

QUESTIONS AND ANSWERS
JAMES ISLAND COUNTY PARK
FISHING DOCK REPLACEMENT
2020-006

- 1) Invitation for Bid Package, page 1, 3rd paragraph, “the project includes “permitting”? Is this a typo and permitting has already been taken care of by the owner?

Answer: CCPRC has the required permits in-hand from USACE and SC DHEC-OCRM. Any other permits required for the project are the responsibility of the contractor. See Addendum 2

- 2) Are all items on the existing pier, floating dock, ect.... To become property of the contractor as specified in the specs under demolition?

Answer: Yes.

- 3) If the OCRM permit has been issued to the owner can you please provide a “full” copy for the bidders to see?

Answer: Refer to first question. See Addendum 2

- 4) Invitation for Bid package , page 8 , Item 1.9 , “Subcontractor is a person who submits a bid for materials , equipment , or labor for a portion of the work”. If we submit a bid and are selected as Low Bidder ; we would not want our bid thrown out on a technicality such as Not listing a subcontractor. We consider the Aluminium pier supplier and concrete pile supplier as “material suppliers” , not subcontractors because a subcontractor is a “licensed contractor” properly licensed for their particular trade ; such as electrical work , plumbing , ect..... We understand your wanting to know who the Aluminium Pier supplier might be on our bid if so simply ask that question or others . Please see the Subcontractor Data Form in the bid package , column 2 , “Good or services provided by subcontractor”. We think (goods) should be taken out. Please advise on how to handle this.

Answer: We’re interested to know who will be working with you on this project. No bids will be rejected for not listing your subcontractor.

The Subcontractor Data Form is a standard form used for all projects. This form is basically use to identify subcontractors that are certified Small Business Enterprise by Charleston County.

- 5) Attachment 1 K , Contractor Questionnaire , #10 , “substantial” Please advise on what dollar amount you consider “substantial” as well as how many projects you would like to see listed.

Answer: \$100,000. Five (5) projects.

- 6) Attachment 1 K , Contractor Questionnaire , #11 , “Current Capacity” Please explain what you mean by “current capacity”

Answer: The maximum output your business can produce in a given period with the available resources as of today.

- 7) Spec Section 033000 Cast in Place Concrete

Section 2.6 , A , 2. Says minimum compressive strength is Class A 4500 psi. Plan sheet S-002 “structural cast in place concrete “ Materials 1. Minimum 28-day strength says 4000 psi please advise as to which is correct.

Answer: The specifications and a minimum compressive strength of 4500 psi are correct.

8) Spec Section 316213 - Concrete Piles

Section 1.6 On page 2 , section “1” calls for a Certified piling Survey by a professional surveyor. This is an unnecessary expense and wanted to ask if you might consider deleting this requirement. Aluminium piers dictate that the piling placement has to be on the money and is typically done so by shooting in rigid piledriving templates using the contractors surveying equipment. Having a surveyor come out and survey pile locations before we cover them up with pier sections is a waste of time and money in my opinion.

Answer: The requirement for a Certified Pile Survey is removed from the project. The contractor is responsible for providing an as-built survey at the end of the project for the OCRM permit requirements. See Addendum 2

9) Spec Section 316213 – Concrete Piles

Section 1.7 Quality assurance B , 1 “Installers responsibility includes engaging a qualified professional engineer to prepare piledriving records” We typically do this ourselves and have done so on previous Aluminum pier jobs for CCPRC. This is another expense that the owner may want to consider eliminating.

Answer: This requirement is removed from the project. The contractor shall still be required to submit their pile driving records within 3 days of driving each pile. See Addendum 2

10) Spec section 316213 - Concrete piles

Section 1.8 A , 1 Furnish test piles 60” longer than production piles. On plan sheet S-002 “Summary of estimated Quantities” Chart at bottom right hand corner , 3rd row , 14” prestress concrete Index Piling ; should it not read 120 lf instead of 100lf because of the extra 5’ added to each of the 4 test piles ?

Answer: The four index piles are removed from the project. All of the pile lengths on the project shall be increased by 2’-0”. The first pile to be driven shall have a PDA test performed. See Addendum 2.

11) Spec Section 316213 - Concrete piles

Section 8.1 , C , 1 “Test piles should be tested during restrrike approximately 7 days after installation of index piling. The point being made here is that if we mat equipment across the marsh with index piles at four different locations approx. 100’ apart , drive them over the course of a week working around high tides , wait 7 days , mat back to each location of the course of another week and restrrike , then wait for the Geotech to interpret data , decide on production pile lengths , order piles , get them into casting schedule , wait for them to be cast , then cure enough to handle , ship , and then barge to the site ; our equipment will be sitting idle on your jobsite “on the clock” for 6 to 7 weeks because no one is going to demob all that and then

remob. If you were building a load bearing vehicle bridge that's one thing but here it is a 100psf live load pedestrian pier. Would CCPRC consider waiving this requirement to save money?

Answer: The four index piles are removed from the project. All of the pile lengths on the project shall be increased by 2'-0". The first pile to be driven shall have a PDA test performed. See Addendum 2.

12) Section 316213 - Concrete Piles

Section 2.6 , A , "Pile Shoes – 1" thick steel plate" We have never seen a steel shoe/plate used on a concrete pile in this area. CCPRC may want to consult with your engineer as to whether this is really a necessary expense.

Answer: The contractor shall determine if pile shoes are required. This is considered "means and methods" for the project.

13) Section 316213 – Concrete Piles

Section 3.3 Driving Piles , A. Continuously drive piles to elevations or penetration resistance indicated or established by "Static Load Testing of Piles". This sentence contradicts section 1.8 , B , 1 but not 1.8 , C . Please advise as to which is required.

Answer: No Static Load Tests are required for the project. One PDA test will be required on the first pile driven. See Addendum 2.

14) Section 316213 – Concrete Piles

Page 11 , section 3.4 , B , 1 calls for Dynamic Pile testing and restrike on "5" piles, not 4 piles as indicated on the plans. Please advise which is correct.

Answer: One PDA test will be required on the first pile driven. See Addendum 2.

15) Section 316216 Steel Pipe Piles

E , Submittals , F. Certified Pile Survey. The specs call for a certified pile survey. Seeing how the piles have to go in the floating dock pile pockets and can not go anywhere else this seems to serve no purpose and could save CCPRC money if eliminated. Please advise if you might consider eliminating this requirement.

Answer: The requirement for a Certified Pile Survey is removed from the project. The contractor is responsible for providing an as-built survey at the end of the project for the OCRM permit requirements. See Addendum 2

16) Plan Sheet S-102

The plan view has a note in the middle of the page that says "composite decking should be installed in the field". In the past on previous projects this has always been done at the factory in a much better controlled environment and has always turned out well. Is there a reason why the owner wants the decking installed in the field?

Answer: The composite decking for the 6'-0" wide walkway may be installed in the factory. The composite decking at the pier head shall be installed in the field to prevent seams at the (2) 6'-0" wide aluminum sections. See Addendum 2

- 17) Section 032000-Concrete Reinforcing Part 3.4 A-C states the owner will engage qualified Testing and Inspection agency for field tests and inspections.....Can you confirm if this is still the case?

Answer: The contractor is to engage a qualified Testing and Inspection agency. Contractor to coordinate with Owner to visually inspect the slab reinforcing before the slab is placed.

18. Construction Access

- To construct the pierhead and floating dock of the new pier structure, equipment access by water utilizing a barge and crane is required however the existing pier structure does not allow sufficient room for adequate equipment to pass through the waterway. The RFP requires one of the pier structures be open to the public at all times however given the site constraints, this is not possible. Is there an acceptable duration in which the existing pier structure extending into the waterway can be closed and demolished to allow equipment access for construction of the new pier? The duration of having both structures closed to the public would be minimized by constructing the new pier out to the waterline, demolishing the portion of the existing pier in the waterway, then finishing construction of the new pier prior to completing demolition of the existing pier.

Answer: The requirement for the existing dock to remain open during the construction of the new dock has been removed. The contractor may demolish the existing dock before beginning construction on the new dock. See Addendum 1

19. Material Substitution

- a. Can JR Plastics Wear Deck 5/4x6 decking be substituted in lieu of Evergrain Composite Decking? See the attached specifications.

Answer: •JR Plastics WearDeck decking is an allowable substitution for Tamko EverGrain. However, the material must be in the 2" X 6" profile (actual size: 1.35" X 5.5"), in "Cool Grey" color. See Addendum 2

20. Specification Section 316213-3, Article 1.8 Preconstruction Testing, A.1. States to furnish test piles 60 inches longer than production piles. (We assume that all references to test piles and index piles are one and the same). Since there are four test piles as indicated in C.2 which should equal 20' of additional pile length, why does the Summary of Estimated Quantities on Drawing S-002 state 100 LF for 14" PSC Index Piles? Please clarify.

Answer: The four index piles are removed from the project. All of the pile lengths on the project shall be increased by 2'-0". The first pile to be driven shall have a PDA test performed. See Addendum 2

21. Specification Section 316213-3, Article 1.8 Preconstruction Testing, A. General: Dynamic pile tests are used to verify driving criteria and pile lengths and to confirm allowable loads. Is it the intent of the owner to require the contractor to cast only (4) test piles, mobilize all equipment

and manpower to the site, drive those (4) piles with PDA, and then sit and wait with all equipment idle on the site for possibly as long as 30 days or more while production piles are being cast? This would be a huge expense for both the contractor and owner. Please confirm that this process is what is required.

Answer: The four index piles are removed from the project. All of the pile lengths on the project shall be increased by 2'-0". The first pile to be driven shall have a PDA test performed.

22. Specification Section 316213-5, Article 2.6 Pile Accessories, A. Pile Shoes: Are pile shoes a requirement for this project?

Answer: The contractor shall determine if pile shoes are required. This is considered "means and methods" for the project.

23. Specification Section 316213-10, Article 3.3 Driving Piles. J. Pile-Driving Records: Maintain accurate driving records for each pile, compile and attested to by a qualified professional engineer... Can this requirement be changed to allow a competent pile driving team member to record blow counts and maintain driving records in lieu of a professional engineer?

Answer: Yes, the requirement has been changed to allow a competent pile driving team member to record blow counts and maintain driving records. The contractor shall still be required to submit their pile driving records within 3 days of driving each pile.

24. Specification Section 316213-10, Article 3.3 Driving Piles. K. Certified Piles Survey: Engage a land surveyor to prepare a pile survey showing final location of piles in relation to the property survey and existing benchmarks. Can this requirement be amended to delete the actual location of every piling, and be satisfied by an as-built survey of the entire project performed by a land surveyor, post-construction?

Answer: The requirement for a Certified Pile Survey is removed from the project. The contractor is responsible for providing an as-built survey at the end of the project for the OCRM permit requirements.

25. Drawing S-002, General Note 18, Contractor shall submit a work plan that addresses how the impact of the critical area (Marsh) shall be minimized and how the contractor plans to restore it to its original condition upon project completion. From our site visit, it is obvious that matting through the marsh to construct the new dock is possibly the only option available to potential contractors. In doing so, grasses in the marsh will certainly be depressed or flattened. Is it the intent of this requirement that the contractor will be required to sprig or re-plant flattened or disturbed areas of the marsh vs allowing the marsh to restore itself naturally? Please clarify?

Answer: This requirement is based on the special conditions in the OCRM permit which state: Any disturbed critical area adjacent to the construction site must be restored to original contours and conditions upon completion. The marsh typically self-restores within a year, within the warranty period for the project, from being depressed or flattened provided the mats are not left in place for an extended time. The contractor shall submit a work plan

detailing how the impact to the marsh will be minimized and how the contractor plans to restore it if required based on the construction activities.

26. Drawing S-101, Includes a note that requires contractors to repair all disturbed areas with St. Augustine Sod. Please clarify that this requirement is limited to high ground only and not low or marsh areas. Also, please note that salt-water from extreme high tides will most likely kill the specified St. Augustine Sod.

**Answer: Change repair all disturbed area from St. Augustine to Zenith Zoysia.
See Addendum 2.**

27. Drawing E-101, Includes notes to mount solar nav lights on top of piling. Since the piling are under the structure and the tops are concealed by the substructure framing, mounting the lights on top of the piling is not an option. Please specify an acceptable alternate mounting solution.

Answer: The solar nav lights are to be mounted to the aluminum frame at the locations shown on the plans.

28. Drawings S-102, S-103, S-104, etc... include notes stating that all composite decking will be installed in the field by the contractor.... Can the composite decking on the 6' main walkway be installed at the factory by Gator/CMI? The composite decking on the pier-head can be field installed since it is 12' long and would cover both 6' wide sections.

Answer: Yes, The composite decking for the 6'-0" wide walkway may be installed in the factory. The composite decking at the pier head shall be installed in the field to prevent seams at the (2) 6'-0" wide aluminum sections.

29. Please transmit copies of all regulatory permits for bidder review.

Answer: See Addendum 2

30. Is James Island County Park in the jurisdiction of the City of Charleston, or the Town of James Island?

Answer: JICP is under the jurisdiction of the City of Charleston.

31. We asked another aluminum pier supplier to ask to get qualified to bid on this project as a supplier. They are approved by SCDNR as well as Georgia DNR . They were told by CCPRC in order to get approved they needed to submit shop drawings on the project 5 days before the bid. The problem with that is you are asking them to hire an engineer to do complete shop drawings for the project (at their expense I might add) in order to be able to bid the project. Yet , you only ask all Bidders/contractors to submit previous job experience on similar projects listing projects /owners/contact info/and contract amounts. They offered to provide CCPRC with this info. So my question is this : if you require that of the contractor why would you not require that of a supplier / or subcontractor as they are called ? It seems as though Gator is a sole source supplier here and I would think it would go against procurement protocol to avoid that whenever possible. We have worked with both Gator and this other supplier and find them both

to be good vendors. We have no preference. We are simply trying to get more competition/bids on materials to get the best pricing for the owner. We ask that you reconsider your earlier decision in light of this information.

Answer: Please refer IFB page 15 Section 4.3 – Substitutes. 4.3.1 thru 4.3.4

4.3.1. The materials, products and equipment described in the Bidding Documents establish a standard of required function, dimension, appearance and quality to be met by any proposed substitution....

32. Are rotomolded polystyrene floats an acceptable alternative for the floating dock flotation? On poly tubs the crabs cannot get inside and eat the flotation.

Answer: The product specified is the Gator dock Full Float, or approved equal. This system has polyurethane fully incased in aluminum. The polyurethane is protected from the crabs by the aluminum encasement.