

Attachment No.1

*Questions and Answers*

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The following questions and /or clarifications were requested by various bidders:

1.	Question	Boring D-1 is labeled four times on the Boring Location Map.
	<b>Response</b>	<b><i>Boring Location Map has been revised in this Addendum to appropriately label Boring D-1.</i></b>
2.	Question	Borings D-11, D-12 and D-13 are not shown on Boring Location Map.
	<b>Response</b>	<b><i>Borings D-11, D-12 and D-13 have been added to the Boring Location Map, in this Addendum.</i></b>
3.	Question	Boring D-12 is reported twice in the Boring Logs. Once in numerical order on sheet B 02.03.01 and again after D-19 on sheet B 02.04.01.
	<b>Response</b>	<b><i>Boring D-12 log has been deleted from sheet B 02.04.01, in this Addendum.</i></b>
4.	Question	Borings D-20 and D-21 are not shown in the Boring Logs, but are shown on the Boring Location Map.
	<b>Response</b>	<b><i>Borings D-20 and D-21 have been added to the Boring Logs, in this Addendum.</i></b>
5.	Question	Borings P-7, P-8, P-9 and P-10 are shown in the Boring Logs with significant rock presence, but not shown on the Boring Location Map.
	<b>Response</b>	<b><i>Borings P-7, P-8, P-9 and P-10 have been added to the Boring Location Map, in this Addendum.</i></b>

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6.	Question	Borings RB-19, RB-20 and RB-22 are shown in the Boring Logs, but not shown on the Boring Location Map.
	<b>Response</b>	<b><i>Borings RB-19, RB-20 and RB-22 have been added to the Boring Location Map, in this Addendum.</i></b>
7.	Question	Borings S-1, S-2, S-3, S-4, S-5, S-6, S-7, S-8, S-9, S-10, S-11, S-12, S-13 and S-14 are shown in the Boring Logs, but not shown on the Boring Location Map. Multiple with rock and/or groundwater.
	<b>Response</b>	<b><i>Borings S-1, S-2, S-3, S-4, S-5, S-6, S-7, S-8, S-9, S-10, S-11, S-12, S-13 and S-14 have been removed from the Boring Logs, in this Addendum.</i></b>
8.	Question	Borings T-3 and T-4 are shown in the Boring Logs, but not shown on the Boring Location Map.
	<b>Response</b>	<b><i>Boring T-3 does not exist. Boring T-4 has been added to the Boring Location Map, in this Addendum.</i></b>
9.	Question	Will there be coordination with the team that is building the Support Facility?
	<b>Response</b>	<b><i>Yes</i></b>
10.	Question	Will delay to the support facilities NTP (Spring 2020 according to the drawings) delay this NTP?
	<b>Response</b>	<b><i>The schedule for the Support Facilities project does not have a scheduling impact on this project.</i></b>
11.	Question	MCI is currently using the staging area shown on the plans as this project's staging area. What is the scheduled date that they will vacate that area
	<b>Response</b>	<b><i>The staging area shown will be available to the Contractor by the NTP date.</i></b>
12.	Question	RFI 1 – Contract Documents, Appendix "B-1," Article 5 requires a local agent to execute the bonds. Local agent signatures are no longer required by law. Please accept bonds signed by registered agents and the following change:

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		<i>"5. A <del>registered</del> agent of the Surety residing in the State of Georgia must execute the bonds . . . "</i>
	<b>Response</b>	<b><i>The language will be amended to state "A registered agent of the Surety must execute the bonds."</i></b>
13.	Question	RFI 2 – Contract Documents, Exhibit "A" General Conditions, Article 39.5 states the Contractor's sole remedy for Force Majeure is an extension of time for Contract completion. Please make an exception for any coverage available under the Owner provided Builders' Risk policy for delay in completion. Accordingly, we request the below revision:  <i>"39.5 Sole Remedy for Force Majeure. For delays in the construction of the Project caused by reason of Force Majeure, an extension in the time for Contract completion shall be CONTRACTOR'S sole and exclusive remedy for any such delay. In no event shall CONTRACTOR be entitled to any increase in the Total Contract Price or any other additional compensation for costs resulting by reason of Force Majeure, <u>with the exception of any insurance proceeds due under the Owner provided Builders' Risk Policy.</u></i>
	<b>Response</b>	<b><i>The language will not be revised.</i></b>
14.	Question	RFI 3 - OCIP Manual, Section 7, Article 7 states in the case of cancellation, modification or termination of the OCIP, Enrolled Contractors are required to provide replacement insurance coverage. The reimbursement for the cost of replacement coverage is to be calculated on a pro-rata portion of the Enrolled Contractor's Form 2. This may not be equitable since the Form 2 rates are Enrolled Contractor's 'Current Rates' at time of enrollment. Enrolled Contractor's annual policy rate vary from year to year. So, replacement insurance rates in a following policy year than the Form 2 rates will very likely be different. Enrolled Contractors should be entitled to reimbursement of their actual costs to replace the OCIP. Accordingly, we request the below revision:  <i>"7. OCIP Cancellation, Termination or Modification: . . . Enrolled Contractors will be required to immediately affect replacement insurance coverage, equivalent to what is currently required for Offsite and Excluded Parties. The</i>

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		<i>reimbursement for the cost of such replacement insurance will be calculated on a pro-rata portion of the Enrolled Contractors' <b>actual cost Form 2.</b>"</i>
	<b>Response</b>	<b><i>The manual will be revised to reflect the following language: The reimbursement for the cost of such replacement insurance will be calculated based on enrolled contractor's current insurance rate. Owner has the right to verify rates and premiums charged.</i></b>
15.	Question	RFI 4 - OCIP Manual, Section 8, Article 3, requires the Enrolled Contractors and Excluded Parties non-OCIP General Liability Insurance policies to exclude ISO exclusions K&L. Only the most sophisticated and larger contractors are able to amend the exclusion for Damage to Your Work. Asking for removal of both of these exclusions when an OCIP is provided is not industry precedent and is not commercially available to many contractors and subcontractors. Given the scope and type of work, this request is highly unusual and not good value for money. Accordingly, we request the below revision:  <i>"3. Commercial General Liability Insurance . . . Coverage must be on an ISO Occurrence Form acceptable to Owner, and shall include, but not be limited to, Premises-Operations, Personal Injury, Blanket Contractual Liability, Property Damage (with exclusions K&amp;L removed)...."</i>
	<b>Response</b>	<b><i>The language will be revised in the manual to reflect the request.</i></b>
16.	Question	RFI 5 – Contract Documents, Appendix "B-1", Article 1 states the Performance and Payment Bonds shall be issued each in an amount equal to 100% of the first year's contract value. Other sections in the contract documents, i.e. Exhibit "A" General Conditions, Section GC-12 indicate the bonds shall be issued in an amount equal to 100% of the Contract value. Please confirm which amount applies to the Performance and Payment Bonds.
	<b>Response</b>	<b><i>Performance and Payment Bonds shall be issued in an amount equal to 100% of the Contract value.</i></b>
17.	Question	On plan sheet C-04.07.01, there are a couple of different types of curb shown. There are details on Sheet C-05.03.01. There is currently only one pay item for curb and gutter. How will the header curb and transition curb be paid?

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	<b>Response</b>	<b>Header Curb is to be paid under the lump sum price for the Spent Deicing Facility. Transition curb shall be paid for as curb and gutter.</b>
18.	Question	Per note FD-1, on Sheet S 00.01.01, we request that we be provided the Geotechnical Report prepared by Willmer Engineering dated October 14, 2019.
	<b>Response</b>	<b>The boring logs and boring locations are provided in the B series sheets in the plans.</b>
19.	Question	Section D-761 – First Flush Containment System, 05) a) refers to pay limits being defined. Drawing 8.03.02 does not define pay limits for this LS bid item. Please provide the pay limit for this LS bid item and where Unit pricing for Storm Pipe and Structures starts and stops.
	<b>Response</b>	<b>The first flush system has been changed to a unit price item. The pay items in Specification D-761 have been updated to include all aspects of the first flush system.</b>
20.	Question	On sheet S.01.11.01 – Detail 1; the note for the slab on grade references #3 reinforcing bar. Slab on grade details on sheets S.03.02.01 & S.03.04.01 reference #4 reinforcing bar. Please verify the correct size for slab on grade reinforcing bar.
	<b>Response</b>	<b>Slab reinforcing, as currently called out is correct. Typical slab horizontal reinforcing bars are #3's as called out on S.01.11.01. However, at steps and at slab turndowns shown in S.03.02.01 and S03.04.01 larger #4 hooked and bent bars are required.</b>
21.	Question	SECTION F-165 – SIGNS "This item shall include, but not be limited to: highway signs, wayfinding signs, SIDA fence warning signs, and gate signs." Are all of these signs paid for under F-165-1 and F-165-2?
	<b>Response</b>	<b>Yes. All of the signs should be included under the F-165 pay items.</b>
22.	Question	SP-11 states the scope of work for the Spent Deicing Facility is "within the boundary". An exact boundary of the facility was not found on any sheets. Please provide an exact boundary for the Spent Deicing Facility.
	<b>Response</b>	<b>The boundary is represented by the Limits of Proposed Gravel as detailed on drawing sheet no. C14.01.01.</b>

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23.	Question	SP-11 states "The limits of the Spent Deicing Facility... shall end at the point of discharge line from the tanks connects to the sanitary sewer line." Does this mean that it stops at the connection at the Discharge Diversion Box or at the Existing 12" Sewer at SSWR MH-1 or at another location?
	<b>Response</b>	<b><i>The boundary is represented by the Limits of Proposed Gravel as detailed on drawing sheet no. C14.01.01.</i></b>
24.	Question	SP-11 lists Division 31 Earthwork in its requirements, but does not list Earthwork in its 03) Method of Measurement. Is earthwork for the spent deicing facility included and paid in Bid Item SP-11-1 or in bid items P-151-1 through P-152-7 or another bid item?
	<b>Response</b>	<b><i>The earthwork for the Spent Deicing Facility is included in the lump sum price for SP-11-1.</i></b>
25.	Question	SP-12 lists Division 31 Earthwork in its requirements, but does not list Earthwork in its 01) Description or 03) Method of Measurement. Is earthwork for the canopy included and paid in Bid Item SP-12-1 or in bid items P-151-1 through P-152-7 or another bid item?
	<b>Response</b>	<b><i>The earthwork for the Deicing Truck Storage Lot Canopy foundations shall be included in the lump sum price for SP-12-1.</i></b>
26.	Question	SP-15 states "All existing pipes and conduits less than 15" diameter shall be removed or abandoned ... pipes to be abandoned shall be capped with concrete at both ends or as otherwise directed by the Engineer.". If the Engineer directs a different method of abandonment, will the costs for that be paid as a change order?
	<b>Response</b>	<b><i>No. Removal or abandonment of ACP, regardless of method shall be paid from the allowance for SP-15-1 Asbestos Cement Pipe (ACP) Removal.</i></b>
27.	Question	SECTION T-904 – SODDING 03) CONSTRUCTION METHODS – (a)General "Areas to be solid, strip, or spot sodded shall be shown on the plans." No plans show the sod areas. Please provide these drawings.
	<b>Response</b>	<b><i>See specification T-904 section 01 Description (a). Sod is to be placed as shown on the Erosion Control plans or as directed by the Engineer.</i></b>

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28.	Question	Sheets C-13.06.01, C-13.12.01 show a SIDA double swing gate, but there is not a bid item for it. How will this be paid?
	<b>Response</b>	<b><i>The bid item for the SIDA double swing gate will be added to the Summary of Quantities, as well as the appropriate specification section.</i></b>
29.	Question	On the Portal, Section 2 part 3 has a requirement of attaching a completed Submittal Checklist. Please provide this document.
	<b>Response</b>	<b><i>The submittal checklist is not required.</i></b>
30.	Question	On the Portal, Section 3 has a requirement to attach a document. Please clarify what we're supposed to attach here.
	<b>Response</b>	<b><i>No submission is required. The requirement will be changed to display only.</i></b>
31.	Question	Is the Joint Venture Information Pre-Award Review EBO form due with the bid?
	<b>Response</b>	<b><i>Yes, bidders should submit the Pre-Award review from with the bid proposal.</i></b>
32.	Question	Is the First Source Job Training Letter of Assent, signed by the prime contractor, due with the bid
	<b>Response</b>	<b><i>Yes, the letter of Assent for the First Source Job is due with the bid proposal.</i></b>
33.	Question	Is the First Source Job Training Letter of Assent, signed by subcontractors, due with the bid?
	<b>Response</b>	<b><i>Yes, the letter of Assent for the First Source Job is due with the bid proposal.</i></b>
34.	Question	On the Portal, Section 16 part 1 has a requirement to attach a document. Please clarify what we're supposed to attach here.
	<b>Response</b>	<b><i>No submission is required. The requirement will be changed to display only.</i></b>



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35.	Question	Section 2 of the Technical Instructions to Bidders has a requirement of submitting an executive schedule with the bid. Will uploading a schedule to satisfy Exhibit C Form C Preliminary Contract Schedule also satisfy the Technical Instructions to Bidders executive schedule requirement?
	<b>Response</b>	<b><i>Yes, this will satisfy both requirements. Upload document to Section 7.</i></b>
36.	Question	Section 2 of the Technical Instructions to Bidders has a requirement of submitting an executive schedule with the bid. What section do we upload this to on the portal?
	<b>Response</b>	<b><i>Upload to Section 7.</i></b>
37.	Question	Section 3 of the Technical Instructions to Bidders has a requirement of submitting an executive quality control plan with the bid. Will uploading a QC Plan to satisfy Exhibit C Form G Summary of QC Program also satisfy the Technical Instructions to Bidders executive quality control plan requirement?
	<b>Response</b>	<b><i>Yes, this will satisfy both requirements. Upload the document to Section 7.</i></b>
38.	Question	Section 2 of the Technical Instructions to Bidders has a requirement of submitting an executive quality control plan with the bid. What section do we upload this to on the portal?
	<b>Response</b>	<b><i>Upload to Section 7.</i></b>
39.	Question	Section 4 of Technical Instructions to Bidders has a requirement of submitting an executive safety plan with the bid. What section do we upload this to on the portal?
	<b>Response</b>	<b><i>Upload to Section 7.</i></b>
40.	Question	Section 5 of the Technical Instructions to Bidders has a requirement of submitting an executive security plan with the bid. What section do we upload this to on the portal?

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	<b>Response</b>	<b>Upload to Section 7.</b>
41.	Question	On drawing T 01.06.05 can you indicate which Hand Holes and Manholes near "T" north need to be aircraft rated?
	<b>Response</b>	<b>The amended T 02 series Conduit and Fiber Enlarged Routing Plans are revised in this Addendum indicate which manholes/hand holes will need to be aircraft rated.</b>
42.	Question	On drawing T 01.06.05 can the phase 2 DOA conduit and the Delta conduit be directional bored at the contractors discretion
	<b>Response</b>	<b>The amended T 02 series Conduit and Fiber Enlarged Routing Plans are revised in this Addendum indicate which conduits will need to be directional bored. The Contractor may choose to directional bore conduits where directional bore is not specifically indicated at his discretion.</b>
43.	Question	On drawing T 01.06.05 note 12 indicates the size of the hand hole is 18" X 18" X 30", the detail on drawing T 05.01.03 indicates that the hand hole shall have fiber optic cable slack. <ul style="list-style-type: none"> <li>a. How much slack is required in each hand hole for fiber optic cable?</li> <li>b. Depending on answer above, is the hand hole of adequate size for the slack needed and maintain the minimum bending radius of the fiber optic cable</li> </ul>
	<b>Response</b>	<b>a. 12 to 24 inches of slack are required.</b> <b>b. Yes.</b>
44.	Question	Is splicing of fiberoptic cable allowed in handholes or manholes?
	<b>Response</b>	<b>Splices are not allowed unless otherwise noted.</b>
45.	Question	On drawing T 05.01.03 detail 3, what are the dimensions of the fiber optic vault? Is this the manhole to be used as indicated on drawing T 01.06.05? If it is not then can a detail be provided for the one that should be used?

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	<b>Response</b>	<b>48"x48"x48"</b> <b>The amended T 02 series Conduit and Fiber Enlarged Routing Plans are revised in this Addendum indicate which manholes/hand holes will need to be used.</b>
46.	Question	On drawings T 05.01.03 can more detailed information be provided on which duct bank installation are concrete encased?
	<b>Response</b>	<b>The amended T 02 series Conduit and Fiber Enlarged Routing Plans revised in this Addendum will indicate which duct banks must be concrete encased.</b>
47.	Question	During Phases 2 & 5 the work is adjacent to the Delta Techops Hangar. Best practices for paving would be to pave these 2 areas perpendicular to the hangar entry. Paving will be performed in the North & South direction, paving towards the hangar running South and away from the hangar when paving North. Is this the preferred direction of paving for these phases?
	<b>Response</b>	<b>The lane immediately adjacent to the Delta Tech Ops Hangar will be hand work. Beyond this lane, direction for paving in these areas is at the Contractor's preference.</b>
48.	Question	If the answer to the above question is "Yes" or "Contractors Preference", please consider this question. Will the contractor be given access to the Delta Techops Hangar when paving phases 2 & 5 in the North/South direction, for runoff of paving equipment when paving in the South Direction and staging of equipment when paving in the North Direction?
	<b>Response</b>	<b>The Contractor's slip form paver will not be given access the Delta Tech Ops Hangar and will not be allowed to travel along the hangar door tracks.</b>
49.	Question	If alternate phasing can be determined is the DOA open to rephasing the project or combining phases?
	<b>Response</b>	<b>The Contractor may propose alternate phasing to DOA and the Engineer for review and acceptance.</b>
50.	Question	The phasing plan shows phase 1 beginning in June of 2020 and phase 2 beginning immediately after phase 1 completion. Can phase 2 begin earlier than what is shown on the phasing plans?

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	<b>Response</b>	<b><i>The winning Bidder may propose alternate phasing to DOA and the Engineer for review and acceptance.</i></b>
51.	Question	Sheet G04.14.02 references phase 1B. However, there is no phase 1B in the plans. Will the DOA provide the scope of work, durations, and details of phase 1B prior to bid date?
	<b>Response</b>	<b><i>Sheet G04.14.02 has been replaced in this Addendum with Sheet G04.17.01, and the note in question has been revised to reference the correct phase.</i></b>
52.	Question	A temporary ramp is referenced on sheet G04.14.02. The plans state that it is to be constructed on the last day of phase 1B or the 1 <sup>st</sup> day of Phase 2. This seems to be out sequence from a constructability perspective. A ramp constructed at that location at that time, appears to block access to the Delta Techops Hangar, if construction also begins in Phase 2 at the same time. Is it the intention to construct the ramp in this phase and shut off access to the hangar at this time?
	<b>Response</b>	<b><i>The intention is to construct the temporary ramp and then move directly to the larger work area for Phase 2, to minimize the impact to the Delta Tech Ops Hangar.</i></b>
53.	Question	During phase 3 preferred paving direction is East to West. If runoff of paving equipment, or staging of equipment to start a paving lane, encroaches on Taxiway R12, will the contractor be able to utilize AMA crossing guards to pave this direction?
	<b>Response</b>	<b><i>AMA crossing guards are not required for construction outside the AOA. Contractor shall coordinate with DOA for any modifications to barricade locations.</i></b>
54.	Question	Due to the grading, slopes, and replacement of drainage on this project, along with recent unusual amounts of rainfall, will the DOA consider an allowance item for dewatering?
	<b>Response</b>	<b><i>A specification and pay item for Temporary Stormwater Drainage Management was added in this Addendum.</i></b>
55.	Question	A note on sheet C08.03.01 states "Electrical conduit conflict 2" PVC conduit invert = 985.82 top of storm pipe = 984.03". Will the EOR provide a solution to the conflict?

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	<b>Response</b>	<b><i>The distance between the two pipes is approximately 1.8' so a direct conflict between the two pipes does not exist. The relevant note was revised in this Addendum to replace "conflict" with "crossing."</i></b>
56.	Question	If the answer to the above question is "no", please consider this question. If the contractor is to provide the solution or a design to the conflict will they be compensated separately as a change order or is this to be considered incidental to the work?
	<b>Response</b>	<b><i>No conflict between the two pipes exists.</i></b>
57.	Question	If the answer to the above question #55 is "no" and the answer to #56 is "incidental", please consider this question. Which line item is the solution to the conflict to be incidental to, electrical conduit installation or storm pipe installation?
	<b>Response</b>	<b><i>No conflict between the two pipes exists.</i></b>
58.	Question	Several phases of the work take place during the hottest months of the year. If ambient air temperatures exceed 85 degrees during the day will the DOA consider raising the specification temperature at which concrete can be poured?
	<b>Response</b>	<b><i>The Contractor shall pave according to the temperature requirements in P-501 03) (g)(5).</i></b>
59.	Question	Will the EOR allow dowel baskets in reinforced panels 3' or less?
	<b>Response</b>	<b><i>Yes.</i></b>
60.	Question	Due to the complicated phasing, utilities, drainage, and paving it is imperative, during the bid process, to know exactly where the phase lines are according to the work being performed. Will coordinates for the phasing lines be issued or will phase lines be added to the plan sheets prior to bid date?
	<b>Response</b>	<b><i>Phase lines to the joint layout plans revised in this Addendum.</i></b>

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61.	Question	If a suitable location on airport property is found. Will the contractor be allowed to stockpile suitable spoils material for future DOA projects?
	<b>Response</b>	<b>Yes.</b>
62.	Question	Will the EOR consider allowing the contractor to wet stick smooth and deformed bars during the paving process?
	<b>Response</b>	<b>No.</b>
63.	Question	On drawing T 01.06.05 can EOR indicate which Hand Holes and Manholes near "T" north need to be aircraft rated?
	<b>Response</b>	<b>The amended T 02 series Conduit and Fiber Enlarged Routing Plans revised in this Addendum indicate which manholes/hand holes will need to be aircraft rated.</b>
64.	Question	Since a large portion of this job is a complex, design-build project, will you consider a 2 week delay in the bid date?
	<b>Response</b>	<b>The bid due date is extended to April 08, 2020, in this Addendum.</b>
65.	Question	Historically on Hartsfield projects, there is a blackout period in the winter around the holidays (Thanksgiving/Christmas/New Year) where contractors are not able to work due to the increased flow of travel traffic. It appears the current schedule does not account for those blackout periods. Will the schedule change to reflect those typical blackout periods? Or will the contractor not be limited by holidays?
	<b>Response</b>	<b>The blackout periods will only apply to fiber optic scope of work where Taxiway or Runway closures are required.</b>
66.	Question	In reference to the foundation under the tanks in phase 14, will the contractor be responsible for the design of the foundation under the tanks, or will the engineer provide design drawings for the foundation?
	<b>Response</b>	<b>The Contractor is responsible for the design of the foundation under the tanks.</b>

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67.	Question	Please provide any FAA mandated crane height restrictions if applicable to the project
	<b>Response</b>	<b><i>Crane height restrictions will be based on the type of crane, location, time of day/night of operation, and weather conditions. The FAA must study all crane/equipment effects on navigable airspace and determine feasibility and necessary mitigations. This is accomplished through the filing of a FAA Form 7460-1 "Notice of Proposed Construction or Alteration". This process generally takes 90+ days, and proposed equipment cannot be deployed prior to an FAA determination.</i></b>
68.	Question	Specification 331613.16-11, Section 2.1A4 (1), states that per the geotechnical report, the floor slab shall be supported by auger cast piles. Section 2.10B1, states, "conform to the requirements of Section 316810, Rock Anchors". In addition, Drawing Sheet C 14.06.01, Typical Wall Section detail, notes that the Spent Deicing Fluid tank floors are 4" in thickness. Please confirm the spent deicing fluid tank floor thicknesses shall be determined based on being supported by 16" ACIP piles with 320 kip/160 ton capacities and that rock anchors shall not be required.
	<b>Response</b>	<b><i>Floor thickness shall be determined based on the Contractors design. Rock anchors shall not be required. Sheet C 14.06.01 revised accordingly, in this Addendum.</i></b>
69.	Question	Specification 331613.16-16, Section 2.7D1, references galvanized strand for seismic cables. Section 2.7D2, references that strand for seismic cables shall be protected with a fusion bonded, grit impregnated epoxy coating. Please confirm that galvanized seismic cables are acceptable in lieu of requiring the fusion bonded, grit impregnated epoxy coating
	<b>Response</b>	<b><i>Galvanized seismic cables are acceptable.</i></b>
70.	Question	Specification 331613.16-17, Section 3.7A reference strand for prestressing of the spent deicing fluid tanks. However, strand is not allowed per AWWA D110, in regards to Type II tanks. We request that high carbon wire be utilized in lieu of any strand as it applies to prestressing of the tanks

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	<b>Response</b>	<b>High carbon wire shall be used.</b>
71.	Question	Specification 331613.16-19, Section 2.10G1, requires a lockable gasketed, 316 stainless steel roof hatch. Drawing Sheets C14.06.01, C14.11.01, and C14.12.01, depict and call for an access hatch with fiberglass cover and an observation hatch with fiberglass cover. Please confirm 316 stainless steel is required.
	<b>Response</b>	<b>Provide 316 stainless steel roof hatch. Drawings updated accordingly, in this Addendum.</b>
72.	Question	Specification 331613.16-19, Section 2.10H1, requires a fiberglass 316 stainless steel roof ventilator with minimum 16-mesh type 316 stainless steel bird screen. Drawing Sheet C14.14.01, requires a 50" fiberglass ventilator with 24/24 mesh polyester screen. Please confirm a 50" fiberglass vent is required with 316 stainless steel screen.
	<b>Response</b>	<b>Provide a 316 stainless steel ventilator with 316 stainless steel screen. Drawings are updated accordingly.</b>
73.	Question	Specification 331613.16-20, Section 2.10P1, requires the visual level indicator shall be painted steel construction. Drawing Sheets C14.06.01 and C14.14.01, requires a fiberglass liquid level indicator. Please confirm that a fiberglass liquid level indicator is acceptable
	<b>Response</b>	<b>Fiberglass liquid level indicator is acceptable. Specification is updated accordingly, in this Addendum.</b>
74.	Question	Specification 331613.16-22, Sections 3.4H, and 3.6B and D, require the diaphragm shall be encased and protected with no less than 1 in. of shotcrete in all locations. Drawing Sheet C14.06.01, requires a minimum 1½" cover over the diaphragm. Please confirm that a minimum 1½" cover over the diaphragm is required
	<b>Response</b>	<b>Provide 1 ½" cover over the diaphragm. Specification is updated accordingly, in this Addendum.</b>
75.	Question	Drawing Sheet C14.07.01, requires a vortex inhibitor. Please confirm if this accessory is to be fabricated or if this product can be provided by a supplier. Please provide supplier information if applicable



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	<b>Response</b>	<b><i>The vortex inhibitor is to be fabricated. No specific supplier is recommended.</i></b>
76.	Question	Drawing Sheet C14.07.01, requires an inlet screen. Please specify where the inlet screen is to be installed. Please also confirm if this accessory is custom built or if this product is provided by a particular supplier. Please provide supplier information if applicable.
	<b>Response</b>	<b><i>The inlet screen is to be installed inside the Spent Deicing Lift Station, as per drawing no. C 14.03.01. Specification Section 44 43 33.10, Intake Screens and Appurtenances provides a list of suppliers of inlet screens.</i></b>
77.	Question	Drawing Sheet M02.01.01, notes that the north spent deicing fluid tank shall have a strainer and vortex inhibitor (see detail, Sheet C14.07.01). Please confirm the strainer and vortex inhibitor is the same weldment.
	<b>Response</b>	<b><i>We confirm that the strainer and vortex inhibitor is the same weldment and as detailed on drawing C14.07.01.</i></b>
78.	Question	Drawing Sheet C14.09.01, requires 24" HDPE Inlet pipe. All other underfloor tank piping is ductile iron. Please consider requiring that all underfloor tank piping be ductile iron. HDPE pipe is not recommended to be installed under the tank structures.
	<b>Response</b>	<b><i>Pipes are to be as identified in the drawings.</i></b>
79.	Question	Drawing Sheet M03.01.01, Tank Schedule, provides 33.75 ft. for the tank Pressure Rating. Please confirm that 33.75 ft. is the required sidewall water depth of the tanks.
	<b>Response</b>	<b><i>The normal operating pressure for the tanks will be 33.75 ft, but the design must be based on accommodating the additional free board allowance and emergency overflow level as indicated on drawings and specifications.</i></b>
80.	Question	Specification 032100, Section 2.02F, requires 3-inch by 3-in plain concrete blocks, doweled blocks, or concrete brick to support bottom reinforcement in the foundation mats, etc. Typically the bottom steel mat is supported by

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		steel plate bolsters with galvanized base plates to support bottom reinforcement and protect the vapor barrier from being damaged. Please confirm that steel wire bar supports with galvanized base plates are acceptable for the Spent Deicing Fluid tanks.
	<b>Response</b>	<b><i>Reinforcement mat support for the Spent Deicing Tanks shall be incorporated according to the Contractor's design.</i></b>
81.	Question	Specification 260526 provides information about grounding and bonding. Please note that bonding to any concrete encased tank steel is not allowed per AWWA D110 Section 5.16 and requires that all bonding shall be done by using air terminals on the top of the tank dome with PVC conduit adhered to the exterior tank wall. Please confirm that bonding or lightning protection for the spent deicing fluid tanks will be installed as a separate system from the tank structure.
	<b>Response</b>	<b><i>Confirmed. The Grounding &amp; Lightning Protection System on the Spent Deicing Fluid Tanks is a separate system mounted on the surface of the tank. Please refer to Specification Section 264113 "Lightning Protection for Structures" and Section 260526 "Grounding and Bonding for Electrical Systems" for requirements.</i></b>
82.	Question	Please confirm that this project is not subject to Buy American or subject to AIS Requirements.
	<b>Response</b>	<b><i>Not required.</i></b>
83.	Question	Please confirm that expansion joints for trench drains are located at the trench drain inlet structures only.
	<b>Response</b>	<b><i>The expansion joints are located at the trench drain inlets and between the trench drain and full-strength pavement.</i></b>
84.	Question	The staging will cause multiple construction joints in the trench drains. Will a contraction joint be applicable in said locations or is there a longitudinal joint detail available?

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	<b>Response</b>	<b><i>A contraction joint will be allowed in these locations.</i></b>
85.	Question	Please confirm the contractor is responsible for development of Erosion Control Plans and LDP.
	<b>Response</b>	<b><i>The Contractor is responsible for the Erosion Control Plans and LDP.</i></b>
86.	Question	Sheet G 01.06.01 General Note No. 8 states, "There may be additional utilities other than those shown on these plans." Since the scope of utility location cannot be defined, would the please add an allowance for "Utility Sweep for Unknown Utilities."
	<b>Response</b>	<b><i>Utilities not identified on the plans that directly interfere with the progress of the work would be considered unforeseen and eligible as a change to the project.</i></b>
87.	Question	For access and egress to the job site could Gate 69 (Contractor's gate) be available for access and egress?
	<b>Response</b>	<b><i>Yes.</i></b>
88.	Question	Phase 1 is generally described as "proposed electrical duct-bank" (sht. G01.01.01). Sheet T 01.06.05 delineates a portion of the duct-bank relocation as "Option 1". Please confirm that Option 1 is the duct bank relocation required for Phase 1 (sheet G 04.01.01).
	<b>Response</b>	<b><i>Phase 1 contains the relocated airfield electrical duct bank as well as the relocated fiber duct bank as depicted as "Option 1" on sheet T 01.06.05.</i></b>
89.	Question	Phase 2 includes the construction of a permanent tie back wall from sta.601+75 to 603+75. The height and size of the wall do not fit the constraints in Phase 2. We request that the permanent tie back wall start during Phase 1 and completed by the Phase 2 time period.
	<b>Response</b>	<b><i>This is acceptable.</i></b>

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90.	Question	When does the City anticipate award? Due to the time for 7460 approval will the city file same for the project in order to preclude delays related to same? Will the City consider an administrative NTP in order to complete required submittals review and approval?
	<b>Response</b>	<b><i>The award is anticipated to be 2<sup>nd</sup> quarter of 2020. The NTP will be issued currently as is customary on the COA projects.</i></b>
91.	Question	All phases have the general notation: "The contractor shall maintain positive drainage throughout the duration of the project, including pumping and temporary drainage features on an as needed basis". The scope of the notation could vary significantly with the weather. In order to reduce the risk and associated exposure to OCIP, will the City establish an allowance for "Temporary Project Drainage."
	<b>Response</b>	<b><i>An Allowance, SP-16-1, Temporary Stormwater Drainage Management was established, in this Addendum.</i></b>
92.	Question	Phase 1B requires the removal of existing pavement on existing Ramp 33 and the replacement of the pavement with a 6" soil cement substrate within one continuous 24-hour closure. Soil cement has a 3-day cure period. We request the substrate be changed to an equivalent section of asphalt pavement.
	<b>Response</b>	<b><i>The subbase has been changed to low strength, low slump fill concrete, in this Addendum.</i></b>
93.	Question	Phase 3 indicates temporary NLVR pavement. Please provide typical section for temporary NLVR pavement. Will items of construction for temporary NLVR pavement be paid at contract unit prices?
	<b>Response</b>	<b><i>A typical section for temporary NLVR pavement has been added to sheet G 04.16.01. Items of construction for temporary NLVR pavement will be paid at contract unit prices.</i></b>
94.	Question	Will a building permit be required?
	<b>Response</b>	<b><i>Yes.</i></b>
95.	Question	On sheet G 03.01.01 note number 3 states "Contractor is responsible for repairing damage to the existing NLVR caused by hauling operations" and on sheet G 03.02.01 construction note 5.B.2. under contractor access states

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		<p>"The contractor shall repair any and all haul routes damaged by his/her construction activities at no cost to the owner." Within this same note it also states "The haul road is used by multiple contractors." Would the city consider establishing an allowance for "Haul Road Repair", since the contractor has no way of knowing at the time of the bid how much his/her construction activities solely will affect the existing NLVR/haul roads?</p>
	<b>Response</b>	<p><b><i>Contractor is not responsible for repair damage to existing haul routes used by multiple contractors. Note 3 on sheet G 03.01.01 has been deleted. Note 5.B.2 on sheet G 03.02.01 has been deleted, in this Addendum.</i></b></p>
96.	Question	<p>We can't find the prevailing wages required by Davis-Bacon in the bid documents. Please provide them.</p>
	<b>Response</b>	<p><b><i>Davis Bacon wages are not required for the project.</i></b></p>
97.	Question	<p>On page G04.14.02, Notes 2 and 3, the plans indicate: 2. Contractor is to install Temporary asphalt ramp pavement on last day of phase 1b or on first day of phase 2. And 3. Contractor shall demolish existing pavement and install new pavement in one continuous 24 hour closure. This is not possible because the temporary ramp requires soil cement, which in P-301, 4, i3 states No construction equipment or other traffic, other than the equipment used to apply the curing material, shall ride on the completed subgrade until the subgrade has cured for a minimum of three days, when the temperatures are continuously above 40 degrees, and five days when the temperatures are below 40 degrees. We wanted to bring to your attention the work cannot be performed/completed within the 24-hour period allotted. We are assuming the 3 days specified to perform the work, and are adding that to our schedule, and we are not adding liquidated damages to that total, as the work cannot be performed within the allotted time period.</p>
	<b>Response</b>	<p><b><i>Please see drawing G 04.17.01 in this Addendum, which revises the temporary ramp pavement section. Soil cement is no longer a base material in the temporary ramp.</i></b></p>
98.	Question	<p>Can excess cut and GAB be disposed of in an area inside the airfield where future projects will need fill?</p>

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	<i>Response</i>	<i>Yes</i>
99.	Question	On page C 08.12.01, Detail 1, Trench Drain, the plans indicate a 1'-6" section below the trench drain containing steel. We perceive that the top section should remain a consistent depth, and the bottom section should vary depending on the fall. We are also curious how we are able to mix the soil cement around the required #5 bars in the bottom section.
	<i>Response</i>	<i>The trench drain shall be in accordance with Detail 1 on sheet C 08.12.01. The #5 bars in the bottom section of the trench drain shall run continuously along the bottom as shown in Detail 1 on C 08.12.01. The lines protruding from the bottom of the trench drain in Detail 1 on C 08.12.01 are dimension lines and leader lines. No rebar shall protrude from the bottom of the trench drain.</i>
100.	Question	Will the temporary SIDA barrier fence be included under the permanent SIDA fence bid item? Or is it incidental?
	<i>Response</i>	<i>The temporary SIDA fence shall be incidental to the permanent fencing work.</i>