

Tier 4 Main Engine Conversion Gemini Class

21-009

Addendum #2

14 June 2021

SAN FRANCISCO BAY AREA

**WATER EMERGENCY
TRANSPORTATION AUTHORITY**

SCOPE

This Addendum No. 2 consists of 6 pages with 22 documents. It includes the following:

1. Answers to request for clarification as of 10 June 2021.
2. RFP 021-009 part B Technical Specification section 631.2 will be revised as follows:

631.2 EXTERIOR PAINT - BOOT-TOP and up

The CONTR shall repair all coatings damaged as part of the engine and exhaust system installations. The four (4) vessels in this class are a mix of vinyl films and paint. The GEMINI, PISCES & TAURUS have 3M Vinyl film coating the areas above the waterline except for the areas that are black, those areas are a mixture of paint and vinyl. If the CONTR wants to know exactly which vessels have their black paint a detailed ship check by the CONTR will be required. The SCOPRIO is 100% painted above and below the waterline. The CONTR shall crop out and repair all coatings that are damaged by welding or other means as per the tables below. The SSPC-3 preparation requirement shall apply to all areas where coatings are damaged or not tight such that the SSPC-3 power tool cleaning shall prepare those areas to bare metal with an acceptable profile free of all visible dust dirt, oxides, chlorides, loose coatings and other foreign matter to the satisfaction of the OWNER and the coating manufacturers requirements. All details, products and atmospherics shall be reviewed and approved by the OWNER and the coating system Manufacturer. ~~The 3M ElectroCut Vinyl film called out may be obsolete, the CONTR shall supply to the OWNER the marine grade vinyl film to be used for review and approval. The submission shall be accompanied by a letter of recommendation from the manufacturer or their representative for that film in this application. All vinyl repairs shall as best possibly overlap to provide the best water proof membrane. The top shall lap over the bottom, the forward side shall lap over the aft side.~~

The CONTR shall repair all damaged vinyl films with paint as per table 631-2. All damaged vinyl areas shall be cropped out to clean geometric shape before paint is applied.

Table 631-2 Boot-Top and Up				
Surfaces to Be	Surface Preparation	Coating System	DFT (mils)	Color
Hull Boot-top and up PAINT	<i>High pressure wash 3-4k psi. SSPC-3 with 36grit and SSPC-1 solvent wash post SSPC-3 as per manufacturer's requirements.</i>	1) INTERSHIELD 300V	5.0	Bronze
		2) INTERSHIELD 300V	5.0	Aluminum
		3) INTERTHANE 990HS, 990W37R/A1gl	5.0	Dark Blue
		Or INTERTHANE 990HS, 990W37U/A1gl	5.0	Light Blue
		Or INTERTHANE 990HS, 99037T/A1gl	5.0	Green
			5.0	White
			5.0	Black
Hull Boot-top and up VINYL	Cut out damaged vinyl film, clean and solvent wiper as per 3M Application Instructions for Watercraft, Instruction Bulletin 5.42.	3M ElectroCut Graphie Film #225-20 3M ElectroCut Graphie Film #225-12 3M ElectroCut Graphie Film #225-57 3M ElectroCut Graphie Film #225-37 3M ElectroCut Graphie Film #220-196	N/A	Gloss White Gloss Black Olympic Blue Sapphire Blue Apple Green

3. RFP 021-009 part B Technical Specification section 843 will be revised as follows:

843 STABILITY

The CONTR shall complete a lightship survey after the completion of all installation activities just prior to dock trials. The lightship survey shall take place early in the morning at the CONTR facility when the weather is clear and there is little to no wind. The CONTR shall coordinate with the USCG so they can be present while taking freeboard measurements and documenting the vessels condition for the lightship survey. The CONTR shall provide a small skiff for use in taking freeboard measurements. All personnel will be off the vessel while the lightship survey is taking place. All materials, equipment, tools, lights, extension cords, garbage, dunnage and other items belonging to the shipyard

that are not going to be installed on the vessel shall be removed from the vessel prior to the lightship survey. The CONTR shall ensure that the vessels tanks are in the following condition for the lightship survey:

- Fuel Tanks Full
- DEF Tanks Full
- Water Tank Full
- Sewage Tank Empty
- Hydraulic Tanks Full
- Engines full of fluids

4. Release of contract drawings for existing vessel reference to include:
 - a. 11642-370-001-F-Main Engine Control system.pdf
 - b. 11642-360-001-A-Engine Room Ventilation intake.pdf
 - c. 11642-342-006-Main Engine Exhaust Hangers A&D.pdf
 - d. 11642-342-001-A Main Engine Exhaust A&D.pdf
 - e. 11642-300-001-B SW CLG & Engine Cooling System Diag.pdf
 - f. 11642-310-001-A Propulsion Engine Installation Detail.pdf
 - g. 11641-259-001- HUG SCR Integration.pdf
 - h. 15073-001-320-2-C (dc one line).pdf
 - i. 11642-472-001-C Compressed Air A&D.pdf
 - j. 11642-460-002-B Hydraulic Steering Sys A&D.pdf
 - k. 11642-380-002-F Lube Oil and Urea Tanks.pdf
 - l. 11642-380-001-D Lube Oil & Urea Hull Piping.pdf
 - m. 11642-350-002-C Fuel Oil System.pdf
 - n. 11642-330-002-E Sea Water Cooling.pdf

5. Release of contract drawings for the Repower Engineering to include:
 - a. 2004-259-001-A Gemini Repower Exhaust Assembly.pdf
 - b. 321-Ocean -Flex-Specification-Sheet.pdf
 - c. 2004-261-001-Fuel Oil System Modifications Schematic.pdf
 - d. 2004-256-001-Engine Cooling System Mods Schematic.pdf
 - e. 2004-233-001-Propulsion Engine Installation Detail.pdf
 - f. 2004-313-001-Main Engine Control System.pdf
 - g. Chockfast design guidelines.pdf
 - h. Thermal Isolation Mount W3021.pdf

ACKNOWLEDGMENT BY BIDDER

Each bidder is required to acknowledge receipt of all Addenda, including this Addendum No. 1 as specified in the RFP Instructions to Offerers.

ISSUED BY:

Tim Hanners
Weta

Date

Updates listed below for reference only. Proposer responsible to review all changes made in addendum #2.

No.	Requestor	Question	Proposed Response	RFP Document Reference	RFP Document Revised
1	BSY	Last quarter start?	Refer to Part B of Technical Specificaitons section 921 project schedule. We are currently targeting the September board meeting and the engines are due to arrive in the month of October.	Part B Technical Specification section 921	
2	BSY	Can we dry dock two boats at a time?	No, current expanded schedules starting July 1		
3	BSY	Will BSY be able to ship check the vessel/s?	All proposers can request through communcation procedures outlined in RFP 21-009 to schedule and arrange an inspection based on vessel availability		
4	EBDG	Will the call in details for the pre proposal conference be posted on the solicitation page/ or can you add me to the distribution?	The details of the Zoom Conference are encorporated in Addendum #1	Addendum #1	
5	BSY	For item 245 on page 17, shall the CONTRACTOR be directed to include the cost of a post seal trial docking for the purposes of propeller re-pitching?	No, The existing engine load shall be documented on vessel delivery to the shipyard. That data will be used to degtermine if re-pitching of the propellers are needed for each vessel. There is some varibility between vessels that warrants documentation of full RPM engine load % on delivery to the shipyard for each vessel. There are no plans to adjust pitch after sea trials.		
6	BSY	OWNER VS CONTRACTOR responsibility descriptions appear to conflict in SWBS item 833 on pg41 and SWBS item 843 on pg46. Please clarify who is responsible for conducting the deadweight survey and resulting calculations.	The deadweight survey is the contractors responsibility to perform. Section 843 will be revised to indicate the CONTR is responsible.		