Attachment 20 -Technical Offer Worksheet
SSV MIDPAC Time Charter

PWS Section #	PWS Section	Description	OFFER Section / Page #
2.10	**Flag & Class Certifications**	Offeror shall provide the following documents to demonstrate that the vessel has been inspected and certified under 46 CFR Chapter 1, Sub Chapter I. Documents also demonstrate that the vessel is designed, built and maintained in accordance with International Association of Classification Societies (IACS) standards, and has a class certificate with notations for lifting appliances and other equipment listed in the PWS. a) USCG Certificate of Inspection (COI) b) US Certificate of Document (COD) c) Vessel Class Documentation	
1.6 & 2.3	**Endurance**	The offeror shall confirm, by providing the documents below, that the vessel can sustain continuous at-sea operations for up to 45 days without resupply (fuel and stores), while adhering to all performance requirements outlined in the PWS. Vessel specification sheets are requested to demonstrate liquid load capacity, deck space and draft. General arrangement drawings will provide deck configuration, equipment layout and sponsor payload storage and messing and berthing detail. Fuel consumption data and the vessel tank plan will demonstrate potable water and full fuel load capacity and days of propulsion fuel at various operating speed. a) Vessel Specification Sheet b) General Arrangement Drawing c) Fuel Consumption Data d) Vessel Tank Plan	
2.7.1	**Position Reference**	a) The offeror shall confirm that the vessel is fitted with a third Differential Global Navigation Satellite System (DGNSS) unit, which must be available as a reference for the Dynamic Positioning (DP) system. This is required when the vessel is offshore and physical position references are unavailable. b) The offeror must confirm availability and provide all vessel DP Documentation as specified in PWS section 6.5.	
2.9	**Tie Down System**	The offeror shall confirm, by providing the documents below, the vessel meets the following deck and equipment securing requirements: The	

		vessel must be equipped with a Baxter bolt (or equivalent) deck socket pattern to secure all sponsor mission equipment (craft and equipment) for stowage and transit in conditions up to Sea State 8. A minimum of 5 feet of unobstructed walking space must be maintained on at least three sides of all stowed equipment to permit access to contents. a) Vessel Specification Sheet b) General Arrangement drawings with layout locations to demonstrate the sponsor mission equipment stow plan and confirm equipment access.	
2.10	**Lift Systems**	The offeror must confirm, by providing the document below, that the vessel is equipped with a 40,000 lbs. SWL capacity crane that is able to perform pier-side loading and unloading of all Sponsor Mission Equipment (SME) in the technical proposal narrative. Crane launch and recovery plans for vehicles must also be discussed in the narrative. The boom must have sufficient reach to lift all SME from the pier or water and place it in its designated storage location on deck, eliminating the need for shore cranes. The crane certifications must be listed in the vessel Register of Lifting Appliances, and must be maintained throughout the Period of Performance. The crane must maintain a CRC-OC Class notation. If the Offeror plans to use the crane for launching and recovering manned RHIBs or SDVs, the vessel must maintain the CRC-OC PL++ class notation. a) Vessel Lifting Appliance Documentation including the Crane Class Notation (ABS) and the Crane Load Chart to demonstrate the ability to move manned equipment and plan lifts for equipment on-load and off-load.	
		The offeror must confirm, by providing the document below, that the vessel is equipped with an 34,000 lbs. SWL capacity A-frame for launching and recovering SDVs, PWCs, CRRCs, UUVs, ROVs, S/TS, and RHIBs. A method must be in place to protect payloads from impacting the A-frame structure during launch and recovery (e.g., padding, fendering, bumper systems) and to minimize the lateral movement of the load during operations. The A-frame must have CRC-OC notation at a minimum. If the A-frame is used for launching and recovering	

		manned RHIBs or SDVs, the vessel must maintain the more stringent CRC-OC-PL class notation. a) Vessel Cargo Gear Register including the A-Frame Class Notation (ABS) and the Sea-State Load Chart to demonstrate the ability to move manned equipment and plan lifts for vehicle launch and recovery.	
2.11	**Small Boat Fuel Capacity**	The offeror must confirm, by providing the document below, that the vessel will be equipped with a USCG-approved small boat refueling system that meets the following specifications: -Tanks: Two (2) portable and removable tanks. -Capacity: A total of 1000 gallons of unleaded gasoline. -Equipment: All associated equipment, including hoses and nozzles, required for at-sea refueling of RHIBs and CRRCs on the main deck. a) General Arrangement that shows the location of tanks and associated re-fueling system equipment. Drawings will demonstrate how boats and equipment will be positioned for re-fueling.	
2.13	**Diving and Vehicle Support**	The offeror shall confirm, by providing the document below, that the vessel provides the following dedicated spaces on or in the immediate vicinity of the working deck to support Sponsor Mission Equipment (SME) and related operations: Bottle Storage Space Diver SCUBA Charging & UBA Building Space Drying Cage Space SDV/UUV Electrical Charging Space a) General Arrangement (GA) drawings or plans that clearly indicates the location of each of these designated spaces and sq. ft. provided. to ensure adequate work area.	
2.14	**Communications and Classified Access Area**	The offeror shall confirm, by providing the document below, that the vessel is equipped with an internet-based maritime network, for the sponsor's use, that meets or exceeds the following performance standards: Download Speed: A minimum of 40 Mbps, with burst capabilities up to 220+ Mbps. Upload Speed: A minimum of 8 Mbps, with burst capabilities up to 25+ Mbps.	

		a) Vessel Specification Sheet or Internet Service Provider specification sheet that clearly articulates internet capacity onboard the vessel including coverage areas and any blackout areas where services are not available.	
		The contractor confirms, by providing the document below, that the vessel will have a minimum of 600 sq. ft. of secure planning space to conduct meetings and briefings with auditorium style seating for up to twenty-five (25) sponsor personnel with individual writing surfaces. Desk space/workstations to support up to 20 computers, monitors, and display equipment. The conference room shall comply with Intelligence Community Directive (ICD) 705-1 requirements including X-10 high security locks and door keypads. a) General arrangement drawing with conference room details clearly annotated with seating, workstations and sq. ft.	
2.17	**Deck Electrical Power**	The offeror shall confirm, by providing the document below, that the vessel provides sufficient electrical power on the aft deck to support all Sponsor Mission Equipment (SME), including MILVANS and ISU90s. a) SME stow plan that clearly identifies the location of all power-supplying junction boxes and receptacles available for this equipment.	
3.00	**Hotel Services**	The offeror shall confirm, by providing the document below, that the vessel provides all required accommodations for 35 government personnel, as specified in the PWS. a) General Arrangement (GA) drawing that clearly denotes the location and size of sponsor-designated areas, including: 1. Berthing/Living Spaces 2. Recreational facilities (Physical training and Lounge)	