

1. Please clarify the requirements for Contractor assembly of the enclosure system.
 - a. Section 01 11 00, Paragraph 1.8 calls for a DD#2 Fitup Test where “The Contractor shall demonstrate and perform a complete fitup of the entire assembly prior to shipment of the units to PNSY.”
 - b. General Construction Note 3 on Drawing G-101 indicates that “The Contractor shall be required to demonstrate enclosure fitup in the dry dock as part of the final project completion.”
 - c. Is a fitup of the entire assembly required both outside and inside of the dry dock?

Reply: Fitup assembly is not required in the dry dock - intent is a demonstration of all components prior to turnover to PNSY.

- i. If a fitup is required in the dry dock, will a submarine be present in the dry dock during this fitup?

Reply: Fitup assembly is not required in the dry dock

- ii. If a fitup is required in the dry dock, with the requirements of General Note 5 on Drawing G-101, a very large contractor supplied crane would need to be utilized adjacent to the dry dock to hoist the enclosure components into the dock, based upon the weight of the components and the necessary reach, blocking John Paul Jones Ave. and/or Farragut Ave. for a significant period of time.

Reply: Fitup assembly is not required in the dry dock

- iii. We recommend that a fitup outside of the dry dock be accepted as confirmation of enclosure alignment. This will eliminate potential Contractor hoisting over and near a submarine, minimize disruptions to John Paul Jones Ave./Farragut Ave. and result in a reduced project cost.

Reply: Fitup assembly is not required in the dry dock

2. If a fitup is not required in the dry dock, what should be assumed as the final delivery location by the Contractor? The proposed storage location on Drawing G-102, the 100' x 100' work site outside of the CIA, or another location?

Reply: Final delivery location is TBD based on storage locations available at time of contract completion, however, assume a location around Berth 6/DD#2 within the portal crane limits.

3. If a fitup is required in the dry dock, is the Contractor then required to disassemble the enclosure assembly and move to a storage location?

Reply: Fitup assembly is not required in the dry dock

4. Demag requires that the data sheet provided be completed in order for them to quote the necessary equipment for the retractable roofs.

Please fill in as much information as possible so that the equipment may be sized appropriately.

Reply: Please refer to drawings M-106, M-503, and M-601 as well as spec 40 95 00 for the necessary information. The demag basis of design models are indicated on M-601 and a summary of operation, including speeds, is included in para 1.3.2 Operation in section 40 95 00.

5. We have contacted two different manufactures of operating systems as specified in specification section 05-59-10 and cannot find anyone utilizing the technology in the provided design. Can you share who the consulting engineer was for bidders to use as potential contact?

Reply: Additional information on the roof control system is included in specification section 40 95 00 Roof Control. This is a custom roof control system designed by the DoR. Please provide clarification/detail (paragraph reference) on what is indicated by "cannot find anyone utilizing the technology in the provided design".

6. For delivery of module sections by barge, where will offloading occur? Will contractor be required to offload the materials or will a crane be provided by PNSY?

Reply: Exact location of off-loading is TBD based on space availability at the shipyard. Contractor shall assume Berth 6 area will be utilized for off-loading.

7. If the contractor is required to assemble the modules within the dry dock, will the modules be stored land side prior to erection or will the contractor be able to offload and install directly?

Reply: No assembly of modules within the dry dock will be required. Per note #5 on G-101, all cranes and transportation required for module shipping and erection are the responsibility of the contractor

8. Will the contractor be able to utilize PNSY's portal crane for installation of the modules if assembly within the dry dock is required?

Reply: No assembly of modules within the dry dock will be required.

9. If contractor cannot utilize PNSY's portal crane, will erection of the modules be required from water side of the dry dock or will the contractor be allowed crane access alongside the dry dock for erection? Can we further assume that unloaded and stored modules will be brought to the contractor via PNSY's portal crane for installation or should we include the cost of heavy haul transportation?

Reply: No assembly of modules within the dry dock will be required. Per note #5 on G-101, all cranes and transportation required for module shipping and erection are the responsibility of the contractor.

10. If contractor is required to install modules within DD#2 for testing, can we assume that PNSY will provide and connect all temporary utilities required for the modules and testing?

Reply: No assembly of modules within the dry dock will be required.

11. During the fit up test referenced in specification section 01-11-00, Part 2 Products, specifies that "Excel scaffolding" be provided, there is no other specification provided regarding scaffolding, are all components provided by Excel approved for use?

Reply: Refer to drawings A-121 through A-126, A-221 through A-223, and A-321 through A-322 for additional info/intent on the excel scaffolding. All Excel components are assumed to be acceptable, but must be required to be submitted as part of the product submittal for government approval prior to install.

12. Are the contractors going to be required to provide storage racks for the Excel scaffolding system? Will there be any special requirements of the storage system?

Reply: Storage racks are required and shall be standard Excel Scaffolding System racks.

13. Will a bill of materials for the Aft Area Enclosure scaffolding be required as part of the turnover documentation?

Reply: Bill of materials shall be provided with the O&M required in 01 11 00.

14. Will a written erection plan and procedure be required for the “Excel Scaffolding system” be required as part of the turnover documentation?

Reply: Correct. This information shall be part of the O&M as required in 01 11 00 and should be referenced as part of the fit-up demonstration

15. Drawing G-101 Note 3 indicates the contractor shall be required as part of final completion to demonstrate enclosure fit up within the dry dock, this runs counter to the scope of work which does not indicate erection within the dry dock is required, please confirm if we are to install the enclosure and aft area scaffolding with in the dry dock as part of this contract.

Reply: No work within the dry dock will be allowed – all demonstration/fit-up will be topside in a location TBD based on available project staging areas.

16. Are there preferred vendors of the temporary rolling roof enclosure? Is there any requirement which would exclude a foreign vendor of this equipment?

Reply: The basis of design vendor is Haki. Foreign vendors can not be utilized unless US product is not available - Haki is US product. Safway (rep’s Haki) contact as follows:

Michael Yerardi

Sales Representative

Safway Services LLC

115 Beaver Street

Framingham, MA 01702

Office: [\(508\) 620-8985](tel:5086208985)

Cell: [\(508\) 231-6838](tel:5082316838)

Fax: [\(508\) 620-8915](tel:5086208915)

Email: michael.yerardi@safway.com

17. Reading the bid documents it would appear the intent is for the contractor to fully assemble both the aft area enclosure as well as the modules, these components appear to take up more than the allotted 100' horizontal space referenced in bid option #3, please advise how we are to proceed.

Reply: The space required for assembly will be provided and coordinated with the shipyard. Contractor shall assume area will be available, exact location TBD based on current space planning at time of assembly.

18. Are we to assume the contractor is to provide an engineered "Excel" scaffolding system to support the temporary roof and this will remain property of the government or is the scaffolding system only a temporary fixture for the rolling roof system and to be rented?

Reply: The Contractor is to provide a complete system consisting of the Excel scaffolding, temporary roof, and temporary roof support. All items will remain the property of the Government at the completion of the project.

19.) Steel note 7 on S-001 calls for all steel exposed to weather to be galvanized:

A.) Does this mean that the fixed & moveable roof sections are to be galvanized??

Reply: The movable roof section may be painted per specification 099713.26

B.) Do the roof rails get galvanized only or galv & safety yellow??

Reply: The roof guardrails should be hot dipped galvanized.

C.) Will the drop down platforms be galv or painted??

Reply: Painted per specification 099713.26

20. The structural steel/misc steel specifications & S-001 call out the roof/floor skin plates to be ASTM A786 material (Diamond Plate) with a ¼" min. thickness. Please confirm that these plates will indeed be diamond plate/raised pattern plates. The drawings just show ¼" plate.

Reply: No, the floor plate is not raised pattern. It shall be painted flat floor plate ASTM A36 or equal. The plate shall be painted in accordance with 099713.26. Aluminum oxide grit shall be broadcasted over the fresh first coat of paint for slip resistance. Broadcast the aluminum oxide at a rate of 7 pounds per 1000 square feet.

21. Section C3 on S-506 has a note that the stair rails be removable:

A.) Will these rails be included in the base bid 0003 or option 0002??

Reply: Rails shall be included in the base bid.

B.) Will these rails be Aluminum or Steel??

Reply: Aluminum

C.) Can these rails be base plated & bolted to tops of stringers or will they require a sleeve??

Reply: Base plate and bolts are preferred.

22. Please confirm that the stair mods shown on drawing S-100 is included in base bid 0003.

Reply: Stair modifications shown on S-100 are included in the base bid.

23. Please confirm that all grating is galv only and not painted.

Reply: Yes, galvanized only.

24. Will PNSY require temporary office facilities at the contractors offsite fabrication area?

Reply: No.

25. We are being told by the preferred scaffolding supplier that ancillary hold down cabling will be necessary to be designed into the system, this hold down cabling will need to be anchored into the existing dry dock, the design documents made no reference to these hold downs and have provided no information as to existing conditions or the suitability of existing conditions for such hold downs. Please advise how we are to proceed.

Reply: PNSY prefers that the structure be designed to not utilize any tie down cables or guys and that the structure be designed to resist overturning and upfit without them. Please note that the design should consider that the shipyard intends to remove or lower the scaffolding and roof fabric sheathing if sustained winds are expected to exceed 65mph as noted on Note 11 on drawings A-121 through 126. If guy wires or hold down cables are required they may not be anchored to the dry dock floor but may attached to keel blocks or other form of ballast weight. The contractor shall design and provide the appropriate ballast in coordination with the Shipyard. The contractor shall coordinate the design of the ballast with the rolling roof supplier, scaffolding supplier and the shipyard.

26. We are being told by the preferred temporary roof supplier that ancillary hold down cabling will be necessary to be designed into the system, this hold down cabling will need to be anchored into the existing dry dock, the design documents made no reference to these hold downs and have provided no information as to existing conditions or the suitability of existing conditions for such hold downs. Please advise how we are to proceed.

Reply: PNSY prefers that the structure be designed to not utilize any tie down cables or guys and that the structure be designed to resist overturning and uplift without them. Please note that the design should consider that the shipyard intends to remove or lower the scaffolding and roof fabric sheathing if sustained winds are expected to exceed 65mph as noted on Note 11 on drawings A-121 through 126. If guy wires or hold down cables are required they may not be anchored to the dry dock floor but may be attached to keel blocks or other form of ballast weight. The contractor shall design and provide the appropriate ballast in coordination with the Shipyard. The contractor shall coordinate the design of the ballast with the rolling roof supplier, scaffolding supplier and the shipyard.

27. It is our understanding that the documents required to be submitted with our response are as listed on page 7 of the solicitation. And experience information will not be required until after the responses are opened and an apparent low bidder is identified. Please confirm that our understanding is correct.

Reply:

28. Please confirm that it is NAVFAC's intent to have the contractor test-assemble the scaffold system off site for inspection and then break down the scaffolding and deliver to the site for NAVFAC acceptance.

Reply: Correct. The shipyard requires demonstration of install for inspection prior to breakdown and delivery of system on site.

29. Representatives from Excel Modular Scaffold have indicated that they will not have complete pricing for their scope of work by Wednesday, November 25. Please note the following excerpt from a recent email correspondence from Excel:

"Due to the time restraints Excel cannot provide anything more than scaffold equipment cost and estimated freight cost to ship the scaffold equipment to Maine. A cost to provide estimated engineering cost for PE stamped drawings and calculation for the scaffolding can also be supplied."

"Excel will not have pricing for the erection of the scaffolding system, material and installation cost of the exterior sides of the scaffold, or a coordinated roof price. As this is a proprietary piece of equipment, we request that the due date for the solicitation be extended to December 2 or later to allow Excel to provide a complete price for their scope of work."

Reply: