



#### ADDENDUM NO. 4

DATE: March 1, 2023  
ITB: **ITB 23-40TM Fire Station 3 Construction**  
DATE ISSUED: February 14, 2023  
BID DUE: **March 16, 2023 at 2:00 p.m.**  
SUBJECT: **Provide Responses to Questions Received. Provide Substitution Evaluations. Provide Updated Drawings and Updated Specification Section 32 3113.53**

Ladies/Gentlemen:

Addendum #4 is being issued to provide responses to questions received, provide substitution evaluations and to provide updated drawings and updated specification section 32 3113.53.

1. Question: Confirm whether Permit Fees are the account of the GC or the City.  
Response: **City of Hampton permit fees for work performed on City of Hampton property are waived. Non City of Hampton permit fees (ie: DEQ Construction General Permit application fee) are to be paid by the Contractor.**

2. Question: Confirm whether or not there is a Davis Bacon Wage Scale for this project. If there is, please provide the Wage Determination Rate Schedule  
Response: **This project will be partially funded under the American Rescue Plan Act of 2021 ("ARPA"). Davis-Bacon Act requirements (prevailing wage rates) do not apply. See Invitation to Bid (ITB), Section E.**

3. Question: Confirm whether or not there is SWAM requirement for this project.  
Response: **Minority and Woman Owned Business requirements are included in Invitation to Bid (ITB), Subsection A.7.**

4. Question: Confirm whether or not this project is required to have LEED CERTIFIED level rating.  
Response: **The project shall achieve LEED Certification.**

5. Question: The grade beam schedule (S4.01) shows the ties are #3 with the spacing 24" for GB1 & 6" for GB2. All beam sections (S3.01) show all ties are #4 with the spacing 48" oc. Please confirm which is correct and to be followed.  
Response: **Tie size and spacing to be as called out in the grade beam detail. Details on S3.01 have been revised to reflect this.**

6. Question: Request to provide us the **Civil CADD File** for this project.

Response: **Bids should be based on the construction documents already provided with the RFP.**

7. Question: Please clarify the pavement repair on Pembroke Ave and Kentucky Ave - there is a detail for Typical Pavement Repair but there are also 2 details for Pavement & Site Restoration

Response: **Sheet CS100 and the details were revised to clarify which pavement details are applicable to the different areas requiring pavement widening and patch.**

8. Question: Will a VDOT WP-2 Detail apply? If so, to what extent?

Response: **VDOT WP-2 detail is not applicable. The City does not intend for the contractor to mill and overlay the existing pavement. They only intend for the existing pavement to be extended to the proposed edge of pavement. See revised detail on sheet C-501.**

9. Question: Will a VDOT A/C Index apply to the asphalt paving?

Response: **This is not a VDOT project, therefore the A/C Index is not applicable.**

10. Question: Starting with the aluminum slide gate, it looks like curb to curb is 24'... is that what the width of the opening should be? The larger problem with this gate is (assuming it's 24') that makes the entire length of the gate 36'. You don't have nearly 36' to open the gate, it will hit the 6' black chain link fence that corners the way it is currently set up. They show the operator on the inside which means the gate is also on the inside. The operator and gate could go on the outside of the fence line and not hit the chain link fence, but that would be strange. I need to know how to handle that.

Response: **Turn fence 90° degrees just before gate, and extend north to achieve enough room for the gate in the open position. This is a delegated design, so contractor shall work with a gate supplier to achieve a design that works in accordance with the performance specifications provided.**

11. Question: As we continue down the plans there is 6' black chain link that "turns into" black ornamental aluminum at the gate. Is this correct? I can't remember ever seeing a fence that transitions to another fence at a gate. Are we trying to latch an aluminum gate to a black chain link post?

Response: **Locate the decorative aluminum fence on each side of the gates. The fencing will transition to black chain link fence along the east side of the project. A construction note was added to the section of fence on the north side of the rear gate for clarification.**

12. Question: How much core drilling are we anticipating and should I add that to my price? It looks like there could be some by the operated slide gate, and then possibly on the other side of the building where the operated swing gate is.

Response: Core drilling should be included in your price if it is anticipated that it will be needed to construct the project as shown.

13. Question: Page A102 – Room # 103 Radio/Report Room – I noticed there was a window in there but it's not being called out.

Response: See response to question #14.

14. Question: Page I-201 – Elevation 5 – it's calling out for this window to be 2'9" x 3'-9 1/4" but doesn't tell me if its Hollow Metal or Interior Storefront.

Response: I believe you are referring to the window being shown in detail 6/I-201. This window is intended to be interior storefront. This window has been assigned Type "P" and was added to both detail 6/I-201, as well as on sheet A-602. The window being shown in detail 5/I-201 is exterior window Type "A", in which its dimensions are listed on sheet A-602 and will be exterior aluminum storefront.

15. Question: Please advise if the window is Hollow Metal or Storefront and what type of glass is needed in this window.

Response: See response to question #14.

16. Question: The storefront and glazing specs do not mention impact requirements but the aluminum window specs do. Is there a need for meeting impact requirements on this job?

Response: All exterior aluminum storefront windows shall meet the required wind load. They are not required to meet additional impact rating requirements.

17. Question: The interior window in the Radio Report Room (6/I-201) - is that an aluminum storefront or hollow metal frame?

Response: See response to question #14.

18. Question: The glazing specs mention obscure glazing at doors and windows and that the locations of each are indicated on the drawings. I do not see any glazing schedule or indications on the drawings. Please advise on which doors/windows/frames should receive obscure glass.

Response: Obscure glazing shall be used at the window in the "Shared Toilet/Shower" Room 110. On sheet A-101, floor plan keynote #30 was added to the keynotes section, as well as to the floor plan, indicating this update.

**Reference the Concrete Pile Specifications, paragraph identified below.  
Questions 19-24**

19. Question: 1.04B. (Page 2) 12-inch square piles are not made with 5 strands 7/16-inch diameter. 7/16-inch strand is no longer used in the prestressed concrete pile industry. The standard 12-inch square pile uses 4 strands at ½-inch diameter, 270 KSI.

Response: **The proposed pile substitution has similar performance and is acceptable.**

20. Question: 2.03 Fabrication C. Casting 4. Placing and Casting c. (Page 7) Concrete Pile Manufacturer (Supplier) utilizes SCC (self-consolidating concrete). Supplier is requesting clarification that the piles may be vibrated when and where needed as determined by Supplier's QC personnel.

Response: **This is acceptable as long as the final product meets the strength and performance requirements for the project.**

21. Question: 2.03 Fabrication C. Casting 6. Curing of Piles (Page 8) states moist or accelerated curing is required for production of the piles. AMI is requesting clarification that the piles may be cured in the forming bed under tarps/covers or by accelerated curing methods outlined in the specification document. In either case, the specified concrete release strength will be achieved prior to prestress transfer and the required minimum strength at 28 days will be met prior to shipping. If accelerated curing is required for all piles, Supplier will need to include the cost associated based on this requirement.

Response: **This is acceptable as long as the final product meets the strength and performance requirements for the project.**

22. Question: 2.04 Product Quality Control C. Slump and Strength Tests (Page 8) The specs call for slump tests to be performed. Supplier utilizes SCC (self-consolidating concrete) in which the spread is measured instead of the slump.

Response: **This is acceptable as long as the final product meets the strength and performance requirements for the project.**

23. Question: 2.04 Product Quality Control E. (Page 8) Compressive Strength Tests- states that break tests shall be done at 28 days. Supplier's concrete will usually come to strength within a couple of days of pouring, therefore, Supplier is requesting clarification that the piles do not need to sit in their production yard for 28 days until they can be shipped. Supplier's standard procedure is to break cylinders at 1, 7, and 28 days. If the concrete has not made ultimate strength by 7 days, AMI will break cylinders accordingly until the concrete has made its 28-days design strength. Piles will not be shipped before the concrete makes it's 28-day strength.

Response: **This is acceptable as long as the final product meets the strength and performance requirements for the project.**

24. Question: Clarification is requested in Per LF bid Item for payment of piles installed. How is this to be computed? For instance, if we buy a 35-foot pile to drive and it only will drive to 30 feet, do we get paid for 35 feet or 30 feet?

Response: The contractor is paid for length of pile driven, except for the test piles where the required extra length is also included. Five (5) test piles were included in the program and are to be driven to a tip elevation of -30 ft instead of the planned -25 ft for other piles. Note that the test pile program should be completed first in order to confirm the production pile lengths prior to ordering the production piles. Note also that the total pile lengths need to extend from the planned tip elevation of -25 ft (-30 ft for the test piles) to the final foundation elevation based on the existing grades indicated in the site plan.

25. Question: Starting with the aluminum slide gate, it looks like curb to curb is 24'... is that what the width of the opening should be? The larger problem with this gate is (assuming it's 24') that makes the entire length of the gate 36'. You don't have nearly 36' to open the gate, it will hit the 6' black chain link fence that corners the way it is currently set up. They show the operator on the inside which means the gate is also on the inside. The operator and gate could go on the outside of the fence line and not hit the chain link fence, but that would be strange. I need to know how to handle that.

Response: See response to this question 10 above.

26. Question: As we continue down the plans there is 6' black chain link that "turns into" black ornamental aluminum at the gate. Is this correct? I can't remember ever seeing a fence that transitions to another fence at a gate. Are we trying to latch an aluminum gate to a black chain link post?

Response: See response to this question 11 above.

## **Substitution Request**

I would like to respectfully request your consideration of Sarnafil S327 60mil (minimal thickness guarantee) Thermoplastic Polyvinyl-Chloride (PVC) Roofing System with a 20 year warranty, as an alternate on the upcoming **Fire Station 3 Roof**

Sika Sarnafil manufactures thermoplastic PVC membranes that are energy-efficient and meet Energy Star and LEED criteria for low slope and steep slope applications.

Response: Proposed substitution is approved with the following exceptions and conditions: 1) Proposed product has been fully investigated by proposing party and determined to be equal to specified product. 2) Same warranty will be furnished for

proposed product as for specified product. 3) Same maintenance service and source or replacement parts, as applicable, for proposed product as for substituted product. 4) Proposed product will have no adverse effects on other trades and will not affect or delay progress schedule. 5) Cost data as stated is complete. Claims for additional costs related to accepted substitution which may subsequently become apparent are to be waived. 6) Proposed product does not affect dimensions and functional clearances. 7) Payment will be made for changes to building design, including A/E design, detailing, and construction costs caused by the substitution. 8) Coordination, installation, and changes in the Work as Necessary for accepted substitution will be complete in all respects.

Updated drawings can be found at the following link:

<https://guernseytingle.sharefile.com/d-sd9340ad984d14f0285bee4d6e5fb054f>  
[guernseytingle.sharefile.com]

## **Additional Changes**

1. **G-101**: Sheet Index Updated
2. **G-001**: Sheet added.
3. **G-002**: Abbreviation “SCDA – SINGLE CHECK DETECTOR ASSEMBLY” was added.
4. **CD100**: Demolition note #9 “POWER POLE TO BE RELOCATED. COORDINATE RELOCATION WITH POWER COMPANY” was added to the document and the power pole to be relocated was labeled on the plan.
5. **CS100**:
  - Construction note #7 was changed from “FIRE HYDRANT” to “FIRE HYDRANT ASSEMBLY”
  - Construction note #4 was changed from “2-1/2” DOMESTIC WATER SERVICE” to “3” AWWA C900 PVC DOMESTIC WATER SERVICE.”
  - Construction note #12 was changed from “SLIDING GATE WITH FREE EXIT AND INTERRUPT LOOP (SEE SHEET C-501 FOR DETAILS)” to “SLIDING GATE WITH FREE EXIT AND INTERRUPT LOOP (SEE SHEET C-501 AND C-502 FOR DETAILS).”
  - Construction note #13 was changed from “SWING GATE WITH FREE EXIT AND INTERRUPT LOOP (SEE SHEET C-501 FOR DETAILS)” to “SWING GATE WITH FREE EXIT AND INTERRUPT LOOP (SEE SHEET C-501 AND C-502 FOR DETAILS).”
  - Construction note #15 was changed from “50 GPM SCHIER GB-50 GREASE INTERCEPTOR, OR EQUAL” to “50 GPM SCHIER GB-50 GREASE INTERCEPTOR, OR EQUAL W/ 4” THICK REINFORCED CONCRETE PAD.”

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- Construction note #19 was changed from “6” FIRE SPRINKLER WATER SERVICE” to “6” FIRE SPRINKLER WATER SERVICE; RPZ BACKFLOW PREVENTION IN BUILDING.”
  - Construction note #29 was changed from “SWING GATE WITH INTERRUPT LOOP (SEE SHEET C-501 FOR DETAILS” to “SWING GATE WITH INTERRUPT LOOP (SEE SHEET C-501 & C-502 FOR DETAILS.”
  - Construction note #30 was changed from “4” THICK CONCRETE SIDEWALK” to “NOTE NOT USED ON THIS SHEET” due to this being a duplicate note.
  - Construction note #43 was changed from “RPZ BACKFLOW PREVENTION IN BUILDING” to “CONNECT EXISTING LATERAL TO NEW WATERMAIN.”
  - Construction note #47 was changed from “EXISTING 2” METER TO STADIUM” to “EXISTING 2” METER TO STADIUM (METER #210018482).”
  - Construction note #53 “1.5” COPPER TUBING WATER SERVICE FROM WATER MAIN TO 1.5” WATER METER” was added, and the label was added to the plan view.
  - Construction note #54 “1.5” CORPORATION STOP” was added, and the label was added to site plan.
  - Construction note #55 was added to the document, identifying “BLOWOFF VALVE.”
  - Construction note #56 was added to the document, identifying “6” VALVE MJxFL.”
  - Construction note #57 was added to the document, identifying “GENERATOR WITH BOLLARDS, SEE ELECTRICAL PLAN.”
  - Hatch Legend - the description for the hatching was changed from “PUBLIC RIGHT OF WAY PAVEMENT REPAIR” to “PAVEMENT AND SITE RESTORATION (SEE DETAILS, SHEET C-504)”
  - Hatch Legend – hatch for “ASPHALT PAVEMENT WIDENING (SEE DETAIL, SHEET C-501)” was added to the legend, and identified on the site plan.
  - The configuration of the generator pad was revised, and bollards were added between the generator pad and the drive aisle.
  - The transformer pad was moved further away from the curb.
  - The “8” VALVE MJxFL” adjacent to Pembroke Avenue (Construction Note #38) was moved closer to the roadway so that it would be closer to the connection with the main that will run south along Pembroke Avenue.
6. CS103: Entire sheet was added to show profile of the proposed waterline that crosses the site.
  7. CG100: Storm Pipe Schedule – for pipe B3-B4, material description changed from “PVC” to “PVC SDR 26”.
  8. CG100:



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- General Note #2 was added to the document “STORM DRAIN PIPE FROM B3 TO B4 SHALL BE PVC SDR 26 OR GREATER.”
  - Storm Structure Schedule – for Structure Number B1, the note “SEE GENERAL NOTE #1 BELOW” was added to the “48” CONFLICT STRUCTURE”.
9. C-501: The “TYPICAL PAVEMENT REPAIR DETAIL” was changed to “ASPHALT PAVEMENT WIDENING DETAIL”, and the detail was revised.
  10. C-502: “AUTOMATIC GATE INTERRUPT LOOP DETAIL” was added.
  11. C-504: the Pavement & Site Restoration Detail was revised to cross out the “ADT LESS THAN 2,000” and “ADT 2,000 TO 10,000” details, and revise the specified pavement thicknesses for the “ADT LESS THAN 2,000” detail to match what was specified in the geotechnical report. A note was also added stating “MODIFIED TO MATCH PAVEMENT RECOMMENDATIONS MADE IN REPORT BY FROEHLING & ROBERTSON, DATED FEBRUARY 22, 2022. IF ANYTHING IN REPORT CONFLICTS WITH WHAT IS SPECIFIED ON THESE PLANS, THE REPORT SUPERCEDES THESE PLANS.”
  12. C-507: Sheet Added.
  13. S0.01: Notes have been removed.
  14. S1.04A:
    - Detail 1: Revised notes to indicate that geometry is to be taken from architectural drawings. Other required items are called out on the drawing.
    - Detail 4: The section callouts have been revised to the correct numbering.
  15. S105A: Railing requirements have been added and references to existing railings removed.
  16. S3.01: The dimensions of the turned down slab and reinforcement requirements have been added.
  17. A-110: Updated note #40 on sheet A-110 Roof Plan, requiring splash protection to be included at specified down spout.
  18. A-601: Additional door numbers were added to the door schedule for the four-fold doors that appear in the “Alternate Bid No. 3”
  19. ALT-1 and ALT-3 have been adjusted so that the title block is no longer cut off.
  20. ALT-3: New door tags added to the four-fold doors on elevation 5/ALT-3
  21. I-103: note added under the “REMARKS” column for LVT-1 indicating the flooring finish must be static free.
  22. P102: Added seismic requirement note.
  23. P401: Added seismic requirement note.
  24. P604: Removed back water valve from backflow preventer detail.
  25. M001: Added seismic requirement note.
  26. M101: Added IRH combustion air note.
  27. E001: Added seismic requirement note.
  28. E002: Edited wireless access point and security camera description.
  29. E003: Changed the generator to represent the actual size and added new work note 4.



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30. E203: Added CP-1 (RM 116) and CP-2 (RM 138) to the plans and added a receptacle for a condensate pump (RM115).
31. E601: Updated KAIC ratings on the riser.
32. E602: Updated loads on panel PB and added a basis of design fuel tank installation detail.
33. E603: Updated the fault current calculation from the transformer and added the fault current letter from Dominion Energy.
34. P101: Added seismic requirement note. Added grease interceptor and oil water separator back to drawings.
35. Specifications Section 32 3113.53 – High-Security Fences and Gates – change paragraph 2.1, A. from “Delegated Design: Engage a qualified professional engineer, as defined in Section 014000 "Quality Requirements," to design chain-link fence and gate frameworks.” to “Delegated Design: Engage a qualified professional engineer, as defined in Section 014000 "Quality Requirements," to design chain-link fence, gate frameworks, automatic gate openers, and interrupt loops.”

***Bidders must take due notice and be governed accordingly. This addendum must be acknowledged as indicated in the Intent to Award or your Bid may not be considered.***

***All other terms and conditions must remain the same.***

***For the City of Hampton***

*Tammy Martin*

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