



Habitability

Navy Exchange Service Command, Code A3

3280 Virginia Beach Blvd., Virginia Beach, VA 23452-5724

USS WASP LHD-1

HABITABILITY IMPROVEMENT SPECIFICATION

**SHIP'S STORE
(2-25-O-A)**

201510A





Habitability

Navy Exchange Service Command, Code A3

3280 Virginia Beach Blvd., Virginia Beach, VA 23452-5724

1.0 GENERAL REQUIREMENTS AND SPECIFICATIONS

1.1 The ship will be responsible for the following:

- 1.1.1 Providing fire watches for all hot work to be performed.
- 1.1.2 Making available electrical power and/or ship's service air to contractor's equipment that is operationally compatible with the ship's systems
- 1.1.3 Providing stowage for the contractor's tools and equipment during the installation.
- 1.1.4 Providing temporary ventilation as required during installation. This shall include connection of the vent hose to the blower and installation of the blower shall be outside of the compartment if flammable or explosive materials are being used in the installation or removal.
- 1.1.5 Disconnecting and reconnecting all electrical equipment, piping, drains, steam supply lines, etc., if equipment has to be temporarily removed during the performance of the contract. Making all connections to ship's power source or service supply for new equipment installation.
- 1.1.6 Labeling of all compartment identifications, power sources, and service supplies.
- 1.1.7 Working with the contractor to make timely decisions on material selections (color, pattern, style, etc.), solve interference problems, and ensure access to the ship and work areas.

1.2 The contractor shall comply with the following:

- 1.2.1 This specification is based upon the following requirements whose provisions shall prevail in areas where this specification is silent:
 - A. NAVSEA S9AA0-AB-GOS-010/GSO, "General Specifications For Overhaul Of Surface Ships"
 - B. NAVSEA 59AA0-AB-GOS-030 SUPPLEMENT, "General Specifications For Ships With The Aegis Addendum"
 - C. NAVSEA 0902-LP-018-2010, "General Overhaul Specifications For Deep Diving SSBN/SSN Submarines"
 - D. NAVSEA 0924-062-0010, "Submarine Safety (SUBSAFE) Requirements Manual"
 - E. NAVSEA Standard Items
- 1.2.2 Where drawings or specifications are referenced herein, the latest revision/amendment of such drawing or specification in effect upon date of award of contract shall be applicable, unless otherwise specifically noted.
- 1.2.3 Contractors shall obtain from sources designated as repositories, copies of standard navy drawings, referenced specifications, and standards which are part of the DOD Index of Specifications and Standards (DODISS). Other required references should be made available for examination at a designated location.
- 1.2.4 Unless otherwise noted in the purchase document, the contractor shall be responsible for all requirements as applicable to the type of supply and/or service being provided. The government shall rely on contractor





Habitability

Navy Exchange Service Command, Code A3

3280 Virginia Beach Blvd., Virginia Beach, VA 23452-5724

expertise for final design and fabrication of items. The design emphasis is encouraged to have modern, eye appealing characteristics that conform to the general requirements specified herein.

- 1.2.5 Prior to material delivery or installation, the contractor, when requested by the contracting officer, shall provide the ship and the contracting officer with a written certificate of conformity from the contractor, stating that the materials procured for installation meet applicable NAVSEA specifications. If a certificate of conformity is not requested, then the contractor shall be deemed to be self-certifying and shall be solely responsible for compliance with NAVSEA specifications.
- 1.2.6 All materials procured/installed shall be in accordance with Military Specification MIL-STD-1623 Fire Performance Requirements and Approval Specifications for Interior Finish Materials and Furnishings (Naval Shipboard Use).
- 1.2.7 The contractor shall meet with the ship's representative as soon as possible after award of contract/delivery order to identify and select all finish materials (i.e. HPPL, carpet, vinyl wall covering, fabrics, etc...). The contractor shall provide the ship with catalogues and/or samples of shipboard approved materials from which the ship may select their desired and alternate patterns and colors. The contractor shall verify the availability of the selected item with their suppliers and notify the ship as soon as possible when a material is found to be unavailable. When a change in material selection is required the contractor shall get with the ship as soon as possible to remedy the situation. The contracting officer/purchaser shall be notified of all changes.
- 1.2.8 The contractor shall not interfere with the daily routine of the ship.
- 1.2.9 The contractor shall be responsible for his own measurements. Template work from ship and equipment, as required. All sizes stated are approximate. Furnishings manufactured for knockdown construction must be capable of passing through surface ship access (26" x 66") or submarine access (26" diameter). Furnishings may be fabricated and assembled at installation site. Whichever method is employed, it must first be consistent with accepted shop practices. The ship's representative shall furnish dimensions not specified herein.
- 1.2.10 Unless specifically stated herein, the contractor shall be responsible for providing and connecting all wiring, piping, drain lines, etc. To the new item/equipment being installed by the contract. The contractor shall provide wiring, piping, etc. In sufficient lengths to run from the newly installed item to the nearest available ship's force approved existing point of connection. Ship's force shall be responsible for all actual connections to ship's power or other systems service supply. The contractor shall be totally responsible for ensuring that each item installed, is fully functional, and operates in accordance with the intended design, and within the intended capabilities or limitations of the specific piece of equipment.
- 1.2.11 The contractor shall be responsible for replacing any item installed or re-installed under the requirements of the contract/delivery order, if the item is deemed to be defective, inoperative or incapable of performing as designed.
- 1.2.12 Where fabrication or installation of food service items is specified the requirements of General Specifications Section 651, Specification A-A-50184 (supersedes MIL-T-2256), NAVSUP Publication 533, NAVFSSO Drawing 851, and all NAVFSSO directives shall be adhered to.
- 1.2.13 Where cadmium plating is specified on referenced drawings, the requirement shall be replaced with the use of zinc plating in accordance with ASTM-B633, Service Condition SC3, Type I. Coating thickness shall be 12 microns (approximately 0.0005 inches).
- 1.2.14 Patch/repair insulation (thermal and acoustic) damaged incidental to work shown herein including surfaces affected by welding. Installations shall be in accordance with NAVSEA Tech Manual S9086-VH-STM-





Habitability

Navy Exchange Service Command, Code A3

3280 Virginia Beach Blvd., Virginia Beach, VA 23452-5724

010/Chapter 635, Thermal, Fire, And Acoustic Insulation; material shall match surrounding area except that a NAVSEA approved mineral wool shall be used in lieu of ceramic fiber for patching of fire insulation.

- 1.2.15 Touch-up/repair deck covering damaged incidental to work shown herein including adjacent surfaces affected by welding. Work shall be in accordance with NAVSEA Tech Manual S9086-VB-STM-000/Chapter 634, Deck Coverings; color to be determined by ship's representative. Work shall include surface preparation and underlayment specified by this tech manual.
- 1.2.16 The contractor shall be responsible for complying with all safety requirements as specified by OSHA, the industrial activity and the Ship's Safety Officer. In the event of a conflict, the ships safety requirements shall take precedence.
- 1.2.17 Where permanent removals are specified in the contract, contractor shall remove the items from the ship and turnover to ship's representative on pier unless otherwise stated.
- 1.2.18 Where the terms renovate, refurbish, repair, or renew are used herein to apply to a degree of work to be accomplished for a specific item, the terms shall mean that the item is to be restored to a like-new condition. This shall mean that any components of the item which are necessary to the structural integrity of the item are to be repaired, if practicable, or replaced with new components if needed. Any internal, external, or ancillary components of the item, which are pertinent to the functioning of the item shall be repaired or replaced to ensure that the item performs in accordance with the intended design and within the items capabilities and limitations. In the absence of specific reference to cosmetics, the decorative or protective surfacing of the item shall be removed and similar new surfacing shall be installed, unless the existing surfacing is non-approved material or has been applied in a non-approved manner. In such case, the new surfacing material and the method of installation will be specified. Preparation of the existing surface and installation of the new surfacing shall be accomplished in accordance with gen specs sections 631 unless otherwise stated.
- 1.2.19 The contractor shall be responsible for all interference removals/installations incident to specified work unless otherwise stated.
- 1.2.20 Sizes of hold down fasteners are determined from manufacturers drawing. Due to manufacturers' changes and contract awards, actual equipment received for installation may vary from that originally designed for. Therefore, template exact size, length, and location of hold down fasteners to suit. If bolt sizes are changed, the material type and grade are to remain the same.
- 1.2.21 Install flashing to seal off areas, which are, inaccessible for cleaning.
- 1.2.22 Items being removed and re-installed are to be tagged with a tag number showing compartment number, frame number, port or starboard location, and held for re-installation as noted in this specification.
- 1.2.23 Items shall be removed with supporting components (mounting hardware, sub-base, etc.) And held for re-installation by this specification. Replace any damaged supporting component with similar material.
- 1.2.24 Paint new/existing items as identified in this specification (furniture, trim, doors, etc.) And touch-up existing paint damaged incidental to work shown herein including adjacent surfaces affected by welding. Painting shall include surface preparation and shall be in accordance with NAVSEA Tech Manual S9086-VD-STM-010/020/030, CH 631 V1, V2, V3, Preservation Of Ships In Service (surface preparation and painting). The required paint formulas (number of coats, etc.) are specified in Chapter 631-1-3, V1 of this tech manual. Finished color to be determined by ship's representative.
- 1.2.25 Treat faying surfaces between dissimilar metals in accordance with section 8.2.9 of NAVSEA S9086-VD-STM-030/Chapter 631 V3, Preservation Of Ships In Service (Surface Preparation and Painting).
- 1.2.26 Fabrication, welding, and inspection shall be in accordance with MIL-STD-1689A (SHIPS).



Habitability

Navy Exchange Service Command, Code A3

3280 Virginia Beach Blvd., Virginia Beach, VA 23452-5724

- 1.2.27 The contractor is responsible for providing gas-free certification for all areas and adjacent areas in which hot work (welding, burning, etc.) Or toxic hazardous installations are to be performed.
- 1.2.28 Remove insulation and deck covering in way of work shown herein including far side of bulkheads/decks affected by welding. All removals shall be reinstalled/replaced after hot work is completed.
- 1.2.29 All sharp or rough edges and corners that present a possible source of injury to personnel or damage to equipment shall be rounded off by grinding or other mechanical means to provide a smooth surface.
- 1.2.30 Install all furnishings and equipment level and/or plumb with baseline of ship.
- 1.2.31 The contractor is responsible for the cleanliness of the working area. The contractor shall remove all trash/debris caused by the contractor as a result of the removals/installations specified herein from the ship, at the end of each workday.
- 1.2.32 Bulkhead sheathing, false overhead, and all other installations shall be installed in a manner which will not impede damage control efforts. Full visibility and accessibility shall be provided for damage control fittings and other vital systems components. Systems requiring frequent access shall be provided with hinged access panels and label plates identifying the enclosed components/systems.
- 1.2.33 Cribbing for joiner bulkheads shall be installed as required. Install cribbing in accordance with NAVSEA Drawing 804-5000991. Cribbing members shall be capable of being removable and/or reusable. Connections shall be bolted in lieu of welded. (If existing cribbing installation is welded type connections, then new portion of cribbing may be installed in a similar manner.) Install from deck to overhead. Provide and install upper and lower retainer strips.
- 1.2.34 Where high pressure plastic laminate (HPPL) is required, it shall be in accordance with Military Specification MIL-P-17171. For bulkhead installations it shall be Type IV, installed in accordance with NAVSEA Drawing 804-5000991. All other uses, such as laminating material for cabinets, tables, etc. shall require Type I. Adhesive in accordance with Specification A-A-1936 (supersedes M-M-130) shall be used to bond the HPPL to aluminum. Comply with Gen Spec 637.
- 1.2.35 Where new vinyl wall covering is required, it shall be in accordance with Fed. Spec. CCC-W-408, Type II. Bulkhead covering installation to be in accordance with NAVSEA Drawing 804-5000991 for a Type 1, Class 2 installation, with edges clamped under trim pieces. When replacing existing bulkhead covering material and it has been installed without trim strips, remove the existing covering, patch holes and seams and re-use existing aluminum sheathing panels to accept new vinyl bulkhead covering. If existing installation is HPPL, rough the surface of the HPPL and attach the new vinyl over the existing HPPL. The adhesive used shall meet Specification A-A-1936 (supersedes M-M-130).
- 1.2.36 Remove and scrap existing label plates superseded by new label plates.
- 1.2.37 Repair damage to ship's structure, caused by work shown herein, with material identical to adjacent structure. Where welds are performed on bulkheads, decks and overheads the opposite side of where welding occurs shall be checked on for damage and repaired as necessary.
- 1.2.38 Unless otherwise specified, items installed herein may be shifted slightly to clear minor interferences. The notation "min. (typ)" next to dimensions on in this specification indicates the item(s) shall be installed as close as practical to ship's structure, vent, piping, etc. Abbreviations are in accordance with MIL-STD-12D except as follows:

(R/T) = Removed & turn over to ship on pier (////////)

(R/R) = Remove & Relocate

(R/I) = Remove & Install

(E) = Existing

(M) = Modified

(N) = New





Habitability

Navy Exchange Service Command, Code A3

3280 Virginia Beach Blvd., Virginia Beach, VA 23452-5724

- 1.2.39 Use backing plates/sway-bracing/cantilever supports when attaching furnishings to bulkheads/overheads or furniture to provide reinforcement.
- 1.2.40 Template exact location of mounting bolts from equipment.
- 1.2.41 Furniture items shall be secured to the deck or bulkhead in accordance With General Specifications Section 640 And NAVSHIPS Drawing Number S3306-921770; Sub-Bases And Clips, Shipboard Furniture and/or NAVSEA Drawing Numbers 612-2121710/2121711; Misc Furniture Details.
- 1.2.42 Furniture item numbers referred to herein may indicate a specific furniture item described in the U.S. Navy Shipboard Furniture Catalog (SFC); NAVSEA S9600-AD-GTP-010. The NAVSEA Drawing numbers for fabrication of furniture items is given when available. All furniture items shall be fabricated using aluminum structural components (i.e. angle, tubing, etc.) And sheathing in accordance with the following specifications where applicable: (note: workmanship described within must be adhered to.)
 - A. MIL-PRF-32038, "Shipboard Furniture, Fixtures, Fittings, And Accessories, General Specifications For" (Supersedes MIL-F-243 "Shipboard Furniture, Steel" and MIL-F-902, "Shipboard Furniture, Aluminum")
 - B. NAVSEA Drawing 803-5959310/A, "Furniture Construction Details"
 - C. NAVSHIPS Drawing S3200-860055, "Hardware For Metal Furniture"
 - D. NAVSHIPS Drawing 612-2121710/1, "Misc Furniture Details"
 - E. NAVSHIPS Drawing 805-1632368, "Metal Furniture Construction"
- 1.2.43 Cushioning needed in fabrication of furniture items shall be polychloroprene (neoprene) in accordance with Mil Spec MIL-PRF-20092, Type II, Class 5.
- 1.2.44 Where vinyl covering material is specified for furniture covering, it shall meet the requirements of Specification A-A-2950, (supersedes Fed Spec CCC-A-680, Class 2, Treatment (A/1))
- 1.2.45 Where fiber upholstery fabric covering material is specified for furniture covering or re-upholstering, it shall meet the requirements of MIL-STD-1623. The material used shall be aromatic polyamide (polyaramid). An alternative to the polyaramid, is aramid and aramid/novaloid blend in accordance with MIL SPEC MIL-C-24500 Type I with a minimum weight of 6 ounces per square yard. Polyaramid is preferred for furniture covering.
- 1.2.46 The construction requirements (stitching, edge locking, thread, etc...) for both types of upholstery coverings (vinyl and fiber) shall be in accordance with Specification A-A-59473, (supersedes Mil Spec DOD-C-24556).
- 1.2.47 Furniture items specified herein with the right or left arm designations shall mean the arm of the item to the viewer's right or left when viewed from the back of the furniture item.
- 1.2.48 Where curtains are specified, the material used shall be aramid and aramid/novaloid blend in accordance with Mil Spec MIL-C-24500, Type I, with a minimum weight of 6 ounces per square yard. Fabrication shall meet the requirements of Mil Spec DOD-C-24556. Fabricate with a lining of 3-1/2 oz. per square yard.
- 1.2.49 All electrical power and lighting modifications incidental to work specified herein shall be procured/installed in accordance with NAVSEA Drawing 53711-803-5184170, Rev. K – Lighting For Naval Ships (DOD-HDBK-289) and as follows:
 - A. Receptacles shall meet W-C-596/12 or hospital grade.
 - B. Switches shall meet W-S-896/2 or hospital grade.
 - C. Cover plates shall UL 514A (supersedes W-P-455).
 - D. Contractor to bid on size cabling to suit ships electrical system and/or equipment to be installed. Cabling/wiring shall meet MIL-C-24643/15 (LSDG4).



Habitability

Navy Exchange Service Command, Code A3

3280 Virginia Beach Blvd., Virginia Beach, VA 23452-5724

E. Decorative conduit shall be "Wiremold Surface Raceway System" Model V500 (Steel) available from Electrical Suppliers Inc., Norfolk, VA, phone (757) 855-3031 or equal.

1.2.50 Where installation of storefront showcases and ship store/barbershop access doors is required, these items shall be installed with huck rivets: ¼" dia. Button head with "MSC" collars on 12" centers and each at corner and middle of item, install ¼"-20 UNC button head bolts with nylon lock nuts.

1.2.51 Unless otherwise specified, food service counters/dressers shall be fabricated in accordance with all requirements of Gen Specs Section 654, Specification A-A-50184 (supersedes MIL-T-2256) and details shown on NAVFSSO Drawing 851. Top of unit to be .109" CRES. Body and doors to be .050" CRES when required. Framework to be aluminum angle construction. Stiffening for the top shall be by "high-hat" type stiffeners. The top shall be capable of supporting a uniformly distributed loading of 150 pounds per square foot. Top, sides and body shall have the appearance of an integrally formed unit. No discernible cracks or openings shall be permitted. Continuous welds shall be used instead of intermittent welding. Workmanship shall be of a degree recognized as suitable throughout the industry. If caulking is necessary it shall be used to close openings not greater than 1/16 inch. Caulking must be NAVFSSO approved type. Provide with marine edge, drain trough with removable cover, drain piping to nearest available existing deck drain or coamed area. Provide unit with a 6" backsplash with electrical receptacles installed and wired as required. Unit shall be secured to the deck by means of legs with leveling feature (NAVFSSO Dwg 851) and a flanged foot. Bottom of unit shall be not less than 8" off the deck, for cleaning under. Top surface shall be 36" above the deck. Provide with doors of double wall construction. Provide doors with continuous CRES hinges, two-point latching devices and keepers for padlocking. Maximum door width shall be 24". Provide with removable shelves. The front edge of shelves shall be flanged up, then over and then down. Dimensions of shelf edge shall be approximately 1-1/4" x 3/8" x 1/4". Provide with 1" O.D. CRES tube type tray rail with brackets having hinge-down capability. Length and width of service stand to be specified by ships representative.

1.2.52 False overhead installation to be in accordance with NAVSEA Drawing 804-5000994 and General Specifications Section 637. Existing overhead grid system may remain if grid is compatible with new panels and if existing installation of grid complies with requirements specified on NAVSEA Drawing 804-5000994. If grid system is to be replaced, install new aluminum, exposed grid suspension framework, ceiling system number 830 by "Chicago Metallic Corp." Or equal. Support for overhead grid system shall be by rod or flat bar. Supports shall be located at the intersection of the main tees and the sub tee's, whenever possible, and shall be connected to the overhead structure. Boundary support shall be installed flush with face of structure/stiffener. Provide closure plates around [flange to suit] bulkhead stiffeners when necessary using .125 thick plate. Closure plates shall be attached to the stiffening members rather than the plating for the deck above. New panels to be polyvinyl chloride (PVC) film/aluminum laminate lay-in (Type F) in accordance with Mil-Spec MIL-L-24518, laminated to .050 inch thick aluminum unless noted otherwise. Panel sizes to be 24 x 48 inches nominal size. Contractor to cut panels to suit existing over-head obstructions and to produce a satisfactory fit within the grid system tees. Color to be white (grid and panels).

NOTE: WIRE SHALL NOT BE USED AS PERMANENT SUPPORT FOR EITHER GRID OR LIGHT FIXTURES. AFTER INSTALLATION OF SUPPORT RODS, REMOVE ALL TEMPORARILY INSTALLED WIRE USED TO ALIGN/ LEVEL GRID SYSTEM.

1.2.53 Where false overhead lighting is to be installed, install new drop-in flush mounted overhead fluorescent lighting fixtures. Fixtures to be procured/installed in accordance with NAVSEA DOD-HDBK-289 (SH) and General Specifications, Section 332. Fixtures must meet Mil Spec MIL-F-16377/57. One light required per 36 square feet of area. Lighting fixtures to be supported, independent of the support for the ceiling gridwork, by rod to the overhead at least in two opposing corners.

1.2.54 Deck coverings:





Habitability

Navy Exchange Service Command, Code A3

3280 Virginia Beach Blvd., Virginia Beach, VA 23452-5724

- 1.2.54.1 Decks where installation of cosmetic polymeric (monolithic seamless) deck covering (PRC) is required. Remove existing deck covering down to bare metal surface. Prepare and prime deck surface in accordance with General Specification Section 631. Underlay shall be used to slope deck for proper drainage. Where underlay is required it shall conform to Mil Spec MIL-PRF-3135 (supersedes MIL-D-3135), Type 1, Class 2. Install new cosmetic polymeric (monolithic seamless) deck covering material throughout entire areas specified. Deck covering to be in accordance with Mil Spec MIL-PRF-24613 (supersedes MIL-D-24613). Manufacturers of the material are listed in Qualified Products List QPL 24613. "Products Research Corp." is an approved source.

NOTE: Installation of new deck covering material shall be in accordance with manufacturers' specifications and detailed requirements stated in Gen Specs Section 634. Install to a thickness not to exceed $\frac{1}{4}$ inch. Install with cove base effect to extend vertically for approximately 3 inches up onto the compartment boundary bulkheads. Cove base effect shall be at the discretion of the ships representative and areas requiring it shall be identified prior to commencement of work. Apply a sealer coat to complete the installation.

- 1.2.54.2 "Stratica" tile shall be installed in accordance with the manufacturers recommended instructions and the NAVSEA Task Group Instruction (TGI) 634-63421-008, dated 2JUN 00.
- 1.2.54.3 All other decking material types shall be installed in accordance with NAVSEA Technical Manual S9086-VG-STM-010, Chapter 634.
- 1.2.54.4 Carpeting shall be installed on top of existing, undamaged underlay material. Underlay material shall be repaired as required in accordance with NAVSEA Technical Manual S9086-VG-STM-010, Chapter 634.

- 1.2.55 Where polycarbonate material is specified for mirror/transparent designs it shall be fabricated from sheets conforming to specification MIL-P-46144C, Type III, Class 1, Grade A and exhibit the following salient characteristics.

Transparent Designs

- A. Polycarbonate plastic sheet shall be natural color (colorless and transparent)
- B. Mirror thickness shall be as specified. Fully fabricated mirrors shall have beveled edges, radius corners and pre-drilled holes for mounting.
- C. The mirrored surface shall be coated with silver argent and a 0.2 TO 0.6 mil protective coating applied over the silver argent.
- D. The finished mirror shall produce minimal reflective image distortion.
- E. Heavy paper masking identifying material shall be applied to all exposed surfaces for protection and shall be removed by contractor after ship's force verification and before acceptance.

NOTE: Commercially available polycarbonate is acceptable. The material shall be similar to polycarbonate manufactured by General Electric (GE). The polycarbonate shall be Type III (mar resistant), Class 1 (ultraviolet stabilized), Grade A (high abrasion resistant) as defined in Mil Spec MIL-P-46144 Rev C. Polycarbonate has previously been manufactured and tested in accordance with the above specification; Rev B. Revision c of the specification has imposed additional testing criteria. The manufacturers of polycarbonate do perform product testing to verify that the product conforms to the specification. However, because of the stringent testing requirements of Rev C, manufacturers will not provide certification that their product meets all requirements.





Habitability

Navy Exchange Service Command, Code A3

3280 Virginia Beach Blvd., Virginia Beach, VA 23452-5724

NOTE: In order to provide and maintain fleet wide flexibility, consistency, standardization, and provide the best quality of service for the shipboard retail environment, all modifications and fixtures for ship's stores shall be authorized and cleared through the NAVSUP Technical Warrant, and NEXCOM Enterprise Ship's Store Program. Upon completion of renovation work in a ship's store, contact NEXCOM Enterprise Fleet Services Manager / NAVSUP Technical Warrant. John.Schmalz@nexweb.org, 757-443-2524

NOTE: Measurements provided herein are approximations and contractor is responsible for making all measurements to ensure a professional, well-fit product placement.



Habitability

Navy Exchange Service Command, Code A3

3280 Virginia Beach Blvd., Virginia Beach, VA 23452-5724

SECTION 2 – SCOPE OF WORK

The scope of work contained in this proposal is for a partial renovation of the USS WASP (LHD-1) ship's store. The work is to include the removal of a stand-alone display counter, and the addition of gondola sections to extend the gondola runs for added merchandising footage.

The Contractor is to furnish all labor and materials for removal of any existing items, manufacture and/or procure, and install the following materials. Contractor is responsible for verifying all measurements to ensure correct fit. All dimensions cited in this specification are approximate. Contractor is responsible for providing shelving sized to suit and, for executing work in a manner that conforms to the layout and the intent of the project as described in the solicitation.

Period of Performance: 01 November 2015 to completion

2.1 COUNTER-TOP SHOWCASE.

Remove existing stand-alone counter-top showcase. Remove all mounting hardware and prep the deck beneath.

2.2 GONDOLA SECTIONS

Remove the Feature End Unit from the end of each affected gondola run. Prep deck surfaces as needed. Provide and install one navy gondola section to two of the gondola runs. Provide a new panel mounting channels to allow adding the new gondola sections to the existing run. The new sections are to be added to the existing. Use MDL item number NG6036A; (36W x 36D x 60H). Relocate and mount the previously removed Feature End Units onto the end of the new gondola runs. Provide eight shelves for each new gondola section. Provide binning for all new shelves and gondolas. Provide additional shelves and binning for the remainder of the store sections.

NOTE: In order to maintain continuity and flexibility in the fleet, ship's store slat wall shelving fixtures are to be System 90, as manufactured by Metal Dynamics, Ltd., 30 East Tenth Street, New Albany, IN. 812-949-7998, or equal.

2.3 DECK COVERING (MONOLITHIC SEAMLESS DECKING).

Following installation / relocation of fixture items, prepare exposed deck surfaces and fill in / patch. Prepare and prime deck surface in accordance with GSO section 634. Install new underlay conforming to Mil SPEC MIL-D-3135 in accordance with GSO section 634. Before any new deck cover is installed, deck shall be free of all rust, grease, oil, scale, old and loosely adhering paint, and other extraneous matter. Primer shall also be removed. Before any deck cover is installed, decks shall be faired with underlay material in way of laps, rivet heads, depressions in plating, weld seams, and similar conditions. Welds in excess of 1/16-inch shall be ground down to not more than 1/16-inch. Deck and underlay material shall be sanded smooth, if necessary to prevent high points and rough spots from showing through the finished surface. Metal decks beneath the underlay shall be primed as specified in GSO section 631.

Deck covering to be in accordance with MIL SPEC Mil-D-24613, Type II, Class 2. Installed to a thickness not to exceed ¼ -inch. Installed in accordance with manufacturers' instructions. Apply sealer coat to complete the installation.

NOTE: The Contractor shall ensure that all materials procured for installation shall comply with applicable specifications of material approved for shipboard use. Contractor shall provide a Certificate of Conformity from the manufacturer, if and when requested by the Contracting Officer.

