Sources Sought
135 FT Landing Craft Utility (LCU)
Propeller- Repair

Description:

The Naval Surface Warfare Center, Carderock Division (NSWCCD) is issuing a Sources Sought Request from all interested parties that can provide the following propeller repair services. The LCU In-Service Engineering Agent/Planning Yard Code 834 of the Naval Surface Warfare Center, Carderock Division is not actively considering repairing or procuring propellers at this time. However, NSWCCD is interested in the identification of vendors capable of meeting the requirements for the purpose of providing a list of known vendors to NAVSUP and the Regional Maintenance Centers. Activities interested shall submit all documentation as required by NAVSEA Drawing 245-5110080 to demonstrate qualifications for the repair of LCU 1610 Class propellers. Documentation to be submitted includes, but is not limited to:

- Proof of a maintained quality system in accordance with the requirements of ISO 9002, Quality Systems, Model for Quality Assurance in Production, Installation, and Servicing or equivalent.

- Procedures for all inspection, test, repair processes, and associated qualification data; and subcontractor procedures and qualification data, in accordance with NAVSEA Drawing 245-5110080.

For activities interested, the subject drawing may be requested no later than 20 June 2013 from the LCU In-Service Engineering Agent/Planning Yard Code 834 of the Naval Surface Warfare Center, Carderock Division. Proof of Joint Certification Program (JCP) certification is required to receive the drawing and should be emailed to heather.rhoads@navy.mil at time of request.

All required documentation shall be submitted at one time; incomplete submissions will not be considered.

Propeller Physical Description:

1. Dimensions: All dimensions provided are in the final machined condition.

    - Overall Diameter: 48 inches
    - Pitch: 36 inches
    - Weight: 400 lbs
    - Bore Diameter: 5.5 inches

2. Material: MN-BRZ ABS GR 2, ASTM B147

Repair:

The following items are to be accomplished as part of the repair:

1. Visual and dimensional inspection of as arrived condition with report of findings.
2. Repair of casting to dimensional tolerance requirements.
3. Balance the propeller
4. Stress relief as required.
5. Performance of all non-destructive testing.
6. Preparation of a post repair visual and dimensional inspection reports.
7. Preserve and package the propeller.

Processes/Procedures/Qualifications Required:

All work accomplished on the shafting shall be accomplished in accordance with NAVSEA Drawing 243-5110080. The following references apply:

1. NAVSEA S9074-AR-GIB-010/278, REQUIREMENTS FOR FABRICATION WELDING AND INSPECTION, AND CASTING INSPECTION AND REPAIR FOR MACHINERY, PIPING, AND PRESSURE VESSELS
2. DOD-STD-2185, REQUIREMENTS FOR REPAIR AND STRAIGHTENING OF BRONZE NAVAL SHIP PROPELLERS
3. NAVSEA S9074-AQ-GIB-010/248, REQUIREMENTS FOR WELDING AND BRAZING PROCEDURE AND PERFORMANCE QUALIFICATION
4. NAVSEA S9074-AS-GIB-010/271, REQUIREMENTS FOR NONDESTRUCTIVE TESTING METHODS
5. S9245-AR-TSM-010/PROP, MARINE PROPELLER INSPECTION, REPAIR AND CERTIFICATION
6. MIL-STD-2035 REV. A, NONDESTRUCTIVE TESTING ACCEPTANCE CRITERIA
7. MIL-DTL-2845, PROPULSION SYSTEMS, BOAT AND SHIP; MAIN SHAFTING, PROPELLERS, BEARINGS, GAUGES, SPECIAL TOOLS & ASSOC. REPAIR PARTS; PRESERVATION, PACKAGING, PACKING, AND STORAGE OF

The vendor will be required to provide procedures and qualifications for processes including, but not limited to:

(1) Welding of MN-BRZ
(2) Liquid penetrant inspection
(3) Balance Inspection
(4) NAVSEA Propeller Visual Technical Inspection Course
(5) NAVSEA Propeller Certification Course

Synopsis Terms:

THIS IS A SOURCES SOUGHT SYNOPSIS ONLY. THIS IS NOT A NOTICE OF SOLICITATION ISSUANCE. This synopsis is issued solely for information and planning purposes – it does not constitute a Request for Proposal (RFP) or a promise to issue an RFP in the future. The purpose of this announcement is to conduct market research to assess if there is a reasonable expectation of receiving two or more technically acceptable, reasonably priced proposals in consideration of issuing a Request for Proposals.

This synopsis does not commit the government to contract for any supply or service whatsoever. It is the responsibility of the potential respondents to monitor this site for additional information pertaining to this potential requirement. The information provided in this Sources Sought Synopsis is subject to change and is not binding on the Government. Further, the release of the Sources Sought Synopsis should not be construed as such a commitment or as authorization to incur cost for which reimbursement would be required or sought. Respondents are advised that the U. S. Government will not pay for any information or administrative cost incurred in response to this Sources Sought Synopsis. All costs associated with responding to this Sources Sought Synopsis will be solely at the interested party's expense. Proprietary information shall not be included in any response to this Sources Sought Notice as support contractors may review and evaluate responses to this synopsis. Failure to respond to this Sources Sought Synopsis will not preclude participation in any future RFP, if issued.

Responses:

Responses to this synopsis in Microsoft Office 2000 compatible or Adobe PDF format are due no later than close of business 11 July 2013. Unclassified responses shall be submitted via e-mail to Heather Rhoads at heather.rhoads@navy.mil. Verbal questions will not be accepted. The Government does not guarantee that questions submitted after 27 June 2013 will be answered.