

PART I - ~~DESCRIPTIONS~~ - DESCRIPTION/SPECIFICATIONS

In addition to the Item Description, Drawing(s) and/or Specification(s) listed below, Preservation/Packaging/Packing and Inspection and Acceptance documents are contained elsewhere herein (Sections D & E respectively).

PRODUCT ENGINEERING REQUIREMENTS

The following Item Description, Drawing(s) and/or Specification(s) represent minimum Government requirements and are applicable to this Procurement.

National Stock Number (NSN): 4320-01-141-8237

PUMP, TRANSFER (PUMPING UNIT, HYDRAULIC):

In accordance with Army Drawing 13221E6735 Rev G dated 31 JAN 94 with the following exceptions:

In Zones B1 and B2, delete "SOURCE CONTROL DRAWING" and substitute "VENDOR ITEM DRAWING."

In Zone A5, delete "APPROVED SOURCE OF SUPPLY", and substitute "SUGGESTED SOURCE OF SUPPLY"

In Zone B5, delete the note that begins with "ONLY THE ITEM DESCRIBED ON THIS DRAWING..."

In Zone C1, delete "ELEMENT" and substitute "FILTER ELEMENT, SCHROEDER INDUSTRIES A-3, OR EQUAL."

In Zone C5, note 2, delete "WEIGHT - 28-30 DRY LBS" and substitute "DRY WEIGHT - 30 LBS MAX."

In Zone C5, delete note 3 in its entirety and substitute, "3. ELECTRIC MOTOR SHALL BE SINGLE PHASE, 60 HZ, 115/230 VOLTS."

In Zone B3-4, change "SLIDE LEVER TYPE SWITCH" to "SLIDE LEVER TYPE SWITCH (REF)."

In order to assure supportability, the filter element supplied with the pump shall be compatible with and interchangeable with the Schroeder A-3 filter element.

This Transfer Pump is used on the end item HYDRAULIC SYSTEMS TEST & REPAIR UNIT (HSTRU), NSN 4940-01-036-5784.

Specifications and Standards referenced in the above cited applicable document(s) (drawings, parts lists, specifications) shall be the effective issue or revision in effect as listed in the Department of Defense Index of Specifications and Standards (DODISS) dated 1 JUL 98 and the supplement dated 1 JAN 99.

PRON: T28CAEXX

PART I - ~~DESCRIPTION~~ - DESCRIPTION/SPECIFICATIONS

QUALITY ENGINEERING REQUIREMENTS (continued)

TABLE I. CODE LETTERS (CL) FOR SAMPLING PLAN SELECTION

Lot or Production Interval Size	Verification Levels						
	I	II	III	IV	V	VI	VII
	Code Letters						
2 to 170	A	A	A	A	A	A	A
171 to 288	B	A	A	A	A	A	A
289 to 544	C	B	A	A	A	A	A

a. The term lot or production interval size is defined as a homogeneous collection of units of product from which a representative sample is drawn and inspected 100 percent to determine conformance with applicable requirements.

b. Homogeneity shall be considered to exist provided the inspection lot has been produced by one manufacturer, in one unchanged process, using the same materials and methods in accordance with the same drawings, specifications and their related revisions.

c. Units selected for inspection shall represent only the inspection lot from which they are drawn and shall not be construed to represent any prior or subsequent quantities presented for inspection.

PART I - ~~REVISIONS~~ - DESCRIPTION/SPECIFICATIONS

QUALITY ENGINEERING REQUIREMENTS

The following Item, Description, and Documents are applicable to this procurement with the Additions and Exceptions noted.

ITEM: PUMP, TRANSFER (PUMPING UNIT, HYDRAULIC)

DESCRIPTION: As described in the Product Engineering Requirements, Part I - Section C - Description /Specifications, including all additions and exceptions.

APPLICABLE DOCUMENTS:

Army Drawing 13221E6735 Rev G dated 31 JAN 94 with revisions as listed on Part I - Section C of Product Engineering Requirements.

ADDITIONS AND EXCEPTIONS:

1. Responsibility for inspection. Unless otherwise specified in the contract, the supplier is responsible for the performance of all inspection requirements as specified herein. Except as otherwise specified in the contract, the supplier may use his own or any other facilities suitable for the performance of the inspection requirements specified herein, unless disapproved by the Government. The Government reserves the right to perform any of the inspections set forth in the specifications where such inspections are deemed necessary to assure supplies and services conform to prescribed requirements.

2. Quality conformance inspection. Quality conformance inspection shall be applied to production units being offered for acceptance under the contract. The inspection shall consist of a and b as follows and failure of any unit to pass these inspections or tests shall be cause for rejection of the unit.

- a. Product examination (para. 3.)
- b. Packaging inspection (para. 4.)

3. Product examination. The production units shall be examined to determine compliance with Army drawings, parts lists, and specifications in the contract including any exceptions and additions noted in the Product Engineering Requirements, Part I - Section C - Description/Specifications.

4. Packaging inspection. The item shall be inspected before and after packaging to determine compliance with the preservation, packaging, packing, and marking requirements specified in Section D of the contract.

5. Sampling. Sampling for quality conformance inspection shall be in accordance with TABLES I and II using Verification Levels (VL) listed, unless the contract specifies others, or 100% inspection is specified. The VL and Code Letter (CL) from Table I determine the sampling plan required to assess product compliance to contract and specification requirements.

Inspection or Test

Verification Level

Product examination (para. 3.)	IV
Packaging inspection (para. 4.)	II

PART I - ~~SECTION 1~~ - DESCRIPTION/SPECIFICATIONS

QUALITY ENGINEERING REQUIREMENTS (continued)

6. Attributes sampling plans. The attributes sampling plans for lots or production intervals are described in Table II.

a. The lot or batch shall be considered acceptable only if no nonconforming units are found upon inspection of the random sample of the size listed in Table II.

b. The VL stated in the contract shall be considered the normal stage and shall continue unchanged as long as the product quality is consistent or exceeds specified requirements.

c. Lots or production intervals that consistently meet or exceed all requirements of this procurement action may result in the Government allowing the Contractor to use reduced sampling levels.

d. If it becomes evident that product quality is deteriorating tightened inspection sampling levels may be required by the Government until it is evident that product quality has returned to the required quality.

TABLE II. ATTRIBUTES SAMPLING PLANS.

Code Letter	Verification Levels								
	R	I	II	III	IV	V	VI	VII	T
	Sampling Size								
A	3	5	12	32	80	192	512	1280	3072
B	3	6	16	40	96	256	640	1536	4096
C	3	8	20	48	128	320	768	2048	5120

Notes:
 (1) When the lot size is less than or equal to the sample size, 100 percent attributes inspection is required.
 (2) One verification level (VL) to the left/right of the specified normal VL is the respective reduced/tightened plan.

PART - ~~XXXXXXXXXX~~ - DESCRIPTION/SPECIFICATIONS

QUALITY ENGINEERING REQUIREMENTS (continued)

7. Source control drawings. The following instructions are applicable to components identified on Source Control Drawings: The contractor shall provide a Certificate of Conformance (COC) certifying that each component offered to the government for acceptance was obtained from a vendor specified on the drawing and that each part number is as specified. A COC from the contractor or component manufacturer certifying that the component meets all design and functional requirements shall also be provided to the government by the contractor. The minimum requirements for the COC are given in Paragraph 8. Applicable drawing is 13221E6735 Rev G dated 31 JAN 94.

8. Certificate of Conformance. The contractor shall make the COC available to the government prior to or with the request to perform acceptance inspection approval by the government. This is in addition to, and not in lieu of, any rights of the government under this contract or law. A COC may be used as an element incident to, but not be used as the sole base, for government acceptance of contract item(s) unless so indicated in the technical documentation or contract. As a minimum, the COC shall contain the following:

- a. Name of company and date.
- b. Contract or purchase order number, national stock number and drawing number.
- c. Complete nomenclature of the item together with lot number or other identification. The quantity in each lot or shipment shall be given.
- d. A statement, as follows, certifying that the item meets all requirements of the contract:

"The undersigned, individually, and as the authorized representative of the contractor, warrants and represents that: All the information supplied above is true and accurate; the item covered by this certificate conforms to all contract requirements (including but not limited to the drawings and specifications) and this certificate is made for the purpose of including payment with the knowledge the information and certification may be used as a basis for payment."

- e. Signature and title of certifying official.

~~NSN: 4320-01-141-8237~~

~~PRON: T28CAEXX~~

PART I - ~~XXXXXXXXXX~~

PACKAGING

NSN: 4320-01-141-8237

ITEM: PUMP, TRANSFER (PUMPING UNIT, HYDRAULIC)

Preservation/Packaging Packing shall be commercial in accordance with ASTM-D-3951. The unit package quantity shall be one each.

Additional Requirements:

If oak or chestnut wood products are used in the performance of this contract, these wood or wood products must be free of all bark.

Workmanship shall be such that when proper procedure is followed, materials and equipment being processed will be provided the maximum protection against corrosion, deterioration and be suitable for storage to the level of packaging specified.

Unless otherwise specified herein, shipments to the same destination of identical items having a total packaged displacement exceeding 50 cubic feet shall be palletized unless forklift handling features such as skids, are included on containers.

Marking Requirements:

Container markings shall be in capital letters of equal height, shall be proportionate to the available marking space and shall contain the following information:

Unit packs and intermediate containers shall contain the following information in the order listed:

- a. NSN/NATO stock number.
- b. CAGE code of the company awarded the contract and part number of the item as specified in the contract.
- c. Quantity and unit of issue
- d. Level of protection and date packed.
- e. Contract or purchase order number.

Markings on the shipping container shall be grouped into three distinct categories, identification markings, contract data markings and address markings.

PRON: T28CAEXX

PART I - ~~SECRET~~ (CONTINUED)

PACKAGING

NSN: 4320-01-141-8237

ITEM: PUMP, TRANSFER (PUMPING UNIT, HYDRAULIC)

Identification Markings:

- a. NSN/NATO stock number.
- b. CAGE code of the company awarded the contract and part number of the item as specified in the contract.
- c. Quantity and unit of issue.
- d. Level of protection and date packed.
- e. Gross weight and cube.
- f. Item description or nomenclature.

Contract Data Marking:

The contract data marking, placed under the identification markings, shall consist of the contract or purchase order number.

Address Markings:

The address markings, placed to the right of the identification and contract data markings (if space is available) shall consist of the following information in the order shown.

- a. Control number or reference number (as a minimum, the Transportation Control Number (TCN) shall be provided as the single standard shipment identification number).
- b. FROM MILITARY: Name and address of consignor (DOD Activity Address Code (DODAAC) and in the clear address if applicable).

FROM CONTRACTOR: Name and address of the contractor (including nine-digit zip code).

When supplies are shipped from a subcontractor, only the name and address of the company awarded the contract shall be used.

- c. TO: Name and address of consignee (DOD Activity Address Code (DODAAC) and in the clear address if applicable).
- d. Piece number and total pieces (if more than one shipping container is used for the order).

In addition to the above information, the NSN/NATO stock number shall be bar coded on the unit packs and intermediate containers. The following shall be bar coded on the shipping container. All bar coding shall use the 3 of 9 format in accordance with ANSI MH10.8M.

- a. NSN/NATO stock number.

- b. Contract or order number.
- c. CAGE code of the company awarded the contract.
- d. Contract Line Item Number (CLIN) if applicable.

PRON: T28CAEXX

CLIN 0001 – HYDRAULIC PUMPING UNIT, NSN: 4320-01-141-8237

THE OFFEROR SHALL FILL IN ONLY THE BLOCKS FOR UNIT PRICE . ALL OTHER SPACES ARE FOR GOVERNMENT EVALUATION.

PRICING PERIOD 1:

QUANTITY ORDERING RANGE	UNIT PRICE	WEIGHT	WEIGHTED UNIT PRICE	X	BUY QTY	=	TOTAL PRICE
MIN: 0 - 15	\$ _____	.50	\$ _____				
MAX: 16 - 30	\$ _____	.50	\$ _____				
TOTAL WEIGHTED AVERAGE UNIT PRICE:			\$ _____	X	30	=	\$ _____

CLIN 0001 – HYDRAULIC PUMPING UNIT, NSN: 4320-01-141-8237

THE OFFEROR SHALL FILL IN ONLY THE BLOCKS FOR UNIT PRICE . ALL OTHER SPACES ARE FOR GOVERNMENT EVALUATION.

PRICING PERIOD 2:

QUANTITY ORDERING RANGE	UNIT PRICE	WEIGHT	WEIGHTED UNIT PRICE	X	BUY QTY	=	TOTAL PRICE
MIN: 0 - 15	\$ _____	.50	\$ _____				
MAX: 16 - 30	\$ _____	.50	\$ _____				
TOTAL WEIGHTED AVERAGE UNIT PRICE:			\$ _____	X	30	=	\$ _____

CLIN 0001 – HYDRAULIC PUMPING UNIT, NSN: 4320-01-141-8237

THE OFFEROR SHALL FILL IN ONLY THE BLOCKS FOR UNIT PRICE . ALL OTHER SPACES ARE FOR GOVERNMENT EVALUATION.

PRICING PERIOD 3:

QUANTITY ORDERING RANGE	UNIT PRICE	WEIGHT	WEIGHTED UNIT PRICE	X	BUY QTY	=	TOTAL PRICE
MIN: 0 - 15	\$ _____	.50	\$ _____				
MAX: 16 - 30	\$ _____	.50	\$ _____				
TOTAL WEIGHTED AVERAGE UNIT PRICE:			\$ _____	X	30	=	\$ _____

CLIN 0001 – HYDRAULIC PUMPING UNIT, NSN: 4320-01-141-8237

THE OFFEROR SHALL FILL IN ONLY THE BLOCKS FOR UNIT PRICE . ALL OTHER SPACES ARE FOR GOVERNMENT EVALUATION.

PRICING PERIOD 4:

QUANTITY ORDERING RANGE	UNIT PRICE	WEIGHT	WEIGHTED UNIT PRICE	X	BUY QTY	=	TOTAL PRICE
MIN: 0 - 15	\$ _____	.50	\$ _____				
MAX: 16 - 30	\$ _____	.50	\$ _____				
TOTAL WEIGHTED AVERAGE UNIT PRICE:			\$ _____	X	30	=	\$ _____

CLIN 0001 – HYDRAULIC PUMPING UNIT, NSN: 4320-01-141-8237

THE OFFEROR SHALL FILL IN ONLY THE BLOCKS FOR UNIT PRICE . ALL OTHER SPACES ARE FOR GOVERNMENT EVALUATION.

PRICING PERIOD 5:

QUANTITY ORDERING RANGE	UNIT PRICE	WEIGHT	WEIGHTED UNIT PRICE	X	BUY QTY	TOTAL PRICE
MIN: 0 - 15	\$ _____	.50	\$ _____			
MAX: 16 - 30	\$ _____	.50	\$ _____			
TOTAL WEIGHTED AVERAGE UNIT PRICE:			\$ _____	X	30	= \$ _____
