



THE CITY OF DAYTONA BEACH
OFFICE OF THE PURCHASING AGENT

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ADDENDUM NO. 1

DATE: November 5, 2019
PROJECT: ITB 20073
MAIN STREET PIER REPAIRS

OPENING DATE: November 22, 2019

This addendum is hereby incorporated into the Bid Documents for the project referenced above. The following items are clarifications, corrections, additions, deletions and/or revisions to and shall take precedence over the original documents. Additions are indicated by underlining, deletions are indicated by ~~strikethrough~~.

RFI #1

There is not enough information with regards to the concrete repair to submit a bid. We would require dimensioned drawings showing the extent of the spalls / Cracks.

A: Concrete Repair items are shown as Lump Sum Bids so no quantities are supplied. Please refer to Note 8 on the plan sheet entitled "Key Map" Main Street Pier Repairs for directions on repair methods. Locations of spall areas as well as crack location mapping is indicated in the figures on the Graef Report. Methods of repair are also listed in the recommendation section and in the figures.

1. What to do when there is missing re-bar?
A: See answer above
2. Method of repair?
A: See answer above
3. Design requirements?
A: See answer above
4. Total cubic footage and length of cracks?
A: See answer above
5. Repair method for cracks?
A: See answer above
6. Finish (protective coating / paint or nothing)?
A: See answer above

7. Detail 6, SD1.0 Calls out for “Fox Industries” pile jackets which was bought out by Simpson Strong Tie. Simpson Strong Tie has its own jackets with proprietary epoxy fillers which we have used in many projects over many years. Would we be allowed to use this system?

A: Detail 6 “Pile Repair Detail” on Plan sheet SD1.0 of the MS Structural Plans shows a pile repair to utilize a “Fox Industries” Fiberglass Jacket and Collars and to fill with 6,000 psi concrete with corrosion inhibitors. Jacket sleeve was indicated to be a patented device. Fox Industries has been purchase by Simpson Strong Tie. Simpson strong tie utilizes its own epoxy or grout fillers as part of their repair system. This system is an acceptable substitute with the epoxy or grout fillers per the manufacturer’s recommendation for the environment and location they are to be installed on the Main Street Pier project.

8. Is there any concrete repairs to be done at the old Sky Chair Concrete Bases between bents 43 – 44 and bents 52 – 54? If so, please provide details?

A: No. These are not part of the project.

9. Detail 6, SD1.0 Beam to Pile Connection; Beam is 4” wide centered on the existing 10” dia. pile. How is a flat bar going to be attached if there is a 3” gap on either side of the beam?

A: A cursory field review indicates that all the beams involved are much wider than 4 inches and closer to the pile diameters involved. It is noted that this detail indicates a “typical beam size” and also states beam size is to be verified. A field review also indicates that from Bent 8 eastward the existing beam width is very close to the 10 “ pile diameter. The detail also indicates the pile can be mortised to a degree to accommodate some variance.

From bents 1 to 7 there is more of a variance in pile diameter and beam width, however, all beam widths are much greater than 4 inches. If a gap exists between flat strap and the face of the beam contractor is to use a block (of pressure treated wood as specified) as required to make up the gap. Block should be full depth of beam and one foot in length with holes for strap centered in the middle of block. The detail also indicates the pile can be mortised to a degree to accommodate some variance. Detail indicates beam width is to be verified by contractor.

10. Detail 4, SD1.0 Pile Repair Detail’. Repair calls out for SikaDur 31 Please specify which specific type of SikaDur 31 is to be used? Also, could we use a specific estimated quantity per pile repair for bidding purposes?

A: SikaDur 31 Hi-Mod Gel is to be utilized in the Repair of Split Pile Bid Item. Bid is on a per each basis. No further quantity breakout is supplied.

11. Detail 1, SD1.0 Pile Bracing Connection Detail; There are 2 different type of washers called out in this detail, 4” x 4” as well as 3” diameter (both stainless steel) can we use one type only, if so, which one?

A: Detail 1 on sheet SD1.0 should be followed. All pile bracing connection details in sheets SD1.0 (detail 1,6 &7) and SD1A (detail 1) should utilize both 4 x

4 cut plate with 3 “ dia. SS washers and Nuts. (Typ.). In reference to these same details it is noted that 3/4” stainless steel threaded thru rods can be utilized.

12. Details 3 & 6 SD1.0 Joist to Beam Connection & Pile Repair Detail; Detail 3 calls out for 2” x 2” x 3/16” stainless steel angles, the same connection in Detail 6 calls out for Simpson Strong Tie H2.5 “hurricane clips” on both sides which is correct ?

A: The Joist to Beam connection in detail 6 a “Simpson Strong Tie “Hurricane Clip H2.5” is acceptable. Bidder is to note that no joist to beam connection repairs utilizing either connection alternative are shown in the bid plans.

13. What is the difference between Cross Members and Cross Bracing?

A: The terminology “Cross Member” is shown in the Bid Schedule and on Key Map plan sheet. The term “Cross Bracing” appears in the MS Structural detail plan sheet. The terminology is interchangeable and references the same item.

14. Where are Details 4 & 5 on Drawing SD1A used?

A: These are standard details that may not be part of this particular project

15. Need additional information on “Missing Pile” at Bent 43. Is this pile to be replaced or is this just merely to indicate this condition?

A: This item at bent 43 has been deleted from the bidding plans. Please see revised Key Map Sheet 1 and Bid Schedule.

16. There is no information as to how the engineer wants to repair Split Piles (Pay Item 6).

A: This item has been addressed elsewhere in this Addendum. See Plans comments section Item No.1

17. There is no information as to how the engineer wants to repair Shim Gap at Pile / Pile Cap (Pay Item 10)

A: Please see note 3 on sheet S2.1. Pressure Treated Shims should be used to completely fill Gap between pile and pile bent. Shims should cover width of pile. Please refer to key map for locations.

18. There is no information as to how the engineer wants to repair “Cracks in Pile Bent” (Pay Item 15)

A: This item is addressed elsewhere in this Addendum. See Plans Comment Section Item No.1

19. Existing structural drawings or “as built” would be most helpful as well as a drawing with dimensions between piles, width, length and any other details of the structure.

A: Please see the “Specific Purpose Survey & topographic Survey by Sea Diversified dated December 2018 for Dimensional information. No “As-Built drawings exist for original pier construction.

RFI #2

20. Because of the material to be used for the repairs are “special order” and not readily available at any local supply house, would the City be willing to paying for materials delivered to site or to one of the City’s warehouses.

A: Stored materials payment is allowed. See Section 15.2.5 of the General Conditions of the Construction Contract for procedure for submitting payment for materials payment along with invoice.

21. If not, would the City be willing to raise the Mobilization / de-mobilization (pay item 1) to 10% payable in full in the first invoice.

A: Mobilization / de-mobilization will remain at 5% Max.

22. Is the “fishing section” of the pier (bents 36 to 54) to remain closed until repairs are completed and will the contractor have exclusive use of the area?

A: The contractor will have access to the “Fishing section” of the pier until all repairs on the “Fishing Pier” are completed. The City may open the pier after these repairs are completed.

23. Who can we contact to gain access to this section of the pier to do an inspection?

A: Please contact the City Engineer at NelsonJ@COB.US

RFI #3

24. Does this work need to be done by a licensed fire sprinkler contractor as a matter of liability for the City’s insurance policy?

A: Please refer to the “Instruction to Bidders” Section 24. “Licenses” for Prime bidder and subcontractor License requirements.

RFI #4

25. Pay Item #11 "Repair Concrete Beam Connection" 1 ea. What is the location of this repair?

A: Please see Key Map for Item called out as “Repair Concrete Beam Connection”. Bidders’ attention is directed to the area between bents 3 and 4.

26. Pay Item # 14 “Repair Rotten Pile at Bent ____” 1 ea. Need location and details for the repair?

A: Locations of “Repair Rotten Pile” are shown on the Key Map Sheet 1. Repair methods are addressed elsewhere in this Addendum. See Plans Comments section, Item #1

27. Pay Item # 18 “Repair Detached Pile Bent 34” 1 ea. Need details as how to repair?

A: Pile detachment at Bent 34 was noted in the Sea Diversified Survey. Best available information indicates that Beam Pile connection as shown in detail 2 sheet SD 1.0 is broken/missing and will need replacement. Additionally shims will likely be required to fill a gap in the beam to pile connection once Beam to pile connection is repaired.

28. It is our understanding that we are only to bid the items listed on the Bid Schedule (items 1 - 23) as well as Add Alternates 1, 2 & 3 and coordinate these pay items with the Main Street Pier Repairs Key Map. Is this correct

A: Correct. The quantities of items shown for individual line items in the Bid Schedule item (Base and all Additive Alternates) represent summary totals of these similar line item work descriptions that may be at more than one location on the pier. The work items and their locations are shown in the key map.

BIDDERS QUESTIONS AT PRE-BID

29 The Project documents require certified As-Built. Who is to certify the As-Built?

A: The requirement for As-Built Drawing submittal has been modified to address this. Please see revised sections 01025-Measurement and Payment and revised section 01700-Record Documents and Closeout Procedures.

30. Please provide definition of what constitutes “substantial completion” as well as “final completion” on this project.

A: The City will Consider Substantial completion as completion to City’s satisfaction all items in the Base Bid and Additive Alternate No.4 (If awarded). Final Completion will be considered completion of all Base Bid Items plus all Additive Alternates awarded.

31: Why is threaded rod shown in section 02025 “Measure and Payment” item for item 5- Flat straps and bolts?

A: The use of 3 / 4 “stainless steel threaded thru rods is allowed for this detail.

32. Where can a nearby area be used for a layout and staging area.

A: The City will provide access to a City owned lot at the corner of Harvey and Ocean Ave.

33. Longshoreman’s Insurance coverage will be needed if any work is to be done over water.

A: Required Longshoremans’coverage is covered under Article VII. Insurance - Part A.1 “Workers Compensation Insurance” in the Construction Contract that is part of the bidding documents.

34. Plans call for installation of large concrete collars at base of piles in the water in area of the fishing pier. This will be expensive. How will this be accomplished without use of cofferdams?

A: Installation of concrete collars on existing piles have previously been accomplished thru the use on fiberglass piling jackets. The change from Fox Industries to Simpson Strong Tie fiberglass Jackets is addressed elsewhere in this Addendum. Pile Jackets should be jetted approx. 4 feet below the mudline. Length of the pile Jackets should be 15 feet. Fiberglass jacket selection and selection of grout/epoxy fill should be in accordance with manufacturers’ recommendations.

35. The MS structural plans mention deck board replacement. There is no pay item for deck board replacement.

A: There is no deck board replacement in this project.

36. Would the City entertain deleting the alternate bid items?

A: The alternate bid items are not being deleted

37. What working hours are allowed?

A: Bidders attention is directed to Section 1.1 of the General Conditions of the Construction contract for the definition of Working Hours. Working hours mean 7:00 am through 6:00 pm Monday through Friday excluding holidays designated by the City. Extension of the working hours will only be granted after written approval from both the City and Volusia County.

PLANS

37. Plan Sheet entitled "Main Street Pier Repairs Key Map" Sheet 1 of 2.

Add Note 13 to sheet to read as follows:

13. Repair of Necked piles, Cracked or Rotted piles as indicated on plans shall be in accordance with "Pile Repair Detail" No.6 on Sheet SD1.0 of the MS Structural Plans referenced. As noted elsewhere in this addendum Simpson Strong Tie FX-70 Fiberglass Jacket repair system is allowed. Fiberglass jacket selection and selection of grout/epoxy fill shall be in accordance with manufacturers' recommendations. Pile jacket length of 12 feet should be utilized to cover all damaged sections. Pile Jacket should be jetted to 4 foot depth into mudline.

38. Repair of Split piles as indicated on plans shall be in accordance with "Pile Repair Detail" No. 4 on sheet SD1.0 of the MS Structural Plans referenced. As noted elsewhere in this addendum Sika Dur 31 High Mod Gel should be utilized

BID SCHEDULE

39. See attached revised **Bid Schedule**. Bid items have been modified and Additive Alternate No.4 has been added.

SPECIFICATIONS

40. See attached revised **Section 01025- Measurement and Payment** section. An item has been deleted. Additive Alternate No.4 has been added.

41. See attached revised **Section 01700-Record Documents and Closeout Procedures**. The description of required As-Built drawings has been revised.

[CONTINUED ON THE NEXT PAGE]

ATTACHMENTS POSTED UNDER ADDENDUM #1 AT

<https://vrapp.vendorregistry.com/Bids/View/Bid/1bb0ef4a-daa1-46e6-b329-802f1bcc90fb>

Section 01025- Measurement and Payment (Rev)

Section 01700-Record Documents and Closeout Procedures (Rev)

Bid Schedule (Rev)

Key Map -Sheet 1 (Rev)

All other terms and conditions remain the same.

The Bidder shall acknowledge receipt of this addendum in Section 7 of the Bid Proposal Form.

The City of Daytona Beach

Kirk Zimmerman, CPPB
Buyer

Remember to register with the City of Daytona Beach at www.vendorregistry.com to be notified of future bid opportunities with the City. As of 9-30-18 we will no longer be using our current system.