

STATEMENT OF WORK (SOW)  
REBUILD OF  
CRANKSHAFT FOR ENGINE DIESEL, AVDS 1790-2DA  
NSN 2815-01-233-9709

1.0 Scope. This Statement of Work (SOW) establishes, sets forth tasks and identifies the work effort that shall be performed by the Contractor (for the purpose of this SOW, Contractor is defined as the commercial or government entity performing the rebuild) to rebuild the Crankshaft for Engine Diesel, AVDS 1790-2DA, NSN 2815-01-233-9709, in support of the M88A1 Recovery Vehicle, ID# 07769A, TAMCN E1377, NSN 2530-00-122-6826. This document contains requirements to restore the Crankshaft for Engine Diesel, AVDS 1790-2DA to Condition Code "A". Condition Code "A" is defined as "serviceable/issuable without qualification, new, used, repaired or reconditioned materiel which is serviceable and issuable to all customers without limitation or restriction, including materiel with more then six months 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 maintenance technique or complete disassembly of the item, inspection of all parts or components, repair or replacement of worn or unserviceable elements using original manufacturing tolerances and/or specifications and subsequent reassembly of the items."

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 thereto which is in effect on the date of solicitation. In the event of conflict between the documents referenced herein and the contents of this SOW, the contents of this SOW shall be the superseding requirements.

2.1 Military Standards.

MIL-STD-129	DoD Standard Practice for Military Marking
-------------	--

2.2 Other Government Documents and Publications.

DMWR 9-2815-220	Depot Maintenance Work Requirement (DMWR) - Engine with Container: Turbosupercharged, Diesel, Fuel Injection, 90-Degree "V" Type, Air-Cooled, 12-Cylinder Assembly AVDS-1790-2DR, 2815-00-124-5387
-----------------	--

DOD 4000.25-1-M	MILSTRIP Manual
-----------------	-----------------

NAVICPINST 4491.2A	Requisitioning of Contractor Furnished Material From the Federal Supply System
--------------------	--

12254249	Packaging Data Sheet (PDS)
----------	----------------------------

**Military Handbooks (For Guidance)*****MIL-HDBK-61******Configuration Management Guidance*****2.3 Industry Standard.**

ANSI/ISO/ASQC Q9003-1994 Quality Systems - Model for Quality Assurance in Final Inspection and Test

**Industry Standards (For Guidance)*****ANSI/EIA-649******National Consensus Standard for Configuration Management***

Copies of Military Specifications and Standards are available from the DOD Single Stock Point, Document Automation and Production Service, Building 4/D, 700 Robbins Avenue Philadelphia, Pa 19111-5094, Telephone commercial (215) 697-2179 or DSN 442-2179, or <http://www.dodssp.daps.mil>. Copies of other government documents and publications required by contractors in connection with specific SOW requirements shall be obtained through the Contracting Officer: Commander, Marine Corps Logistics Bases, (Code 891) Attn: Contracting Officer, 814 Radford Blvd; Albany, Georgia 31704-1128, commercial telephone number (229) 639-6761 or DSN 567-6761. Copies of engineering drawings, if applicable, shall be obtained from Life Cycle Management Center, Attn: Code 851-3, 814 Radford Blvd. Suite 20320, Albany, Georgia 31704-0320, commercial telephone number (229) 639-6410 or DSN 567-6410.

**3.0 Requirements.**

3.1 The contractor shall rebuild the Crankshaft in accordance with DMWR 9-2815-220.

3.2 The contractor shall perform quality acceptance and test procedures in accordance with DMWR 9-2815-220.

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 Q9003-1994, Quality Systems - Model for Quality Assurance in Final Inspection and Test.

3.4 Configuration Control. ***The contractor shall apply configuration control procedures to established configuration items. The contractor shall not implement configuration changes to an item's documented performance or design characteristics without prior written authorization. If it is necessary to temporarily depart from the authorized configuration, the contractor shall prepare and submit a Request For Deviation. MIL-HDBK-61 (paragraph 4.3 and Table 4-9) and ANSI/EIA-649 (paragraph 5.3.4) provide guidance for preparing these configuration control documents.***

3.5 Government Furnished Equipment (GFE)/Government Furnished Materiel (GFM). GFE is government owned equipment authorized by contract for use by a commercial/government

Contractor. It is neither consumed during production nor incorporated into any product. GFM is materiel furnished to a contractor that will be consumed during the course of production or incorporated into product being manufactured/remanufactured under a contract/statement of work. In the event the Marine Corps does have GFE/GFM requirements, the Management Control Activity (MCA/Code 827-2), Marine Corps Logistics Bases, Albany, Georgia, will coordinate required GFE and will maintain a central control on Marine Corps assets in the Contractor's possession. The MCA will forward a GFE Accountability agreement to the Contractor Facility for signature to establish a chain of custody and property responsibilities for Marine Corps assets.

3.6 Contractor Furnished Materiel The Marine Corps has adopted the Navy's procedures regarding Contractor Furnished Materiel (NAVICPINST 4491.2A). In the event that Contractor Furnished Materiel is required for repair parts, the contractor shall requisition through the DoD Supply System. DoD 4000.25-1-M, (MILSTRIP) Chapter 11 authorizes contractors to requisition through the DoD Supply System.

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

a. The contractor shall be responsible for preservation and packaging of items being repaired under the terms of this statement of work. All items scheduled for shipment to all destinations shall be in accordance with Level "A" requirements of Packaging Data Sheet (PDS) 12254249. The PDS may be obtained from Material Management Division, Attn: Logistics Support Section, Suite 20320, 814 Radford Blvd; Albany, Georgia 31704-0320, Commercial telephone (229) 639-6786 or DSN 567-6786.

b. Marking 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.

