AMENDMENT NO. 1
TO THE
REQUEST FOR PROPOSALS

The Research Corporation of the University of Hawaii
requests proposals for the

2027 DRYDOCK AND MAINTENANCE PERIOD OF THE RESEARCH VESSEL KILO MOANA

dated August 8, 2026,
2024

for the

University of Hawai‘i Marine Center (UHMC)
965 N. Nimitz Hwy Honolulu, HI 96817

September 1, 2026

1. Attachment 1 to this Amendment, " RESPONSES TO OFFEROR’S QUESTIONS KILO MOANA DRYDOCK 2027, dated 09/01/2026)," is hereby formally incorporated into and made a part of this Request for Proposals.

   Except as modified by this Amendment, all other terms, conditions, and provisions of the original Request for Proposals remain unchanged and in full force and effect.

ATTACHMENT 1

RESPONSES TO OFFERORS' QUESTIONS
KILO MOANA DRYDOCK 2027

UNIVERSITY OF HAWAII MARINE CENTER

09/01/2026

Question:	Work Items 2027-11: Please provide paint specs for our reference on the Hull Treatment Works.
Answer:	The vessel's paint specification is found in the shared Google Drive as: Kilo Moana PPG Paint Specification.pdf All coatings including paint for the project shall be Contractor furnished.

Question:	Work Items 2027-12: May we ask if owner can arrange Maker's Service Engineer for the Main Propulsion Motor Works? Please provide the serial number.
Answer:	As per 2027-12 section 1, the contractor is to make arrangements for and provide qualified OEM certified tech. reps. for services requested. The serial numbers are as follows: Port Propulsion Motor: P0001AB-01 Stb Propulsion Motor: P0001AA-01

Question:	Work Items 2027-16: Please provide additional details on the HPU valves to renew.
Answer:	In accordance with 2027-16 section 4, only one HPU valve is to be renewed. The valve as photographed in the spec is a 2.5" brass ball valve rated at 250psi. The scope is to include welding a threaded pipe to the underside of the tank to mount the valve.

Question:	Work Items 2027-24: Ballast tank # 1 & 2 Tanks repair - additional details for the repairs to be done.
Answer:	Please reference the spread sheet: KM_2027_RPF_WI-27 included in the drawings uploaded to the Google Drive.

Question:	Work Items 2027-25: Ballast Tanks # 8 repair - additional details for the repairs to be done.
Answer:	Please reference the spread sheet: KM_2027_RPF_WI-27 included in the drawings uploaded to the Google Drive.

Question:	Work Items 2027-26: Fuel oil Tanks # 2 & 4 - additional details for the repairs to be done.
Answer:	Please reference the spread sheet: KM_2027_RPF_WI-27 included in the drawings uploaded to the Google Drive.

Question:	Work Items 2027-27: Steel repair, Fish plate, Deck Drains, Railings & more - additional details for the repairs to be done.
Answer:	Please reference the spread sheet: KM_2027_RPF_WI-27 included in the drawings uploaded to the Google Drive.

Question:	Work Items 2027-28: 38 kHz ADCP, Science equipment - serial number of the Acoustic Doppler Current Profiler.
Answer:	The serial number is: SN 1071

Question:	Work Items 2027-28: ADCP Water Holding tank - details of the new tank.
Answer:	The approximate size of the tank as seen in the photo in 2027-28 section 5 is: 1500mm by 220mm OD.

Question:	Work Items 2027-29: Sonar room #1 Maintenance - additional details for the repairs to be done.
Answer:	Please reference the spread sheet: KM_2027_RPF_WI-27 included in the drawings uploaded to the Google Drive.

Question:	Work Items 2027-30: Sonar room #2 Maintenance - additional details for the repairs to be done.
Answer:	Preservation work to be completed as per 2027-30 section 3, including any associated item found in the spread sheet: KM_2027_RPF_WI-27 included in the drawings uploaded to the Google Drive.

Question:	Work Items 2027-32: Port Top side steel repair - additional details for the repairs to be done.
Answer:	The repair size is as specified in 2027-32 section 3.1 & 3.2 with each repair requiring the cropping and renewal of approximately 1 square meter. Please note that the removal and reinstallation of interferences are to be included in the scope of work.

Question:	Work Items 2027-33: Stabilizer (Canard) Overhaul – Please provide the serial number.
Answer:	The serial number or ram specification is forthcoming and will be added to the Google Drive.

Question:	Work Items 2027-34: Replacement of Kongsberg EM122 Multibeam Sonar Array with new EM124 System - additional details for the repairs to be done.
Answer:	Additional information is still forthcoming and will be distributed prior to the bid award or issued as an amendment to the RFP as contemplated in Work Item 2027-34, Section 8.

Question:	PARAGRAPH / SECTION NO: TITLE: 1.3 Schedule of Key Dates Schedule of Key Dates list the following: Services Start Date (Tentative): April 1, 2027 to no later than May 21, 2027 The schedule additionally lists the following dates: Estimated Vessel location on: May 12, 2027: Guam Estimated Vessel location on: May 5, 2027: Honolulu Expected Redelivery date: 50 days after Service start day **Question:** Contractor is unsure what the dates listed of 5/12/27 for Guam and 5/5/27 for Honolulu vessel locations to be used for schedule compliance? Please advise how these dates affect the overall shipyard availability given the tentative service start date of 4/1/27 – 5/21/27.
Answer:	The vessel location and estimated dates were provided for reference as potential starting points for transits to the shipyard, with the goal of supporting a May 21, 2027 start date. Bidders should provide their available service dates for their respective yards.

Question:	SPECIFICATION ITEM NO.: 2027-05 Steel Renewal Wet Deck/Center Void PARAGRAPH / SECTION NO: 2 Reference **Question**: The following references could not be found in solicitation package. VAS Kilo Moana - WetDk-Haunch Plating_ABS Min Thickness Glosten RV Kilo Moana Wet Deck Repair Plan Deferment_Rev(-) SLEP Report KILO MOANA Rev – Please advise if these can be supplied.
Answer:	These drawings will be added to the Google Drive and published concurrently.

Question:	SPECIFICATION ITEM NO.: 2027-27 Steel repair, Fish plate, Deck Drains, Railings & more PARAGRAPH / SECTION NO: 2 Reference 2.11 **Question**: The following reference could not be found in solicitation package. Work Item 2027-27 Detailed Work List Please advise if this can be supplied.

Answer:	Please reference the spread sheet: KM_2027_RPF_WI-27 included in the drawings uploaded to the Google Drive.

Question:	SPECIFICATION ITEM NO.: 2027-10, Tail Shafts, Rudders, Bearing Readings PARAGRAPH / SECTION NO: 3,B, & 4 **Question**: Specification directs contractor to use feeler gauge for propulsion shaft bearing clearances. Contractor believes this can be done with wear down gauge tool. Additionally, item calls for Neuver Tech rep to be present for rudder clearances. Please confirm shaft clearances can be accomplished with wear down gauge tool provided by ship and the Tech rep will not be required for rudder stock measurement.
Answer:	The shaft wear down readings can be taken through use of the Chief Engineer provided wear down gauge tool. Feeler gauges may be used to measure rudder clearances. Guidance and consultation with a Neuver Tech Rep is mandatory as per 2027-10 section 3E, however, with their approval, readings can be made independently. All other repairs or maintenance is to be performed with Neuver tech rep oversite.

Question:	SPECIFICATION ITEM NO.: 2027-14, Open, Clean and Inspect Fuel and Miscellaneous Tanks PARAGRAPH / SECTION NO: 6 **Question**: Specification is requesting unit pricing that is not shown on price sheet for submittal. Appendix D work Items Cost Breakdown does not have the unit pricing breakdown broken out as per the WI 2027-14 specification format. The following is being asked to be priced as a unit price per the specification format: 6. Notes Unit Pricing USD, (to be filled in by Contractor): Unit cost per gallon of disposal of oily waste/waste oil: Unit cost per gallon of disposal of sewage: Unit cost to perform air test on a tank: Unit cost for each subsequent air test (per tank): Please advise how the pricing would like to be submitted.
Answer:	The Contractor to breakout unit pricing in the "comment" section of Appendix D.

Question:	SPECIFICATION ITEM NO.: 2027-15, Sea Water Piping Cleaning, Repair, Strainer Overhaul PARAGRAPH / SECTION NO: 6 **Question**:

	Specification is requesting unit pricing that is not shown on price sheet for submittal. Appendix D work Items Cost Breakdown does not have the unit pricing breakdown broken out as per the WI 2027-15 specification format. The following is being asked to be priced as a unit price per the specification format: 6. Unit Rates for Additional Work Scope (Pro-Rata Options) The following rates must include all labor, cropping, fit-up, welding, consumables, staging, gas- freeing, fire watch, NDT, preparation, inspections, and painting. Category Description Unit of Measure Unit Rate (USD) Plating Additional Steel Pipe Renewal diameter 1" to 4" Per Kilogram (kg) $ Plating Additional Steel Pipe Renewal diameter 5" to 8" Per Kilogram (kg) $ Plating Additional Heavy Pipe Renewal diameter 1" to 4" Per Kilogram (kg) $ Plating Additional Heavy Pipe Renewal diameter 5" to 8" Per Kilogram (kg) $ Surface Prep Additional Rust preservation SSPC-SP 10, Pipe internal and external Per Linear Meter (m) $ Surface Prep Additional Rust preservation SSPC-SP 11, Pipe internal and external Per Linear Meter (m) $ Testing Additional Dye Penetrant (DP) or Magnetic Particle (MPI) Per Meter of Weld $ Please advise how the pricing would like to be submitted.
Answer:	The Contractor to breakout unit pricing in the "comment" section of Appendix D.

Question:	SPECIFICATION ITEM NO.: 2027-18, Port Stack Steel Repair PARAGRAPH / SECTION NO: 5

	Question: Specification is requesting unit pricing that is not shown on price sheet for submittal. Appendix D work Items Cost Breakdown does not have the unit pricing breakdown broken out as per the WI 2027-18 specification format. The following is being asked to be priced as a unit price per the specification format: 5. Unit Rates for Additional or Deletion Work Scope (Pro-Rata Options) The following rates must include all labor, cropping, fit-up, welding, consumables, staging, gas-freeing, fire watch, NDT, preparation, inspections, and painting. Category Description Unit of Measure Unit Rate (USD) Plating Additional Steel Plate Renewal (up to 15mm thickness), deck and bulkhead Per Kilogram (kg) $ Plating Additional Heavy Plate Renewal 15mm to 25mm thickness), deck and bulkhead Per Kilogram (kg) $ Stiffener Additional T-Bar Stiffener Renewal Per Linear Meter (m) $ Angle Iron Additional Angle Iron Renewal Per Linear Meter (m) $ Electrical Additional Electrical repair and wiring Per Linear Meter (m) $ Duct Additional Duct work including new insulation Per Linear Meter (m) $ Surface Prep Additional Rust preservation SSPC-SP 11 Per Square Meter (m2) $ Please advise how the pricing would like to be submitted.
Answer:	The Contractor to breakout unit pricing in the "comment" section of Appendix D.

Question:	SPECIFICATION ITEM NO.: 2027-20, Main Mast Replacement PARAGRAPH / SECTION NO: 5

	Question: Specification is requesting unit pricing that is not shown on price sheet for submittal. Appendix D work Items Cost Breakdown does not have the unit pricing breakdown broken out as per the WI 2027-20 specification format. The following is being asked to be priced as a unit price per the specification format: 5. Notes Unit Pricing USD, (to be filled in by Contractor): X-Band radar wiring cost per meter: _____ S-Band radar wiring cost per meter: _____ Navigation Light cable cost pr meter: _____ Please advise how the pricing would like to be submitted.
Answer:	The Contractor to breakout unit pricing in the "comment" section of Appendix D.

Question:	SPECIFICATION ITEM NO.: 2027-21, Forward 04 deck Navigation Mast Replacement PARAGRAPH / SECTION NO: 5 **Question**: Specification is requesting unit pricing that is not shown on the price sheet for submittal. Appendix D work Items Cost Breakdown does not have the unit pricing breakdown broken out as per the WI 2027-21 specification format. The following is being asked to be priced as a unit price per the specification format: 5. Notes Unit Pricing USD, (to be filled in by Contractor): Navigation Light cable cost per meter:_____ Pricing Note: The Contractor shall include all costs associated with the installation of the Owner-furnished bridge navigation light alarm panel and the services of a certified compass adjuster for compass calibration in one (1) mast Work Item only. These costs shall not be duplicated or distributed among the remaining mast Work Items. The Contractor shall clearly identify the Work Item in which these costs are included. Please advise how the pricing would like to be submitted.
Answer:	The Contractor to breakout unit pricing in the "comment" section of Appendix D.

Question:	SPECIFICATION ITEM NO.: 2027-22, Aft Navigation Mast Replacement PARAGRAPH / SECTION NO: 5 **Question**: Specification is requesting unit pricing that is not shown on price sheet for submittal. Appendix D work Items Cost Breakdown does not have the unit pricing breakdown broken out as per the WI 2027-22 specification format.

	The following is being asked to be priced as a unit price per the specification format: 5. Notes Unit Pricing USD, (to be filled in by Contractor): Navigation Light cable cost per meter:_____ Pricing Note: The Contractor shall include all costs associated with the installation of the Owner-furnished bridge navigation light alarm panel and the services of a certified compass adjuster for compass calibration in one (1) mast Work Item only. These costs shall not be duplicated or distributed among the remaining mast Work Items. The Contractor shall clearly identify the Work Item in which these costs are included. Please advise how the pricing would like to be submitted.
Answer:	The Contractor to breakout unit pricing in the "comment" section of Appendix D.

Question:	SPECIFICATION ITEM NO.: 2027-23, Canard RM #1 / Bow Thruster room Maintenance PARAGRAPH / SECTION NO: 6 **Question**: Specification is requesting unit pricing that is not shown on price sheet for submittal. Appendix D work Items Cost Breakdown does not have the unit pricing breakdown broken out as per the WI 2027-23 specification format. The following is being asked to be priced as a unit price per the specification format: 6. Unit Rates for Additional and Deletions Work Scope (Pro-Rata Options) The following rates must include all labor, cropping, fit-up, welding, consumables, staging, gas-freeing, fire watch, NDT, preparation, inspections, and painting. Category Description Unit of Measure Unit Rate (USD) Plating Additional Steel Plate Renewal (up to 15mm thickness) Per Kilogram (kg) $ Plating Additional Heavy Plate Renewal 15mm to 25mm thickness) Per Kilogram (kg) $ Plating Clad welding Per Square DeciMeter (dm2) $ Frame Additional Frame Renewal Per Linear Meter (m) $

	Stiffener Renewal Per Linear Meter (m) $ Angle Iron Deck plating support angel Renewal Per Linear Meter (m) $ Surface Prep Additional Rust preservation SSPC-SP 10 Per Square Meter (m2) $ Surface Prep Additional Rust preservation SSPC-SP 11 Per Square Meter (m2) $ Testing Additional Weld inspection (DP) (MPI) (Vacbox) Per Meter of Weld $ Please advise how the pricing would like to be submitted.
Answer:	The Contractor to breakout unit pricing in the "comment" section of Appendix D.

Question:	SPECIFICATION ITEM NO.: 2027-27, Steel repair, Fish plate, Deck Drains, Railings more PARAGRAPH / SECTION NO: 7 **Question**: Specification is requesting unit pricing that is not shown on price sheet for submittal. Appendix D work Items Cost Breakdown does not have the unit pricing breakdown broken out as per the WI 2027-27 specification format. The following is being asked to be priced as a unit price per the specification format: 7. Unit Rates for Additional and Deletions Work Scope (Pro-Rata Options) The following rates must include all labor, cropping, fit-up, welding, consumables, staging, gas- freeing, fire watch, NDT, preparation, inspections, and painting. Category Description Unit of Measure Unit Rate (USD) Plating Additional Steel Plate Renewal (up to 15mm thickness) Per Kilogram (kg) $ Plating Additional Heavy Plate Renewal (15mm to 25mm thickness) Per Kilogram (kg) $

	Fishplates Additional Fishplate / Flat Bar Stiffener Renewal Per Linear Meter (m) $ Fishplates Additional Fishplate / Half Round Bar Stiffener Renewal Per Linear Meter (m) $ Stiffener Additional T-Bar Stiffener Renewal Per Linear Meter (m) $ Railings Additional Complete Handrail System (Stanchion + Rails) Per Linear Meter (m) $ Railings Top-rail or Mid-rail Pipe Replacement only (No. stanchions) Per Linear Meter (m) $ Railings Single Stanchion Replacement only Per Piece (pc) $ Kickpipe Additional Kick-pipe Renewal (from 19 to 40mm) Per Piece (pc) $ Kickpipe Removal / patch of abandon Kick-pipe and/or bulkhead wire penetration (0-40mm) Per Piece (pc) $ Surface Prep Additional Rust preservation SSPC-SP 11 Per Square Meter (m2) $ Testing Additional Dye Per Meter of Weld $ Penetrant (DP) or Magnetic Particle (MPI) Please advise how the pricing would like to be submitted.
Answer:	The Contractor to breakout unit pricing in the "comment" section of Appendix D.

Question:	SPECIFICATION ITEM NO.: 2027-29, Sonar room #1 Maintenance

	PARAGRAPH / SECTION NO: 6 **Question**: Specification is requesting unit pricing that is not shown on price sheet for submittal. Appendix D work Items Cost Breakdown does not have the unit pricing breakdown broken out as per the WI 2027-29 specification format. The following is being asked to be priced as a unit price per the specification format: 6. Unit Rates for Additional and Deletions Work Scope (Pro-Rata Options) The following rates must include all labor, cropping, fit-up, welding, consumables, staging, gas- freeing, fire watch, NDT, preparation, inspections, and painting. Category Description Unit of Measure Unit Rate (USD) Plating Additional Steel Plate Renewal (up to 15mm thickness) Per Kilogram (kg) $ Plating Additional Heavy Plate Renewal (15mm to 25mm thickness) Per Kilogram (kg) $ Plating Clad welding Per Square DeciMeter (dm2) $ Frame Additional Frame Renewal Per Linear Meter (m) $ Stiffener Additional Stiffener Renewal Per Linear Meter (m) $ Surface Prep Additional Rust preservation SSPC-SP 10 Per Square Meter (m2) $ Surface Prep Additional Rust preservation SSPC-SP 11 Per Square Meter (m2) $ Testing Additional Weld inspection f.ex (DP) (MPI) (Vacbox) Per Meter of Weld $

	Please advise how the pricing would like to be submitted.
Answer:	The Contractor to breakout unit pricing in the "comment" section of Appendix D.

Question:	SPECIFICATION ITEM NO.: 2027-30, Sonar room #2 Maintenance PARAGRAPH / SECTION NO: 6 **Question**: Specification is requesting unit pricing that is not shown on price sheet for submittal. Appendix D work Items Cost Breakdown does not have the unit pricing breakdown broken out as per the WI 2027-30 specification format. The following is being asked to be priced as a unit price per the specification format: 6. Unit Rates for Additional and Deletions Work Scope (Pro-Rata Options) The following rates must include all labor, cropping, fit-up, welding, consumables, staging, gas- freeing, fire watch, NDT, preparation, inspections, and painting. Category Description Unit of Measure Unit Rate (USD) Plating Additional Steel Plate Renewal (up to 15mm thickness) Per Kilogram (kg) $ Plating Additional Heavy Plate Renewal (15mm to 25mm thickness) Per Kilogram (kg) $ Plating Clad welding Per Square DeciMeter (dm2) $ Frame Additional Frame Renewal Per Linear Meter (m) $ Stiffener Additional Stiffener Renewal Per Linear Meter (m) $ Surface Prep Additional Rust preservation SSPC-SP 10 Per Square Meter (m2) $ Surface Prep Additional Rust preservation SSPC-SP 11 Per Square Meter (m2) $ Testing Additional Weld inspection f.ex (DP) (MPI) (Vacbox)

	Per Meter of Weld $ Please advise how the pricing would like to be submitted.
Answer:	The Contractor to breakout unit pricing in the "comment" section of Appendix D.

Question:	SPECIFICATION ITEM NO.: 2027-31, Insulation repair PARAGRAPH / SECTION NO: 5 **Question**: Specification is requesting unit pricing that is not shown on price sheet for submittal. Appendix D work Items Cost Breakdown does not have the unit pricing breakdown broken out as per the WI 2027-31 specification format. The following is being asked to be priced as a unit price per the specification format: 5. Unit Rates for Additional or Deletion Work Scope (Pro-Rata Options) (To Be Used as Required): Contractor shall provide unit rates for the following additional work. The following rates must include all labor, cropping, fit-up, welding, consumables, staging, gas-freeing, fire watch, NDT, preparation, inspections, and painting: Item Description Unit Unit Rate (USD) A Repair of ceiling panel finish Per Square Meter (m2) $ B Repair of adjacent ceiling panel finish Per Square Meter (m2) $ C Additional ceiling renewal Per Square Meter (m2) $ D Renewal of duct Insulation Per Linear Meter (m) $ E Renewal of Pipe Insulation Per Linear Meter (m) $ F Renewal of Ceiling Insulation, white canvas covered Per Square Meter(m2) $

	G Renewal of Bulkhead Insulation, white canvas covered Per Square Meter (m2) $ H Additional steel/aluminum fabrication required for installation Hour $ I Access/scaffold required beyond normal accommodation access. Day $ Please advise how the pricing would like to be submitted.
Answer:	The Contractor to breakout unit pricing in the "comment" section of Appendix D.

Question:	SPECIFICATION ITEM NO.: 2027-32, Port Top side steel repair PARAGRAPH / SECTION NO: 3.1 (Option 1), 3.2 (Option 2) & 4 (Unit Rates) **Question**: Specification is requesting 2 options for repair as well as unit pricing that is not shown on price sheet for submittal. Appendix D work Items Cost Breakdown does not have the 2 option items and unit pricing breakdown broken out as per the WI 2027-32 specification format. The following is being asked to be priced as an options price per the specification format: Option 1, indent Port Side, Main deck, ~frame 17: Option 2, indent Port Side, Main deck, ~frame 26: The following is being asked to be priced as a unit price per the specification format: 5. Unit Rates for Additional or Deletion Work Scope (Pro-Rata Options) (To Be Used as Required): The following rates must include all labor, cropping, fit-up, welding, consumables, staging, gas-freeing, fire watch, NDT, preparation, inspections, and painting. Category Description Unit of Measure Unit Rate (USD) Plating Additional Steel Plate Renewal (up to 15mm thickness) Per Kilogram (kg) $ Plating Additional Heavy Plate Renewal (15mm to 25mm thickness) Per Kilogram (kg) $ Plating Clad welding Per Square DeciMeter (dm2) $

	Stiffener Additional Stiffener Renewal Per Linear Meter (m) $ Frame Additional Frame Renewal Per Linear Meter (m) $ Surface Prep Additional Rust preservation SSPC-SP 11 Per Square Meter (m2) $ Testing Additional Dye Penetrant (DP) or Magnetic Particle (MPI) Per Meter of Weld $ Please advise how the pricing would like to be submitted.
Answer:	The Contractor to breakout unit pricing in the "comment" section of Appendix D.

Question:	SPECIFICATION ITEM NO.: 2027-20, 21, 22, Main, Forward and Aft Mast Renewal PARAGRAPH / SECTION NO: All **Question**: Please provide electrical info to renew all cables, cable type, lengths, etc.
Answer:	The available associated as built drawings are stored in the reference drawings Google Drive folder.

Question:	SPECIFICATION ITEM NO.: 2027-16, Hydraulic Oil system, HPU # 1 - 2 PARAGRAPH / SECTION NO: 4 K. **Question**: Please provide hydraulic system capacity
Answer:	The hydraulic holding tank is 142 gallons. With the inclusion of all other system components, the full hydraulic system capacity is approximately 200 gallons.

Question:	SPECIFICATION ITEM NO.: 2027-23 CANARD ROOM #1 / BOW THRUSTER ROOM MAINTENANCE PARAGRAPH / SECTION NO: 3 **Question**: After review of canard / thruster space #1, contractor does not recommend sand or water blasting due to high potential of equipment damage that cannot be removed as interference. The contractor recommends mechanical prep to SP-11. Please concur with contractor's recommendation.
Answer:	Please bid this item to the required spec. The bidder may add this suggestion in the "comment section" and include the separate quote.

Question:	SPECIFICATION ITEM NO.: 2027-31 INSULATION REPAIRS PARAGRAPH / SECTION NO: 3, 4a, 4b **Question**: Work description in paragraph 4a, 4b only defines what to do in two of the seven areas of location. Please provide details of scope of work in the following locations: 4. Hydro Lab, Chemistry Lab and, Renew ceiling and pipe insulation 5. Winch/ Wire Room Winch/ Wire Bay Renew ceiling and pipe insulation 6. Dry Store # 3, GSM # 3- 5 Renew ceiling and pipe insulation 7. Fan room # 3 Pipe insulation (OFM)
Answer:	The work description provided in Section 4 of Work Item 2027-31 applies to all spaces listed in Section 3 of Work Item 2027-31. Ceiling tile removal is only applicable to spaces where ceiling tiles are present.

Question:	SPECIFICATION ITEM NO.: 2027-04 VOID INSPECTION AND TESTING PARAGRAPH / SECTION NO: 5 **Question**: Specification is requesting unit pricing that is not shown on price sheet for submittal. Additionally, unit price per liter of float coat is not a viable unit as it is purchased in drum with shipping a major component of this cost. Appendix D work Items Cost Breakdown does not have the unit pricing breakdown broken out as per the WI 2027-04 specification format. The following is being asked to be priced as a unit price per the specification format: 5. Pricing The Contractor shall provide pricing for work described in this Work Item including: 1. Unit price per Liter use of new float coat (material only). 2. Unit price per Meter weld repair (labor only). Please advise how pricing would like to be submitted.

Answer:	The Contractor to breakout unit pricing in the "comment" section of Appendix D.

Question:	SPECIFICATION ITEM NO.: 6. GENERAL SERVICES PARAGRAPH / SECTION NO: 6.1 – 6.14 **Question**: Specification is requesting services in several paragraphs that do not have price sheet sections to provide quotation. Of the services that are in this section on the price sheet are in units and will not reflect total cost for availability. Recommend adding a service item for lump sum of these services for shipyard avail and will include missing sections for the following: Mooring lines Pumping equip Docking plugs Bilge and slop disposal Sewage Please advise how pricing would like to be submitted.
Answer:	This shall be included as part of the Day rate at the yard, as it is a general service requirement.

Question:	SPECIFICATION ITEM NO.: 2027-6 ANCHOR AND CHAIN GAUGE AND COAT PARAGRAPH / SECTION NO: 4 **Question**: Specification is requesting optional pricing in paragraph 4. Appendix D work Items Cost Breakdown does not have the optional pricing breakdown broken out as per the WI 2027-6 specification format. The following scope of work is optional to the base scope of work for this WI: 3.1. OPTIONAL Item – Chain Locker Cleaning and Inspection A. Open port and starboard chain lockers, provide safe for entry certificates. Rig chain locker access ladders from manhole to the bottom of the chain lockers, (the Vessel's chain lockers do not have internal steps). Thoroughly clean Port and Starboard chain lockers to eliminate accumulated sediments and any potential accompanying invasive species or pollutants. CHECK POINT – Owner's Representative inspection of chain lockers. B. Provide Owner's Representative with an Inspection Report that verifies this item. C. Remove chain locker "dewatering drain/ bilge valve" from Port and Starboard chain locker and hydro test the valve according to ABS requirements, as part of Work Item # 2027-07. Reinstall valves, with new gaskets and hardware, after hydro test is passed. Contractor to ensure pipe is open and free of foreign objects and obstacles before valves are reinstalled. CHECK POINT - Inspection of valve hydro test, and that the drain pipe is clear. D. Wash, scrape, and clean the chain lockers and rose boxes, free of sediments and/or living organisms.

	E. Paint the chain lockers, rose boxes, and chain with Contractor provided "Fluid Film" Liquid A (Eureka Chemical). F. Reconnect the anchor chains to the bitter ends, store the chain, and house the anchors. Fake out the chain in the locker to ensure it will run free when released. 4. Pricing Option A. If conditions are found that certain shots of chain require replacement, after written approval from Owner's Representative, Contractor to purchase correct size and type chain and required links with supplied ABS Certifications and replace. Offeror to bid this as Option Lot Price, listing cost per shot, including new connecting links, including installation and paint according to specification. B. The Contractor shall price No. 3.1 as a separate Optional item, which may be activated only upon written approval by the Owner's Representative. C. The Contractor shall provide a separate price for grid blasting of the port and starboard chain lockers to a Commercial Blast standard (SSPC-SP6) prior to coating application. Pricing shall include all labor, equipment, containment, surface preparation, cleaning, disposal, and associated work required to complete the blasting and preparation in accordance with the specified standard. Please advise how pricing would like to be submitted.
Answer:	Pricing for the base work scope shall include all work identified in Work Item 2027-06, Section 3. The optional work scope identified in Section 3.1 shall be priced separately and entered in the comments section of Appendix D for the applicable work item.

Question:	SPECIFICATION ITEM NO.: 2027-7 CRITICAL VALVE INSPECTION PARAGRAPH / SECTION NO: 7 **Question**: Specification has pricing options in paragraph 7. Appendix D work Items Cost Breakdown does not have the optional pricing breakdown broken out as per the WI 2027-7 specification format. The following scope of work is optional to the base scope of work for this WI: 7. Pricing Option The Contractor shall provide a separate optional price for the replacement of the existing 350 mm gate valve serving HPR 418, located in the No. 2 Pump Room. This optional price shall be submitted in addition to the base proposal and shall only be exercised, with the Owner's Representative's written approval, in the event that overhaul of the existing valve is determined to be unsuccessful or not feasible. The removal and reinstallation of the existing 350mm valve are included in the base scope of work for this Work Item and shall not be included in the optional price. The optional replacement scope shall therefore be limited to the supply of a new 350 mm gate valve of equivalent ABS approved type, including all associated certification, documentation and commissioning. Please advise how pricing for this would like to be submitted.

Answer:	Correct. The removal, overhaul, and reinstallation of the existing 350 mm gate valve is included in the base scope. Renewal of the 350 mm valve shall be priced as an optional item and entered in the Comments section of Appendix D for the applicable work item.

Question:	SPECIFICATION ITEM NO.: 1.3 SCHEDULE OF KEY DATES PARAGRAPH / SECTION NO: 1.3 **Question**: The following identified issues and circumstances are impacting contractors ability to meet the Closing Date for Receipt of Proposals of Sep 9, 2026 17:00 (UTC-10): Contractor conducted a ship check of the Kilo Moana on to verify and validate the scope of work based on the repair specifications provided by the Research Corporation of the University of Hawaii (RCUH) in order to provide them with a fixed price proposal for the upcoming FY27 repair availability. While conducting the ship check to ascertain the scope of work, contractor was able to identify some issues that the contractor will need to be resolved in order to price and incorporate into our proposal. As a result of the ship check, contractor has submitted (22) Bidders questions in order to clarify scope, quantify of work or identify issues in how the scope of work should be priced and incorporated into the proposal. Contractor was not able to resolve all the questions we require in order to provide a detailed proposal during the ship check. In many instances the specification does not delineate or give adequate information such as square footage for contractor to price. Contractor is in the process of doing takeoffs from the available drawings where the information is not specified or adequate in order to provide pricing. The takeoffs additionally will need to be dispersed to our subcontractors and OEM's for pricing as well. The current Schedule of Key Dates list the following: ● Closing Date for Receipt of Offeror Questions: Aug 28, 2026 17:00 (UTC-10) ● Closing Date for Posting Responses to Questions: Sep 1, 2026 17:00 (UTC-10) ● Closing Date for Receipt of Proposals: Sep 9, 2026 17:00 (UTC-10) The current time constraint between the questions response deadline of 9/1/26 and the proposal due date deadline of 9/9/26 leaves 7 business days with a holiday weekend included to incorporate all the issues described above into our proposal. Please consider the following: Due to numerous questions, clarifications and takeoffs required in order to submit a comprehensive proposal, contractor is requesting a 2 week extension to the original due date of 9/9/26 to 9/23/26.

	Contractor believes this additional time is needed for RCUH to respond to all clarifications and contractors to incorporate those responses into their proposal which may include subcontractors and/or technical representatives input. Contractor believes by granting an extension, the extension will have no impact to the shipyard service start date as it is tentatively slated to start April 1, 2027 to no later than May 21, 2027. Furthermore, contractor believes that by granting an extension to the proposal due date, RCUH will afford all offerors the opportunity to resolve ambiguous issues ultimately benefiting RCUH and the overall selection process.
Answer:	RCUH has extended the Closing Date for Receipt of Proposals to Sep. 18, 2026.

Question:	SPECIFICATION ITEM NO.: 2027-10, Tail Shafts, Rudders, Bearing Readings. PARAGRAPH / SECTION NO: 1.3 The spec states: "The Steering Gear system including rudder pintle is be part of this 5-year Special Survey."..... Can the solicitor list, in detail, any and all planned inspection of the steering gear system, 5 year special surveys?.....Please note the contractor has reviewed the referenced drawings and the blade style rudder employed on the vessel does not have a pintle. **Question**: Can the solicitor list, in detail, any and all planned inspection of the steering gear system, 5 year special survey?.....Also please note, the contractor has reviewed the referenced drawings and the blade style rudder employed on the vessel does not have a pintle.
Answer:	The contractor is to complete all inspections/surveys of the steering gear system as required in the American Bureau of Shipping (ABS) Rules for Survey After Construction (Part 7).

Question:	SPECIFICATION ITEM NO.: 2027-33, Stabilizer (Canard) Overhaul PARAGRAPH / SECTION NO: 4.C The spec states: "Contractor to overhaul the hydraulic bout cylinder, with new seals, and overhaul starboard ram and re-chromed to ensure reliable leak free operation." **Question**: Can the solicitor Provide the technical data of each cylinder with dimensional drawings so a proper estimate may be made?

Answer:	The serial number or ram specification is forthcoming and will be added to the Google Drive.

Question:	2027-06 Anchor Chain Gage and Coat Para. 3.1 to perform Chain locker cleaning and Inspection is optional work scope. This option is not reflected in the Pricing sheet. Can your team provide an updated pricing sheet to include this work as independent of the base work scope under item 2027-06?
Answer:	Pricing for the base work scope shall include all work identified in Work Item 2027-06, Section 3. The optional work scope identified in Section 3.1 shall be priced separately and entered in the comments section of Appendix D for the applicable work item.

Question:	2027-07 Critical Valve Inspection and repairs Para. 7 to perform 350MM Valve replacement. This option is not reflected in the Pricing sheet. Can your team provide an updated pricing sheet to include this work as independent of the base work scope under item 2027-07?
Answer:	The removal, overhaul, and reinstallation of the existing 350 mm gate valve is included in the base scope. Renewal of the 350 mm valve shall be priced as an optional item and entered in the Comments section of Appendix D for the applicable work item.

Question:	2027-27 Steel Repair; fish plate; deck drains Para 4.4 states "All work to be carried out in accordance with USCG / ABS and OEM requirements" Can the customer provide the desired OEM name or determine typo in spec?
Answer:	Each hatch cover will have its own maintenance and repair instructions provided by the OEM. This information should be readily available, however, if it is not, IACS Recommendation No. 47 "Shipbuilding and Repair Quality Standard" may be used provided that USCG and ABS are satisfied with its application..

Question:	2027-32 Port Topside Steel Repairs Para. States "If the Owner activates this Work Item, either Option 1 (Section 3), Option 2 (Section 4), or both, Contractor is required to complete all related requirements of this Work Item and coordinate this Work Item with all other affected Work Items, including Work Item 2027-17 & 2027-25 or any other related Work Items" **Question: 1** Does the invocation of Item 2027-32 automatically include the invocation of optional item 2027-25? **Question 2:** Can

	your team provide a pricing sheet in which options 2 is a separate item independent of option 1?
Answer:	Question 1: No. Invocation of Work Item 2027–32 does not automatically include the invocation of optional Item 2027–25 or any other optional work items. Question 2: The pricing entered in Appendix D for Work Item 2027–32 shall include all work described in Sections 3.1 and 3.2. However, if the contractor prefers to provide separate pricing for Sections 3.1 and 3.2, they may do so in the Comments section of Appendix D for the associated work item.

Question:	OPT 2027-16 S18I056-01501-Model/ S18I056-05102-Model/ S18I056-05103-Model/ S18I056-05104-Model Please provide reference
Answer:	These drawings will be added to the Google Drive and published concurrently.

Question:	OPT 2027-16 S18I056_05-14-19_113730768 Please provide reference
Answer:	This drawing will be added to the Google Drive and published concurrently .

Question:	2027-10 Installation manual for Kobelco {Kemel} Eagle EVK2RV 350 seal assemblies PDF) Please provide reference
Answer:	This manual will be added to the Google Drive and published concurrently .

Question:	2027-1 ABS Requirements - Drydocking Survey Please provide reference
Answer:	This reference is readily available online in the American Bureau of Shipping (ABS) Rules for Survey After Construction (Part7).

Question:	2027-1 ABS Requirements -Special Periodical Survey Please provide reference
Answer:	This reference is readily available online in the American Bureau of Shipping (ABS) Rules for Survey After Construction (Part7).

Question:	2027-6 Shipboard Certificates. Please provide reference
Answer:	These certificates will be added to the Google Drive and published concurrently.

Question:	2027-5 SLEP Report KILO MOANA Rev – Please provide reference
Answer:	This report will be added to the Google Drive and published concurrently.

Question:	2027-5 VAS Kilo Moana - WetDk-Haunch Plating_ABS Min Thickness Please provide reference
Answer:	This report will be added to the Google Drive and published concurrently.

Question:	2027-31 OPTIONAL WORK ITEM 2027-31 INSULATION REPAIRS Can the customer provide the approximate SQRFT of insulation is all spaces listed in the work item?
Answer:	The work description provided in Section 4 of Work Item 2027-31 applies to all spaces listed in Section 3 of Work Item 2027-31. Ceiling tile removal is only applicable to spaces where ceiling tiles are present.

Question:	2027-33 Stabilizer (canard) Overhaul OEM requests more information on the nature of control panel faults. OEM notes that Faulty PLCs are not supported by the manufacturer. OEM request level of control required by vessel.
Answer:	The required level of control is described in Work Item 2027-33, Section 4D, which specifies both local and bridge control. At this time, the exact number and type of faults are unknown. The contractor shall be guided by Section 5 and provide pricing for both repair options described therein. Both options shall be included in the Comments section of Appendix D for the associated work item.

Question:	2027-33 Stabilizer (canard) Overhaul Note 5 requires separate pricing: can the customer provide guidance on how to price Item given current pricing sheet.

Answer:	The contractor shall be guided by Section 5 and provide pricing for both repair options described therein. Both options shall be included in the Comments section of Appendix D for the associated work item. The contractor may use either option as the base item price but shall clearly identify which option has been used as the base in the Comments section of Appendix D for the associated work item.

Question:	2027-27 Steel Repair; fish plate; deck drains Can the customer provide lineal footage of fish plate and hand rail repairs ?
Answer:	Please reference the spread sheet: KM_2027_RPF_WI-27 included in the drawings uploaded to the Google Drive.

Question:	2027-27 Steel Repair; fish plate; deck drains Can the customer provide the number of hatch covers and their dimensions?
Answer:	Please reference the drawings uploaded to the Google Drive.

Question:	2027-27 Steel Repair; fish plate; deck drains Can the customer provide locations of and type of vertical Stiffeners, and Dimensions, material type?
Answer:	Please reference the spread sheet: KM_2027_RPF_WI-27 included in the drawings uploaded to the Google Drive.

Question:	2027-28 38KHZ ADCP, Science Equipment Paragraph requires completion of optional Work Item 2027-27 to be completed before reinstallation of equipment; Spec 2027-27 seems to be unrelated as located in different areas. Can you customer clarify the intent of para. 6A:
Answer:	Please refer to reference 2.11 of Work Item 2027-27 (spread sheet: KM_2027_RPF_WI-27) for work that is related to, or performed near, Work Item 2027-28.

Question:	2027-28 38KHZ ADCP, Science Equpiment Para. 10D requires Ref. 2.1 as guidance. Prior work statement under para. 5 only requires head tank, valve replace and preservation. It does not cover all materials in reference 2.1. Can the customer please specify the intention of the work spec and nature of required materials?
Answer:	Para 10D requires Ref. 2.1 to be used in case during the course of work of para. 5 and all other items contained in 2027-28 any damages are to be rectified. These

	damages shall be consistent with Ref. 2.1 including the acoustic window and transducer.

Question:	2027-29 Sonar Room No. 1 Can the Customer please provide SQFT or specific areas for paint; IE bilge, overheads, bulkheads, or entire area?
Answer:	The contractor may derive an approximate area from the scope of work provided in Work Item 2027-29, Section 3, along with the associated reference drawings uploaded to the Google Drive.

Question:	2027-29 Sonar Room No. 1 Given the nature of sensitive electrical equipment please specify desired surface perp method? IE: Hand tool, Water Jet, Abrasive blast?
Answer:	The Contractor shall price the work in accordance with the scope provided in Work Item 2027-29, Section 3. However, the Contractor may propose alternative surface preparation methods and associated pricing in the Comments section of Appendix D for the applicable Work Item.

Question:	2027-30 Sonar Room No. 2 Can the customer please provide approximate SQFT of preservation?
Answer:	The contractor may derive an approximate area from the scope of work provided in Work Item 2027-30, Section 3, along with the associated reference drawings uploaded to the Google Drive.

Question:	2027-30 Sonar Room No. 2 Given the nature of sensitive electrical equipment please specify desired surface perp method? IE: Hand tool, Water Jet, Abrasive blast?
Answer:	The Contractor shall price the work in accordance with the scope provided in Work Item 2027-30, Section 3. However, the Contractor may propose alternative surface preparation methods and associated pricing in the Comments section of Appendix D for the applicable Work Item.

Question:	2027-23 Canard RM 1 / Bow thruster room Maintenance Given the nature of sensitive electrical equipment please specify the desired surface prep method? IE: Hand tool, Water Jet, Abrasive blast?

Answer:	The Contractor shall price the work in accordance with the scope provided in Work Item 2027-23, Section 3. However, the Contractor may propose alternative surface preparation methods and associated pricing in the Comments section of Appendix D for the applicable Work Item.

Question:	2027-23 Canard RM 1 / Bow thruster room Maintenance Can the Customer please provide SQFT or specific areas for paint; IE bilge, overheads, bulkheads, or entire area?
Answer:	The contractor may derive an approximate area from the scope of work provided in Work Item 2027-23, Section 3, along with the associated reference drawings uploaded to the Google Drive.

Question:	2027-34 Replacement of Kongsberg EM 122 Multibeam Sonar with EM 124 System "Para.1 States 'scope DRAFT is to provide the Offeror(s) with an understanding of the Owner's plan. An updated Work Item specification will be provided after details have been finalized with the Owner's subcontractors, Kongsberg and Glosten'" Issue: Contractor cannot give accurate fixed price given the draft nature of the spec. In particular, Electrical and structural concerns to be addressed in work package cannot be accurately priced without prior planning work IE: Glosten repair plan. Question: Can the customer please provide clarity regarding the amount of steel modification in para 4.2. Can the customer please provide drawing and piece numbers for replacement? "
Answer:	Additional information is still forthcoming and will be distributed prior to the bid award or issued as an amendment to the RFP as contemplated in Work Item 2027-34, Section 8.

Question:	RFP Request for Proposals KM 2027 Final Current due date is 8/9/2026: Due to a number of sub quotes which have not been received includes OEM service, materials, and naval architecture. Likewise, we also have a number of missing references. The offeror respectfully requests a pricing extension for 7 business days?
Answer:	RCUH has extended the Closing Date for Receipt of Proposals to Sep. 18, 2026.