

26 MAR 2004

SECTION C

STATEMENT OF WORK

FOR REPAIR OF THE

DYNAMIC REFERENCE UNIT HYBRID (DRUH)

Prepared by

**TANK - AUTOMOTIVE AND ARMAMENTS COMMAND – ROCK
ISLAND**

CENTER FOR FIELD ARTILLERY AND MORTAR SYSTEMS

AMSTA-LC-CSFQ

1. SCOPE

This requirement pertains to repair of the Dynamic Reference Unit Hybrid.

2. APPLICABLE DOCUMENTS

2.1. Military Specifications.

MIL-PRF-71185 Performance Specification Dynamic Reference Unit Hybrid (DRUH)

MIL-D-70789 Performance Specification Dynamic Reference Unit (DRU)

2.2. Military Standards.

MIL-STD-129 Standard Practice for Military Marking

2.3. Industry/Commercial.

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

2.4. Regulations

FAR Federal Acquisition Regulation

2.5. Other.

DoD 4160-21-M-1 Defense Demilitarization Manual

3. REQUIREMENTS

3.1. Major Item. The DRUH consists of part number (PN) 12967900, national stock number (NSN) 6605-01-422-0715.

3.2. Scope. The contractor shall supply the necessary labor, parts, material, equipment, services, and, facilities needed to return any Government-owned DRUH to condition code A (serviceable - issuable without qualification) IAW the requirements contained herein.

3.3. Estimated quantities. The approximate repair quantities are as follows:

	CY2004	CY2005	CY2006	CY2007	CY2008
	-----	-----	-----	-----	-----
DRUH	25	25	25	25	25

3.4. Turn-ins. Government personnel in the field will examine a defective DRUH and ascertain whether it requires repair to be performed by the contractor. If necessary repairs warrant the return of a DRUH, it will be packed in a Government-approved container and forwarded to the contractor for repair. This Government-approved container shall also be used for return shipment of the DRUH. Any unserviceables will be forwarded to the contractor with the Tank-automotive and Armaments Command - Rock Island (TACOM-RI) document number W52H09.

3.5. Repairs. Repair of all systems shall be accomplished at the contractor or subcontractor site. The repair will include, as necessary, unpacking, disassembly, inspection, diagnosis, removal and replacement of subassemblies/component parts, reassembly, cosmetic work (when necessary to prevent further deterioration), calibration, final testing/inspection, and packing for shipment. Only parts equivalent to new in performance shall be used in effecting repairs.

3.6. Upgrades. Any DRU (PN 9396270, NSN 6605-01-334-9447) received shall be upgraded to the DRUH configuration.

3.7. Mandatory Replacement Parts. There are no mandatory replacement parts.

3.8. Maintenance Expenditure Limit (MEL). The contractor is authorized to start repair diagnosis immediately upon receipt of a unit with proper documentation, i.e. a TACOM-RI document number W52H09. Repair shall be made to any DRUH provided that the repair cost does not exceed the MEL. Any DRUH whose repair cost exceeds the MEL shall be retained by the contractor as Government-owned property until instructions are received from the Contracting Officer (CO) concerning repair or disposition. The contractor shall dispose of non-repairable items IAW applicable federal, state and local regulations when directed by the CO. The MELs are as follows:

(\$)	CY04	CY05	CY06	CY07	CY08
	-----	-----	-----	-----	-----
DRUH	17500	18100	18600	19200	19700

3.9. Demilitarization. Electronic components and assemblies that are beyond economical repair and that are coded with a demilitarization (DEMIL) code of "D" will be rendered unfit for their intended use in accordance with Defense Demilitarization Manual DoD 4160-21-M-1.

3.10. Turnaround Time. The contractor shall establish an average turnaround time of 60 days for repair of a unit. Turnaround time is defined as the time in days from receipt of a unit at the contractor's dock to the time it is ready for shipment.

3.11. Quality.

3.11.1. Quality Control. Imperfections such as scratches, blotches, or runs in the paint, and minor dents or nicks shall not be used as rejection criteria for repaired assemblies or components.

3.11.2. Acceptance. Acceptance will be based on requirements in MIL-PRF-71185.

3.12. Deliverables.

3.12.1. Repair Reports. The contractor shall maintain records of repairs on all items sent in for repair during the life of the contract. This record shall consist of a report for each DRU/DRUH to be prepared IAW Contract Data Requirements List (CDRL) (DD Form 1423) A001 (DI-ILSS-80386) and submitted as indicated in the CDRL. Any PN changes due to obsolescence (of parts replaced during the repair) shall be indicated in the report. For those reporting periods in which there are no inductions, cite: "No activity in this reporting period." Each DRUH stored temporarily due to part(s) shortage shall be listed by document number on the monthly report and annotated: "Temporarily stored due to repair part(s) shortage". The report shall contain a record of the elapsed time indicator reading for each DRUH removed from a weapon system.

3.12.2. Accountability Requirements. Accountability requirements for normal repair of Army assets are described at Addendum I.

3.12.3. Performance and Cost Report. A Performance and Cost Report shall be delivered IAW Data Item No. A005 (DI-FNCL-80912).

3.13. Phaseout. Work under this contract may be ordered at any time prior to the contract's expiration. To the extent necessary to complete the last work order, a phaseout period of up to 60 days shall be added. This phaseout period will provide for:

- a. Completion of work in process.
- b. Transfer of Government accountable property to a Government facility.
- c. Delivery of monthly reports throughout the phaseout period.

ADDENDUM I

Accountability Instructions

1. The Government is required to retain property accountability for all assets being repaired upgraded, or modified. Therefore, applicable Army regulations rather than the Federal Acquisition Regulation (FAR) govern the practices and procedures necessary for recording receipts, discrepancies, inventories, adjustments, and shipments by the contractor.

2. Point of contact for accountability.

Associate Deputy, Commodity Business Operations
Rock Island Site Manager
ATTN: AMSTA-LC-CIAI
Rock Island, IL 61299-7630
Commercial Phone: 309-782-5291

3. Materiel Receipt by Contractor.

a. Reporting of Receipts. The contractor shall receive assets from the Government and shall perform an inspection and inventory within the time specified by CDRL A002 (DI-MGMT-80442). Assets received shall be reported by NSN, quantity, condition code, document number, and serial number of receipt IAW CDRL A002. Reporting data may be obtained from DD Form 1348-1A, DOD Single Line Item Release/Receipt Document accompanying the receipt or from other documentation provided. If assets are received with a document number other than W52H09__, contact the POC listed below for assignment of a document number prior to induction for repair, upgrade, or modification.

Associate Deputy, Commodity Business Operations
Rock Island Site Manager
ATTN: AMSTA-LC-CIMD
Rock Island, IL 61299-7630
Commercial Phone: 309-782-6396
E-mail: noel@ria.army.mil

b. Discrepancy Reporting. Discrepancies shall be distinguished and reported as one of the following:

(1) Transportation-type Discrepancy. This discrepancy is evident when material received disagrees with the condition, quantity or type from that property described on the bill of lading or other transportation documents. A report of discrepancy shall be delivered IAW CDRL A003 (DI-MGMT-80554A).

(2) Shipping-type Discrepancy. This discrepancy is evident when freight is opened and the contents do not agree with the supply shipping documents. A report of discrepancy shall be delivered IAW CDRL A004 (DI-MGMT-80503).

c. Status of Repairable Assets. Status of repairable assets shall be provided by the Report of Receipts, Inventory, Adjustments and Shipments of Government Property, IAW CDRL A002.

4. Component Removal. Components that are removed from the item being repaired, upgraded, or modified and not reassembled to the repaired item shall be reported IAW CDRL A002.

5. Shipment of Repaired, Upgraded, or Modified Items.

a. General. Upon completion of repair, upgrade, or modification, the contractor shall return the asset to the following:

**Transportation Officer
Defense Distribution Depot - Susquehanna
New Cumberland, PA 17070-5001**

b. Disposition. Disposition may be prearranged for delivery to a different location with a provision for exception.

See Microsoft Word document filename: CAV.doc for additional requirements.

SECTION D

PACKAGING AND MARKING

1. The DRUH shall be packed to Level A for shipping and storage. Several Level A containers types are approved for the DRUH.

Metal Drum IAW SPI P9396270

Wooden Crate IAW Honeywell SPI HG9715A

Pelican #1660 IAW Honeywell SPI HG9715A

The metal Drums and Wooden Crates should be used when returned to Honeywell in serviceable condition. Replacement Level A containers will be the Pelican #1660 with high-density foam. The Pelican #1660 will be provided GFE by the TACOM Item Manager, as required to support the contract deliveries.

2. For TACOM-RI directed immediate use shipments to the end user, Honeywell Level C packing is authorized, if Level B, Fast Pack (NSN 8115-01-015-1312) is out of stock.

3. Marking shall be IAW MIL-STD-129. In addition, mark package: "CONTRACTOR REPAIRED" and REUSABLE CONTAINER".

Alternately, the DRUH shall be packed in PN PPP-B-1672, NSN 8115-01-015-1312.

2. Marking shall be IAW MIL-STD-129. In addition, mark package: "CONTRACTOR REPAIRED" and "REUSABLE CONTAINER."

SECTION E

INSPECTION AND ACCEPTANCE

The contractor shall establish and maintain an inspection system IAW ANSI/ISO/ASQ Q9001-2000 or a Government-approved system. Upon completion of repair work by the contractor or subcontractor, inspection and acceptance of repaired units will be made by Government quality assurance personnel by DD Form 250 at the contractor's (subcontractor's) plant or at the packaging facility. Quality Assurance standards applicable to this order are set forth in Section C - STATEMENT OF WORK.

OZONE DEPLETING CHEMICAL (ODC) STATEMENT

There are no requirements for the use of ODCs in this SOW.