

CLARIFICATION NO. 1

North Carolina Aquariums at Fort Fisher Expansion + Renovation

Kure Beach, NC

October 24, 2025

TO ALL BIDDERS:

This Clarification Letter supplements and amends the Bid Manual and shall be taken into account in preparing proposals and shall become part of the Contract Documents. The Bidder shall indicate receipt of this Clarification and any previously issued Clarifications on the Bid Form. Each Pre-Qualified Bidder is responsible for distribution of information conveyed in the Clarification to their sub-bidders and suppliers. This Clarification contains the following items and attachments and shall be incorporated into the Contract Documents.

1. Clarifications Response Log:

- Clarification #1 Response Log to submitted sub questions via RFI's.

End of Clarification 1

Attachments: Sub Requested Clarification Responses

North Carolina Aquariums at Fort Fisher
900 Loggerhead Rd., Fort Fisher Aquariu
Kure Beach, NC 28449

North Carolina Aquariums at Fort Fisher Expansion and Renovation
C&T Clarifications Log
Week of 10.24.25



Item	General Trade Description	Question	Question Date	Response	Supplemental Drawing Provided	Response Date	Response By
1	Concrete	There seem to be a lot of post installed anchor bolts with base plates. These base plates all show being grouted. Will all baseplates/anchor rods that are post installed be grouted by the Life Support Contractor. For reference see drawing LS8.05	10/16/2025	Baseplates to be grouted by the associated subcontractor. For example, LSS to grout LSS associated baseplates. Bid packages to be updated to reflect language.	Bid Package SOW	10/24/2025	C&T
2	Concrete	Detail 6 on S-300 shows micro piles being installed at the touch tank. These micro piles show a steel casing with an unbonded extended bar with anchor plate, washer and double nut. Will the steel casing be cut to the proper height and extended steel bar be installed with the anchor plate nut and washer by the deep foundations contractor to the correct height. Casing embeds into cap 6" and top of washer is 6" from the top of the cap.	10/16/2025	Steel bar, anchor plate, and nut/bolts to be by micro pile contractor.	Bid Package SOW	10/24/2025	C&T
3	Mechanical	Wanted to follow up from our meeting last month to discuss the possible use of Stainless Steel Sch 10, (Mech Room, and other areas?) We priced Sch 10 vs CPVC SCH 80 per stick during our meeting and there was a small cost savings per pipe.	10/16/2025	Proceed per the specifications.	Specifications	10/24/2025	C&T
4	Concrete	On that bid package I didn't see anything about the flowable fill in the touch and shark tanks, I am assuming that is CIP contractor – probably need to denote that as an item. Also , there is another RFI needed on S-130B – (Along grid E9 near EK) – 2/S406 shows a mystery wall with no details, I cant seem to find any information for that wall aside from that. Another good item could be drill/epoxy expectations, theres quite a bit of it as well as any demo expectations. (I would assume demo / prep by others and drill/epoxy by CIP)	10/16/2025	Refer to detail 1 and 2 on S-502 and drawing S-121 B for locations. Flowable fill shall be by concrete contractor. All drill and epoxy to be by concrete contractor. Demolition to be by demolition contractor. RFI to confirm dowell spacing requirements.	S-502 / S-121 B	10/24/2025	C&T
5	General	Are there any liquidated damages amounts nominated?	10/16/2025	Please refer to Addendum #1 and updated general scope of work for liquidated damages amounts.	General Scope of Work / Addendum #1	10/24/2025	C&T
6	General	Is there a cost for the SDI insurance in place of the payment & performance bonds or are we to provide a bid bond cost as an option?	10/16/2025	Bid bond will be required for any bids over \$300,000. There is no cost with the SDI insurance, any contract equal to and above \$300,000 will be enrolled in SDI upon award. Refer to sample contract for further SDI language.	General Scope of Work / Bid Manual Sample Contact	10/24/2025	C&T

7	Electrical	Is the exhibit lighting to be by electrical?	10/24/2025	Exhibit lighting is to be by the electrical contractor.	Bid Package SOW	10/24/2025	C&T
8	Concrete	Will the Tower Crane foundation remain in place after completion of the project or will it need to be removed by the concrete contractor? If the foundation need to be removed at the completion of the concrete work, to what depth must the foundations be removed as the deep foundations will need to be left in place?	10/24/2025	Tower crane foundation removal will be required and included in the concrete scope of work. Tower crane foundation removal depth to be to below compacted subgrade to ensure subgrade meets requirements. Backfill to be by sitework contractor post foundation removal.	Revised Bid Packages	10/24/2025	C&T
9	Hoist Crane	How long is the monorail and how long does it telescope out?	10/24/2025	Please refer to drawing A-2.23 A and S-519 for lengths	A-2.23 A / S-519	10/24/2025	C&T
10	Hoist Crane	Please clarify the voltage.	10/24/2025	Please refer to drawings EP-2.21 B and EP-2.23 B for power requirements. Please confirm these power requirements are acceptable.	EP-2.21 B / EP-2.23 B	10/24/2025	C&T
11	Electrical	Please confirm that lighting control plenum cabling can run exposed in exposed ceiling areas or located in conduit/raceways.	10/24/2025	Please refer to spec section 260519-2.3 for cabling requirements.	Spec Section 260519-2.3	10/24/2025	C&T
12	LSS	Clarify the FRP items as either LSS or FRP package: a.FRP Water Storage Tanks b.Launders c.DA Tower internal supports d.Manway (to include manway collar, cover, and hardware) e.FRP Reservoir (sock filter sumps as a completed unit) f.Access hatches (ex. Top of DA tower)	10/24/2025	All FRP manways, access hatches, etc. integral with LSS equipment shall be included in LSS scope of work. a. LSS scope of work to include FRP water storage tanks. b. LSS scope of work to include all launders, including water seals at the bottom. c. LSS scope of work to include DA tower internal supports. d. All manways and associated hardware to be by LSS. Composite manhole covers and associated hardware to be by FRP bid package. e. Furnished and installed by LSS. f. Included in LSS scope of work.	Revised Bid Packages	10/24/2025	C&T
13	LSS	Consider removing Insulation of pipes prior to weathertight. (Item 21)	10/24/2025	Will remove from LSS scope.	Revised Bid Packages	10/24/2025	C&T
14	LSS	Consider revising/clarifying item 36.	10/24/2025	Revised: end of Cx exhibit to support specified habitat to at end of Cx exhibit meets mechanical functionality and automated functionality so that the Owner can immediately begin water conditioning activities. Refer to specifications for additional requirements.	Revised Bid Packages	10/24/2025	C&T
15	LSS	Consider quantifying item 37 for time commitment on site to support Owner's balancing and Cx activities, or is this intended to refer to additional troubleshooting support during the Contractor's startup and Cx phase?	10/24/2025	This line item refers to all supports/trouble shooting supports required during start of end commissioning to ensure all systems are turned over the Owner fully functional.	Revised Bid Packages	10/24/2025	C&T
16	LSS	Remove salt in item 49, this will be an owner activity.	10/24/2025	Per conversations with Owner, this line item shall be removed.	Revised Bid Packages	10/24/2025	C&T

[illegible]