Draft Maintenance Concept Remains Consistent with Prior Fiscal Year

Statement of Work (SOW)
for the Rebuild of the
Generator Engine for the Heavy Equipment Recovery Combat Utility Lift Evacuation
(HERCULES)
NSN 2920-00-441-8137

1.0 SCOPE. This Statement of Work (SOW) establishes, sets forth tasks and identifies the work efforts that shall be performed by the Contractor to rebuild the Generator Engine for the Heavy Equipment Recovery Combat Utility Lift Evacuation System (HERCULES), NSN 2920-00-441-8137, in support of the HERCULES, ID# 07769B, TAMCN E1378, NSN 2350-01-390-4683. (For the purpose of this SOW, Contractor is defined as the commercial or government entity performing the rebuild.) This document contains requirements to rebuild the Generator Engine for the HERCULES to Condition Code "A". Condition Code "A" is defined as "serviceable/ issuable without qualification, new, used, repaired, or reconditioned material which is serviceable/issuable to all customers without limitation or restriction, including materiel with more than six month shelf-life remaining".

1.1 Background. Rebuild is defined as "that maintenance technique to restore an item to a standard as near as possible to original or new condition in appearance, performance, and life expectancy. This is accomplished through a maintenance technique or complete disassembly of the item, inspection of all parts or components, repair or replacement of worn or unserviceable parts/elements using original manufacturing tolerances and/or specifications and subsequent reassembly of the item".

2.0 APPLICABLE DOCUMENTS. The following documents form a part of this SOW to the extent specified. Unless otherwise specified, the issues of these documents are those listed in the Department of Defense Index of Specifications and Standards (DODISS) and supplement there to which is in effect on the date of solicitation. In the event of conflict between the documents referenced herein and contents of this SOW, the contents of this SOW shall be the superceding requirement.

2.1 Military Standards

MIL-STD-129	DoD Standard Practice: Military Marking for Shipment and Storage
MIL-STD-2073-1D(1)	DoD Standard Practice for Military Packaging

2.2 Other Government Documents and Publications

DMWR 9-2815-247 dtd 30 Apr 03	Depot Maintenance Work Requirement (DMWR)

DoD 4000.25-1-M	Military Standard Requisitioning and Issue Procedures (MILSTRIP)
EM 0160 dtd 01 Jan 02	Electronic Manuals for the HERCULES Recovery Vehicle (CD ROM this manual in the publication system)
HERCULES WSI CD dtd Apr 01 Volumes 1 thru 3	Work Station Instruction CD Disassembly/Reassembly of the AVDS-1790-8CR Diesel Engine
HERCULES WSI CD dtd Mar 01	Work Station Instruction CD Preparation and Testing of AVDS-1790-8CR Diesel Engine

Military Handbooks (For Guidance)

MIL-HDBK-61	Configuration Management Guidance

2.3 Industry Standards

ANSI/ISO/ASQC Q9001-2000	Quality Management Systems-Requirements

Industry Standards (For Guidance)

ANSI/EIA-649	National Consensus Standard for Configuration Management

Copies of Military Standards and Specifications are available from the DoD Single Stock Point, Document Automation and Production Service, Building 4/D, 700 Robbins Avenue, Philadelphia, PA 19111-5094, commercial telephone number (215) 697-2179 or DSN 442-2179, or on the Internet at http://www.dodssp.daps.mil. Copies of other government documents and publications requirements shall be obtained through the Contracting Officer: Contracts Department (Code 891), P.O. Drawer 43019, 814 Radford Blvd., Marine Corps Logistics Command, Albany, Georgia 31704-3019, commercial telephone number (229) 639-6761 or DSN 567-6761. Copies of engineering drawings, if applicable shall be obtained from Supply Chain Management Center, Attn: Code 566-1A, 814 Radford Blvd., STE 20320, Albany, Georgia 31704-0320, commercial telephone number (229) 639-6476 or DSN 567-6476. Copies of the Work Station Instruction CDs can be obtained through the Commanding General, Marine Corps Systems Command, Attn: Wally Dawson (Code PMM142) (AFSS), 814 Radford Blvd., STE 20343, Albany, Georgia 31704-0343 commercial telephone number (229) 639-5088 or DSN 567-5088.

3.0 REQUIREMENTS

3.1 The Contractor shall rebuild the Generator Engine in accordance with DMWR 9-2815-247 dtd 30 Apr 03, EM 0160 dtd 01Jan 02, HERCULES WSI CD dtd Apr 01, Volumes 1 thru 3, and HERCULES WSI CD dtd Mar 01.

3.2 Quality acceptance and testing procedures will be performed in accordance with DMWR 9-2815-247 dtd 30 Apr 03, EM 0160 dtd 01 Jan 02, HERCULES WSI CD dtd Apr 01, Volumes 1 thru 3, and HERCULES WSI CD dtd Mar 01.

3.3 Quality Assurance Provisions. The Contractor shall provide and maintain a Quality System that, as a minimum, adheres to the requirements of ANSI/ISO/ASQC Q9001-2000, Quality Management Systems-Requirements.

3.4 Configuration Control. The Contractor shall apply configuration control procedures to established configuration items. The Contractor shall not implement any changes to an item's documented performance or design characteristics without receiving prior written authorization. Performance and design characteristics are defined by documents, publications listed in paragraph 2.0 of this SOW and any approved engineering drawings which comprise the HERCULES's technical data package. If it is necessary to temporarily depart from the authorized configuration, the Contractor shall prepare and submit a Request for Deviation. MIL-HDBK-61 and ANSI/EIA-649 provides guidance for preparing this configuration control document.

3.5 Government Furnished Equipment (GFE)/Government Furnished Materiel (GFM). The Management Control Activity (MCA) (Code 581-1B) will coordinate GFE/GFM requests and maintain a central control system on all government owned assets in the Contractor's possession. The MCA will forward a GFE Accountability Agreement to the Contractor for signature on an annual basis to establish a chain of custody and property responsibility for Marine Corps assets. The Contractor is to acknowledge receipt of GFM to the MCA within 15 days of receipt. This can be done by mailing a copy of the DD1348 to Materiel and Distribution Management Department, Management Branch, Management Control Activity (Code 581-1B), 814 Radford Blvd., STE 20320, Albany, Georgia 31704-0320, or faxing a copy to commercial telephone number (229) 639-5498 or DSN 567-5498. If Depot Source of Repair (DSOR) mandated, assets at repair facility will not be considered GFE/GFM.

3.6 Contractor Furnished Materiel (CFM). The Contractor may requisition materiel as required in the performance of the SOW through the DoD Supply System. DoD 4000.25-1-M (MILSTRIP), Chapter 11 provides guidance to Contractors on the requisitioning process. The Contractor's decision to utilize CFM procured from the DoD Supply System shall be based upon cost effectiveness, availability of materiel and the required completion/delivery date.

3.7 Packaging, Handling, Storage and Transportation (PHS&T)

a. The Contractor shall be responsible for preservation and packaging of item(s) being rebuilt under the terms of this SOW. Items scheduled for long-term storage or shipment to overseas destinations shall be in accordance with the Level "A" requirements of MIL-STD-2073-1D(1), Method 44. Items scheduled for domestic shipment for immediate use or short-term storage shall be in accordance with Level "B" requirements.

b. Marking for shipment and storage shall be in accordance with MIL-STD-129.

c. The Marine Corps will provide the Contractor with the shipping address(es) for delivery of the rebuilt equipment. The Contractor shall be responsible for arranging for shipment to the pre-designated site(s). The Marine Corps will be responsible for transportation costs associated with shipping the subject equipment to and from the Contractor.