



ADDENDUM #3

ITB/RFP NUMBER: 2016017-PU-B

Park View Tank 0.5 MG Elevated Water Tank ITB

DATE: March 4, 2016

TO: All Potential Bidders/Offerors

City of Harrisonburg's Park View Tank 0.5 MG Elevated Water Tank ITB, is modified as follows:

1. Question: What are the fees for permits (Sheet G-002, General Note 7 and Section 330910 1.7 A.2)?

Answer: Bidders are directed to contact authorities responsible directly for clarification. Permits and fees to be included, (but not limited to), are the City of Harrisonburg Commissioner of Revenue (business license) and the Office of Community (building and site permits). All fees, if any, should be included in the bid and will be removed by change order if the fees are waived.

2. Question: Can we use our standard support wall diameter of 24' (Sheet C-201, Schematic Elevation)?

Answer: No, please bid as designed; interior piping layout dictates design as provided.

3. Question: Can we install uni-strut or z-brackets in lieu of the 2" rigid conduit for coax cable (Sheet C-201, Schematic Elevation)? Coax cable is required to be supported at 3' to 5' intervals.

Answer: Yes, direct mount of coaxial cable using uni-strut clamping is permissible provided conduit is used for floor and wall penetrations and within 8 feet of the floor level.

4. Question: Can we install rigid aluminum conduit in lieu of rigid galvanized steel conduit above grade?

Answer: No, bid as designed; aluminum conduit is not an acceptable substitute.

5. Question: For smaller support wall diameters, we use a flat slab in lieu of a dome slab at the top of the support pedestal. Is this acceptable (Section 330910 1.3A)?

Answer: Flat or domed tank base is acceptable per AWWA D-107.

6. Question: Can we remove forms in less than 24 hours based on early age concrete testing (Section 330910 1.4 C.1 and Section 330910 3.2 B.8)?

Answer: Field conditions will dictate when forms can be removed; the City will consider allowing earlier form removal if conditions warrant and quality of work will not be impacted but reserves the right to extend form stripping as appropriate to preserve workmanship quality by up to 24-hours.

7. Question: Can we use our foundation subcontractor's superintendent during construction of the tank foundation (Section 330910 1.5 A.3)?

Answer: A field superintendent must be on site at all times, identity of superintendent may vary with phases of work depending on expertise required; proper superintendence of work at all times is a Contractor responsibility.

8. Question: Section 330910, Page 18, Item 3.2.B.8 states "wall forms shall not be disturbed or removed for a minimum period of 24 hours after concrete placement". The specification is directing a 24 hour form removal cycling time. This is not industry standard nor our standard procedure. Our process is based on a daily form strip, set and pour cycle. The minimum 24 hour cycle will essentially result in our forces having to abandon site every other day which of course would drive costs, schedule and isn't done. Industry standard and our processes are fully ACI compliant. Concrete cure and form strip times are discussed in ACI 318 and ACI 347, which guides us that concrete cure and form removal is a function of concrete strength, and if minimums apply – the minimum is 12 hours. Removal of the first sentence in this paragraph will correct this issue.

Answer: See answer to Question 6.

9. Question: Section 330910, Page 5, Item 1.4.C.1 also direct a 24 hour form removal time. Removal of the last sentence in this paragraph will correct this issue.

Answer: See answer to Question 6.

10. Question: Section 330910, Page 9, Item 2.3.A.2 is blank. Is there a missing description?

Answer: No, this is a typographical numbering error; ignore Item 2.3.A.2 which is blank.

11. Question: Section 330910, Page 9, Item 2.3.A.3 specifies a reinforced concrete "dome" as support for the tank. At this small diameter pedestal we may utilize a flat slab. Removal of the word "dome" will correct this.

Answer: See answer to Question 5.

12. Question: Section 330910, Page 11, Item 2.6.E specifies an upper landing to provide access from the staircase to the centrally located roof access tube. Sheet C-202 shows a near full span upper platform/landing that almost covers the full diameter of the pedestal except the area of the stairs. This is not industry standard and will be very costly and provides no real benefit. Typically a 4ft wide, half diameter span walkway from the top of the stairs to the centrally located roof access ladder is all that is supplied and is all that is required. The 6" drain line valve will be accessible from the half span upper platform. Please reconsider a half span walkway only.

Answer: Bid as designed, this feature is a City requirement. Any alternatives will be considered post-bid.

13. Question: Drawing C-202 Shows the provision for a 50 sq ft heated room at the upper platform/landing to house the 6" drain pipe and pressure gauge. This is not industry standard and not practical. Typically the drain valve is located directly underneath the tank floor so there is not stagnant water between the tank floor and the overflow to be of any concern. This industry standard detail also does not require a pressure gauge. Revising this detail to industry standard will remove the requirement for the room and also remove the risk of freezing pipes. Please clarify.

Answer: Bid as designed, this feature is a City requirement. Any alternatives will be considered post-bid.

14. Question: Section 330910, Page 15, Item 2.6.N.2 specifies a structural floor at 15 ft – this is not shown or described on the drawings. Please clarify and delete if not applicable.

Answer: This lower composite structural floor reference is not required on this project; follow upper floor galvanized grating specifications indicated on drawings; load requirements are the same 125#/SFT.

15. Question: Section 330910, Page 12, Item 2.6.H.2 specifies a galvanized drip pan under the access tube to collect the condensation. This is another manufacturers standard. Our standard is to incorporate a 2x2 channel to collect condensation. Both standards route the water to the overflow. Please confirm individual manufacturer's standards are acceptable.

Answer: Alternative methods of collecting condensation are acceptable subject to review and approval of shop drawing submittals.

16. Question: Drawing C-201 Tank Plan show a 14' R (MIN) dimension to the inside of the support pedestal. The Schematic Elevation shows a 28' TYP diameter to the outside radius of the support structure. Our 28 ft form system is to the outside diameter, I am unsure of the other manufacturer's dimensions. Please confirm the 28 ft dimension is "nominal" and can be adjusted slightly to suit individual manufacturers standards.

Answer: Pedestal diameter is designed to match internal pipe layout, nominal radial variations are acceptable within +/- 0.5 foot provided pipe layout and fitting clearances are appropriately adjusted to provide maintenance access and required clearances.

17. Question: Drawing C-201 Schematic Elevation shows a 50 ft diameter tank. While we will be close to this dimension we will surely vary. Tank diameter is determined by volume and head range. Please confirm this dimension as +/-.

Answer: Tank diameter is indicative nominal radial variations are acceptable within +/- 1.0 foot to achieve most economical tank geometry required for storage volume. Tank dimensions varying from design dimensions need to be clearly qualified in bid documents; excessive variances may result in disqualification as non-responsive to design requirements.

18. Question: Comment: Drawing C-201 shows (2) Schematic Elevations – the view on the right should be labeled Schematic Cross Section.

Answer: So noted.

19. Question: Drawing C-201 Schematic Cross Section shows the incoming waterline passing over the foundation. Please confirm this detail is in fact schematic only as our design will incorporate the incoming waterline into the foundation. Please confirm this is acceptable and we are not required to place the foundation deeper than required by our design to allow the waterline to pass over the foundation.

Answer: Incorporating the waterline within the foundation of the tank is acceptable provided it can be replaced in the future without impacting structural foundation of the tank and the foundation does not impose structural shear loads on the piping. A minimum of 36-inches of cover is required on all below grade water main piping; drainage piping shall meet grading requirements shown on plans.

20. Question: Drawing C-201 shows the overflow structure at grade level on the inside of the pedestal. This is never done and is highly not recommended. Industry standard is to have the overflow extend to grade inside the concrete support structure and have a base elbow direct the overflow through the wall of the concrete support structure where the pipe will then 45 down and terminate with a mesh screen and flap valve that will direct the water to the overflow structure on the outside of the pedestal. Please confirm the industry standard approach is suitable.

Answer: The overflow incorporated within the base is provided for aesthetic reasons; we will consider other aesthetically acceptable alternatives during shop drawing review but the basis of bid is as designed.

21. Question: Sheet C-202 and Section 330910, Page 13, Item 2.6.L.2 specify the overflow weir being an integral part of the interior of the access tube and then transitioning to a pipe at the underside of the domed floor. This is not industry standard, typically the overflow pipe is routed through the tank floor and is attached to the exterior of the access tube and consists of a weir cone at the high water level. Please confirm this industry standard is acceptable.

Answer: The overflow incorporated within the manway access is provided to limit coating concerns within the interior of the storage tank, to protect from ice damage and to avoid continuous maintenance and leakage concerns, basis of bid is as designed.

22. Question: Please provide the invert of the tank overflow structure and provide conformation this structure can be placed further away from the pedestal as necessary in order to not push the foundation deeper than required by our design.

Answer: The basis of bid is as designed; contractor shall coordinate location and depth of overflow drain with foundation required. A minimum of 36-inches of cover is required on all below grade water main piping; drainage piping shall meet grading requirements shown on plans.

23. Question: Drawings C-201 shows the slab on grade as having the highpoint at the center and directing the floor to drain to a perimeter scupper drain system. This is not standard practice; typically the slab on grade is directed to floor drain(s) which will be routed to the exterior overflow structure. Please consider this method.

Answer: The basis of bid is as designed. City desires a dome floor to shed drainage over to the perimeter wall drain.

24. Question: Comment: Drawing C-201 Schematic Elevation. The note on the lower cone should be removed or edited to correctly reflect the bid options.

Answer: The basis of bid includes these Addendum documents; record drawings will be corrected accordingly, no note changes are warranted at this time. Note: Alternative finishes on the pedestal are no longer part of the bid; however, the low bidder may be required to furnish the cost and schedule impacts of architectural finish systems prior to award.

25. Question: The pedestal is specified with a 12 x 12 overhead door. This is quite a large door opening for this small of a pedestal. Typically we see a 10x10 door. The 10x10 is more than enough to access the pedestal. Please confirm this is acceptable.

Answer: City will agree with the 10x10 door.

26. Question: Drawing C-201 shows a 24” removable silt stop. Industry standard is a 6” removable silt stop. The taller removable silt stop will increase the actual size of the tank since the bottom capacity level of the tank’s operating range is usually calculated at or above the elevation of the top of the silt stop. Are you requiring a 24” removable silt stop? Are you requiring the LWL at or above the top of the silt stop?

Answer: 6” silt stop is acceptable.

27. Question: Drawing C-201 Tank Plan shows our limit of piping to the first valve outside the pedestal with the remainder of the work as “by City”. However, Drawing C-101 shows the exterior yard piping by the Contractor with the work by the City extending to the vicinity of the crane pad area. Please confirm our limits of yard piping?

Answer: The limits shown on C-101 are incorrect. The City will install yard piping to the limit shown on C-201.

28. Question: Drawing G-002 General Notes # 7 states the Contractor is responsible for the building permit. Will a building permit be required for this project? If required, will a fee schedule be provided or will the fees for such permits be waived?

Answer: See Answer to Question 1.

29. Question: Please confirm we follow Section 330910, AWWA D107 and industry standards for the composite tank support wall relating to mixes, curing, form removal times, etc. in lieu of Section 033000 as Division 3 relates more to concrete operations such as concrete paving and sidewalks, etc.

Answer: Basis of design of the composite tank is founded upon Section 330910. Tank elements which require concrete are also subject to standard quality and finishing provisions in Section 033000; where there is overlap the more stringent tank specifications apply.

30. Question: The description of the base bid and alternate bid items describe the requirement for a “final brush blast with additional hand rubbing and finishing of the interior and exterior of ...” Please confirm the requirement for brush blast and additional hand rubbing and finishing is actually required for the interior (regardless of option) as industry standard is to leave the interior exposed surfaces as a rough as-cast finish with no additional finishing since the interior is not in view.

Answer: Interior specification for hand rubbing and air blast is purposeful to provide a clean interior suitable for mounting of interior pipework and appurtenances. As-cast interior finish is acceptable except the bottom 12 feet of pedestal and all structural contact points which shall be hand-rubbed and air blasted. Entire exterior surface shall be hand-rubbed and air blasted.

31. Question: Comment: The description of the base bid and alternate bid items references “tank” – this should be revised to read “pedestal”

Answer: Unclear on the question; concrete elements of the tank are clearly pedestal items, including concrete base floor and domed roof.

32. Question: Regarding Additive Alternate # 1 – please confirm your intention here is to have a completely smooth cylindrical exterior finish appearance with no rustications. We are confused as the bid description includes both a smooth description (with depth?) and also describes a rustication pattern.

Answer: Correct, the rustication is smooth; depth of smooth surface will be as required to infill formwork imprints. Note: Alternative finishes on the pedestal are no longer part of the bid; however, the

low bidder may be required to furnish the cost and schedule impacts of architectural finish systems prior to award.

33. Question: Regarding Additive Alternate # 2 – please provide a photograph, sketch or a more in-depth description of the brick columns, smooth inlay and circular arch tops.

Answer: See attached figure for typical example. Note: Alternative finishes on the pedestal are no longer part of the bid; however, the low bidder may be required to furnish the cost and schedule impacts of architectural finish systems prior to award.

34. Question: Regarding Additive Alternate # 2 – please provide a photograph, sketch or a more in-depth description of the color scheme for the brick columns, smooth inlay and circular arch tops.

Answer: Color scheme is indicated to be complimentary of adjacent brick buildings which are a dark brown brick; inlay areas to be contrasting light color in complimentary palette with tank bowl paint scheme. Colors to be selected during shop drawing submittals. Note: Alternative finishes on the pedestal are no longer part of the bid; however, the low bidder may be required to furnish the cost and schedule impacts of architectural finish systems prior to award.

35. Question: Regarding Additive Alternate #3 – please provide a photograph of the desired rustication appearance.

Answer Additive Alternative Option 3 is a faux dimension stone finish replicating local limestone masonry. This is specified to be an Ashlar Stone lay pattern; it is to encompass the entire tank pedestal. Ashlar stone pattern is an architectural standard reference, consult local masonry contractor as appropriate for additional details. Note: Alternative finishes on the pedestal are no longer part of the bid; however, the low bidder may be required to furnish the cost and schedule impacts of architectural finish systems prior to award.

36. Question: Regarding Additive Alternate #3 – Are we still required to perform the exterior brush blast and additional hand finishing of the exterior if the entire pedestal exterior is receiving a masonry appearance?

Answer: It depends on how the faux brick or faux stone finish is applied; brush blast and hand rub is only required to provide a sound, defect free finish suitable for final architectural appearance. Note: Alternative finishes on the pedestal are no longer part of the bid; however, the low bidder may be required to furnish the cost and schedule impacts of architectural finish systems prior to award.

37. Question: Once the above items are clarified and the Bidder is clear on direction we will need additional time to adequately price all of these alternates. We request a bid date extension of at least 2 weeks.

Answer: A bid extension has been made by Addendum #2 and alternative finishes have been omitted from the base bid. Note: Alternative finishes on the pedestal are no longer part of the bid; however, the low bidder may be required to furnish the cost and schedule impacts of architectural finish systems prior to award.

38. Question: Can we no-bid portions of the bid form?

Answer: No.

39. Question: I printed out the addendum and noticed that the exterior paint scheme appears to include the concrete shaft! The picture seems to indicate that the panels are going to be one color and the depressions

are a different color for contrast. Am I correct about that assumption? If that is the case, is there a surface prep spec for the concrete shaft?

Answer: Concrete prep and coating system specifications including surface preparation requirements are provided in project manual and clarified in Addendum #1. Color scheme will be determined based on finish alternative selected. Base option with standard waffle pattern requires exterior concrete to be all one color selection; contrasting color within waffles is not required.

40. Question: Do you have an official plan holders list?

Answer: The City does not have an official plan holders list. All City bids and proposals are posted publicly on the City's website and on eVA.

41. Question: We plan on utilizing our field construction Forman as the site superintendent. When our subcontractors are present we will transfer site superintendent to their field Forman. We do not intend on hiring a dedicated site superintendent, please confirm this is adequate?

Answer: See answer to Question 7.

42. Question: Is this a buy American project?

Answer: No.

43. Question: We do not intend on supplying a field office, please confirm this is acceptable?

Answer: An all-weather jobsite meeting space is required.

44. Question: Will full containment/shrouding be required during field painting operations?

Answer: Yes, contractor is liable for any overspray damages.

45. Question: Will there be a shop paint inspection required? If so who will be responsible for hiring the inspector?

Answer: Yes, City will pay for cost of shop painting inspector separately.

46. Question: Will a temporary or permanent fence be required by the tank contractor?

Answer: Yes, as required for OSHA protection; this is a student campus environment.

47. Question: Are we required to supply ins. certificate with bid form item 00100.5?

Answer: No, insurance certificates are required upon award.

48. Question: Bid form items 00100.6 and 00100.7 are not included in spec's. or addendum, can you provide these to us?

Answer: Disregard – these documents are not included in the ITB.

49. Question: We need drawings, details and item descriptions/photos of each Alt. Add for the concrete pedestal on the bid form. The information provided for the different concrete pedestal options is not adequate. Please clarify????

Answer: See attached example of brick arch finish; Ashlar Stone is a standard lay pattern for local stone masonry and is available in faux concrete stamping patterns; consult local masonry supplier/vendors for typical local pattern, this pattern is to encompass entire pedestal. Note: Alternative finishes on the pedestal are no longer part of the bid; however, the low bidder may be required to furnish the cost and schedule impacts of architectural finish systems prior to award.

50. Question: We are requesting a bid date extension of 1 week? Considering the addendum was issued last Thursday we will need more time for pricing the concrete pedestal options once we receive further details from you?

Answer: See answer to Question #37.

51. Question: Should the roof handrail be supplied with antenna supports?

Answer: No, bid as designed.

52. Question: Can you please provide a readable site plan? The copy we have is very hard to see/read what the existing conditions and surrounding items are?

Answer: Digital copies of plans are available on City website and are clearly legible. The tank site is within a university campus (Eastern Mennonite University) within the City of Harrisonburg.

53. Question: Who is responsible for removing the overhead power line(s) running through the job site? Also will this or these lines (can't determine what is actually at the existing site due to poor print quality on drawings) be eliminated or removed completely?

Answer: City is responsible for removing the overhead power lines prior to tank construction.

54. Question: May we use our standard upper walkway at the top of the concrete pedestal instead of the upper landing as shown on project drawing C-202? We can tie our stairs into our standard walkway. Please see attached drawings for the upper walkway we are proposing.

Answer: No.

55. Question: The base bid description is actually an enhanced architectural pedestal finish that is above any manufacturers' standard or industry standard.

Answer: Waffle design is clarified as base bid.

56. Question: Would the Owner reconsider the base bid to have the Bidder provide industry standard interior and exterior pedestal finishes which is a smooth as-cast finish for the exterior and a rough as-cast finish for the interior and have the requirement of additional hand rubbing, finishing and the application of the waterproof finish, etc. as the 1st alternate add? The other specified alternate adds can then be appropriately renumbered.

Answer: Refer to answers to Question 30 and 32.

57. Question: The contractor is directed to access the site via Park Road, Dogwood Drive and then Hillcrest Drive. Tractor trailers making the left hand turn at Hillcrest will require the hydrant at the SE corner to be removed and later relocated and also the mailbox and potentially some trees on the west side of Hillcrest to be removed and relocated. Can this be undertaken by the City, possibly as part of the separate contract that is constructing the tank site access road and tank site prep?

Answer: The City may accommodate clearing minor public obstacles (hydrants, signs, etc.); contractor's bid should include considerations for alternate routes and/or off-loading project elements on smaller platforms or alternative equipment delivery mechanisms due to site constraints.

58. Question: Also the grade at that intersection will be difficult for low clearance trucks such as equipment floats. Can Upland Drive be used from Park to Hillcrest as the grades for the left hand turn are far more favorable and there are no curbs allowing for a larger swing radius?

Answer: See answer to Question 57. Contractor may consider Alpine Drive also.

59. Question: Section 330910, Page 16, Item 2.8 Please confirm galvanized and stainless steel surfaces are not coated. Please confirm concrete surfaces other than as described in the bid alternates do not receive any coatings.

Answer: Galvanized and stainless steel items do not have to be coated; exterior galvanized door assemblies which are typically shop coated by manufacturer will be coated. The exterior concrete pedestal is to be coated as specified under the base bid in Addendum 1 and project specifications.

60. Question: Section 330910, Page 18, Item 3.2.B.5. In order to achieve the best possible pedestal finish we recommend increasing the minimum form height from 4 ft to 6 ft. This will result in approximately 50% less horizontal form joints.

Answer: As each tank manufacturer has different forming systems we have elected to open the formwork setting height to promote competition; tank aesthetic finish is clearly an imperative and either size form is acceptable provided work is completed to a high degree of craftsmanship per specification.

61. Question: Section 330910, Page 18, Item 3.2.B.7. In order to achieve the best possible pedestal finish we recommend segmented wall processes be specified. We recommend the first sentence of Item 7 be replaced with "Support structure concreting shall incorporate segmented placement procedures.

Answer: As each tank manufacturer has different forming systems we have elected to open the concrete placing mechanism to promote competition; tank aesthetic finish and concrete quality monitoring is an imperative and either mechanism is acceptable provided a high degree of craftsmanship is employed in tank construction per specification.

62. Question: Is the inlet and outlet riser within the pedestal to be insulated? Is the mechanical piping at grade shown on C-201 to be insulated?

Answer: No.

63. Question: Who pays for concrete testing?

Answer: Third Party Special Inspections required by building code will be conducted by and paid for by the City separately; quality control and specified testing in project manual is to be borne by contractor.

64. Question: Who is the Owners 3rd party paint inspection company?

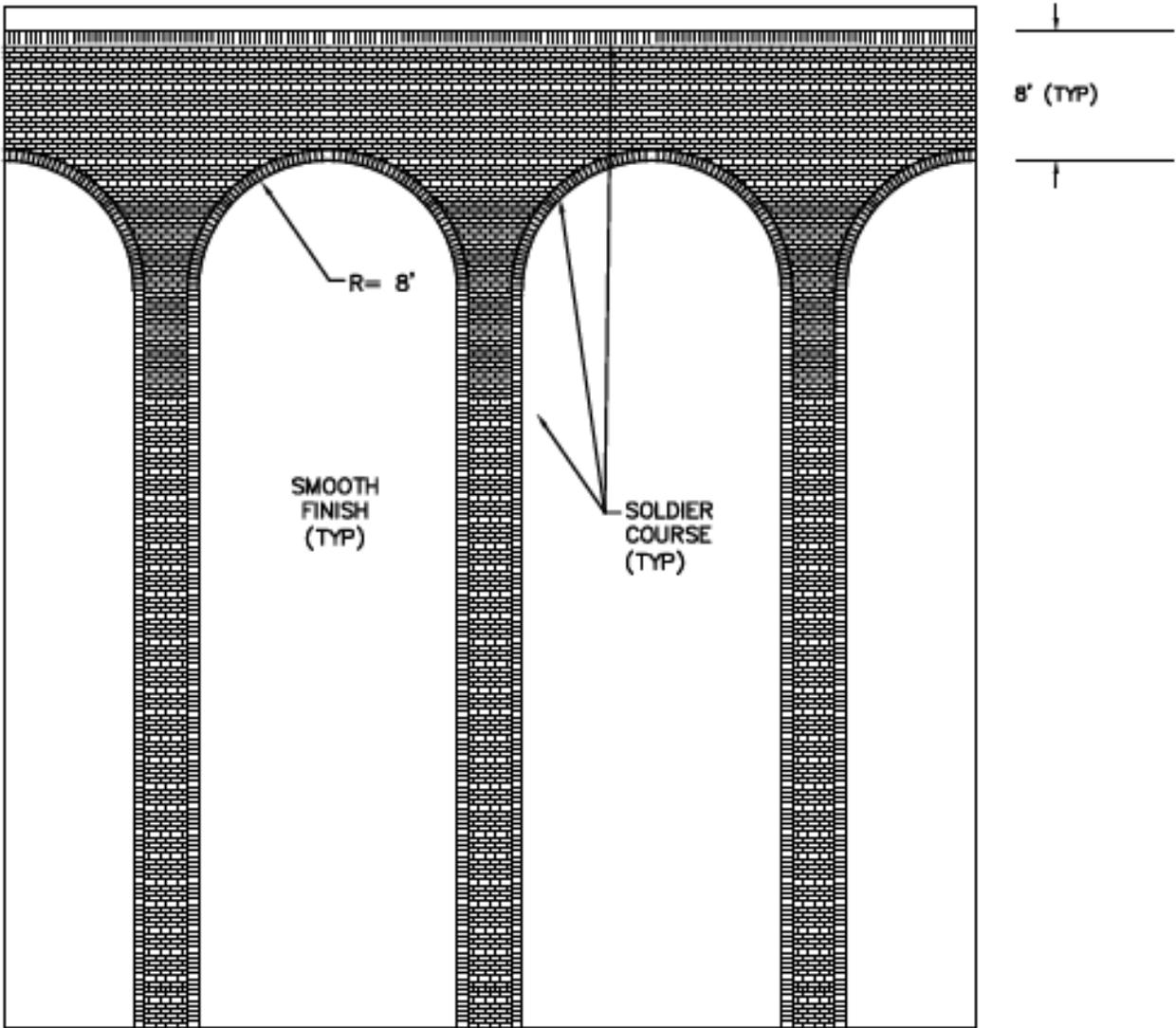
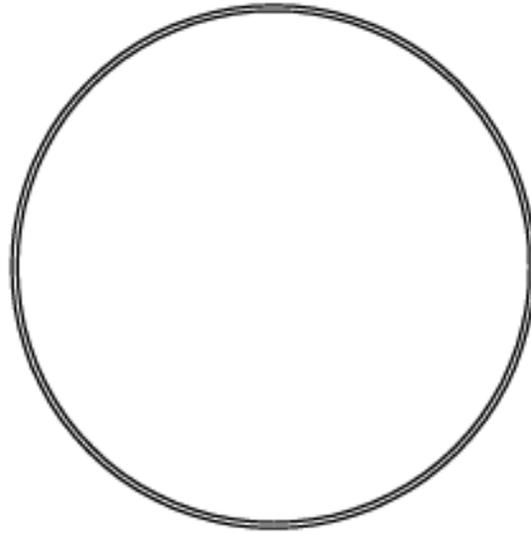
Answer: A local testing company will be selected.

All other requirements, terms and conditions of the ITB/RFP remain unchanged.

Addendum page must be signed and returned with your bid/proposal to acknowledge receipt of this addendum.

Authorized Signature

By: Pat Hilliard, CPPB
Procurement Manager



MASONRY ARCH. FAUX
FINISH EXAMPLE

SECTION 00100 BID FORM

City of Harrisonburg Financing/Purchasing Office
Pat Hilliard, Procurement Manager
409 South Main St., 3rd Floor City Hall
Harrisonburg, VA 22801

The undersigned, having visited and examined the site and having carefully studied the Drawings and Project Manual for the Harrisonburg Parkview 0.5 Million Gallon Elevated Tank Project (ITB 2016017-PU-B / HPU NO. 474-12-13), hereby proposes to furnish all labor, equipment, materials, and services and to perform all operations necessary to execute and complete the Work required for the Project, in strict accordance with the Drawings and Project Manual prepared by Wiley|Wilson, dated January 21, 2016, together with the addenda issued during bidding period and acknowledged below subject to the terms and conditions of the agreement for the sum of

PART 1 – TOTAL BASE BID

\$ _____, WHICH INCLUDES \$ _____ FOR LOGO SCHEME 1.
(numerals)

\$ _____
(written)

This scope shall include all general, civil, architectural, mechanical, and electrical work shown in the drawings and detailed in the accompanying manual for the project as defined above. This base bid option shall include all work required to provide tank manufacturer’s standard rectangular waffle architectural rustication pattern on the exterior of the concrete pedestal using form inserts to provide an aesthetically uniform finish which matches wall curvature and compliments horizontal and vertical form joints to provide a uniform finish on the exterior of the tank. Rustication pattern inserts shall form a bias-relief pattern of rectangular dimension and shall include final brush-blast with additional hand rubbing and finishing of the exterior and portion of the interior of the tank upon stripping of formwork to provide a smooth, level finish suitable for application of future architectural concrete finish system. Depth of architectural finish pattern shall be independent of structural requirements for tank. All exterior bug holes, cracks, blemishes and rustication details shall be hand filled, repaired and restored to provide a uniform consistent architectural pattern. Base bid shall include coating the exterior of concrete pedestal with a concrete finishing system to provide a uniform, waterproof finish that seals all hairline cracks and provides a uniform color and finish to exterior of the concrete pedestal per specifications.

Logo Scheme 1: Base bid shall include installation of two EMU block letter logos, complimentary color bands and tank underside painting in up to two contrasting colors to the base color of tank shell per detail. This cost is to be broken out separately in bid form above.

Items which are not included in base bid are limited to:

- Enhanced architectural finishes on exterior of tank pedestal.
- The site work so denoted on Drawing C-101 and C-201.
- SCADA hardware and software (power and control wiring conduit is included).

**Part 2 – Deductive Alternate Bid Item #1
Alternative Interior Stair System (Option 1)**

\$(_____)
(numerals)

\$ _____
(written)

This scope shall include all work required to provide alternative spiral/circular access stair anchored to the interior wall of the tank (manufacturer’s standard stair system) in lieu of the custom stair tower detailed on plans (Option 4). Upper pedestal access floor and room enclosure shall remain per design. Alternative stair system shall comply with all life-safety accessibility and occupational safety and health code requirements. Contractor shall submit basis-of-design drawings and specifications for this item upon request or with bid submittal.

Part 1 shall be the basis of contract award, the City may select deductive bid item by Change Order after award of the Bid as dictated by their exclusive interest.

Failure to provide a bid value for the base bid will render the base bid non-responsive; all bidders must complete a quotation for these items including breaking out the cost of Color Logo Scheme separately in the base bid to aid in internal City apportionment of project costs.

The base bid is founded upon furnishing equipment and materials of specified manufacturers. Equipment or materials of other manufacturers are offered as “or equals” or “Substitutes” as shown on Section 00400.2 Proposed “Or Equal” and/or “Substitute” Equipment and are not part of the base Bid Form. Owner will determine after Contract Award which, but before Contract execution if any, “or equals” or “substitutes” that will be included in the Contract.

The Bidder agrees to furnish and install, in accordance with the Contract Documents, all items of equipment specified in the Major Equipment and Product Schedule. The equipment required under each section of the Specifications is to be furnished and installed in strict compliance with the requirements of the Contract Documents for the lump sum base bid price stated by the Bidder.

It is understood and agreed that the Owner, in protecting his best interest, reserves the right to:

Reject any or all bids,

In the event of discrepancy between bid price in words and bid price in numerals, the words shall govern.

Accept any bid whereupon the Contractor shall furnish equipment and materials as specified, or

Accept any bid at the Base Bid price and, if equipment or materials of substitute manufacturers are offered, to accept any, none, or all of such offered “or equal” and/or “substitutes”, which are approved, the Contract price being adjusted accordingly.

We are properly equipped to execute work of the character and extent indicated by the Bidding Documents and so covered by this Bid and will enter into agreement for the execution and completion of the Work in accordance with the Drawings and Project Manual and this bid; and we further agree that if awarded the Contract, we will commence the Work on the date stated in "Notice to Contractor to Proceed".

The following documents are attached to and made a condition of this Bid. Failure to comply with the submission of appropriate documentation may result in determination of a bidder as non-responsive and shall be cause for the bid to be rejected.

Bidder Required Documentation Checklist			
#	Description	Completed	Attached
1	ITB Cover Page		
2	Bid Security		
3	Section 00100.1 Proposed "Or Equal" and/or "Substitute" Equipment		
4	Section 00100.2 Contractor Qualifications		
5	Section 00100.3 State Corporation Commission Form		
6	Section 00100.4 Propriety/Confidential Information Identification		
7	Section 00100.5 Insurance Requirements Form		
8	Section 00100.6 Certification Regarding Disbarment Primary Care Transactions		
9	Section 00100.7 Certification Regarding Disbarment Lower Tier Covered Transactions		
10	Section 00100.8 Exceptions to Terms & Conditions		
11	Section 00100.9 Certification of Non-Collusion		
12	List of Proposed Subcontractors		
13	List of Proposed Suppliers		
14	Escrow Form for ITB/RFP		
15	Contractor's License No.: _____		

Contractor is responsible for obtaining a City business license for the project as appropriate according to state and local regulations.

Enclosed herewith is the following security, offered as evidence that the undersigned will enter into agreement for the execution and completion of the Work in accordance with the Drawings and Project Manual:

Complete One as Applicable
 Cashiers Check for the Sum of _____
 Name of Bank _____

OR

Bidder's Bond in Amount of _____

Bond Issued by _____

OR

Certified Check for the Sum of _____

Name of Bank _____

The undersigned further agrees that in case of failure on his part to execute the said agreement within the fifteen (15) consecutive calendar days after written notice being given on the award of the Contract, the moneys payable by the securities accompanying this bid shall be paid to the Harrisonburg Department of Public Utilities as Bid Bond will be forfeited for such failure; otherwise, the securities accompanying this Bid shall be returned to the undersigned.

- Bid To Award: Less than 90 days
- Agreement – Notice to Proceed: To be issued on or before May 15, 2016
- Site Availability for Construction: On or before July 1, 2016
- Completion of Exterior Tank Painting: On or before May 15, 2017
- Notice To Proceed to Substantial Completion: 330 days (Article 4.02 of the Agreement)
- Notice To Proceed to Closure: 365 days (Article 4.02 of the Agreement)

This Bid is subject to acceptance within a period of 90 days from this date.

Respectfully submitted,

Contractor

by _____

Address

Telephone number

Date _____

Contractor's current Virginia license number _____ Code _____

**** This form must be completed & returned with the bid submission. ****

SECTION 00100.1 BID ATTACHMENTS
PROPOSED “OR EQUAL” AND/OR “SUBSTITUTE” EQUIPMENT

Or equals and/or substitutes are offered for the Owner's consideration in accordance with the Modified Standard General Conditions.

The tank manufacturer shall note architectural finish for the tank pedestal included with the base bid by denoting it with “B”. Deductive alternate for stair system configuration shall be noted as Option 4.

If a proposed “or equal” and/or “substitute” manufacturer/supplier is allowed by the Owner, the associated “deduct” will be subtracted from the amount of the successful bidder’s base bid to determine the contract price.

Determination of the low bidder will be based on the base bid without consideration of any deductions resulting from bidder-proposed “or equal” or “substitute” equipment. Allowance of an “or equal” and/or a “substitute” manufacturers/suppliers does not constitute a waiver of the specifications or of any other requirements of the Contract Documents.

Unless otherwise stated, all proposed deducts for “or equal” and/or “substitute” manufacturers/suppliers are deducts for the equipment associated with the base bid only.

Upon request, within 7 days after bid opening, the apparent low bidder shall provide a “qualifications” package for all proposed “or equal” and/or “substitute” items proposed by Bidder. The qualification packages will be used solely by the Owner to evaluate, on an administrative level, proposed “or equal” and/or substitute items. If Owner elects to allow specific “or equal” and/or “substitute” item(s), this action does not constitute a waiver of the specifications or of any other requirements of the contract documents, and formal submittal and acceptance of said items will be in accordance with the Modified Standard General Conditions and the Contract Documents.

Project Name: Harrisonburg Parkview Tank

Equipment Specification Name And Number	Indicate As “B” For Base Bid “E” For Equal Or “S” For Substitute*	Manufacturers Name, Catalog Or Model No. Of “Or Equal” Or “Substitute” Offered	Amount Of Add Or Deduct From Base Bid Price
1.			\$
2.			\$
3.			\$
4.			\$

5.			\$
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*** Failure to indicate “E” or “S” will result in that item being treated as a proposed substitute.**

The above listed “or equal” and/or “substitute” items are hereby guaranteed to perform in all respects the functions of the items of specified manufacturers and in accordance with the Modified Standard General Conditions, and it is fully understood that approval of such items is contingent upon this guarantee.

Contractor’s Name: _____

Contractor’s Signature: _____

Date: _____

SECTION 00100.2 BID ATTACHMENTS CONTRACTOR QUALIFICATIONS

The Bidder shall state here what previous municipal type work he has performed similar to that contemplated in this contract, and give references that will afford the Harrisonburg Public Utilities an opportunity to judge experience and skill of proposed Contractor and all subcontractor(s). The Contractor shall list five (5) projects of similar size and dollar value completed within the last ten (10) years where bidder was the General Contractor. If proposing to use subcontractors or joint partners to complete more than 20 percent of the work by partnership, joint venture, or subcontract means, then provide project experience information as outlined above for all contractors, partners, or subcontractors.

Submittal of this information on other standard forms containing all the information noted below is acceptable.

Failure to provide satisfactory evidence of experience may cause the Bid to be rejected.

Location	Dollar Value	Estimated Completion Date	Owner/ Engineer	Phone No.	Contact Person	Type and Size of Tank

Current work under contract (per Article 3, p.00200-2).

Location	Dollar Value	Estimated Completion Date	Owner/ Engineer	Phone No.	Contact Person	Type and Size of Tank

**** This form must be completed & returned with bid submission. ****

SECTION 00100.3 BID ATTACHMENTS STATE CORPORATION COMMISSION FORM

Virginia State Corporation Commission (“SCC”) registration information: The undersigned Offeror:

is a corporation or other business entity with the following SCC identification number: _____ **-OR-**

is not a corporation, limited liability company, limited partnership, registered limited liability partnership, or business trust **-OR-**

is an out-of-state business entity that does not regularly and continuously maintain as part of its ordinary and

customary business any employees, agents, offices, facilities, or inventories in Virginia (not counting any employees or agents in Virginia who merely solicit orders that require acceptance outside Virginia before they become contracts, and not counting any incidental presence of the Offeror in Virginia that is needed in order to assemble, maintain, and repair goods in accordance with the contracts by which such goods were sold and shipped into Virginia from bidder’s out-of-state location) **-OR-**

is an out-of-state business entity that is including with this bid an opinion of legal counsel which accurately and completely discloses the undersigned Offeror’s current contacts with Virginia and describes why those contacts do not constitute the transaction of business in Virginia within the meaning of § 13.1-757 or other similar provisions in Titles 13.1 or 50 of the Code of Virginia. **Attach opinion of legal counsel to this form.**

****NOTE**** >> Check the following box if you have not completed any of the foregoing options but currently have pending before the SCC an application for authority to transact business in the Commonwealth of Virginia and wish to be considered for a waiver to allow you to submit the SCC identification number after the due date for proposals (the City reserves the right to determine in its sole discretion whether to allow such waiver):

Signature: _____ **Date:** _____

Name: _____
(Print)

Title: _____

Name of Firm: _____

**** This form must be completed & returned with bid submission. ****

SECTION 00100.4 BID ATTACHMENTS
PROPRIETY/CONFIDENTIAL INFORMATION IDENTIFICATION FORM

Name of Firm/Bidder _____

Trade secrets or proprietary information submitted by an bidder shall not be subject to public disclosure under the Virginia Freedom of Information Act; however, the bidder must invoke the protections of §2.2-4342F of the Code of Virginia, in writing, either before or at the time the data or other material is submitted. The written notice must specifically identify the data or materials to be protected, including the section of the bid in which it is contained, as well as the page number(s), and state the reasons why protection is necessary. The proprietary or trade secret material submitted must be identified by some distinct method such as highlighting or underlining and must indicate only the specific words, figures, or paragraphs that constitute a trade secret or proprietary information. In addition, a summary of proprietary information provided shall be submitted on this form. The designation of an entire bid document, line item prices, and/or total bid prices as proprietary or trade secrets is not acceptable. If, after being given reasonable time, the bidder refuses to withdraw such a classification designation, the bid will be rejected.

SECTION/TITLE	PAGE NUMBER(S)	REASON(S) FOR WITHHOLDING FROM

Check this box if there are none.

[Note: If proprietary/confidential information is identified, Bidder is required to submit a redacted copy of their bid in addition to the required number of bids requested.](#)

**** This form must be completed & returned with bid submission. ****

SECTION 00100.5 BID ATTACHMENTS INSURANCE REQUIREMENTS FORM

By signing and submitting a bid or proposal the vendor certifies that if awarded the contract, they will have the following insurance coverages at the time the contract is awarded.

- 1) The contractor will maintain a general liability policy with \$2,000,000 combined single limits, including completed operations. Completed operations shall remain in effect for two years after final payment. These limits can be attained through one primary policy or a combination of primary and excess policies. Coverage is to be on an occurrence basis with an insurer licensed to conduct business in the Commonwealth of Virginia. The insurer must have an A. M. Best rating of A- or better. **The insurer must list the City of Harrisonburg and Wiley/ Wilson as an additional insured. The endorsement must be issued by the insurance company. A notation on the certificate of insurance is not sufficient.**
- 2) The contractor will maintain workers’ compensation coverage in compliance with the laws of the Commonwealth of Virginia. The coverage must have statutory limits and be with an insurer licensed to conduct business in the Commonwealth of Virginia. The insurer must have an A. M. Best rating of A- or better. As an alternative, it is acceptable for the contractor to be insured by a group self insurance association that is licensed by the Virginia Bureau of Insurance. The contractor will also carry employers liability insurance with a limit of at least \$100,000 bodily injury by accident/\$500,000 bodily injury by disease policy limit/\$100,000 bodily injury by disease each employee.
- 3) The contractor will maintain automobile liability insurance with limits of at least \$1,000,000. The coverage is to be written with a symbol “1”. The insurer must be licensed to conduct business in the Commonwealth of Virginia. The insurer must have an A. M. Best rating of A- or better.
- 4) Contractor shall provide Builders Risk Insurance which shall at least include insurance for physical loss or damage to the Work, temporary buildings, falsework, materials, equipment on site and equipment in transit.

With all policies listed above, the insurer or agent of the insurer must issue a certificate of insurance and endorsement to show evidence of coverage.

This form and its requirements supersedes any and all references to insurance elsewhere in this document.

BIDDER STATEMENT

We understand the Insurance Requirements of these specifications and will comply in full if awarded this contract.

Signature: _____ Date: _____

Name: _____

Name of Firm: _____

**** This form must be completed & returned with bid submission. ****

SECTION 00100.8 BID ATTACHMENTS EXCEPTIONS TO TERMS & CONDITIONS

Comments and exceptions substantially altering the terms and conditions will not be considered after conclusion of the bid process and the award of a contract. Failure to submit a marked-up copy of the terms and conditions with a bid will be interpreted by City as the Bidder's acceptance of the terms and conditions provided herein.

List exceptions to any portions of Bid (General Terms & Conditions, Special Terms & Conditions, etc.):

Check this box if there are none.

**** This form must be completed & returned with bid submission. ****

SECTION 00100.9 BID ATTACHMENTS NON-COLLUSION AFFIDAVIT

Under oath, I hereby affirm under penalty of perjury:

- (1) That I am the bidder or a partner of the bidder, or an officer or employee of the bidding corporation with authority to sign on its behalf;
- (2) That the attached bid or bids have been arrived at by the bidder and have been arrived at and submitted without collusion or any design to limit bidding or competition;
- (3) That the contents of the bid or bids have not been communicated to any person not an employee or agent of the bidder on any bid furnished with the bid or bids, and will not be communicated to any such person prior to the official opening of the bid or bids; and
- (4) That I have fully informed myself regarding the accuracy of the statements made in this affidavit.

Signed _____

Title _____

Firm Name _____

CITY/COUNTY OF _____,

STATE OF _____, to wit:

I, _____, a Notary Public, do certify that

_____ whose name is signed to the foregoing has

this date acknowledged the same before me in my City foresaid.

Given under my hand this _____ day of _____, 20____.

My Commission expires _____.

Notary Public

**** This form must be completed & returned with bid submission. ****