML308 and ML309. Is it required for the Contractor to remove and reinstall runway pavement markings within PA Stages 14 and 15 on Runway 13L-31R at the intersection of Runway 4L-22R during the same shift?	Bid as shown.
172	Please refer to Drawings ML308 and ML309 as well as Specification Section 43 paragraph XVII shown on page 68 of the Contract Book. Are the permanent pavement markings on Runway 13L-31R at the intersection of Runway 4L-22R required for opening Runway 4L-22R and returning the work area to Air Operations by 6:00 AM?	Bid as shown.
173	Please refer to Drawings E209 and E309. The Drawing shows a full replacement of approximately four (4) edge lights and base cans in the existing Runway 4L-22R. Please confirm if this is the PA’s intention or if these four (4) lights are fixture replacements only.	Refer to E701, Phase II - Extension And Fixture Installation In The PCC Pavement Notes 8 through 15.
174	We respectfully request a 2-week bid date extension in order to properly price the proposal	This will be answered by Addendum. 11-6-18 Was addressed by Addendum No. 6 dated 11/5/18.
175a	Regarding the ALSF System: a. will the contractor be reinstalling the existing transceiver/shorting device enclosures, lamp holder assemblies, lamp transceiver/shorting devices?	Bid as shown.
175b	b. If the above items are to be new, please provide quantity that will be furnished by the Authority and the quantity of items that the contractor will need to procure from NBP, per the quote provided under addendum #4	Bid as shown.

176a	Please confirm whether or not the Light Bases/Cans that are being provided by the Authority will be provided with a pre-drilled hole in the bottom for the ground rod.	Bid as shown.
176b	Contract Drawing E101 shows 2 different line types for removal of existing wire and conduit, one for power and communication ductbank and one for lighting cable. The description for the lighting cable removal indicates that full removal of the cable and concrete encased conduit is required. For Power and Communication duct bank, the abandonment of conduit is noted to be acceptable where located under pavements not being disturbed. Note 17 on drawing E102 states; "Where conduit is embedded in concrete, wiring shall be removed, conduit shall be cut back to surface of concrete and abandoned in place." Please confirm that note 17 on Drawing E102 applied to all locations of existing conduit shown to be removed.	Bid as shown.
177a	Please refer to Drawing E728. What type of surface monitoring is required for the Directional Drilling operations? How often will this be required?	Bid as shown.
177b	Please refer to Drawing E728. Will any testing of the HDPE pipe be required?	Bid as shown.
178a	Please refer to item 5 from the material list provided by the owner. Bare cooper counterpoise linear footage does not aligned with the total conduit footage provided by the owner. Please clarify	Bid as shown.
178b	Quantity discrepancy. Please refer to item 14 from the materials list provided by the authority The electrical drawings show significant difference between materials provided by the authority and material installed. Please clarify.	This was addressed by Addendum No. 5 dated 11/1/18.
179	Please refer to Drawing E728. Will the contractor be required to grout the outside of the pipe to ensure there are no voids beneath the runway resulting from the HDD operation?	Bid as shown.