

ADDENDUM NO. 2
TO
PROJECT MANUAL, TECHNICAL SPECIFICATIONS AND DRAWINGS
FOR
BASS STREET WATER TANK AND WATER LINE IMPROVEMENTS
FOR
THE TOWN OF FORT MILL, SOUTH CAROLINA

Bids Received until 2:00 PM, Local Time, October 18, 2018

ACKNOWLEDGE RECEIPT OF THIS ADDENDUM BY INSERTING ITS NUMBER IN THE PROPOSAL; FAILURE TO DO SO MAY SUBJECT BONA FIDE BIDDER TO DISQUALIFICATION. THIS ADDENDUM FORMS A PART OF THE PROJECT DOCUMENTS; IT MODIFIES THEM AS FOLLOWS:

TECHNICAL SPECIFICATIONS

<p>SECTION 00 21 13 Instructions to Bidders Paragraph 1.7.B.1.b Page 2 of 10</p>	<p>Modify the paragraph of this Section to read:</p> <p>b. Each bidder shall furnish with his bid a set of plans, consisting of a general plan of the structure giving primary dimensions, plate thickness, support wall thickness and pour height, concrete dome thickness, the elevations of low and high-water levels, interior wet, interior dry and exterior paint areas, and a foundation plan (<i>including deep foundation</i>).</p>
<p>SECTION 00 72 14 GENERAL CONDITIONS Article 23 Page 11 of 14</p>	<p>Modify the paragraph of this Section to read:</p> <p>Article 23 - General Warranty After Completion of Contract: For a period of <i>two years (Division One) and one year (Division Two)</i> after the completion of the Contract, except as extended by other parts of these specifications, the Contractor warrants the fitness and soundness of all work done and materials and equipment put in place under the Contract. Neither the final certificate of payment nor any provision in the Contract Documents nor partial or entire occupancy of the premises by the Owner shall constitute an acceptance of work not done in accordance with the Contract Documents, or relieve the Contractor of liability in respect to any express warranties or responsibility for faulty materials or workmanship. The Contractor shall guarantee the equipment to be free from defects in workmanship, design, and material for a period of <i>two years (Division One) and one year (Division Two)</i> after start-up operation and formal acceptance of equipment. The Contractor shall replace without charge any part or parts of any equipment defective or showing undue wear in that time. The Contractor shall remedy any defects in the work and pay for any damage to other work resulting therefrom, which shall appear within a period of <i>two years (Division One) and one year (Division Two)</i> from the date of final acceptance of the work unless a longer period is specified. The Owner will give notice of observed defects with reasonable promptness.</p>
<p>SECTION 01 10 00 SUMMARY Paragraph 1.2.G Page 1 of 3</p>	<p>Modify the paragraph of this Section to read:</p> <p>G. For Division Two, the Contractor shall have a superintendent on site at all times that work (either General Contractor or subcontractor</p>

	working) is being performed. Refer to Section 33 16 20 for requirements for supervisory personnel for Division One. If the superintendent cannot be there during the work time, an assistant superintendent can fulfill these duties. Each superintendent or assistant superintendent that is in responsible charge shall be an OSHA competent person.
SECTION 01 30 00 Administrative Requirements Paragraph 1.2.K Page 3 of 4	Modify the paragraph of this Section to read: K. The Contractor shall only employ competent and skilled personnel on this contracted work. The Contractor shall have a Superintendent who is satisfactory to the Engineer and who is capable of acting as the Contractor's agent on this work. This Superintendent shall be employed by the Contractor and shall receive instructions from the Engineer or his authorized representative. The Superintendent shall have full authority to execute the orders and directions of the Engineer without delay, and to promptly supply materials, tools, plant equipment, and labor as may be required. The Contractor shall upon demand by the Engineer, immediately remove that Superintendent, Foreman, and/or Workman whom the Engineer may consider to be incompetent or undesirable, or both.
SECTION 01 30 00 Administrative Requirements Paragraph 1.4 Page 4 of 4	Modify the title of the paragraph of this Section to read: 1.4 PROGRESS MEETINGS (NOT REQUIRED)
SECTION 01 40 00 Quality Requirements Paragraph 1.2.D Page 1 of 4	Modify the paragraph of this Section to read: D. Tests shall be arranged by the Contractor as directed by the Engineer. The cost of all specified inspection and testing of materials, including field testing of soils and concrete, for Division Two, shall be paid by the Contractor whether called for in this section or other sections. The cost of all specified field compaction testing of soils and testing of concrete for the construction of the tank, which is subject to Special Inspection, for Division One, shall be paid by the Owner. All other specified inspection and testing of materials for Division One, shall be paid for by the Contractor whether called for in this section or other sections. Companies to be hired by the Contractor for testing shall first be submitted for approval by the Owner and Engineer.
SECTION 01 40 00 Quality Requirements Paragraph 1.3.A Page 1 of 4	Modify the paragraph of this Section to read: A. No separate payment will be made for the work under this Section. Except as specifically noted, the Contractor shall arrange and pay for all testing services.
SECTION 01 45 23 Testing Laboratory Services Paragraph 1.2.A Page 1 of 3	Modify the paragraph of this Section to read: A. No separate payment will be made for the work under this Section. Except as specifically noted elsewhere, the Contractor shall arrange and pay for all testing services.
SECTION 01 70 00 Closeout Requirements Paragraph 1.3.B.10	Delete the text from this paragraph of this Section: 10. Successfully complete the 30 day operating period.

Page 1 of 3	
SECTION 03 30 00 CAST-IN-PLACE CONCRETE Paragraph 3.10.A Page 20 of 24	<p>Modify the paragraph of this Section to read:</p> <p>A. Except as specifically noted elsewhere, the Contractor shall arrange and pay for all concrete testing services on the referenced project.</p>
SECTION 09 97 14 NEW WATER TANK PAINTING Paragraph 3.2.B. Page 10 of 18	<p>Modify the paragraph of this Section to read:</p> <p>B. The Contractor shall be responsible for containing and collecting all paint, residues, dust and other debris generated during the cleaning and coating of the tank. The Contractor shall install containment and/or utilize suitable engineering controls to control fugitive emissions/dust and to contain and collect all debris for disposal off site. The work area will be monitored to provide an immediate assessment of the performance of the methods employed by the Contractor. Under no circumstance shall emission extend beyond the tank property or boundaries defined in the specifications and all debris, dust, paint shall be collected.</p> <p>The controls/approach proposed by the Contractor must have been successfully used by the Contractor on similar projects with acceptable results. The Contractor shall prepare and submit a site-specific, written plan for the methods to be employed for containment and collection of debris and control of emissions/dust. The plan shall be submitted to the Engineer for review and approval prior to starting coating work on site. Review of the Contractor's proposed plan in no way guarantees compliance with applicable laws, regulations or other requirements of this Specification and does not relieve the Contractor from responsibility to meet all requirements. The Contractor remains solely responsible for the adequacy and completeness of the programs and work practices, and adherence to them.</p>
SECTION 33 16 20 COMPOSITE ELEVATED WATER STORAGE TANK Paragraph 2.2.A.6 Page 6 of 24	<p>Modify the paragraph of this Section to read:</p> <p>6. Support wall inside diameter: 36'-0" to 40'-0"</p>
SECTION 33 16 20 COMPOSITE ELEVATED WATER STORAGE TANK Paragraph 2.7.B.2 Page 9 of 24	<p>Modify the paragraph of this Section to read:</p> <p>2. The minimum thickness of any steel plate, including the plate used as a membrane over the structural concrete floor and the roof plate, shall be 1/4 in.</p>
SECTION 33 16 20 COMPOSITE ELEVATED WATER STORAGE TANK Paragraph 2.10.B. 4 and 5	<p>Modify the paragraph 4 and 5 of this Section to read:</p> <p>4. The opening shall have a minimum 4 in. curb for attaching the access hatch with a rubber gasket between the hatch and the frame to provide a watertight seal.</p>

Page 12 of 24	5. Provide aluminum covers with a 2 in. down turned edge, heavy gasket bonded to the cover to assure a continuous seal, stainless steel hardware, hold open arm, watertight locking mechanism and lock hasp that will accommodate a padlock to be supplied by the Owner. Cover shall be equipped with a spring latch with interior and exterior turn handles that allows easy, one-hand operation, to the fully open or closed position.
Appendix E	Add the Appendix E for the Determination of No Hazard to Air Navigation. A total of 3 pages.

DRAWINGS

DRAWING C.07 SHEET 9 OF 22	Modify the note in the <u>AIR RELEASE VALVE DETAIL</u> that pertains to the model of the combination air and vacuum valve to the following: <i>CRISPIN UL (UNIVERSAL) SERIES COMBINATION AIR AND VACUUM VALVE OR EQUAL. REFER TO DRAWINGS FOR SIZE OF AIR VACUUM VALVE AND PROVIDE WITH ¼" ORIFICE. COORDINATE SIZE OF ORIFICE WITH MANUFACTURER FOR REQUIRED OPERATING PRESSURE, FILL RATE AND AIR CAPACITY TO ENSURE PROPER OPERATION OF THE VALVE.</i>
DRAWING C.08 SHEET 10 OF 22	Modify the <u>INSULATED FLANGE KIT DETAIL #3</u> to include the following: <i>1. INSULATED FLANGE KIT SHALL BE ADVANCED PRODUCTS & SERVICES (APS) OR EQUAL.</i>
DRAWING MS.01 SHEET 13 OF 22	Modify the first line of note 5 in <u>MISCELLANEOUS IRON</u> to the following: <i>½" STAINLESS STEEL (316 S.S.) INSTRUMENT TUBE (PARKER OR EQUAL) FROM THE 16" INLET/OUTLET PIPE, CONNECTED DOWNSTREAM OF THE EXPANSION COUPLING, TO THE ALTITUDE VALVE AND PRESSURE TRANSMITTER (TYP 2 TUBES). TUBE SHALL BE HEAT TRACED AND INSULATED FOR FREEZE PROTECTION.</i>
DRAWING MS.02 SHEET 14 OF 22	Add the following note to the notes: <i>8. COORDINATE THE LOCATION OF THE ABOVE GRADE INTERIOR PIPE WITH THE PEDESTAL DIAMETER TO MAINTAIN ALL CLEARANCES AND THE OVERALL FUNCTIONALITY AND ORIENTATION OF THE PIPE. SUBMIT DETAILS OF PIPE WITH THE SHOP DRAWINGS FOR THE REVIEW AND APPROVAL OF THE ENGINEER.</i>

QUESTIONS AND ANSWERS

In response to questions that have been formally submitted by bidders, responses are provided as follows and form a part of the Contract Documents:

APPENDIX E

Determination of No Hazard to Air Navigation



Mail Processing Center
Federal Aviation Administration
Southwest Regional Office
Obstruction Evaluation Group
10101 Hillwood Parkway
Fort Worth, TX 76177

Aeronautical Study No.
2018-ASO-5186-OE

Issued Date: 04/19/2018

Greg Rushing, PE - Utilities Director
Town of Fort Mill
131 E. Elliott Street
Fort Mill, SC 29715

**** DETERMINATION OF NO HAZARD TO AIR NAVIGATION ****

The Federal Aviation Administration has conducted an aeronautical study under the provisions of 49 U.S.C., Section 44718 and if applicable Title 14 of the Code of Federal Regulations, part 77, concerning:

Structure:	Water Tank Bass Street Water Tank
Location:	Town of Fort Mill, SC
Latitude:	35-00-51.12N NAD 83
Longitude:	80-57-14.40W
Heights:	653 feet site elevation (SE) 199 feet above ground level (AGL) 852 feet above mean sea level (AMSL)

This aeronautical study revealed that the structure does not exceed obstruction standards and would not be a hazard to air navigation provided the following condition(s), if any, is(are) met:

As a condition to this Determination, the structure is to be marked/lighted in accordance with FAA Advisory circular 70/7460-1 L Change 1, Obstruction Marking and Lighting, red lights - Chapters 4,5(Red),&12.

Any failure or malfunction that lasts more than thirty (30) minutes and affects a top light or flashing obstruction light, regardless of its position, should be reported immediately to (877) 487-6867 so a Notice to Airmen (NOTAM) can be issued. As soon as the normal operation is restored, notify the same number.

This determination expires on 10/19/2019 unless:

- (a) the construction is started (not necessarily completed) and FAA Form 7460-2, Notice of Actual Construction or Alteration, is received by this office.
- (b) extended, revised, or terminated by the issuing office.
- (c) the construction is subject to the licensing authority of the Federal Communications Commission (FCC) and an application for a construction permit has been filed, as required by the FCC, within 6 months of the date of this determination. In such case, the determination expires on the date prescribed by the FCC for completion of construction, or the date the FCC denies the application.

NOTE: REQUEST FOR EXTENSION OF THE EFFECTIVE PERIOD OF THIS DETERMINATION MUST BE E-FILED AT LEAST 15 DAYS PRIOR TO THE EXPIRATION DATE. AFTER RE-EVALUATION OF CURRENT OPERATIONS IN THE AREA OF THE STRUCTURE TO DETERMINE THAT NO

SIGNIFICANT AERONAUTICAL CHANGES HAVE OCCURRED, YOUR DETERMINATION MAY BE ELIGIBLE FOR ONE EXTENSION OF THE EFFECTIVE PERIOD.

This determination is based, in part, on the foregoing description which includes specific coordinates, heights, frequency(ies) and power. Any changes in coordinates, heights, and frequencies or use of greater power, except those frequencies specified in the Colo Void Clause Coalition; Antenna System Co-Location; Voluntary Best Practices, effective 21 Nov 2007, will void this determination. Any future construction or alteration, including increase to heights, power, or the addition of other transmitters, requires separate notice to the FAA. This determination includes all previously filed frequencies and power for this structure.

If construction or alteration is dismantled or destroyed, you must submit notice to the FAA within 5 days after the construction or alteration is dismantled or destroyed.

This determination does include temporary construction equipment such as cranes, derricks, etc., which may be used during actual construction of the structure. However, this equipment shall not exceed the overall heights as indicated above. Equipment which has a height greater than the studied structure requires separate notice to the FAA.

This determination concerns the effect of this structure on the safe and efficient use of navigable airspace by aircraft and does not relieve the sponsor of compliance responsibilities relating to any law, ordinance, or regulation of any Federal, State, or local government body.

This aeronautical study included evaluation of a structure that exists at this time. Action will be taken to ensure aeronautical charts are updated to reflect the most current coordinates, elevation and height as indicated in the case description.

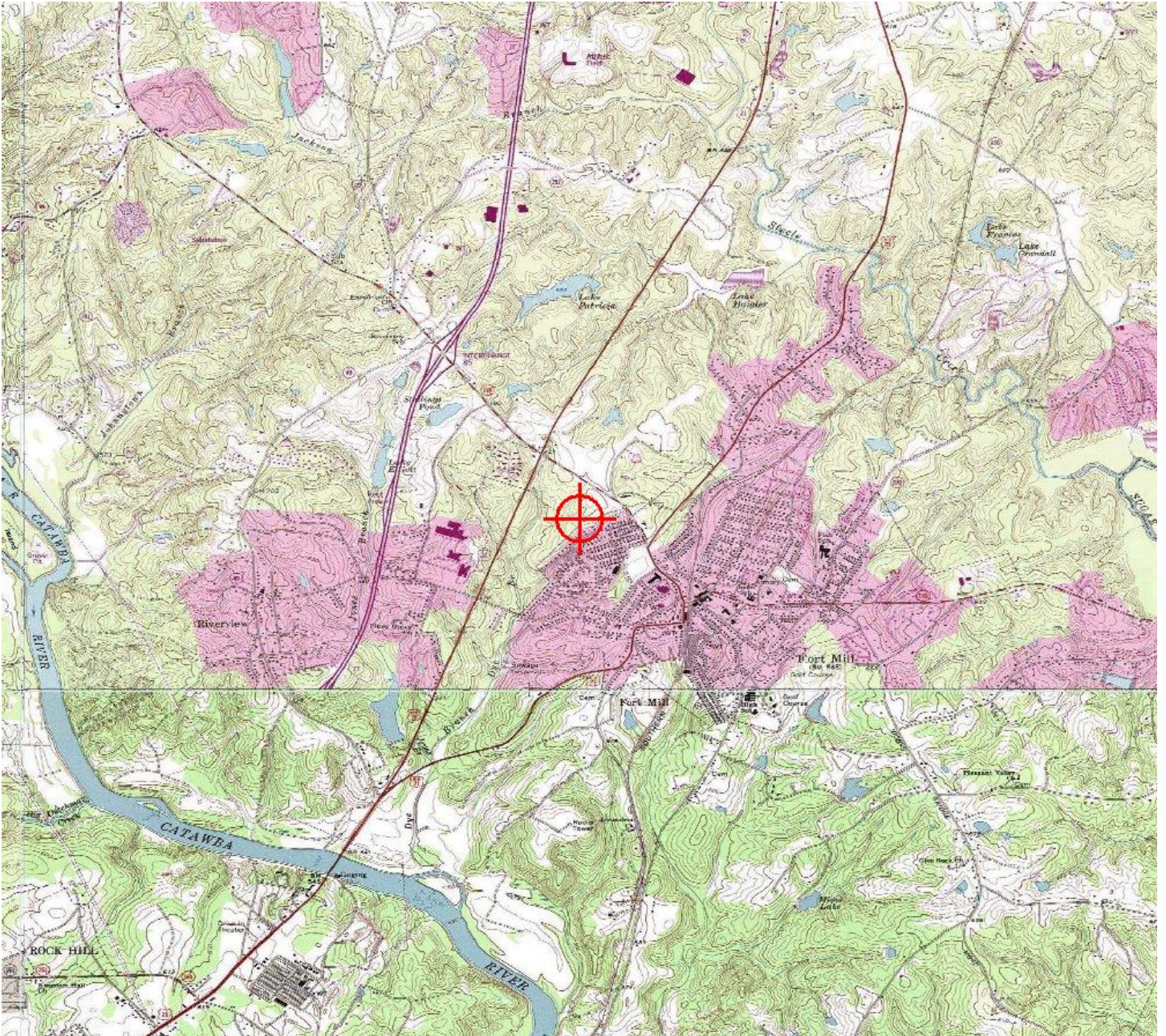
If we can be of further assistance, please contact our office at (202) 267-5281, or lynette.farrell@faa.gov. On any future correspondence concerning this matter, please refer to Aeronautical Study Number 2018-ASO-5186-OE.

Signature Control No: 359188786-363093194

(DNE)

Lynnette Farrell
Technician

Attachment(s)
Map(s)



QUESTIONS FROM BIDDERS

Bass Street Water Tank
FOR
Town of Fort Mill, SC

W&S Project No. 096-17-181

Bid Date: THURSDAY OCTOBER 18, 2018 @ 2:00 PM

Update:

10/12/2018 16:02

Question #	Question	Answer
1	When will this project bid?	This project was advertised on September 1st, with a bid date of October 18, 2018.
2	Is there is a cost estimate/budget available for the Bass Street Water Tank and Water Line Improvements project. Also, can you please tell me when you expect work to begin?	Division I Estimate (Water Tank) = \$3,000,000 Division II Estimate (Water Line) = \$550,000 A Notice to Proceed will likely be issued around the first of the year.
3	On the drawings and/or in the specs, some products/items are listed as a specific manufacturer "or equal", what is the process for submitting substitutions for specified products?	The GC may request a substitution for a specific product/item during the construction phase. Please refer to Section 01 60 00, which outlines the procedures for GCs to request/submit substitutions during construction.
4	What permits, business licenses and associated fees are required (Drawing G.01, General Project Note 5 and Drawing E.01, General Note 2 and Section 33 16 20 2.1.B, C)?	A building permit for the project (Division One only) from the Town of Fort Mill must be secured. A Town of Fort Mill business license is required. There may also be other permits required by specific trades (i.e., electrical, blasting, etc).
5	Can we install 30" diameter roof hatches in lieu of 30" square roof hatches (Drawing MS.01, Misc Iron Note 3)?	The two – square roof access hatches (access tube and tank interior) offer a larger open area than the proposed round opening and they are weatherproof access hatches that will open without assistance when the latch is released, and not just a hinged curbed opening. The requirements for theses hatches will be clarified by Addenda. However, a round curbed roof opening (2.13.C) for access to the interior rigging rail may be installed as long as it provides the same open area as the specified opening.
6	Can you provide a drawing showing the sensing lines (Drawing MS.01, Misc Iron Note 5)?	A drawing showing the sensing lines does not appear necessary. However, the location for the point of connection of the sensing line to the fill pipe will be clarified by addenda.
7	Are the four spare conduits shown in addition to the antenna cable penetration shown on Drawing MS.02 (Drawing E.01, Electrical – Site Plan)?	Yes. These are both to be provide.
8	Is the warranty period one year or two years (Section 00 72 14 Article 23)?	Two Year (Division One) and One Year (Division Two). This will be clarified by Addenda.
9	Is the project subject to Buy American Iron and Steel provisions (Section 00 72 14 Article 37)?	No, the project is not subject to federal AIS requirements.
10	Can the subcontractor furnish the site superintendent when only the subcontractor's work is being performed such as site work, foundation, electrical work (Section 01 10 00 1.2.G and Section 01 30 00 1.2.K and Section 33 16 20 1.5.E)?	No, for Division One, the General Contractor must have a site superintendent onsite for at least the entire construction of the foundation (deep foundation, pile cap, etc) and the construction of the support structure and steel tank. Section 01 10 00 and 01 30 00 will be clarified by Addenda.
11	Can the progress meetings be conducted by telephone if we do not have a crew working at the job site (Section 01 30 00 1.4)?	This will be clarified by Addenda. Regularly scheduled progress meetings will not be required for either division of the work.
12	What is the cost of the Special Inspection Services performed at our shop for steel tank fabrication (Section 01 45 33 1.6.A.2)?	The daily rate for SIs performed off-site at the shop for structural elements/assemblies is \$680/day (8-hour day), excluding travel time and travel expenses.
13	Will the Special Inspector conduct inspections daily as required to allow us to pour concrete every day while constructing the concrete tank support pedestal (Section 01 45 33 3.3.D)?	Yes, however, the special inspector will need to be notified at least 24 hours prior to a concrete pour. Therefore, if you plan to pour on consecutive days, notification will need to be provided, at a minimum, the day prior to the concrete pour in question.
14	Does the tank have to be in operation for thirty days before the final completion date, which would result in a completion period of only 420 days for this project (Section 01 70 00 1.3.B.10)?	No, the tank does not need to pass a 30-day operating period to obtain final completion.

QUESTIONS FROM BIDDERS

Bass Street Water Tank
FOR
Town of Fort Mill, SC

W&S Project No. 096-17-181

Bid Date: THURSDAY OCTOBER 18, 2018 @ 2:00 PM

Update:

10/12/2018 16:02

Question #	Question	Answer
15	Do we follow AWWA D107-16, Section 33 16 20, and industry standards for the composite tank concrete support wall relating to mixes, curing, form removal, placement, finishing, slump, rebar cover, etc. in lieu of Sections 03 10 00, 03 20 00, 03 30 00, 03 35 00, 03 39, 00?	It's anticipated the sections are complimentary, except as specifically included in Section 33 16 20, the requirements for concrete elsewhere would apply. This will be clarified by Addenda.
16	Are paragraphs pertaining to testing residue for lead and other heavy metals applicable to this project since this is new tank painting (Section 09 97 14 3.9 F, G, H, I, J, K)?	Yes.
17	Is the heat tracing and insulation and only installed on the sensing lines and altitude valve pilot lines (Section 22 05 33 and Section 22 07 01)?	The heat tracing and insulation is on the sensing lines and altitude valve pilot lines and also the pressure taps for the gauges and pressure transmitter
18	Literature has been provided on a Double offset Butterfly Valve. It appears these applications are similar to others that use the Double offset design as a Standard specification.	No changes are proposed to the specifications for the butterfly valves for this project.
19	Who is on the planholder's list?	Refer to http://wiedeman.com/wp-content/uploads/2018/10/096-17-181-Bass-Street-Plan-Holders_10.5.18.pdf
20	Please confirm this project is not exempt from state and local taxes and the Contractor shall include taxes in their bid.	The project is not exempt from state and local taxes.
21	If permits (building, construction, etc.) are required: <ul style="list-style-type: none"> • What is their cost or who do we contact to obtain their cost or find out if the cost will be waived? • Will one permit cover the entire structure or are separate permits require for foundation, tank, electrical, plumbing, etcetera? • What is the typical review period (# days) and what documents will be required for the submittal? • Will the permit be required to be in place prior to any site work being performed? • Are there any additional licenses or fees that the Contractor must pay for? 	<ul style="list-style-type: none"> • The cost for the building permit for Division One will not be waived and is the contractor's responsibility. Please contact the Town of Fort Mill planning department for the cost of fees. • We will confirm w/ the Town and clarify as soon as we have a response. • We will confirm w/ the Town and clarify as soon as we have a response. • Refer to Specification 33 16 20, Paragraph 2.1.B. The building permit must be issued before starting work on the tank and foundation, but not the site improvements. • Refer to http://wiedeman.com/wp-content/uploads/2018/10/096-17-181-Bass-Street-Plan-Holders_10.5.18.pdf.
22	Has an Obstruction Evaluation/Airport Airspace Analysis (OE/AAA) been filed with the FAA? If one has been filed and completed, are the results available? If there has not been one completed, please notify the Owner that one must be completed by the Owner for the permanent structure prior to the Contractor mobilizing on site.	A determination of no hazard to air navigation has been received by FAA. A copy of the letter received from FAA will be included with an upcoming Addenda.
23	Will there be any 3rd party inspection(I.e. TIC, KLM, AEC etc.) on construction or painting? If so, who will it be and on what portion of work?	The requirements for third party inspection to be provided by the general contractor (Division I and Division II) are identified in the specifications and on the drawings. All testing and inspections, other than special inspections, are the responsibility of the contractor.
24	The support wall inside diameter is listed as 36'-0 to 38'-0. Our standard shaft diameter for a 1000M CET is 40'-0. Will this be acceptable?	Specification Section 33 16 20, Paragraph 2.2.6 will be revised to include a range from 36'-0" to 40'-0"
25	The specification states that the Concrete pour height shall be a minimum of 6 ft. and a maximum of 12 ft. Please revise to a minimum of 4ft. Concrete pour height to allow Caldwell Tanks to bid. Please see corresponding information that is being sent to your attention.	At this time, no changes are proposed to the requirements to the forming system for the tank. Contractors are not being pre-qualified for this project. Contractors qualified and capable to construct the tank will be considered. Refer to the specifications for required qualifications and experience.
26	What is the cost of the Fort Mill Business License? Whom do we contact to find out cost?	Contact the Business License Manager Lynne Elting (803-835-1167) or letting@fortmillsc.gov .
27	Is the project funded entirely by City of Fort Mill dollars? or is there any outside agency involved in funding the project? If so , whom is it and do they have any requirements for certified payrolls, minimum wage , etc.?	Refer to Section 00 11 16 – Invitation to Bid. The project is funded in part by a Grant from the South Carolina Rural Infrastructure Authority. The RIA grants are funded with state dollars so none of the federal grant/loan requirements (i.e., AIS, certified payrolls, etc) apply.

QUESTIONS FROM BIDDERS

Bass Street Water Tank
FOR
Town of Fort Mill, SC

W&S Project No. 096-17-181

Bid Date: THURSDAY OCTOBER 18, 2018 @ 2:00 PM

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Question #	Question	Answer
28	The specs require a sketch of the tank showing the general dimensions of the Composite tank to be submitted with the bid. We suggest a sketch of the proposed foundation also be required to be submitted with the bid.	The specification will be revised by a forthcoming Addenda to require a sketch of the proposed foundation with the bid for Division One.
29	What specifically are the "Special Inspections" that the contractor is responsible for? If it is not known maybe an allowance for all bidders could be established on the bid form.	Refer to Section 01 45 33 for additional requirements for Special Inspections for Division One. The Town of Fort Mill has retained the special inspection firms for the Project (Wiedeman and Singleton, Inc and S&ME). Refer to Paragraph 1.7 of Specification 01 45 33 for additional information regarding payment for Special Inspections by the Owner.
30	Although the roof plate are not in contact with water, the roof plate are seal welded both sides. We suggest the min thickness of the roof plates be a minimum of 1/4" to help dissipate the heat from welding on both sides of the plate. Please confirm roof plate should be min 1/4"	Section 2.7. B.2 of Specification 33 16 20 will be clarified to include the roof plate.
31	Can shop paint inspection be done with a NACE Level 1 or 2 inspector?	No, the shop inspections shall be completed by a Level 3 – NACE Certified Coating Inspector.
32	Can localized containment at grade with vapor blasting be used in lieu of containment system since exterior painting will be done on ground before hoisting? The entire site will be surrounded by trees.	The specification will be revised to allow the Contractor to submit/utilize acceptable engineering controls/work practices that reduce airborne dust and localized containment to contain/collect debris as an alternative to full containment. The proposed details of the work would need to be submitted for review and approval by the Engineer and would need satisfactorily control fugitive emissions/dust in the field and to allow the collection and disposal of debris.
33	Are we required to hire a field third party NACE Level 3 Inspector ? or only required to have Paint Manufacturer NACE Level 3 be active in periodic quality control inspections with paint crew?	Specification 09 97 14 requires the Paint Manufacturer to have a NACE Level 3 technical representative to participate in periodic quality control inspections of the coating work at the site.
34	Will a ten percent bid bond be required for this project? Typically most projects only require a five percent bid bond.	Yes, refer to Specification Section 00 11 16, Invitation to Bid.
35	It is unclear in spec section 33 05 23 1.2.3 how rock will be handled if it is encountered in the bore and jacks. Can you please clarify?	All excavation for the bore pits is unclassified and no separate payment will be made for rock. All bores are unclassified, except if solid rock is encountered, and the bore can't be completed because of solid rock. If solid rock is encountered during the bore this would be considered a changed condition and the approach and cost for the completion of the crossing (i.e., change to a rock head, open cut, etc.) will be negotiated between the Owner and contractor. Refer to section 33 05 23 1.2.3.
36	When do you anticipate a notice to proceed for this project? Will you issue the notice to proceed for both divisions at the same time? With our current workload it would help out if we could hold off the notice to proceed for division 2 for an additional 60-90 days after the notice to proceed for Division 1. Do you think that this is something the City of Fort Mill would entertain?	Its anticipated that council will consider the award of both divisions of work at the Monday November 12, 2018 council meeting. Considering the time for contracts/holidays/etc., the NTP for both divisions may not occur until after the first of the year 2019. The Town is flexible on the start date for the work for Division Two (waterline construction), which has a much shorter project duration than Division One (tank). Refer to drawings for restrictions on clearing, which could affect the start of work.
37	Do you have any specifications for the 16" Insulated Flange kit that is required at the tie-in at Sta. 0+00?	Advanced Products & Services, LLC (APS) or equal shall be provided. The note on sheet C.08 will be modified by addenda to include this manufacturer for the isolation flange kit.

QUESTIONS FROM BIDDERS

Bass Street Water Tank

FOR

Town of Fort Mill, SC

W&S Project No. 096-17-181

Bid Date: THURSDAY OCTOBER 18, 2018 @ 2:00 PM

Update:

10/12/2018 16:02

<i>Question #</i>	<i>Question</i>	<i>Answer</i>
38	Plan Sheet C.07 shows three different trench details for pipe bedding, please clarify which one we are to use for this project.	Please refer to spec section 31 23 17 3.5 D. 1-2. The minimum cover required is 4' and the maximum varies. The minimum pressure class is 250 psi for the 16" diameter piping installed on this project. The bedding type can be determined from the provided information and may vary based on depth of cover along pipe alignment.
39	What are the test pile/pile installation testing requirements?	The contractor is responsible for providing their own third party testing agency, at no additional cost to the owner, that will conduct testing from the test pile installation to the final pile installation.
NOTES:	1. Company Names and Trade Names have been removed from the questions. The answers contain trade names only to refer to existing installations. These inclusions do not represent an endorsement of the product or the company. 2. Questions from sales representatives have been edited where appropriate for brevity. 3. Questions from General Contractors have been left untouched. 4. Significant Changes in answers previously posted are marked in red.	