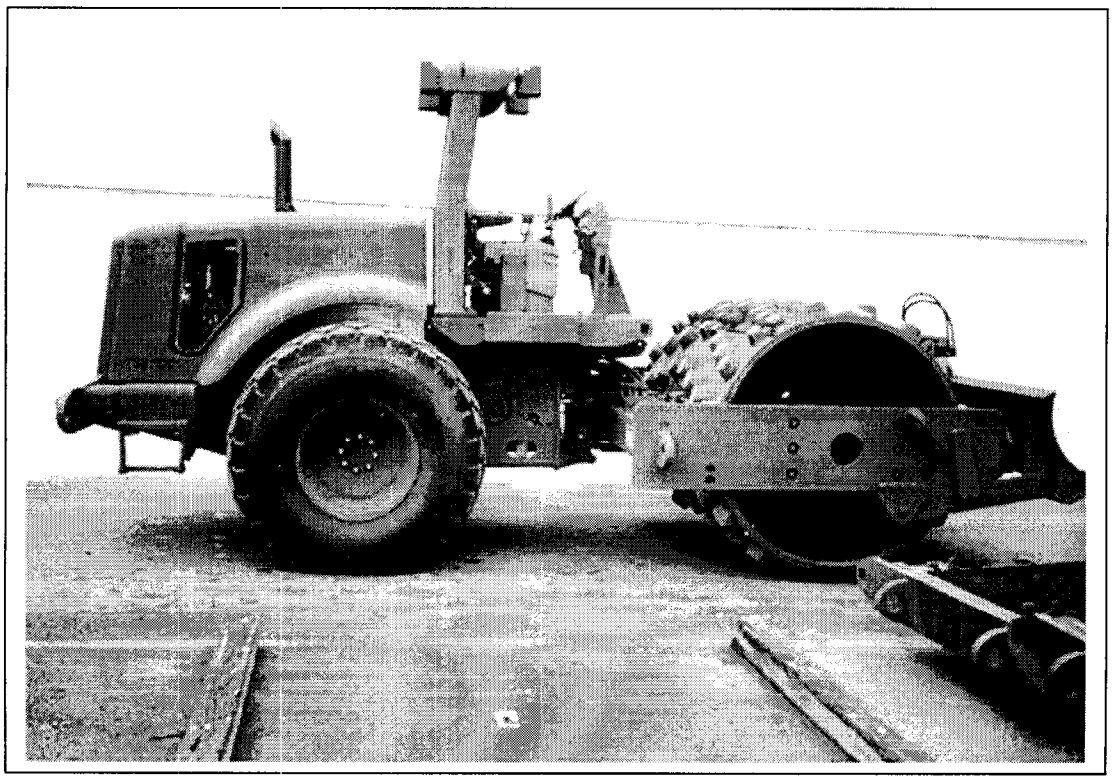
DRAFT
Maintenance Concept Remains Consistent With Prior Fiscal Year

STATEMENT OF WORK

FOR THE

REBUILD

ROLLER, VIBRATORY, SELF-PROPELLED



NSN 3895-01-453-8573

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STATEMENT OF WORK FOR THE REBUILD OF THE ROLLER, VIBRATORY, SELF-PROPELLED NSN 3895-01-453-8573

1.0 SCOPE. This Statement of work (SOW), establishes and sets forth tasks and identifies the work efforts that shall be performed by the contractor (for purpose of this SOW, Contractor is defined as the commercial or government entity performing the rebuild) in the Rebuild effort of the Roller, Vibratory, Self-Propelled, NSN 3895-01-453-8573, hereafter known as the Vibratory Roller. This document contains requirements to restore the Vibratory Roller 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 material with more than six months shelf life remaining. Questions related to this SOW should be addressed to Marine Corps Systems Command, Code PMM152, Bldg 3700, Room 310W, 814 Radford Blvd., Suite 20343, Albany, GA 31704-0343, commercial phone number (229) 639-6983, DSN 567-6983.

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 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, issues of these documents are those listed in the Department of Defense Index of Specifications and Standards (DODISS) and DoD Technical Publication System and supplement thereto which are 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 requirement.

2.1 Military Standards

MIL-STD-129	DoD Standard Practice: Military Marking For Shipment and Storage
MIL-STD-130	U.S. Military Property, Identification Marking of
MIL-STD-642	DoD Standard Practice for Identification Marking of Combat and Tactical Transport Vehicles.
MIL-STD-3003	Vehicles, Wheeled: Preparation for Shipment and Storage of

2.2 Other Government Documents And Publications

DoD 4000.25-1-M	Military Standard Requisitioning and Issue Procedures (MILSTRIP)
TM-4750-15/1	Painting and Registration Marking for Marine Corps Combat and Tactical Equipment
TM 3080-50	Corrosion Prevention and Control
TM 5-3895-383-10	Operator's Manual, Roller, Vibratory, Self-Propelled
TM 5-3895-383-24	Unit, Direct Support and General Support Maintenance Manual, Roller, Vibratory, Self-Propelled
TM 5-3895-383-24P	Unit, Direct Support, and General Support Repair Parts and Special Tools List, Roller, Vibratory, Self-Propelled
TM 4700-15/1H	Ground Equipment Record Procedures

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 Standards 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 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: Commanding General, Attn: Contracts Department (Code 891), P. O. Drawer 43019, 814 Radford Blvd., Marine Corps Logistics Command, Albany, GA 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., Suite 20320, Albany, GA 31704-0320, commercial telephone number (229) 639-6476 or DSN 567-6476.

3.0 REQUIREMENTS

3.1 General Tasks. In fulfilling the specified requirements, the contractor shall:

a. Perform a complete rebuild of the Vibratory Roller in accordance with TM 5-3895-383-10, TM 5-3895-383-24 and provisions of this SOW. Vibratory Roller parts list is contained within TM 5-3895-383-24P.

b. Provide materials, labor, facilities, repair parts, and missing parts necessary to inspect, diagnose, restore, and test the Vibratory Roller. Upon completion of the rebuild, the Vibratory Roller shall be Condition Code "A".

c. Provide all tools and test equipment required to test, inspect, and calibrate the Vibratory Roller.

d. Conduct final on-site testing for witness by a Marine Corps Systems Command (MCSC), Code PMM152, Albany, GA representative(s).

e. Conduct 100 percent replacement of hydraulic hoses.

f. Be responsible for all corrosion prevention and control in accordance with the latest TM-3080-50.

3.2 Detailed Tasks. The following tasks describe the different phases for rebuild of the Vibratory Roller:

3.2.1 Phase I – Pre-Induction. A Pre-Induction Inspection Analysis shall be performed for each Vibratory Roller to determine extent of work and parts required in accordance with TM 5-3890-383-24 and TM 5-3890-383-24P. If it is determined that the cost of repair exceeds the standard unit price or acquisition/replacement cost as imposed by current Marine Corps directives, or for any other reason, the contractor facility rejects a rebuild candidate, MCSC, Code PMM152, Albany, GA representative(s) shall be provided by the contractor facility, a completed copy of the Pre-Induction Checklist to include a cost estimate and a request for specific instructions to MCSC, Code PMM152, Albany, GA representative(s). MCSC, Code PMM152, Albany, GA retains the right to make the final decision to restore the end item to a serviceable (condition code "A") asset in the most expeditious manner to enhance Marine Corps readiness.

3.2.2 Phase II – Rebuild. After Pre-Induction Test and Inspections have been completed, repair of the Vibratory Roller shall be accomplished in accordance with this SOW at the contractor's facility. Deficiencies noted on the Pre-Induction Checklist during Phase I shall be repaired/replaced.

a. Data Plates And Decals. Each rebuilt Vibratory Roller shall have a Rebuild Data Plate affixed next to the existing Vibratory Roller Data Plate after Vibratory Roller has completed the rebuild cycle. The data plate shall meet the requirements of MIL-STD-130 and TM 4750-15/1.

The Virbratory Roller identification marking shall meet the requirements of MIL-STD-642. The Rebuild Data Plate shall contain the following information:

VIBRATORY ROLLER SERIAL NO._____
REBUILD IN ACCORDANCE WITH SOW-06-PMM152-10494A-1/1
CONTRACTOR FACILITY_____
DATE_____.

b. Hardware.

(1) Replace broken, unserviceable, and/or missing hardware including nuts, bolts, screws, washers, turnlock fasteners, etc., in accordance with TM 5-3890-383-24. Unserviceable would include any of the above that fail to function properly.

(2) Ensure proper hardware locking devices are present on all moving mechanical assemblies.

(3) Hardware normally supplied with commercial parts shall be used unless specifically prohibited.

(4) The contractor is authorized to fabricate "by example" any item/part for the Vibratory Roller for which an Engineering Drawing does not exist or for any other reason the government may approve. The hydraulic hoses are acceptable items for this method.

3.2.3 Phase III - Inspection, Testing And Acceptance

a. Inspection, testing and acceptance of the Vibratory Roller shall be conducted in accordance with provisions of this SOW, TM 5-3895-383-10, and TM 5-3895-383-24.

b. The Contractor shall be responsible for conducting required tests and shall ensure all necessary personnel are available to complete the Vibratory Roller final inspection. Acceptance tests shall be held at the Contractor Facility. MCSC, Code PMM152, Albany, GA representative(s) shall be given a minimum of two weeks notice prior to beginning acceptance testing. The test area shall be set up with all safety considerations incorporated (test area clearly defined, limit access to unauthorized vehicle and foot traffic, etc.).

c. The Contractor shall be responsible for correcting any deficiencies identified during inspection/testing. MCSC, Code PMM152, Albany, GA representative(s) may require the Contractor to repeat tests, or portions thereof, if the original tests fail to demonstrate compliance with this SOW.

d. Instruction Plates. The Vibratory Roller shall be equipped with instruction plates suitably located, describing any special or important procedures to be followed in operating and servicing the equipment. Plates shall be of a material which will last and remain legible for the life of the equipment, and shall be securely affixed thereto with nonferrous screws, rivets or bolts of not less than 1/8 inch diameter.

RECORD JACKET: All major equipment or components serial numbers that are replaced during the rebuid are to be identified by the Contractor for entry in the record jacket of the Vibratory Roller. Information will list the Vibratory Roller serial number, Name of equipment/component(s) replaced, serial number of deficiency equipment/component(s), serial number of replacement equipment/component(s), and if the equipment/component(s) is new or rebuilt.

3.3 Packaging,Handling, Storage, And Transportation (PHS&T)

a. The Contactor shall be responsible for preservation and packaging of item(s) being repaired under the terms of this statement of work. Items scheduled for long-term storage shall be in accordance with the Level "A" requirements of MIL-STD 3003. Items scheduled for domestic shipment for immediate use, or shipment to overseas destinations with the exception of Maritime Prepositioned Forces (MPF), shall be Level "B", Drive-on/ Drive-off. Items being prepared for overseas shipment shall have a label affixed which reads, "NOT FOR WEATHER DECK STOWAGE." Vibratory Roller scheduled for shipment to MPS shall be Level "B", MPS Modified Drive Away.

(1) The Terms Drive-on/Drive-off and MPF Modified Drive Away are defined as follows:

(a) Drive-on/Drive-off: Batteries will be hot and disconnected from vehicle electrical system. Terminals and leads will be taped. Fuel tank shall be filled ¼ full of JP-5/8. The air intake system, exhaust and brake systems, drive train and gauges are to be depreserved.

(b) MPF Modified Drive Away: Batteries shall be hot and connected to vehicle electrical system. Fuel tank shall be filled ¾ full of JP-5/8. The air intake system, exhaust and brake systems, drive train and gauges are to be depreserved. Fire extinguisher bracket and seats (all) shall be installed.

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

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

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 and ANSI/EIA-649 provide guidance for preparing this configuration control document. TM 5-3890-383-10 shall be used to deterime completeness of the Vibratory Roller.

3.4 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 identify property responsibilities 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, Distribution Management Branch, Management Control Activity (Code 581-1B) 814 Radford Blvd, STE 20320, Albany, GA 31704-0320 or faxing a copy to commercial telephone number (229) 639-5498 or DSN 567-5498.

3.5 Contractor Furnished Materiel (CFM). The contractor may requisition materiel as required in the performance of this SOW through the DOD Supply System. DOD 4000.25-1-M (MILSTRIP), Chapter 11, provides guidance to contractors on the requisition 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.

3.6 Quality Assurance Provisions. The performance of the Contractor and the quality of work delivered, material provided and documents written shall be subject to in-process review and inspection by MCSC, Code PMM152, Albany, GA representative(s) during contract performance. Inspection may be accomplished at any work location. Authorized MCSC, Code PMM152, Albany, GA representative(s) shall be permitted to observe the work/task accomplishment or to conduct inspections within contractor's normal working hours. Acceptance tests shall be held in-plant. Inspection by MCSC, Code PMM152, Albany, GA representative(s) of all acceptance tests plans, materials and associated lists furnished hereunder does not relieve the contractor from any responsibility regarding defects or other failures to meet contract requirements which may be disclosed prior to final acceptance. 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. The contractor work shall be subject to in-process reviews and inspections for compliance with Quality Systems by MCSC, Code PMM152, Albany, GA representative(s). Noncompliance with procedures resulting in degraded quality of work may result in a stop-work order requiring action by the contractor to correct the work performed and to enforce compliance with quality assurance procedures or face contract termination. Notwithstanding such, MCSC, Code PMM152, Albany, GA representative 's inspection, it shall be the contractor responsibility to ensure that the entire system meets the performance requirements delineated and addressed in the Vibratory Roller and in this SOW. The contractor will not be subject to government oversight if the contractor has been ISO-9001 qualified or certified with a 2ND or 3RD party certification. The discovery of non-conforming product or service shall lead to government oversight until the contractor is re-qualified or recertified by 2ND and $3^{RD\ party}$ auditing service.

Quality assurance operations performed by the contractor shall be subject to the MCSC, Code PMM152, Albany, GA representative (s) verification at any time. MCSC, Code PMM152, Albany, GA representative(s) verifications can include, but shall not be limited to the following:

a. Inspection of materials, products, assemblies, and documentation to assess compliance with quality standards.

b. Surveillance of operations to determine that quality assurance, practices, methods, and procedures are being properly applied.

c. Inspections of deliverable products to assure compliance with all requirements of the Vibratory Roller, this SOW, and applicable documents used herein.

d. Failure of the Contractor to promptly correct deficiencies discovered, shall be a reason for suspension of acceptance until corrective action has been made.

3.7 Acceptance. The performance of the contractor and the quality of work delivered, including all equipment furnished and documentation written or compiled shall be subject to in process review and inspection during performance. Inspection may be accomplished in plant or at any work site or location, and MCSC, Code PMM152, Albany, Ga representative(s) shall be permitted to observe the work or to conduct inspection during normal Contractor's working hours. Final inspection and acceptance testing shall be conducted at the contractor facility. Final acceptance shall be conducted on 100 percent of items to verify that the units meet all requirements. Failure of the contractor to promptly correct deficiencies discovered shall be a reason for suspension of acceptance until corrective action has been made.

3.8 Rejection. Failure to comply with any of the specified requirements listed herein shall be reason for rejection by MCSC, Code PMM152, Albany, Ga representative(s). The contractor at no additional cost to the Marine Corps shall provide the following:

a. Develop an approach for modification or correction of all deficiencies.

b. On approval of a documented approach, the contractor shall correct the deficiencies and repeat verification until acceptable compliance with acceptance test procedures is demonstrated.

4.0 REPORTS. The following reports shall be provided to Commanding General, MCSC, (Code PMM152), 814 Radford Blvd., Suite 20343, Albany, Georgia, 31704-0343. Reports required by this SOW may be duplicated and provided by the Contractor by electronic means. Microsoft Software is preferred but Contractor format may be accepted if agreed to prior to submission.

4.1 Final Inspection Checklist. The Contractor shall provide one copy, per vehicle of the Final Inspection Checklist for each Vibratory Roller repaired. NAVMC 10560, Worksheet for Preventive Maintenance Checks and Services and Technical Inspection for Engineer Equipment found in TM 4700-15/1 shall be used to document the final inspection. Contractor may use contractor owned inspection reports however, these reports shall contain the same inspection points as NAVMC 10560 as applicable to the Vibratory Roller. Contractor owned inspection reports shall be modified, if necessary, as directed by MCSC, Code PMM152, Albany, GA. These documents shall be available during final acceptance testing. One copy of each document

shall be provided to MCSC, Code PMM152, Albany, GA after final acceptance of the Vibratory Roller.