

Name of Offeror or Contractor:

SECTION A - SUPPLEMENTAL INFORMATION

1. The purpose of this amendment 0004 to Request for Proposals (RFP) W56HZV-04-R-0037 is to:

a. Establish a cutoff date for the receipt of questions as 7 June 2004.

b. Amend the date specified for receipt of offers

from: 2004JUN07 03:00pm

to: 2004JUN14 03:00pm

c. Delete the option for Distance Learning. As a result of this deletion, the following changes to the RFP are made as shown on the attached continuation sheets:

(1) Delete CLIN 0150AA entitled "OPTION - DISTANCE LEARNING" and replace with CLIN 0150AA entitled "RESERVED."

(2) Delete CLIN 0121 DATA ITEM A015 entitled "DATA ITEM" (NOUN: DISTANCE LEARNING) and replace with CLIN 0121 DATA ITEM A015 entitled "RESERVED" (NOUN: RESERVED).

(3) Delete CDRL A015 entitled "DISTANCE LEARNING PACKAGE" from the Contract Data Requirements List in Section J and replace with CDRL A015 entitled "RESERVED."

(4) Delete paragraph H.1.2 entitled "Distance Learning Package (Priced Option)" and replace with paragraph H.1.2 entitled "RESERVED, changed by amendment 0004)."

(5) Delete reference to option for a Distance Learning Package in Section C, paragraph C.2.2.

d. Change Section C, paragraph C.3.1

from: C.3.1 Changes to ATPD 2336B

to: C.3.1.1 Changes to ATPD 2336B Dated 10 Mar 2004. These changes take precedence over ATPD 2336B dated 10 Mar 2004 that was issued as Attachment 002 to RFP W56HZV-04-R-0037 dated 2004APR09.

e. Change Section C, paragraph C.3.1.1 which states "Delete the 4th sentence of paragraph 3.5.9.7 and replace with: "The tankrack shall be provided with an automatic shutoff level control device to prevent over filling under all loading operations including recirculation, defueling and bottom loading" to paragraph C.3.1.1.1.

f. Change Section C, paragraph C.3.1.1.1 (previously numbered C.3.1.1)

from: Delete the 4th sentence of paragraph 3.5.9.7 and replace with: "The tankrack shall be provided with an automatic shutoff level control device to prevent over filling under all loading operations including recirculation, defueling and bottom loading."

to: Delete the 4th sentence of paragraph 3.5.9.7 and replace with: "The tankrack shall be provided with an automatic shutoff control device to prevent overfilling the tankrack under all bottom loading operations to include recirculating and defueling."

g. Add paragraphs C.3.1.1.2 through C.3.1.1.7 to Section C to incorporate changes to ATPD 2336B dated 10 Mar 2004 as shown on the attached continuation sheets.

h. Change Section C, paragraphs C.20 through C.20.2

from: "Distance Learning Package(s) - Option

to: "Reserved, changed by amendment 0004."

i. Change reference to Distance Learning (option) in Section L, Paragraph L.4.2 to RESERVED.

2. All other terms and conditions of RFP W56HZV-04-R-0037 remain unchanged.

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ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
	SECTION B - SUPPLIES OR SERVICES AND PRICES/COSTS				
0121	<p><u>DATA ITEM</u></p> <p>SECURITY CLASS: Unclassified</p>				
A015	<p><u>RESERVED</u></p> <p>NOUN: RESERVED SECURITY CLASS: Unclassified</p> <p>(Changed by amendment 0004)</p> <p>(End of narrative B002)</p>	1	LO	\$ <u> ** NSP ** </u>	\$ <u> ** NSP ** </u>
	<u>Packaging and Marking</u>				
0150AA	<p><u>RESERVED</u></p> <p>NOUN: RESERVED</p> <p>(Changed by amendment 0004)</p> <p>(End of narrative B002)</p>	1	EA	\$ _____	\$ _____
	<p><u>Inspection and Acceptance</u></p> <p>INSPECTION: Origin ACCEPTANCE: Origin</p>				

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SECTION C - DESCRIPTION/SPECIFICATIONS/WORK STATEMENT

C.2.2 This Scope of Work (SOW) is for the Load Handling System Modular Fuel Farm, hereinafter referred to as the LMFF. The SOW for the LMFF will consist of a minimum ordering quantity of First Article Pump and Tankrack Modules, Contractor Support of Government Testing, a System Support Package, Data Requirements, a Logistics Demonstration, and five (5) years of production Pump and Tankrack Modules. Additionally, options exist for Contractor conducted New Equipment Training Classes for Operator and Maintainer Classes (years 3 through 5), and Contractor Technical Assistance/Field Service Representative (years 3 through 5). Section C of the contract has been structured to this effect. Therefore, Paragraphs C.2 through C.18 applies to the base production of First Article Units and to any production effort under the 5 - year IDIQ contract. Paragraph C.19 shall apply if the option for New Equipment Training is exercised. Paragraph C.20 shall apply if the option for Distance Learning is exercised. Paragraph C.21 shall apply if the option for Contractor Technical Assistance/Field Service Representatives is exercised.

C.3.1 The contractor shall produce and deliver each LMFF and associated data deliverables in accordance with Section B, and shall meet the delivery schedule in the Section F clause entitled "Delivery Schedule". The contractor shall deliver the LMFF with Basic Issue Items (BII) overpacked. The Government will provide the contractor with LMFF Technical Manuals, which the contractor shall overpack in every LMFF delivered to the Government.

C.3.1.1 Changes to ATPD 2336B dated 10 Mar 2004. These changes take precedence over ATPD 2336B dated 10 Mar 2004 that was issued as Attachment 002 to RFP W56HZV-04-R-0037 dated 2004APR09.

C.3.1.1.1 Delete the 4th sentence of paragraph 3.5.9.7 and replace with: "The tankrack shall be provided with an automatic shutoff control device to prevent over filling the tankrack under all bottom loading operations to include recirculating and defueling."

C.3.1.1.2 Paragraph 3.5.6.2 Pump Filtration Module. Interface requirements for the additive fuel injector have been added. Replace paragraph 3.5.6.2 with the following:

The LMFF shall include a pump filtration module capable of refueling and defueling both ground vehicles and aircraft. The pump filtration module shall be capable of being transported by the HEMTT-LHS or PLS. A space of 40W x 48L x 40H shall be provided on the pump filtration module to integrate the Hammonds Fuel Additive Injector, part number TPI-4T-4A. This space shall be provided where the injector can easily be connected to the outlet of the pumping assembly. All necessary fittings shall be provided to connect the fuel additive injector to the outlet of the pumping assembly IAW 3.5.6.3. The pumping filtration module shall contain secure storage for hoses, fittings, nozzles as specified in 3.5.9.2, fire extinguishers, water containers, petroleum test kit, fuel spill control kit, strainer, and other equipment necessary to perform refueling operation.

C.3.1.1.3 Paragraph 3.5.6.3.4 Bottom fills and Discharge ports

The word "both" in the last sentence will be removed to avoid confusion.

The revised paragraph is:

The LMFF shall be equipped with an adequate number of 4-inch bottom discharge/suction port(s) capable of providing gravity and forced discharge, recirculation of filtered fuel, and bottom loading from an external pumped source rated up to 400GPM, with two discharge connections, unisex-type fittings. The port shall be equipped with a 4-inch female cam-lock fitting, IAW A-A-59326. In addition, all tankracks shall be capable of being bottom loaded using a single point-refueling nozzle, IAW SAE-AS-5877.

C.3.1.1.4 Paragraph 3.5.7.2 Adapters

Replace the first sentence of paragraph 3.5.7.2 with:

The following quantity adapters and reducers shall be provided with each pump filtration module to allow interfacing with existing Army bulk storage and distribution equipment.

C.3.1.1.5 Paragraph 3.5.9.7 Fill and discharge

Change the word tanker to tank in the fifth sentence. The fifth sentence will read:

The fuel overflow control system shall have the capability to signal the tankrack to shut off the flow of fuel into the tank when the fuel volume reaches 100 gallons less than the full rated capacity.

C.3.1.1.6 Paragraph 4.11 Corrosion Control Performance

Replace 4.11 with the following:

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The contractor's compliance with the requirements of 3.11 and 3.11.1 shall be verified by CoC and supporting test data:

a. Corrosion Protection Testing; An accelerated corrosion test using GM9540, ASTM D 5894-96 or Government approved equivalent shall be performed to verify corrosion prevention for a 25 year period of performance (service life). See table below.

TEST	CYCLES	HOURS PER CYCLE	TOTAL HOURS	SERVICE LIFE
GM9540	120	24	2880	25 YEARS
AMSTM D 5894-96	9	368	3312	25 YEARS

b. Scribe Test: Prior to the corrosion test, the item shall be scribed per ASTM D 3359. After completion of the test, the scribed area shall be scraped to determine the extent, if any, of coating undercutting/loss of adhesion.

c. All retest of failed parts shall be at the contractor's expense.

d. Due to changes in climatic conditions and the development of newer materials and processes, all accelerated corrosion tests undergo a continuous adjustment to reflect these conditions. Therefore, modifications to the testing are to be expected over time.

e. Any loss of form, fit or function shall be considered a corrosion failure and requires the same type of corrective action during or after the Acceptance Test as any other failure occurring during or after the First Article Test (FAT). Loss of coating adhesion or corrosion emanating from the scribe shall be limited to 3mm maximum at any point at the scribe. There shall be no blistering of the coating film in excess of 5 blisters in any 24 square inch area. The maximum blister size is 1mm. Expendable items (identified prior to the test) shall retain their function for their intended service life and are not subject to these criteria.

f. Recognizing that production schedules can be adversely affected by the duration required for the corrosion validation test, a waiver shall be granted so that limited production can proceed until the tests are completed. All deficiencies found during or after the completion of the tests must be corrected by the contractor on the previous and future production at contractor expense.

C.3.1.1.7 Delete paragraph 6.6 of the PD in its entirety

C.20 (RESERVED, changed by amendment 0004)

C.20.1 (RESERVED, changed by amendment 0004)

C.20.2 (RESERVED, changed by amendment 0004)

*** END OF NARRATIVE C 001 ***

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SECTION H - SPECIAL CONTRACT REQUIREMENTS

H.1.1.2 (RESERVED, changed by amendment 0004)

*** END OF NARRATIVE H 001 ***

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SECTION J - LIST OF ATTACHMENTS

CONTRACT DATA REQUIREMENTS LIST

Form Approval OMB No. 0704-0188

Public reporting burden for this collection of information is estimated to average 440 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302, and to the Office of Management and Budget, Paperwork Reduction Project (0704-0188), Washington, DC 20503. Please DO NOT RETURN your form to either these addresses. Send completed form to the Government Issuing Contracting Officer for the Contract/PR No. listed in Block E.

- A. CONTRACT LINE ITEM NO.:
- B. EXHIBIT:
- C. CATEGORY:
- D. SYSTEM/ITEM: LOAD HANDLING SYSTEM MODULAR FUEL FARM
- E. CONTRACT/PR NO.: RFP W56HZV-04-R-0037
- F. CONTRACTOR:

1. DATA ITEM NO. A015
2. TITLE OF DATA ITEM: RESERVED (changed by amendment 0004)
3. SUBTITLE:
4. AUTHORITY: (Data Acquisition Document No.)
5. CONTRACT REFERENCE:
6. REQUIRING OFFICE:
7. DD 250 REQ:
8. APP CODE:
9. DIST. STATEMENT REQUIRED:
10. FREQUENCY:
11. AS OF DATE:
12. DATE OF FIRST SUBMISSION:
13. DATE OF SUBS:

14. DISTRIBUTION A. ADDRESSEES B. COPIES DRAFT DRAFT REPRO FINAL REPRO

15. TOTAL

16. Remarks:

17. PRICE GROUP:
18. ESTIMATED TOTAL PRICE:

- G. PREPARED BY: I. APPROVED BY:
- H. DATE: J. DATE

DD FORM 1423-E, MAY 99

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*** END OF NARRATIVE J 001 ***

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SECTION L - INSTRUCTIONS, CONDITIONS, AND NOTICES TO OFFERORS

L.4.2 Proposal Structure: The instructions that follow are not intended to be restrictive or all inclusive. Offerors may submit any other cost or financial information they consider relevant and useful in the evaluation of their cost proposal. Pricing information is required for the Contract Line Item Numbers (CLINS) contained in Section B of the solicitation as well as data items from the CDRL listing where a request for a separate price is indicated. Offerors should note where the instructions ask for pricing based on a total value and those items where unit pricing is requested.

The requirements identified in the solicitation and which serve as the basis for the pricing proposal include the following efforts.

- ** LMFF First Article Test Units
 - Pump Modules
 - Tankracks
- ** LMFF Production Units
 - Years 1 through 5
- ** System Support Package
- ** Log Demo
- ** Training for FAT
- ** Training for IOT&E
- ** IKP Training
- ** Contract Data Items
- ** Short term and long term packaging
- ** New Equipment Training (option)
- ** (RESERVED, changed by amendment 0004)
- ** Field Service Representatives (option)

*** END OF NARRATIVE L 001 ***