OVERHAUL DESCRIPTION

ITEM NAME TURBO SUPERCHARGER,E, NON-AIRCRAFT

STOCK NUMBER 2950-12-390-3341 **SHELF LIFE CD** 0

PART NUMBER X59610100197

USED ON 154 WPC VESSELS

Items as received by the contractor must be complete and of the proper cited part number. Discrepancies shall be reported to the Coast Guard Contracting Officer.

OVERHAUL REQUIREMENTS:

ITEM NAME : TURBOCHARGER, RIGHT
STOCK NO. : 2950-12-390-3341
PART NUMBER : X59610100197
ITEM USE : MTU MAIN DIESEL ENGINES, 154' WPC

Items as received by the Contractor must be complete and of the proper cited part number. Discrepancies shall be reported to the Coast Guard Contracting Officer.

PRELIMINARY INSPECTION REQUIREMENTS:

The Contractor shall disassemble, clean and inspect the Turbochargers(s) to obtain the overall condition and determine the estimated cost of overhaul. A detailed report and repair plan including material, labor rate, labor hours, overhaul, testing, preservation, coating, packaging, packing, marking, bar-coding and crate repair or replacement costs shall be submitted to the Coast Guard Contracting Officer for approval. Overhaul is intended to restore the Turbochargers(s) to a condition that is equal to that of a Turbocharger as listed above. No further work shall be accomplished until the report is approved in writing by the Coast Guard Contracting Officer.

The inspection report and repair plan shall consist of, as a minimum, the following information:

1. Name of Contractor
2. Date of Inspection
3. Identification of Turbocharger by serial number, part number and stock number.
4. Condition of shipping crate and any cost of repair or replacement.
5. A list of parts and materials recommended for replacement with individual pricing.
6. Cost of overhaul labor broke down by number of hours and hourly rate.
7. Comments if any pertaining to unusual observations during inspection and disassembly.
8. Additional work not covered by this repair description.

OVERHAUL REQUIREMENTS:

The Turbochargers(s) shall be overhauled to a service ready condition, which shall restore the operating, coating and performance characteristics to the "original" design and technical specifications as listed above. Overhaul shall be performed in accordance with Original Equipment Manufacturer (OEM) specifications and standards.

*** Serviceable ready condition is defined as a reconditioned Turbocharger meeting all required design specifications and dimensions in accordance with the OEM and being capable of functioning and performing in the same manner as an identical new Turbocharger. All non-coated Turbocharger surfaces shall be preserved to prevent corrosion for a period of up to two years. Turbochargers shall be primed and coated meeting the original color and thickness characteristics. The Turbochargers(s) shall be individually packaged, packed, labeled and bar-coded in reusable wooden crates. ***

QUALITY ASSURANCE:

Following completion of overhaul, the Contractor shall perform standard production testing and inspections to assure maximum design performance.

The Contractor shall provide certifications of successful standard production tests and inspections to the Contracting Officer. One certification shall be placed in the box with each unit and a copy of each certification shall be forwarded to the Coast Guard Contracting Officer.

COATING

Contractor shall remove all old paint, clean and prepare surfaces for coating IAW coating manufacturer requirements. Contractor shall use a suitable primer compatible with final coating. Primer thickness and application shall be IAW primer manufacturer instructions and OEM specifications. Color of finish coat shall be the same as originally coated when new. Any changes to color shall be approved by the Contracting Officer.

TOOL CALIBRATION

Contractor shall have a tool calibration program. All measuring devices, test equipment and attached gages shall be calibrated and have a current calibration sticker attached. Calibration shall be traceable to National standards.

ASSEMBLY

Each Turbochargers shall be delivered to the Coast Guard completely assembled and ready for installation.

PRESERVATION, PACKING AND PACKAGING

PRESERVATION

The Turbochargers(s) are being overhauled for system stock and will not be installed immediately. The Contractor shall use an appropriate preservative as necessary to preserve all uncoated surfaces to prevent rust or corrosion for a minimum of two years.

Each Turbocharger shall be packaged individually, wrapped in plastic and packed in an appropriately sized ASTM-D6251 Type III, Class 1 Wood-Cleated Panel-board Shipping Box or ASTM-D6880 Class 2 Heavy Duty screwed Wooden Box with bracing capable of providing adequate protection during storage and multiple shipments.

The Turbocharger shall be blocked and protected so that force applied in any direction during shipping and handling will not cause damage to the Turbocharger.

MARKING

Marking IAW MIL-STD-129R except bar coded IAW ISO/IEC-16388-2007, Code 39 Symbology. The marking described herein shall be placed on the longest two sides of each box (on opposite ends).

NATIONAL STOCK NUMBER : 2950-12-390-3341_____ _____.
ITEM NAME : TURBOCHARGER, LEFT .
PART NUMBER : X59610100197 _____ _____ ____.
WORK ORDER NUMBER : _____ _____.
DATE OF REPAIR : _____.
SERIAL NUMBER : _____.

The words: COAST GUARD SFLC MATERIAL CONDITION "A"

NOTE: ALL PREVIOUS MARKINGS AND / OR QUALITY ASSURANCE DECALS SHALL BE COMPLETELY REMOVED FROM THE REUSABLE SHIPPING CONTAINER PRIOR TO THE APPLICATION OF ANY NEW MARKINGS.

WARRANTY:

The Turbocharger is being overhauled as a "system stock" item and will be put into inventory. "NOT FOR IMMEDIATE INSTALLATION". The Contractor shall guarantee the item against defects that lead to failure for 90 days after installation for a period of up to two (2) years after delivery to the Coast Guard.

GOVERNMENT ACCEPTANCE

Acceptance will be made at destination by a government representative. Acceptance will be contingent upon the representative's verification of no damage in transit, correctness and completeness of order and contractor?s conformance to preservation/packaging, packing and marking requirements.

OIR - $1000.00 each
Repair - $13,264.25
Cost New - $33,250.00