

<b>SOLICITATION, OFFER AND AWARD</b>		<b>1. This Contract Is A Rated Order Under DPAS (15 CFR 700)</b>	<b>Rating</b> DOA4	<b>Page</b> 1 of 67
<b>2. Contract No.</b>	<b>3. Solicitation No.</b> W56HZV-04-R-0734	<b>4. Type of Solicitation</b> Negotiated (RFP)	<b>5. Date Issued</b> 2004APR20	<b>6. Requisition/Purchase No.</b> SEE SCHEDULE
<b>7. Issued By</b> TACOM WARREN BLDG 231 AMSTA-AQ-ATBC WARREN, MICHIGAN 48397-5000  HTTP://CONTRACTING.TACOM.ARMY.MIL		<b>Code</b> W56HZV	<b>8. Address Offer To (If Other Than Item 7)</b>	

**SOLICITATION** NOTE: In sealed bid solicitations 'offer' and 'offeror' mean 'bid' and 'bidder'.

9. Sealed offers in original and 1 signed copies for furnishing the supplies or services in the Schedule will be received at the place specified in item 8, or if handcarried, in the depository located in \_\_\_\_\_ until 01:00pm (hour) local time 2004APR29 (Date).

Caution - Late Submissions, Modifications, and Withdrawals: See Section L, Provision No. 52.214-7 or 52.215-1. All offers are subject to all terms and conditions contained in this solicitation.

<b>10. For Information Call:</b>	<b>Name</b> BETTY NALLEY <b>E-mail address:</b> NALLEYB@TACOM.ARMY.MIL	<b>Telephone No. (Include Area Code) (NO Collect Calls)</b> (586)574-6200
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OFFER (Must be fully completed by offeror)

NOTE: Item 12 does not apply if the solicitation includes the provisions at 52.214-16, Minimum Bid Acceptance Period.

12. In compliance with the above, the undersigned agrees, if this offer is accepted within \_\_\_\_\_ calendar days (60 calendar days unless a different period is inserted by the offeror) from the date for receipt of offers specified above, to furnish any or all items upon which prices are offered at the price set opposite each item, delivered at the designated point(s), within the time specified in the schedule.

13. Discount For Prompt Payment   
(See Section I, Clause No. 52.232-8)

14. Acknowledgment of Amendments (The offeror acknowledges receipt of amendments to the Solicitation for offerors and related documents numbered and dated:	<b>Amendment Number</b>	<b>Date</b>	<b>Amendment Number</b>	<b>Date</b>

15A. Contractor/Offeror/Quoter	<b>Code</b>	<b>Facility</b>	16. Name and Title of Person Authorized to Sign Offer (Type or Print)
15B. Telephone Number (Include Area Code)	15C. Check if Remittance Address is <input type="checkbox"/> Different From Blk 15A- Furnish Such Address In Offer	17. Signature	18. Offer Date

AWARD (To be completed by Government)

19. Accepted As To Items Numbered	20. Amount	21. Accounting And Appropriation	
22. Authority For Using Other Than Full And Open Competition: <input type="checkbox"/> 10 U.S.C. 2304(c)( ) <input type="checkbox"/> 41 U.S.C. 253(c)( )		23. Submit Invoices To Address Shown In (4 copies unless otherwise specified)	Item
24. Administered By (If other than Item 7)	<b>Code</b>	25. Payment Will Be Made By	<b>Code</b>
SCD PAS ADP PT		27. United States Of America  _____ /SIGNED/ (Signature of Contracting Officer)	28. Award Date
26. Name of Contracting Officer (Type or Print)			

IMPORTANT - Award will be made on this Form, or on Standard Form 26, or by other authorized official written notice.



**CONTINUATION SHEET****Reference No. of Document Being Continued**

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MOD/AMD

**Name of Offeror or Contractor:**

(c) You are required to submit your offer, bid, or quote electronically. See the provision entitled "Electronic Offers (or 'Quotes' or 'Bids') Required in Response to This Solicitation (or 'Request for Quotations')" for more specific information.

(d) Any award issued as a result of this solicitation will be distributed electronically. Awards posted on the TACOM Warren Business Opportunities web page represent complete OFFICIAL copies of contract awards and will include the awarded unit price. This is the notice required by Executive Order 12600 (June 23, 1987) of our intention to release unit prices in response to any request under the Freedom of Information Act (FOIA), 5 USC 552. Unit price is defined as the contract price per unit or item purchased as it appears in Section B of the contract and is NOT referring to nor does it include Cost or Pricing data/information. If you object to such release, and you intend on submitting an offer, notify the PCO in writing prior to the closing date identified in this solicitation and include the rationale for your objection consistent with the provisions of FOIA. A release determination will be made based on rationale given.

(e) If you have questions or need help in using the Acquisition Center Home Page, call our Electronic Contracting Help Desk at (586) 574-7059, or send an email message to: [acqcenweb@tacom.army.mil](mailto:acqcenweb@tacom.army.mil)

(f) If you have questions about the content of any specific item posted on our home page, please call the buyer or point of contact listed for the item. Additional help is available to small businesses from Government-funded Electronic Commerce Regional Centers (ECRCs) to implement EDI. Information on ECRC is available at <http://www.ecrc.ctc.com>

[End of Clause]

A-2            52.204-4232            PUBLIC ACTIVITY INVOLVEMENT            DEC/2002  
(TACOM)

Subcontract opportunities under this solicitation and any resulting contracts are open to competition between Department of Defense activities and private firms. In addition, Army Industrial Facilities are available to sell manufactured articles or to perform work at such Facilities on behalf of Offerors, in certain circumstances and as permitted by law. Rock Island Arsenal, Watervliet Arsenal, Anniston Army Depot, Sierra Army Depot, and Red River Army Depot have expressed interest in securing subcontracting opportunities under this RFP. For information related to the capabilities of these facilities, and Points of Contact, see [www.gsie.army.mil](http://www.gsie.army.mil)

[End of Notice]

A-3            52.214-4003            ALL OR NONE            MAR/1998  
(TACOM)

Offers in response to this solicitation must be submitted for the total quantity of the items identified in the solicitation.

(1) ONLY ONE AWARD WILL BE MADE AS A RESULT OF THIS SOLICITATION.

(2) OFFERS SUBMITTED FOR LESS THAN THE TOTAL QUANTITIES OF ALL THE ITEMS IN THIS SOLICITATION WILL BE DEEMED NONRESPONSIVE.

[End of Clause]

A-4            52.215-4854            PAPERLESS ELECTRONIC RESPONSES REQUIRED IN RESPONSE TO THIS            JUL/2002  
(TACOM)            SOLICITATION/REQUEST

TACOM WILL NOT ACCEPT PAPER OFFERS IN RESPONSE TO THIS SOLICITATION/REQUEST. YOU ARE REQUIRED TO SUBMIT YOUR OFFER, BID, OR QUOTE VIA PAPERLESS ELECTRONIC MEDIA. SEE THE PROVISION ENTITLED "ELECTRONIC OFFERS (OR 'QUOTES' OR 'BIDS') REQUIRED IN RESPONSE TO THIS SOLICITATION (OR 'REQUEST FOR QUOTATIONS')" FOR MORE SPECIFIC INFORMATION.

[End of Clause]

CONTINUATION SHEET

Reference No. of Document Being Continued  
 PIIN/SIIN W56HZV-04-R-0734 MOD/AMD

Name of Offeror or Contractor:

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
	SECTION B - SUPPLIES OR SERVICES AND PRICES/COSTS				
0001	NSN: 9999-99-999-9999 SECURITY CLASS: Unclassified				
0001AA	<p><u>TACTICAL FIRE FIGHTING TRUCK (TFEFT)</u></p> <p>NOUN: TACTICAL FIREFIGHTING TRUCK                      PRON: J642D369J6 PRON AMD: 01                      AMS CD: 51107000007</p> <p>*INCLUDES ALL RELATED AUXILIARY EQUIPMENT.</p> <p>(End of narrative B001)</p> <p><u>Packaging and Marking</u></p> <p><u>Inspection and Acceptance</u>                      INSPECTION: Origin ACCEPTANCE: Origin</p> <p><u>Deliveries or Performance</u>                      DOC SUPPL                      REL CD MILSTRIP ADDR SIG CD MARK FOR TP CD                      001 W56HZW4089S200 Y00000 M 3                      PROJ_CD BRK BLK_PT                      IU2                      DEL REL CD QUANTITY DEL DATE                      001 35 UNDEFINITIZED</p> <p>FOB POINT: Origin</p> <p>SHIP TO: <u>PARCEL POST ADDRESS</u>                      (Y00000) SHIPPING INSTRUCTIONS FOR CONSIGNEE                      (SHIP-TO) WILL BE FURNISHED PRIOR                      TO THE SCHEDULED DELIVERY DATE FOR                      ITEMS REQUIRED UNDER THIS                      REQUISITION.</p>	35	EA	\$ _____	\$ _____
0002	SECURITY CLASS: Unclassified				
0002AA	<p><u>OPTION</u></p> <p>OPTION QUANTITY, PURSUANT TO SECTION I CLAUSE                      ENTITLED OPTION FOR INCREASED QUANTITY---                      SEPARATELY PRICED LINE ITEM</p>	35	EA	\$ _____	\$ _____



Name of Offeror or Contractor:

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT																									
	<p>NOUN: DATA ITEM                      SECURITY CLASS: Unclassified</p> <p>See Section C.2.5.4.7 of Scope of Work.</p> <p>(End of narrative B001)</p> <p>Deliver a draft manual for verification 210 days after contract award. Deliver a corrected post verification manual 30 days after conclusion of verification. Deliver FDEP package 360 days after contract award.</p> <p>(End of narrative B002)</p> <p><u>Packaging and Marking</u></p> <p><u>Inspection and Acceptance</u>                      INSPECTION: Origin ACCEPTANCE: Origin</p> <p><u>Deliveries or Performance</u></p> <table border="0"> <tr> <td>DOC</td> <td>SUPPL</td> <td></td> <td></td> <td></td> </tr> <tr> <td>REL CD</td> <td>MILSTRIP</td> <td>ADDR</td> <td>SIG CD</td> <td>MARK FOR TP CD</td> </tr> <tr> <td>001</td> <td></td> <td></td> <td></td> <td>3</td> </tr> <tr> <td>DEL REL CD</td> <td>QUANTITY</td> <td></td> <td>DAYS AFTER AWARD</td> <td></td> </tr> <tr> <td>001</td> <td>1</td> <td></td> <td>0360</td> <td></td> </tr> </table> <p>FOB POINT: Origin</p> <p>SHIP TO: <u>PARCEL POST ADDRESS</u>                      (Y00000) SHIPPING INSTRUCTIONS FOR CONSIGNEE                      (SHIP-TO) WILL BE FURNISHED PRIOR                      TO THE SCHEDULED DELIVERY DATE FOR                      ITEMS REQUIRED UNDER THIS                      REQUISITION.</p>	DOC	SUPPL				REL CD	MILSTRIP	ADDR	SIG CD	MARK FOR TP CD	001				3	DEL REL CD	QUANTITY		DAYS AFTER AWARD		001	1		0360		1	EA	\$ ** NSP **	\$ ** NSP **
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A00B	<p><u>HEMTT ELECTRONIC INTERACTIVE TECHNICAL MANUA</u></p> <p>NOUN: DATA ITEM                      SECURITY CLASS: Unclassified</p> <p>See Section C.2.5.4.7 of Scope of Work.</p> <p>(End of narrative B001)</p> <p>Deliver a draft manual for verification 240 days after contract award. Deliver a corrected post verification manual 30 days after conclusion verification. Deliver FDEP package 360 days after contract award.</p>																													

Name of Offeror or Contractor:

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT																														
	<p>(End of narrative B002)</p> <p><u>Packaging and Marking</u></p> <p><u>Inspection and Acceptance</u>                      INSPECTION: Origin      ACCEPTANCE: Origin</p> <p><u>Deliveries or Performance</u></p> <table border="0"> <tr> <td>DOC</td> <td></td> <td>SUPPL</td> <td></td> <td></td> <td></td> </tr> <tr> <td><u>REL CD</u></td> <td><u>MILSTRIP</u></td> <td><u>ADDR</u></td> <td><u>SIG CD</u></td> <td><u>MARK FOR</u></td> <td><u>TP CD</u></td> </tr> <tr> <td>001</td> <td></td> <td></td> <td></td> <td></td> <td>3</td> </tr> <tr> <td><u>DEL REL CD</u></td> <td><u>QUANTITY</u></td> <td></td> <td><u>DAYS AFTER AWARD</u></td> <td></td> <td></td> </tr> <tr> <td>001</td> <td>1</td> <td></td> <td>0360</td> <td></td> <td></td> </tr> </table> <p>FOB POINT: Origin</p> <p>SHIP TO: <u>PARCEL POST ADDRESS</u>                      (Y00000) SHIPPING INSTRUCTIONS FOR CONSIGNEE                      (SHIP-TO) WILL BE FURNISHED PRIOR                      TO THE SCHEDULED DELIVERY DATE FOR                      ITEMS REQUIRED UNDER THIS                      REQUISITION.</p>	DOC		SUPPL				<u>REL CD</u>	<u>MILSTRIP</u>	<u>ADDR</u>	<u>SIG CD</u>	<u>MARK FOR</u>	<u>TP CD</u>	001					3	<u>DEL REL CD</u>	<u>QUANTITY</u>		<u>DAYS AFTER AWARD</u>			001	1		0360						
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**Name of Offeror or Contractor:**SECTION C - DESCRIPTION/SPECIFICATIONS/WORK STATEMENT  
SCOPE OF WORK FOR TACTICAL FIRE FIGHTING TRUCK (TFFT)

C.1 Objective. The contractor, acting as an independent contractor and not as an agent of the Government, and within the schedule and contract constraints set forth herein, shall provide the necessary supplies and services which meet all the requirements set forth in this contract. The vehicles produced shall be in conformance with the requirements of ATPD 2249 Revision 8.

## C.2 PHASES OF EFFORT

1. General
2. Configuration Management
3. Product Assurance and Test
4. Safety Engineering and Health Hazards
5. Integrated Logistics Support
6. Packaging Requirements
7. Priced Options

## C.2.1 General

All meeting minutes referenced in this scope shall be electronic and in contractor format and provided to the Government within 10 business days after the meeting. The Government shall review the minutes and provide Concurrence/Comments to the contractor within 5 business days. Final meeting minutes incorporating government comments (if any) will be furnished to the Government NLT 17 business days after the meeting, CDRL A00G.

C.2.1.1 Start of Work. The contractor shall host a Start of Work meeting and idea interchange at the contractors facility within 30 days of contract award. This meeting is to be a free exchange of concepts and ideas for meeting the technical and schedule aspects of this SOW as well as an update of progress since contract award. Meeting minutes shall be furnished by the contractor IAW C.2.1.

C.2.1.2 Integrated Product Teams (IPT). The Government and the contractor will jointly manage the contract using the Integrated Product Team process. A joint Government/contractor IPT shall be established and will serve as the primary tool for managing contract performance. The IPT shall provide a means for coordinating and monitoring important contract activities, schedules and performance, thereby insuring satisfactory contractor performance in accordance with contractual requirements, cost and schedule.

C.2.1.3 Data Management. The contractor shall prepare technical data and reports as specified in the applicable Data Item Descriptions (DIDs), DD Forms 1664. The data must provide all the specified information, IAW the quantities and schedule set forth in the Contract Data Requirements List (CDRLs) and DIDs.

C.2.1.4 Electronic Data Delivery. All data and information delivered under this contract (except for configuration management files, see paragraph C.2.2.1) shall be submitted in electronic format and in American English unless otherwise stated in the CDRL. The file format and delivery method will be dependent on the file type and size. The files shall be MS Office Professional or Adobe Acrobat (.pdf) compatible by default. Available methods of delivery are: electronic mail, file transfer protocol or CD-ROM.

C.2.1.5 Environmental Requirements. In performance of this contract, the contractor shall not use Class I and Class II Ozone depleting Substances (CIODS), Cadmium (electroplating), and Hexavalent Chromium (electroplating and coating processes) or other highly toxic or carcinogenic materials without Government approval.

C.2.1.6 Hazardous Materials Management Report. The contractor shall prepare a Hazardous Material Management Report which, at a minimum, shall identify all hazardous materials (as defined in FED-STD-313D, paragraph 3.2) required for the system production, and sustainment, including the parts/process that requires them. This report should be prepared in accordance with National Aerospace standard 411, section 4.4.1, and shall be briefed at all program review meetings. CDRL A001

## C.2.2 CONFIGURATION MANAGEMENT REQUIREMENTS

C.2.2.1 Configuration Management Data. The configuration management change files shall be Adobe Acrobat (.pdf) compatible and submitted to the Government through the Automated Configuration Management System (ACMS) HTV electronic processing system.

C.2.2.2 Configuration Baseline. The end item shall comply with all of the requirements of this contract. Except as provided herein, all systems delivered under this contract shall be identical in configuration to the vehicles produced under DLA contract SP0500-01-D-0062.

C.2.2.3 Product Configuration Baseline. The contractors configuration system shall identify the existing vehicle configuration, this shall only include TFFT specific items, only. This information, at the date of contract award, shall constitute the approved Product Configuration Baseline (PCB) for the vehicle. The PCB shall be available for review on a monthly basis during the life of

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this contract. Changes to the vehicle will require the PCB to be updated.

C.2.2.4 Approval of Engineering Changes. Government approval of changes following acceptance of the Product Configuration Baseline will not be construed as relieving the contractor from its responsibility to furnish all items in conformance with contract requirements, including full responsibility for failure in operation of equipment, which resulted from changes previously approved by the Government. The Government reserves the right to require the contractor to perform additional tests, to be determined by the Government, up to and including a complete Follow On Production Test (FPT), at no additional cost to the Government, prior to acceptance of any change, or to disapprove changes where Government review shows the changes would have an adverse affect.

C.2.2.5 Configuration Changes. Changes to the Product Configuration Baseline shall only be incorporated in accordance with (IAW) the following requirement. The contractor shall propose changes to the established configuration baseline via the submission of Engineering Change Proposals (ECPs), Value Engineering Change Proposals (VECPs) and Request for Deviations (RFDs). The contractor shall implement positive configuration control methods and procedures that maintain the integrity and history of the established baseline. Sufficient supporting data shall be submitted with ECPs, VECPs and RFDs to evaluate the proposed change (for example: drawings, supplemental drawings, sketches, specifications, or manufacturer's data sheets), to include cost/pricing data. If the Government desires a configuration change, the PCO will provide the contractor with written direction to submit an ECP.

C.2.2.6 Engineering Change Proposal (ECP) Definitions.

**Class I Criteria:**

An ECP proposing a change to approved product configuration baseline and:

- (1) affects any physical or functional requirement in approved baseline, or
- (2) affects any approved product configuration baseline, and cost, warranties or contract milestones, or
- (3) affects approved product configuration baseline and one or more of the following:
  - (a) Government furnished equipment,
  - (b) safety,
  - (c) compatibility, interoperability, or logistic support,
  - (d) delivered technical manuals for which changes are not funded,
  - (e) will require retrofit of delivered units,
  - (f) preset adjustments or schedules affecting operating limits or performance to the extent that a new identification number is required,
  - (g) interchangeability, substitutability, or replaceability of any item down to non-repairable subassemblies,
  - (h) sources on a source control drawing,
  - (i) skills, manning, training, biomedical factors or human engineering design.

**Class II Criteria:**

An ECP proposing a change to approved product configuration baseline which is not Class I.

C.2.2.6.1 Class I ECP Changes - Contractor Requested. The contractor shall submit copies of proposed Class I ECP changes per DI-CMAN-80639C CDRL A002 immediately upon determination of a need for such changes. In order for the Government to evaluate and approve or disapprove an ECP submission, the contractor must provide adequate supporting documentation that fully addresses technical and logistical issues as well as costs impacts. This must include impact statements and supporting documentation which address safety, MANPRINT, transportability, integrated logistics support and total estimated cost to implement the ECP. Analysis for Integrated Logistics Support shall address impacts on provisioning (spares, tools, special tools and Peculiar Support Equipment (PSE), maintenance and operational tasks, publications information, and diagnostics planning (hands on trouble shooting, Preventive Maintenance, Checks and Services/Scheduled Inspections, Intrusive Diagnostics). Notwithstanding any contractor configuration changes under this provision, the contractor shall not be relieved of its responsibility to conform to the delivery requirements of this contract.

C.2.2.6.2 Class I (ECPs) - Government Directed. In the event the Government requests a change to the end item configuration, the PCO will request, in writing, a technical/price proposal from the contractor. Within 10 business days of request, the contractor shall notify the PCO of the ECP submittal date. Class I changes will be documented in the ILS Configuration Control Log. The ILS Configuration Control Log will be forwarded on a quarterly basis to the appropriate Government ILS Manager.

C.2.2.6.3 Class II Changes. The contractor may make Class II changes contingent upon written classification concurrence by the Government. These changes may be processed using contractor's Standard Engineering Change Form. If during CCB review, the DCMA representative determines that a proposed Class II ECP is actually a Class I, the contractor shall prepare and submit a Class I ECP in accordance with C.2.2.6.1.

C.2.2.7 ECP Control Numbers. The contractor shall request a block of TACOM control numbers by letter, addressed to the attention of AMSRD-TAR-E/PDM/MS 268. TACOM ECP control numbers shall consist of the contractors assigned three alpha character symbols and the applicable assigned TACOM ECP five digit (1) alpha, (4) numeric control number. Any revision identifiers will be made per DI-CMAN-80639C CDRL A002. The contractor shall utilize these numbers on an individual basis as a control identifier for ECPs. Once a control number is assigned to the first submission of a change proposal, that number shall be retained for all subsequent

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submissions of that change proposal. The contractor shall maintain records of where and when each ECP number was used.

C.2.2.8 Request for Deviation (RFD). Request for Deviation (RFD) Definitions: A Request For Deviation (RFD) is a one time request for authorization to deviate from a requirement of the performance specification or contract. During the performance of this contract, if the contractor finds it necessary to deviate from a particular performance requirement of the specification, drawing or other document for a specific number of units or a specified period of time, the contractor shall seek written authorization from the Government by completing an RFD. Under no circumstances shall submission or approval of an RFD be the basis for a contract price increase.

C.2.2.8.1 Format. RFDs shall be prepared per DI-CMAN-80640C, CDRL A003. The contractor shall identify the weapon system affected on each RFD. The weapon system can be found as a two character code on the AWARD/CONTRACT cover sheet in the "Issued By" block following WPN SYS. The contractor shall place this code on the top of the RFD form.

C.2.2.8.2 Procedures. RFDs adversely affecting safety will not be considered. Where it is determined that a change would be permanent, the contractor shall process a companion ECP.

C.2.2.9 Effectivity Certification. Changes resulting from Class I ECPs and RFDs shall be incorporated into the production line through contract modification. Actual cut in of these changes shall be at a single END ITEM cut in point. Each ECP and RFD shall be applied to the production line at one time in their entirety. The contractor shall maintain the original effectivity point certification on file.

**C.2.3 PRODUCT ASSURANCE AND TEST**

C.2.3.1 Quality Program Management. The contractor shall utilize the existing ISO 9001 Quality System that ensures conformance to contractual requirements. The updated Quality System Plan shall be made available for Government review, prior to initial production.

C.2.3.2 Final Inspection Record (FIR). The contractor shall develop FIRs for the Tactical Fire Truck. The contractor shall update the FIRs reflecting all engineering and/or manufacturing changes that impact the FIR during the entire contract period. At the time of FPVI, The Final Inspection Record (FIR) shall be submitted to the government personnel conducting the FPVI, any deficiencies found must be corrected prior to FPVI approval. The Government will review and provide written PCO approval of the FIR.

C.2.3.3 Vehicle Final Inspection. The contractor shall utilize the FIR to inspect each vehicle produced under this contract. The deficiencies detected during the inspection shall be described in writing on the FIR Deficiency Sheet and corrected by the contractor, at no additional cost to the Government, prior to offering the vehicles to the Government for acceptance. The completed FIR with associated supporting inspection documentation shall be provided to the onsite Government representative when the vehicle is offered for acceptance. As part of the vehicle final inspection the contractor shall deliver the following certifications IAW CDRL A004:

1. Third Party Pump Certificate
2. Pumper Construction Detail Sheet
3. Weight Slip
4. HVAC Electrical Test Sheet
5. Centrifugal Pump Certificate
6. Engine Curve data

The Government reserves the right to witness any or all of the above tests and inspections.

C.2.3.4 Quality Deficiency Reports (QDR) - Field Generated. The contractor shall investigate and provide root cause failure analysis and corrective action for all QDRs, generated on Standard Form 368 (existing form or electronic) against products or supplies produced under this contract, at no additional cost to the Government. Upon request of the QDR exhibit, the Government will be responsible for all costs associated with shipping the QDR exhibit to their designated location. The contractor shall provide replacement parts for all components determined to be deficient attributable to workmanship/product nonconformance. Production/field corrective actions shall be accomplished at no additional cost to the Government. Corrective actions requiring configuration changes shall follow the Configuration requirements as specified in C.2.2.

C.2.3.5 Quality Deficiency Report Response - A final written response shall be submitted per DI-RELI-81315, CDRL A005. If a final response is not ready for submittal in 30 days, the contractor shall submit an interim response detailing the status of the investigation. The response should report on the actions taken, root cause, corrective action, and contractor's position with respect to repair or replacement parts.

C.2.3.6 Quality Records. All records of inspections, examinations, certifications, tests, supplier audits, and purchase orders shall be retained by the contractor for a period of 4 years after contract close-out. These records shall be made available to the Government, upon request. Additionally, where product or process deficiencies have occurred, the contractor's records shall provide

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documentation that fully describes the root cause of deficiencies and corrective actions.

**C.2.3.7 Welding Requirements**

C.2.3.7.1 Welding Procedures. Welding procedures shall comply with American Welding Society (AWS) D1.1, D1.2, D1.3 and D14.3 as specified in the contractor's welding procedures of WS100 and WS101 in effect at contract award.

C.2.3.7.2 Welder Qualification. The contractor may use his current method in effect at the time of contract award for welder qualification. The contractor shall be responsible for determining that automatic welding equipment and operators are capable of consistently producing quality welds in accordance with the prepared welding procedures. During the course of the contract, the contractor shall make available to the Government, all welder certification documentation.

C.2.3.7.3 Weld Inspector Qualification. Weld quality and workmanship shall be verified by qualified inspectors trained to perform the specific functions they are assigned. Acceptable training may be based on the current or previous certification as an AWS Certified Welding Inspector. Current or previous qualification using qualified inspectors trained by the Canadian Welding Bureau is also acceptable. An engineer or technician by formal training or experience, or both in metal fabrication, inspection and testing, who is competent in the use of weld inspection techniques/equipment, is acceptable.

C.2.3.7.4 Acceptance Inspection Equipment. Except as otherwise expressly provided under this contract, the contractor is responsible for the supply and maintenance of all inspection and test equipment necessary to assure that the supplies conform to the contract requirements. Supplier-furnished inspection and test equipment shall equal or exceed the design criteria and shall be initially approved and certified by the supplier. All inspection and test equipment shall be made available to the Government Quality Assurance Representative when required for verification purposes.

**C.2.4 SAFETY ENGINEERING AND HEALTH HAZARDS.**

C.2.4.1 Safety Engineering Principles and Program. The contractor shall follow good safety engineering practices as established by the industry consensus standards and other pertinent regulations. The contractor shall maintain a system safety program in accordance with the attached System Safety Program Guide. The contractor shall establish a system safety organization or function with lines of communication between system safety and other functional elements of the program to include overall management. The system safety organization should have the authority, or shall have the means to acquire the authority for resolution of identified hazards.

**C.2.4.2 Safety Assessment Report (SAR).**

a. As a result of system safety analyses, health hazard evaluations such as the Health Hazard Assessment Report, and any independent testing, the contractor shall provide an updated safety and health hazard assessment. The safety and health hazard assessment shall identify all safety and health features of the hardware, system design and inherent hazards and shall establish special procedures and/or precautions to be observed by Government test agencies and system users.

b. The contractor shall prepare the updated Safety Assessment Report in accordance with DI-SAFT-80102B CDRL A006 and this paragraph. The contractor shall identify all new Safety and Health Hazards associated with the system and incorporate them into the SAR. In preparing the hazard list portion of the Safety Assessment Report, the contractor shall provide a description and effects of each potential or actual safety and health hazard of the vessel as well as when the hazard may be expected under normal or unusual operating or maintenance conditions. Identify actions taken to mitigate the risk associated with the hazards and categorize these risks before and after mitigation in accordance with the attached System Safety Program Guide. Risks must be identified by hazard severity, hazard probability and risk level. Mitigation actions include recommended engineering controls, equipment, and/or protective procedures to reduce the associated risk. Include in the SAR copies of Material Safety Data Sheets (MSDS) for all hazardous materials incorporated into the system. The final updated SAR is subject to TACOM approval. Examples of hazards to be included in the report, but not limited to, are compliance issues with regulatory organizations, confined spaces, fire prevention issues, ergonomic hazards, sharp edges/moving parts hazards, physical hazards (heat or cold stress, acoustical energy, etc.), chemical hazards (flammables, corrosives, carcinogens, etc.), toxic fumes (exhaust emission hazards), electrical issues, and noise.

**C.2.5 INTEGRATED LOGISTICS SUPPORT**

The effort described in this section is to be performed only, as part of an approved ECP or a Government issued task order.

C.2.5.1 ILS Program Management. The contractor shall plan, manage, and execute an Integrated Logistics Support (ILS) program for the Tactical Fire Fighting Truck. The contractor shall be solely responsible for the ILS product development. The Government reserves the right to review and approve the ILS product development.

**C.2.5.1.1 ILS Program Objectives.**

- 1) Analyze the support requirements of the Tactical Fire Fighting Truck.

**Name of Offeror or Contractor:**

2) Deliver an updated logistics support package including: updated maintenance planning, parts provisioning data, Technical Manuals, packaging data.

3) Update existing parts provisioning data to include significant government provided corrections to key data fields such as essentiality coding, SMR coding, MMRs, next higher assembly coding and related codes and deliver this corrected data to the government PMR.

C.2.5.1.2 ILS Integrated Product Team (IPT). The Government and contractor will jointly manage the ILS program via the IPT process. Three (3) ILS IPT meetings will be held at the contractors facility or other mutually agreed upon location. The first ILS IPT, led by Government and contractor ILS managers and personnel, shall be held in conjunction with the first program IPT. Subsequent ILS IPT meetings shall be held as appropriate and at the Government's discretion.

C.2.5.1.3 ILS Configuration Baselines. The Tactical Fire Fighting Truck logistics efforts and deliveries shall be based on a series of configuration baselines. The contractor shall present proposed configuration baselines at the initial ILS IPT. The baselines should be developed to support TFFT fielding. The contractor shall maintain a listing (log) of all changes to the existing Tactical Fire Fighting Truck ILS package elements (Maintenance Task List, Technical Manuals, parts provisioning and training). The log shall include the impact to each of the elements and the proposed incorporation date for each of the changes.

C.2.5.1.4 ILS Hardware. The contractor shall provide ILS hardware for the update of the ILS support package. The ILS support package includes the Tactical Fire Fighting Truck, spare and repair parts, tools and supplies. An ILS Tactical Fire Fighting Truck shall be available to support all technical manual update efforts. The ILS hardware shall be the latest production configuration.

C.2.5.1.5 Logistics Demonstration and Validation and Verification of Technical Manuals (Testing the Logistics Support Package). The contractor and the Government shall jointly conduct a Technical Manual Verification. If the degree of change to the existing Tactical Fire Fighting Truck warrants an additional Logistics Demonstration (LD) that demonstration shall be held concurrently with the Technical Manual Verification. The Government and contractor shall informally decide tasks and sequences. The LD and Verification shall be conducted after submission of Preliminary Draft Equipment Publication revisions or changes. The contractor shall provide skilled operators and mechanics to actually perform the operations, services, and maintenance tasks during the Verification/LD. The Government, at its discretion, may utilize target audience personnel to augment or perform all or many of the tasks. The contractor shall provide the facilities to support the LD and Verification. These facilities shall include a shop area equipped with lifting operations and all the tools and diagnostic equipment required to perform all operations and maintenance tasks. The contractor shall supply all Technical Manuals, including Repair Parts Special Tools List (RPSTL) consumable supplies and parts likely to be consumed in performing the Manual Verification/Logistics Demonstration. It may include multiple performances of all scheduled maintenance tasks. The contractor shall correct all hardware and software deficiencies found as a result of the LD/Verification.

The objectives of the Logistics Demonstration are:

Review the proposed design to improve maintainability (time and ease to perform maintenance), reduce the need for special tools, and improve safety while operating and maintaining the system. A special emphasis shall be placed on the later two elements. The LD Verification team shall document these recommendations in an IPT approved format. The LD Verification team shall record and validate critical logistical data, such as time requirements, tools, level of maintenance, related to the performance of operations, services and maintenance tasks performed as part of the LD Verification. The contractor shall review each recommendation and provide a response at the next IPR after the completion of the LD Verification.

The objectives of the Validation/Verification are:

The contractor shall validate the completeness and technical accuracy of 100% of the data newly developed under this contract. The contractor shall conduct his validation prior to Contractor/Government LD/Verification. The contractor shall hands-on validate tasks and procedures mutually agreed upon NLT 60 days prior to the start of verification. The contractor shall schedule and notify the Government 60 days in advance of the validation in order to permit the Government the opportunity to review the contractor's recommended validation task list and to exercise and prepare for their contractual right to witness and participate in the Validation. These Tactical Fire Fighting Truck Technical Manuals shall be validated by the contractor and verified at the joint contractor/Government Logistics Demonstration.

C.2.5.1.6 Maintenance Plan. The contractor shall analyze changes to the Tactical Fire Fighting Truck design and identify all new or updated operator and Maintenance tasks required to operate, service and maintain the Tactical Fire Fighting Truck. The Contractor shall perform a level of Repair Analysis (LORA) using the Government COMPASS LITE model on all new potential repairable components of the Tactical Fire Fighting Truck. The results of the LORA effort shall be incorporated into TFFT Maintenance Planning. The contractor shall document the results of the maintenance plan in the Maintenance Allocation Chart (MAC)

The design will ensure maintenance and repair can be performed using common tools in a field environment to the maximum extent possible. Should a unique tool be required it will be provided with the Tactical Fire Fighting Truck. No Additional Skill Identifiers (ASI) will be required for maintenance or repair at any echelon. The contractor shall assign maintenance procedures and provisioning codes based on the maintenance plan.

**C.2.5.2 Provisioning Program****C.2.5.2.1 Provisioning Objectives:**

**Name of Offeror or Contractor:**

- A. The contractor shall maintain the existing TFFT parts provisioning database and update that data base based on engineering change, error correction, incorporation of government furnished corrections.
- B. The contractors database will be used to update the Provisioning Master Record (PMR) of the Tactical Fire Fighting Truck. The PMR is stored on the Government database.
- C. The PMR will include all data for the assemblies, sub-assemblies, spare parts and kits to include Component of the End Item (COEI), Basic Issue Items (BII), Additional Authorized Items (AAL) and Special Tools required to support the Tactical Fire Fighting Truck.
- D. The contractor shall provide a drawing for each individual part or tool sufficient to support the Government cataloging effort.

## C.2.5.2.2 Provisioning Contract Control Number (PCCN):

The PCCN for the TACTICAL FIRE FIGHTING TRUCK is CHEMTT with a Provisioning Control Code (FFT) / Use On Code (FFT)

C.2.5.2.3 Provisioning Schedule and Reviews: The contractor shall provide a provisioning performance schedule at the Start of Work meeting. This schedule shall provide an estimate of the number of lines to be provisioned and the number of conferences that will be required. The maximum number of items at any 40-hour Provisioning Review shall be 1,500 line items.

C.2.5.3 Logistics Management Information (LMI) Data Products/Provisioning Parts List (PPL) (DI-ALSS-81529, CDRL A007, for guidance see MIL-STD-1388-2B, LSA-036 summary).

C.2.5.3.1 The contractor shall maintain provisioning data for the TACTICAL FIRE FIGHTING TRUCK using PCCN CHEMTT in the Provisioning Master Record (PMR). After the TACTICAL FIRE FIGHTING TRUCK PMR is established, the contractor shall add or change data to include the most recent production configurations and parts information changes. The contractor shall prepare and deliver a LMI data product at the provisioning reviews. The contractor may use PPL-LSA-036 Report format for all items during Provisioning reviews.

C.2.5.3.2 Logistics Management Information Summaries/ Pre-Procurement Screening: (DI-ALLS-81530, CDRL A008 For guidance see DI-V-7016F. The contractor shall conduct pre-procurement screening for all items to be provisioned. Drawings are not required for items accompanied by a copy of pre-procurement screening that indicates the item has a valid National Stock Number (NSN). The contractor shall perform pre-screening for all items previously X source coded that the government requests to be recoded to P source code.

C.2.5.3.3 The contractor shall provide the following at each provisioning review/ conference:

Two hard copies of the LMI Data Product. LSA-036 Summary (PPL) format are acceptable.

One drawing for each part listed on the LMI Data Product Report that does not have an NSN. This includes drawings for every item previously source coded X that the government requests to be recoded to a P coded item.

A copy of the Pre-Procurement screening results

A copy of each installation or assembly drawing within which the part appears.

C.2.5.3.4 The contractor shall insure that all submitted LMI Data Products are compatible with our Commodity Command Standard System (CCSS). The data shall be capable of being loaded into our PMR without any modification to the data.

C.2.5.3.5 The contractor shall correct rejects within 30 days of notification.

C.2.5.3.6 The contractor shall provide the following with each LMI Data Product, for each item: the immediate/true next higher assembly (NHA) PLISN and Indicator Code of N or E and the overhaul quantity.

C.2.5.3.7 Logistics Management Information Products/ Supplementary Provisioning Technical Documentation (SPTD)/ Drawings. (DI-ALSS-81529, CDRL A009 For guidance see Supplementary Provisioning Technical Documentation (SPTD) DI-V-7000A. The contractor shall have available at each provisioning review one hard copy SPTD/drawing for each item on the PPL for our review.

(1) The drawings shall be in Provisioning List Item Sequence Number (PLISN) sequence.

(2) After the Government approves each drawing as being suitable for NSN assignment, the drawings shall be submitted on a CD in Adobe Acrobat PDF file, or other mutually agreeable format. They shall be delivered with each increment of the PPL.

(3) Text on all drawings shall be in the English Language.

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(4) The contractor shall have all approved vendor Commercial and Government Entity (CAGE) code typed, stamped or written legibly with an authorized signature and date on all drawings.

Substitutes for drawings, such as commercial catalogs or catalog descriptions, sketches or photographs with brief descriptions or dimensions, material, mechanical, electrical or other descriptive characteristics will be permitted on a case-by-case basis.

## C.2.5.4 Technical Manuals

## C.2.5.4.1 Reserved

C.2.5.4.2 When required by task order, the contractor shall update the equipment Technical Manuals (TM) as listed in paragraph C.2.5.4.6.

## C.2.5.4.3 Reserved

C.2.5.4.4 All contractor developed graphics will be delivered in a graphic file format approved by the Government.

C.2.5.4.5 The contractor shall ensure the Final Draft Equipment Publication (FDEP) delivered under this contract is consistent with the Government approved equipment configuration.

C.2.5.4.6 Technical Manual number for the Tactical Fire Fighting Truck Operators Manual is TM 9-2320-279-10-3. Technical Manual number for the Tactical Fire Fighting Truck Maintenance Manual is TM 9-2320-315-14&P. Additional information (PIN (060911-000), IDN (380265), Authentication Statement/number and date) will be provided by the Government prior to final delivery. The contractor shall place the TM number on the front cover and title page and each page (front and back) of the manual.

C.2.5.4.7 Delivery. Timely delivery of acceptable publications is essential for support of end items procured. If delivery is late or publications are unacceptable, the Contracting Officer reserves the right to delay Government acceptance of the end item until such time as acceptable publications are received and approved. Any delays associated with making corrections to the TM are the contractors responsibility and are not considered excusable. All publications material will be delivered in quantities required by the applicable DD Form 1423 and transportation costs will be prepaid, CDRL A00A and CDRL A00B.

All electronic files shall be delivered on a CD-ROM. Further clarification shall be provided at Start of Work meeting if needed. The Government reserves the right to approve/disapprove the Technical Manuals, Operation's Instructions, Army Maintenance Manuals and Troubleshooting Instructions, Repair Parts and Special Tool List Supplemental Information and Vendor Manuals. The contractor will be responsible for making any requested changes/corrections at no additional cost to the Government.

C.2.5.4.8 The contractor is required to validate the accuracy and usability of all publication deliverables. The Contractor shall have and use their documented Quality Assurance (QA) processes and inspections. The Government has the right to review validation records and witness validation processes at any time during the contractor performance period. The Government reserves the right to verify all publication deliverables. The Government reviews and verification may be done through statistical sampling and a mix of desktop review and actual performance; but could include actual performance of all procedures and review of all pages, if deemed necessary by the Government. The Government does not intend to review and verify every page at every review, but relies on complete, careful editing and a stipulated phased task review by the contractor. If there are indications that the contractor has performed incomplete or inadequate QA reviews, the Government may elect to perform additional reviews and return products for rework.

C.2.5.4.9 Maintenance Instructions. The maintenance manual (TM) will contain all information required to effectively maintain the Tactical Fire Fighting Truck in a fully operational/mission capable status. The COMPAS/Lite Model and the following parameters will govern the level of repair and the decision to repair vs. replace. The maintenance of any assembly or piece part that can be removed, repaired, and installed using the common and special tools identified below shall be written as either a stand-alone maintenance task or incorporated within a next higher assembly maintenance task.

C.2.5.4.10 Special Tools and Test Equipment. Special Tools are defined as tools not found in the U.S. Army's "General Mechanics" tool kit (NSN: 5180-01-454-3787), "Organizational Maintenance" Common #1 tool kit (NSN: 4910-00-754-0654), "Common #2" tool kit (NSN: 4910-00-754-0650), tool kit "Supplement #1" (NSN: 4910-00-754-0653). The contractor shall identify all special tools required to service or repair the Tactical Fire Fighting Truck.

C.2.5.4.11 TM Validation/Verification. The contractor shall separately validate updates to the TFFT manuals. The contractor shall deliver validated advance copies of the publication electronically and hard copy for the purpose of conducting a verification. Draft TM delivery shall adhere to the delivery dates specified during start of work meeting.

C.2.5.5 Operator's Instructions. The operator section of the manual shall provide operating instructions for use by the vehicles crew, which provides complete and technically accurate instructions for the safe and efficient loading, operation, recovery, securing, transporting and deploying of the Tactical Fire Fighting Truck. The operator instructions shall contain daily, weekly and

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monthly PMCS for the Tactical Fire Fighting Truck to include those applicable to the vehicles interface. PMCS will clearly indicate the inspection interval. The criteria for deadlining the vehicle, with instructions, or reference for restoring the vehicle to a mission capable status shall be included. Instructions for lubrication shall be included in the Operators section. Operators Lubrication instructions shall identify Tactical Fire Fighting Truck specific lubrication points and types of lubricants required, and the recommended lubrication intervals. The operator instructions shall contain troubleshooting instructions to identify and isolate mechanical faults. Maintenance instructions for operators shall be limited to maintenance that can be accomplished with tools available on the Tactical Fire Fighting Truck.

C.2.5.5.1 Maintenance Instructions. The maintenance section of the manual shall contain the current Army maintenance system as outlined in AR-750-1 for the semi-annual and annual PMCS with detailed maintenance paragraphs sufficient to repair the Tactical Fire Fighting Truck and the vehicles interface components. The PMCS shall clearly indicate the inspection interval. The criteria for deadlining the vehicle, with instructions, or reference for restoring the vehicle to mission capable status shall be included. The maintenance instructions shall be sufficient in detail to accomplish all of the Tactical Fire Fighting Trucks specific maintenance requirements above the operator level. All lubrication instructions above the operator level shall be included in this section. The lubrication instructions shall identify all semi-annual, bi-annual, or as required lubrication schedules of the Tactical Fire Fighting Truck.

C.2.5.5.2 Troubleshooting Instructions. The troubleshooting section of the maintenance manual shall detail how to efficiently isolate the failure on the Tactical Fire Fighting Truck. References to the appropriate paragraph in the maintenance section detailing repair procedures of the faulty component shall be provided.

C.2.5.5.3 Repair Parts and Special Tools List (RPSTL). The RPSTL shall be included as an appendix to the manual. The RPSTL shall be sufficient to identify the parts available and needed to maintain the Tactical Fire Fighting Truck. The RPSTL must illustrate all components and associated down parts as well as call out, describe, and identify by part number and commercial source each of the parts illustrated. The final RPSTL delivered under this contract shall be extracted from the contractor's database (LSAR example, RPSTL output) with the data formatted to ensure easy loading into the Government's Commodity Command Standard System (CCSS) database.

C.2.5.5.4 Supplemental Information. The contractor shall provide supplemental data such as tables of content, indexes, Maintenance Allocation Chart (MAC), Components of End Item (COEI), Basic Issue Items (BII), Additional Authorization List (AAL), tools and the consumable supplies lists, stowage and sign guides, illustrated guide of manufactured items, torque limits and mandatory replacement parts.

C.2.5.6 Delivery of Tactical Fire Fighting Trucks. A DA 2408-9, Equipment Control Record will be prepared for each end item of equipment. The contractor shall prepare the form as an acceptance record, CDRL A00C.

**C.2.6 PACKAGING DEVELOPMENT**

C.2.6.1 . The Contractor shall for hazardous material items, Authorized Stockage List (ASL), Special tool kits and reparable items - develop and provide packaging data for all provisioned items pertaining to the TFFT that are not common with other TACOM vehicle systems. On all remaining TFFT unique items, unit pack length, width, depth, cube and weight data shall be provided. The contractor shall assess changes to engineering and logistic data for impact on packaging data, and shall provide packaging impact statements with ECPs. For each change, the contractor shall determine if additional items require packaging data and if existing packaging data requires revision. The Contractor shall provide new and revised packaging data if sufficient data. Contractor shall provide facilities, equipment, materials, and access to the provisioned items for packaging development. The Contractor shall include information for each of the items, which shall be provided concurrently with each packaging data submittal, so that we can determine the adequacy of the Contractor prepared packaging analysis and data submittal. This includes item drawings and data such as: Source, Maintenance, and Recoverability (SMR) codes, Unit of Issue codes, Unit of Measure and Measurement Quantity, and copies of any applicable Material Safety Data Sheets.

C.2.6.1.1 The contractor is responsible for packaging development status. This includes engineering and logistic changes showing the status of packaging development for these changes. The contractor shall make available the packaging development status of each provisioned item. The contractor shall provide the electronic data interface via Microsoft Office Professional. Available methods of delivery are: Electronic Mail, File Transfer Protocol, or CD Rom.

C.2.6.2. Packaging/Logistics Data Entry. The Contractor shall develop, maintain and update packaging data in accordance with DI-PACK-80120B, CDRL A00D and provide to the Government information for the TACOM Packaging Data File. See Attachment 2 for the format and content of complete Packaging Data entry (specific packaging data required will be identified at the start of work meeting). The TACOM approved Packaging Data Entry shall be electronically submitted to AMSTA-LC-LEAP (e-mail address to be provided after contract award) in an ASCII delimited text format using commas as delimiters. Quotation marks may be used as text qualifiers but are not required. Details regarding the entry of the information will be an item on the agenda for the Start of Work Meeting.

C.2.6.3. Special Packaging Instructions - The Contractor shall develop, maintain and update the Special Packaging Instruction for each item identified in C.2.6. Packaging processes and materials shall be described for cleaning, drying, preserving, packing, marking, and unitization. Figures and narrative data shall be developed to describe the form, fit, and function of packaging in sufficient detail for production. The format and content of Special Packaging Instructions shall be in accordance with Data Item DI-PACK-80121B, CDRL A00E

C.2.6.4. Validation Testing of Preservation Processing and Packaging.

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The Contractor shall validate packaging for Special group items in accordance with Appendix F of Standard Practice for Military Packaging MIL-STD-2073-1D. The test report shall be provided concurrently with the packaging data submittal, and shall include photographic records of package and testing.

C.2.6.5 Equipment Preservation Data Sheet.(DI-PACK-81581) CDRL A00F

a. The contractor shall develop and submit Shipment and Storage Instructions processing as described in MIL-STD-3003. The contractor shall consider disassembly procedures to meet clearance requirements for land, air, and sea shipment and to assure economical transportation. The contractor shall designate stowage locations and securement provisions for new items. Stowage provisions shall not interfere with lifting, tiedown or other transportation handling. To maintain the Equipment Preservation Data Sheet (EPDS), the contractor shall provide revision(s) for each approved design change affecting vehicle shipment configuration, weight, and/or transportability. Also, to maintain the EPDS, the contractor shall provide revision (s) for each logistic change (e.g., Packaging of Basic Issue Items(BII) or Components of the End Item (COEI) . The format and content of the EPDS shall be in accordance with DI-PACK-81581, CDRL A00F. Any exercising or maintenance of the vehicle for any particular shipping and storage condition shall be identified by the contractor.

b. The contractor shall validate the Level B procedures in the EPDS and shall submit a cost proposal to validate the Level A procedures. Validation for EPDS procedures shall verify the adequacy of the preservation, packaging, packing and stowage of BII/COEI, the preservation procedures for shipment and storage, and the exercising requirements for vehicles in long term storage. Government Representative will verify and witness the contractor validation.

C.2.7 RESERVED

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C.2.7.1.1. RESERVED

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C.2.7.1.4. RESERVED

C.2.7.1.5. RESERVED

C.2.7.2 Engineering Support. When requested by the Government, the contractor shall conduct engineering studies, prototype design and fabrication, software development, design verification, drawing development, logistics and testing in sufficient detail to support transition/integration into production units. These activities will be accomplished via the issuance of work directives and task orders. The contractor shall set aside up to 400 engineering hours to support this effort.

\*\*\* END OF NARRATIVE C 001 \*\*\*

<u>Regulatory Cite</u>	<u>Title</u>	<u>Date</u>
C-1 52.204-4003 (TACOM)	START OF WORK MEETING	MAY/2000

The contractor shall host a start of work meeting at its facility, unless some other location is designated in the contract, within 30 days after contract award. The contractor shall at a minimum invite the Contracting Officer's Representative (COR) identified in Section G or in an appointment letter, the Contract Specialist identified on the face page of this document, and the Administrative Contracting Officer (ACO). The COR, Contract Specialist, and ACO shall be given at least 14 days advance notice of the time, date, and location of the start of work meeting. The preferred method of notification is by email.

[End of Clause]

C-2 52.211-4053 (TACOM)	REQUIRED TAILORING LANGUAGE TO ELIMINATE CLASS I OZONE-DEPLETING SUBSTANCES (CIODS)	MAR/2000
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(a) The purchase description or Technical Data Package (TDP) for this contract incorporates one or more specifications or standards that, in their unmodified form, either authorize or require the use of Class I Ozone-Depleting Substances (CIODS). For purposes of your performance on this contract, those specifications (which are identified in paragraph (b) of this clause) are modified by special tailoring language which appears in the TACOM Acquisition Center's web-site. Directions for reaching our web-site and locating the required tailoring language appear in paragraph (c) of this clause.

(b) Tailoring language to eliminate the authorization or requirement to use Class I Ozone-Depleting Substances (CIODS) is hereby incorporated into this contract by reference. Packaging Specifications MIL-L-61002 and MIL-STD-129, where they apply, are affected by this tailoring language. Other specifications and standards affected are: None.

(c) The CIODS listing that contains the required tailoring language is on the TACOM Acquisition Center web-site, which you can

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**CONTINUATION SHEET****Reference No. of Document Being Continued****Page 17 of 67****PIIN/SIIN** W56HZV-04-R-0734**MOD/AMD**

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reach by using this URL: <http://contracting.tacom.army.mil/ciods.html>

[End of Clause]

**Name of Offeror or Contractor:**

## SECTION D - PACKAGING AND MARKING

Regulatory Cite	Title	Date
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D-1	252.211-7003 ITEM IDENTIFICATION AND VALUATION	JAN/2004
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[NOTE: The following clause requires unique item identification marking, or a DoD recognized unique identification equivalent, for all items delivered under the contract for which the Government's acquisition cost (as defined under 'Definitions' below) is \$5,000 or more. Unique item identification marking is also required for items listed in paragraph (c)(1)(ii) of the clause. Unique item identification marking is required for embedded subassemblies, components, and parts if listed in paragraph (c)(1)(ii), or if listed elsewhere in the solicitation or resulting contract. In the event that the Government has not yet identified these items or embedded parts, paragraph (c)(1)(ii) will read "TBD" for "to be determined". If these items are identified by the Government before the time proposals are due, an amendment to the solicitation will be issued which identifies them. If not, award will be made on the basis of them not being identified, however the contract may be later modified to include such identification marking. This clause also requires the contractor to report the Government's acquisition cost for each item delivered under the contract. Information concerning these requirements is available at <http://www.acq.osd.mil/uid> . ]

(a) Definitions. As used in this clause--

"Automatic identification device" means a device, such as a reader or interrogator, used to retrieve data encoded on machine-readable media.

"Commonly accepted commercial marks" means any system of marking products for identification that is in use generally throughout commercial industry or within commercial industry sectors. Some examples of commonly accepted commercial marks are: EAN.UCC Global Trade Item Number; Automotive Industry Action Group B-4 Parts Identification and Tracking Application Standard, and B-2 Vehicle Identification Number Bar Code Label Standard; American Trucking Association Vehicle Maintenance Reporting Standards; Electronic Industries Alliance EIA 802 Product Marking Standard; and Telecommunications Manufacturers Common Language Equipment Identification Code.

"Concatenated unique item identifier" means-- (1) For items that are serialized within the enterprise identifier, the linking together of the unique identifier data elements in order of the issuing agency code, enterprise identifier, and unique serial number within the enterprise identifier; or (2) For items that are serialized within the original part number, the linking together of the unique identifier data elements in order of the issuing agency code, enterprise identifier, original part number, and serial number within the part number.

"Data qualifier" means a specified character (or string of characters) that immediately precedes a data field that defines the general category or intended use of the data that follows.

"DoD recognized unique identification equivalent" means a unique identification method that is in commercial use and has been recognized by DoD. All DoD recognized unique identification equivalents are listed at <http://www.acq.osd.mil/uid> .

"DoD unique item identification" means marking an item with a unique item identifier that has machine-readable data elements to distinguish it from all other like and unlike items. In addition-- (1) For items that are serialized within the enterprise identifier, the unique identifier shall include the data elements of issuing agency code, enterprise identifier, and a unique serial number. (2) For items that are serialized within the part number within the enterprise identifier, the unique identifier shall include the data elements of issuing agency code, enterprise identifier, the original part number, and the serial number. Enterprise means the entity (i.e., a manufacturer or vendor) responsible for assigning unique item identifiers to items.

"Enterprise identifier" means a code that is uniquely assigned to an enterprise by a registration (or controlling) authority.

"Government's unit acquisition cost" means-- (1) For fixed-price type line, subtitle, or exhibit line items, the unit price identified in the contract at the time of delivery; and (2) For cost-type line, subtitle, or exhibit line items, the Contractor's estimated fully burdened unit cost to the Government for each item at the time of delivery.

"Issuing agency code" means a code that designates the registration (or controlling) authority.

"Item" means a single hardware article or unit formed by a grouping of subassemblies, components, or constituent parts required to be delivered in accordance with the terms and conditions of this contract.

"Machine-readable" means an automatic information technology media, such as bar codes, contact memory buttons, radio frequency identification, or optical memory cards.

"Original part number" means a combination of numbers or letters assigned by the enterprise at asset creation to a class of items with the same form, fit, function, and interface.

"Registration (or controlling) authority" means an organization responsible for assigning a non-repeatable identifier to an enterprise (i.e., Dun & Bradstreet's Data Universal Numbering System (DUNS) Number, Uniform Code Council (UCC)/EAN International (EAN) Company Prefix, or Defense Logistics Information System (DLIS) Commercial and Government Entity (CAGE) Code).

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"Serial number within the enterprise identifier or unique serial number" means a combination of numbers, letters, or symbols assigned by the enterprise to an item that provides for the differentiation of that item from any other like and unlike item and is never used again within the enterprise.

"Serial number within the part number or serial number" means a combination of numbers or letters assigned by the enterprise to an item that provides for the differentiation of that item from any other like item within a part number assignment.

"Serialization within the enterprise identifier" means each item produced is assigned a serial number that is unique among all the tangible items produced by the enterprise and is never used again. The enterprise is responsible for ensuring unique serialization within the enterprise identifier.

"Serialization within the part number" means each item of a particular part number is assigned a unique serial number within that part number assignment. The enterprise is responsible for ensuring unique serialization within the part number within the enterprise identifier.

"Unique item identification" means marking an item with machine-readable data elements to distinguish it from all other like and unlike items.

"Unique item identifier" means a set of data marked on items that is globally unique, unambiguous, and robust enough to ensure data information quality throughout life and to support multi-faceted business applications and users.

"Unique item identifier type" means a designator to indicate which method of uniquely identifying a part has been used. The current list of accepted unique item identifier types is maintained at [http://www.acq.osd.mil/uid\\_](http://www.acq.osd.mil/uid_).

(b) The Contractor shall deliver all items under a contract line, subline, or exhibit line item.

(c) Unique item identification.

(1) The Contractor shall provide DoD unique item identification, or a DoD recognized unique identification equivalent, for--

(i) All items for which the Government's unit acquisition cost is \$5,000 or more; and

(ii) The following items for which the Government's unit acquisition cost is less than \$5,000:

Contract Line, Subline, or Exhibit Line Item Number: -1-

Item Description: -2-

(iii) Subassemblies, components, and parts embedded within items as specified in -3- \_\_\_\_.

(2) The unique item identifier and the component data elements of the unique item identifier shall not change over the life of the item.

(3) Data syntax and semantics. The Contractor shall--

(i) Mark the encoded data elements (except issuing agency code) on the item using any of the following three types of data qualifiers, as specified elsewhere in the contract:

(A) Data Identifiers (DIs) (Format 06).

(B) Application Identifiers (AIs) (Format 05), in accordance with ISO/IEC International Standard 15418, Information Technology-- EAN/UCC Application Identifiers and ASC MH 10 Data Identifiers and ASC MH 10 Data Identifiers and Maintenance.

(C) Text Element Identifiers (TEIs), in accordance with the DoD collaborative solution ``DD'' format for use until the final solution is approved by ISO JTC1/SC 31. The DoD collaborative solution is described in Appendix D of the DoD Guide to Uniquely Identifying Items, available at <http://www.acq.osd.mil/uid> ; and

(ii) Use high capacity automatic identification devices in unique identification that conform to ISO/IEC International Standard 15434, Information Technology--Syntax for High Capacity Automatic Data Capture Media.

(4) Marking items.

(i) Unless otherwise specified in the contract, data elements for unique identification (enterprise identifier, serial

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number, and, for serialization within the part number only, original part number) shall be placed on items requiring marking by paragraph (c)(1) of this clause in accordance with the version of MIL-STD-130, Identification Marking of U.S. Military Property, cited in the contract Schedule.

(ii) The issuing agency code--

(A) Shall not be placed on the item; and

(B) Shall be derived from the data qualifier for the enterprise identifier.

(d) Commonly accepted commercial marks. The Contractor shall provide commonly accepted commercial marks for items that are not required to have unique identification under paragraph (c) of this clause.

(e) Material Inspection and Receiving Report. The Contractor shall report at the time of delivery, as part of the Material Inspection and Receiving Report specified elsewhere in this contract, the following information:

(1) Description.\*

(2) Unique identifier\*\*, consisting of--

(i) Concatenated DoD unique item identifier; or

(ii) DoD recognized unique identification equivalent.

(3) Unique item identifier type.\*\*

(4) Issuing agency code (if DoD unique item identifier is used).\*\*

(5) Enterprise identifier (if DoD unique item identifier is used).\*\*

(6) Original part number.\*\*

(7) Serial number.\*\*

(8) Quantity shipped.\*

(9) Unit of measure.\*

(10) Government's unit acquisition cost.\*

(11) Ship-to code.

(12) Shipment date.

(13) Contractor's CAGE code or DUNS number.

(14) Contract number.

(15) Contract line, subline, or exhibit line item number.\*

(16) Acceptance code.

\* Once per contract line, subline, or exhibit line item.

\*\* Once per item.

(f) Material Inspection and Receiving Report for embedded subassemblies, components, and parts requiring unique item identification. The Contractor shall report at the time of delivery, as part of the Material Inspection and Receiving Report specified elsewhere in this contract, the following information:

(1) Unique item identifier of the item delivered under a contract line, subline, or exhibit line item that contains the embedded subassembly, component, or part.

(2) Unique item identifier of the embedded subassembly, component, or part, consisting of--

(i) Concatenated DoD unique item identifier; or

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(ii) DoD recognized unique identification equivalent.

(3) Unique item identifier type.\*\*

(4) Issuing agency code (if DoD unique item identifier is used).\*\*

(5) Enterprise identifier (if DoD unique item identifier is used).\*\*

(6) Original part number.\*\*

(7) Serial number.\*\*

(8) Unit of measure.

(9) Description.

\*\* Once per item.

(g) The Contractor shall submit the information required by paragraphs (e) and (f) of this clause in accordance with the procedures at <http://www.acq.osd.mil.uid>

\_\_\_\_(h) Subcontracts. If paragraph (c)(1)(iii) of this clause applies, the Contractor shall include this clause, including this paragraph (h), in all subcontracts issued under this contract.

[End of Clause]

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## SECTION E - INSPECTION AND ACCEPTANCE

	<u>Regulatory Cite</u>	<u>Title</u>	<u>Date</u>
E-1	52.246-2	INSPECTION OF SUPPLIES--FIXED-PRICE	AUG/1996
E-2	52.246-16	RESPONSIBILITY FOR SUPPLIES	APR/1984
E-3	52.211-4069 (TACOM)	WELDING INSPECTION REQUIREMENTS	MAR/2001

(a) INSPECTION: As the contractor, during performance of this contract you will verify weld quality and workmanship using qualified inspectors trained to perform these inspection functions. Acceptable qualification of your inspectors may be based on:

(1) current or previous certification as an AWS Certified Welding Inspector; or

(2) current or previous certification by the Canadian Welding Bureau (CWB); or

(3) inspection performed by an engineer or technician who is competent in the use of weld inspection techniques and equipment, on the basis of (i) formal training or (ii) experience, or both, in metals fabrication, inspection, and testing.

(b) NON BALLISTIC VISUAL INSPECTION. You will perform all non-ballistic visual inspections of weld quality and workmanship for structural steel in accordance with Section 6 of AWS D1.1-96. For structural aluminum, you may perform non-ballistic visual inspections of weld quality and workmanship using the guidelines given in MIL-STD-370A, dated 21 Sep 93.

(c) BALLISTIC VISUAL INSPECTION. You will perform all ballistic visual inspections in accordance with section 6 of the UDLP/TACOM Ground Combat Vehicle Code--Aluminum, dated July 1996. Copies of this document can be obtained by written request to:

Commander, US Army Tank-automotive and Armaments Command  
ATTN: AMSTA-TR-E/Materials  
Warren, MI 48397-5000

[End of Clause]

E-4	52.246-4008 (TACOM)	FINAL INSPECTION RECORD (FIR)	APR/2000
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(a) The Contractor shall prepare a Final Inspection Record (FIR) in his/her own format for each vehicle under the contract. The FIR should be organized so as to be compatible with assemblies, installation, and end item performance and acceptance. The FIR shall contain all examinations and tests that are performed on a single unit during its manufacture and final inspection. The FIR shall list each vehicle characteristic or function to be inspected from the vehicle specification. As a minimum, the FIR shall have blocks for the contractor's inspector's initials indicating that each characteristic or function was inspected and either accepted or rejected, and another block for reinspection and acceptance of any rejected characteristic or function. Final review and acceptability shall be indicated by a signature block containing the full name and title of the company official rendering approval. The FIR shall be updated to reflect all engineering and/or manufacturing changes that impact the FIR, during the entire contract period. The contractor shall submit the completed and certified copy of the FIR to the Government Inspector with each item inspected and offered for acceptance by the Government.

(b) Deficiencies disclosed during inspection by the contractor shall be described in writing and included as part of the FIR.

(c) If the contractor determines that the FIR is not appropriate for final inspection of the end item, for any reason, s/he must obtain written approval from the contracting officer prior to employing any other form for this purpose.

[End of Clause]

E-5	52.246-4028 (TACOM)	INSPECTION POINT: ORIGIN	FEB/1994
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We will inspect the supplies as described elsewhere in this solicitation/contract before acceptance. Fill-in the location, contractor's or subcontractor's plant, where origin inspection will occur.

CONTRACTOR'S PLANT:

\_\_\_\_\_ (Name)

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(Address) (City) (County) (State) (Zip)

## SUBCONTRACTOR'S PLANT:

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(Name)

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(Address) (City) (County) (State) (Zip)

[End of Clause]

E-6 52.246-4029 ACCEPTANCE POINT: ORIGIN  
(TACOM)

OCT/2002

We will accept these supplies at the address or addresses designated in the Section E clause entitled INSPECTION POINT.

[End of Clause]

E-7 52.246-4041 FIRST PRODUCTION VEHICLE ACCEPTANCE  
(TACOM)

APR/2000

(a) First Production Vehicle Inspection (FPVI). At least 20 calendar days prior to submission of the First Production Vehicles for inspection, you shall notify the Administrative Contracting Officer, Procuring Contracting Officer, and the Product Quality Manager of the time and location of the inspection so we may witness and participate in the inspection. You shall make available to us any record of inspections and tests which have previously been conducted on the FPVI vehicles and their components.

(b) FPVI Report. You shall document the results of the FPVI test in your own format. The results of the FPVI test shall be in sufficient detail for separate formulation of conclusions by interested parties not witnessing the test/inspection. You shall address deficiencies discovered and corrective actions taken.

(c) FPVI Re-Inspection. If we reject the FPVI, you may be required at our option to repeat any or all of the FPVI. After notification of the additional inspection, you shall make any necessary changes, modifications, or repairs to the First Production Vehicles. We have the option to select another production vehicle for FPVI in lieu of the original FPV. Upon completion of additional inspection(s), you shall again document the test results.

(d) Vehicle Restoration. Upon completion of testing such as Shakedown Test, Product Verification Test and/or Follow-on Production Test, you shall restore these vehicles to a like new condition.

[End of Clause]

E-8 52.246-4048 DRAWINGS FOR INSPECTION  
(TACOM)

NOV/1982

The Contractor shall make available to the Government Inspector, at the time of production inspection, legible drawings and printed specifications to which the product was manufactured. These drawings and specifications shall be annotated as to the latest revision incorporated therein. Upon completion of product inspection and acceptance by the Government Inspector, all drawings and specifications will be returned to the Contractor.

[End of Clause]

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## SECTION F - DELIVERIES OR PERFORMANCE

	<u>Regulatory Cite</u>	<u>Title</u>	<u>Date</u>
F-1	52.242-15	STOP-WORK ORDER	AUG/1989
F-2	52.242-17	GOVERNMENT DELAY OF WORK	APR/1984
F-3	52.247-29	F.O.B. ORIGIN	JUN/1988
F-4	52.247-52	CLEARANCE AND DOCUMENTATION REQUIREMENTS--SHIPMENTS TO DOD AIR OR WATER TERMINAL TRANSSHIPMENT POINTS	APR/1984
F-5	52.247-58	LOADING, BLOCKING, AND BRACING OF FREIGHT CAR SHIPMENTS	APR/1984
F-6	52.247-59	F.O.B. ORIGIN--CARLOAD AND TRUCKLOAD SHIPMENTS	APR/1984
F-7	52.242-4022 (TACOM)	DELIVERY SCHEDULE	MAY/2000

(a) DEFINITIONS:(1) CLIN means Contract Line Item Number, and refers to the contract items listed in Section B of this document.(2) DAYS means the number of days after the date of contract award when you must deliver the stated quantity (QTY) of supplies.(3) DELIVERY is defined as follows:(i) FOB Origin - Contractor is required to deliver its shipment as provided in FAR 52.247-29(a)(1)-(4) by the time specified in the individual contract; or(ii) FOB Destination - Contractor is required to deliver its shipment as provided in FAR 52.247-34(a)(1)-(2) by the time specified in the individual contract. The contractor must take into consideration the length of time necessary to deliver its shipment to the destination designated in the contract, to ensure that the item reaches its destination by the time reflected in the contract.

(b) The Government's proposed delivery schedule is:

CLIN      DAYS      QUANTITY

-1-

(c) If the successful offeror is granted a waiver of the First Article Test requirement, as contained in Section E, the proposed delivery schedule in the resulting contract shall be accelerated by -2- days, to reflect the removal of leadtime originally included in the delivery schedule to provide for manufacturing, testing, and approval of the first article.

(d) You can accelerate delivery: -3-

(e) Proposing an accelerated delivery schedule will not prejudice your offer. However, if you propose a delivery schedule longer than the schedule listed above, your offer may be determined unacceptable for award.

(f) CONTRACTOR'S PROPOSED SCHEDULE:

(1) I WILL START DELIVERIES \_\_\_\_\_ DAYS AFTER THE AWARD DATE; OR, IF APPLICABLE, \_\_\_\_\_ DAYS AFTER AWARD IF FIRST ARTICLE TEST IS WAIVED.

(2) I WILL DELIVER A QUANTITY OF \_\_\_\_\_ UNITS EVERY 30 DAYS, BUT I HAVE THE CAPABILITY TO DELIVER UP TO A MAXIMUM OF \_\_\_\_\_ UNITS EVERY 30 DAYS.

[End of Clause]

F-8	52.211-16	VARIATION IN QUANTITY	APR/1984
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(a) A variation in the quantity of any item called for by this contract will not be accepted unless the variation has been caused by conditions of loading, shipping, or packing, or allowances in manufacturing processes, and then only to the extent, if any, specified in paragraph (b) below.

(b) The permissible variation shall be limited to:

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    ZERO     percent increase; and  
    ZERO     percent decrease.

(c) This increase or decrease shall apply to THE TOTAL CONTRACTUAL QUANTITY.

[End of Clause]

F-9

52.247-60

GUARANTEED SHIPPING CHARACTERISTICS

DEC/1989

(a) The offeror is requested to complete subparagraph (a)(1) of this clause, for each part or component which is packed or packaged separately. This information will be used to determine transportation costs for evaluation purposes. If the offeror does not furnish sufficient data in subparagraph (a)(1) of this clause, to permit determination by the Government of the item shipping costs, evaluation will be based on the shipping characteristics submitted by the offeror whose offer produces the highest transportation costs or in the absence thereof, by the Contracting Officer's best estimate of the actual transportation costs. If the item shipping costs, based on the actual shipping characteristics, exceed the item shipping costs used for evaluation purposes, the Contractor agrees that the contract price shall be reduced by an amount equal to the difference between the transportation costs actually incurred, and the costs which would have been incurred if the evaluated shipping characteristics had been accurate.

(1) To be completed by the offeror:

- (i) Type of "Outer" container: Wood Box \_\_\_\_\_, Fiber Box \_\_\_\_\_, Barrel \_\_\_\_\_, Reel \_\_\_\_\_, Drum \_\_\_\_\_, Other (Specify) \_\_\_\_\_
- (ii) Shipping configuration: Knocked-down \_\_\_\_\_, Set-up \_\_\_\_\_, Nested \_\_\_\_\_, Other (specify) \_\_\_\_\_;
- (iii) Size of outer container: \_\_\_\_\_ inches (Length), x \_\_\_\_\_ inches (Width), x \_\_\_\_\_ inches (Height) = \_\_\_\_\_ Cubic FT;
- (iv) Number of items per outer container \_\_\_\_\_ Each;
- (v) Gross weight of outer container and contents \_\_\_\_\_ LBS
- (vi) Palletized/skidded \_\_\_\_\_ Yes \_\_\_\_\_ No;
- (vii) Number of outer containers per pallet/skid \_\_\_\_\_;
- (viii) Weight of empty pallet bottom/skid and sides \_\_\_\_\_ LBS;
- (ix) Size of pallet/skid and contents \_\_\_\_\_ LBS Cube \_\_\_\_\_;
- (x) Number of outer containers or pallets/skids per railcar \_\_\_\_\_ \* --  
 Size of railcar \_\_\_\_\_  
 Type of railcar \_\_\_\_\_
- (xi) Number of outer containers or pallets/skids per trailer \_\_\_\_\_ \*--  
 Size of trailer \_\_\_\_\_  
 Type of trailer \_\_\_\_\_

\*Number of complete units (contract line item) to be shipped in carrier's equipment.

(2) To be completed by the Government after evaluation but before contract award:

- (i) Rate used in evaluation \_\_\_\_\_;
- (ii) Tender/Tariff \_\_\_\_\_;
- (iii) Item \_\_\_\_\_;

The guaranteed shipping characteristics requested in subparagraph (a)(1) of this clause do not establish actual transportation requirements, which are specified elsewhere in this solicitation. The guaranteed shipping characteristics will be used only for the

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purpose of evaluating offers and establishing any liability of the successful offeror for increased transportation costs resulting from actual shipping characteristics which differ from those used for evaluation in accordance with paragraph (a) of this clause.

[End of FAR Clause]

The following information is provided as guidance in filling out the above clause by paragraph. Note: Disregard asterisk (\*) in the clause where it appears.

(a)(1)(i) Type of container (mandatory fill-in):

The type of container is defined as an overpack. This is an outer container usually made of steel, wood, or fiber designed to enclose and protect one or more less durable inner containers. When Other is selected you must also complete (a)(1)(ii) Shipping configuration.

(a)(1)(ii) Shipping configuration:

Complete this information when any one dimension of the item is reduced.

(a)(1)(iii) Size of container (mandatory fill-in):

Outer dimensions of the overpack or other described shipping configuration. Must be provided in inches. The cube shall be provided in cubic feet. The cube is defined as the volume of space occupied by the unit under consideration computed by multiplying overall exterior length, width, and height.

(a)(1)(iv) Number of items per container (mandatory fill-in):

The number of units of issue in the overpack or in the other described shipping configuration.

(a)(1)(v) Gross weight of container and contents (mandatory fill-in):

The combined mass of the overpack containing the packing material and the number of units of issue supplied in pounds.

(a)(1)(vi) Palletized/skidded:

Indicate Yes if overpack or other described shipping configuration is attached to pallet or skid to form a unit load for handling.

(a)(1)(vii) Number of containers per pallet/skid:

Only complete this if you answered Yes to (a)(1)(vi). Containers are the number of overpacks or other described shipping configurations attached to a pallet or skid base.

(a)(1)(viii) Weight of empty pallet bottom/skid and sides:

Only complete this if you answered Yes to (a)(1)(vi) or when the weight of the container and contents in (a)(1)(v) above does not include this weight.

(a)(1)(ix) Size of pallet/skid and contents:

Only complete this if you answered Yes to (a)(1)(vi). Indicate weight in pounds and cube in cubic feet of combined overpack or other described shipping configuration and attached pallet or skid. The cube is defined as the volume of space occupied by the unit under consideration computed by multiplying overall exterior length, width, and height.

(a)(1)(x) Number of containers or pallets/skids per railcar:

Only complete this if you have rail capability and the rail car may be fully utilized. Quantity of overpacks or other described shipping configurations that will fit in a fully utilized railcar. Specify length in feet and type (flat, box, gondola, etc.) of railcar.

(a)(1)(xi) Number of containers or pallets/skids per trailer (mandatory fill-in): Quantity of overpacks or other described shipping configurations that will fit in a fully utilized trailer. Specify length in feet and type (flatbed, van, etc.) of trailer. For import/export shipments in ISO/seavan containers indicate quantity of overpacks or other described shipping configurations fully utilizing the container. Specify length in feet of the ISO/seavan containers.

NOTE: Fully Utilized means filling to full visible capacity.

[End of Clause]

F-10

52.247-65

F.O.B. ORIGIN--PREPAID FREIGHT--SMALL PACKAGE SHIPMENTS

JAN/1991

(a) When authorized by the Contracting Officer, f.o.b. origin freight shipments which do not have a security classification shall move on prepaid commercial bills of lading or other shipping documents to domestic destinations, including air and water terminals. Weight of individual shipments shall be governed by carrier restrictions but shall not exceed 150 pounds by any form of commercial air or 1,000 pounds by other commercial carriers. The Government will reimburse the Contractor for reasonable freight charges.

(b) The Contractor shall annotate the commercial bill of lading as required by the clause of this contract entitled Commercial

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Bill of Lading Notations.

(c) The Contractor shall consolidate prepaid shipments in accordance with procedures established by the cognizant transportation office. The Contractor is authorized to combine Government prepaid shipments with the Contractor's commercial shipments for delivery to one or more consignees and the Government will reimburse its pro rata share of the total freight costs. The Contractor shall provide a copy of the commercial bill of lading promptly to each consignee. Quantities shall not be divided into mailable lots for the purpose of avoiding movement by other modes of transportation.

(d) Transportation charges will be billed as a separate item on the invoice for each shipment made. A copy of the pertinent bill of lading, shipment receipt, or freight bill shall accompany the invoice unless otherwise specified in the contract.

(e) Loss and damage claims will be processed by the Government.

[End of Clause]

F-11            52.247-4005            SHIPMENT OF SUPPLIES AND DETENTION OF CARRIERS EQUIPMENT            AUG/2003  
                  (TACOM)

(a) Unless otherwise directed, shipment items under this contract in following order of priority:

- (1) Government/Commercial Bill(s) of Lading or US Postal Services;
- (2) Prepaid Commercial Bill(s) of Lading with transportation charges entered as a separate item on the invoice; or
- (3) As otherwise instructed when the contract prohibits use of Government funds for transportation costs.

(b) The Contractor will request:

- (1) Government Bills of Lading and

(2) Routing and other instructions, including Defense Transportation Regulation (DTR), DOD Regulation 4500.9-R-Part 2 Cargo Movement, as to the methods of shipment to be followed by the Contractor, or

(c) The Contractor and subcontractor(s) must allow prompt and convenient access of carrier's equipment to loading docks or platforms where the contract items supplies will be loaded. Any charges for detention of carrier's equipment shall be for the account of the Contractor, except when the detention is required or caused by the Government.

[End of Clause]

F-12            52.247-4017            DEPOT ADDRESS FOR THE APPLICABLE MODE OF SHIPMENTS: IN-THE-CLEAR            JAN/2001  
                  (TACOM)            ADDRESSES

<u>Rail/ Motor SPLC*</u>	<u>MILSTRIP Address Code</u>	<u>Rail Ship To:</u>	<u>Motor Ship To:</u>	<u>Parcel Post Mail To:</u>
206721/ 209405	W25G1U	Transportation Officer Defense Dist Depot Susquehanna New Cumberland, PA	Transportation Officer Defense Dist Depot Susquehanna New Cumberland, PA	Transportation Officer Defense Dist Depot Susquehanna New Cumberland, PA 17070-5001
875670/ 875675	W62G2T	Transportation Officer XU Def Dist Depot San Joaquin 25600 S Chrisman Rd Rec Whse 10 Tracy, Ca 95376-5000	Transportation Officer XU Def Dist Depot San Joaquin 25600 S Chrisman Rd Rec Whse 10 Tracy, Ca 95376-5000	Transportation Officer Dist Depot San Joaquin P O Box 96001 Stockton, CA 95296-0130
471995/ 471996	W31G1Z	Transportation Officer Anniston Army Depot, Bynum, AL	Transportation Officer Anniston Army Depot, Bynum, AL	Transportation Officer Anniston Army Depot, Anniston, AL 36201-5021

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209741/ 209770	W25G1R	Transportation Officer Letterkenny Army Depot, Culbertson, PA	Transportation Officer Letterkenny Army Depot, Chambersburg, PA	Transportation Officer Letterkenny Army Depot, Chambersburg, PA 17201-4150
661136/ 661157	W45G19	Transportation Officer Red River Army Depot, Defense, TX	Transportation Officer Red River Army Depot, Texarkana, TX	Transportation Officer Red River Army Depot, Texarkana, TX 75507-5000
764538/ 764535	W67G23	Transportation Officer Tooele Army Depot, Warner, UT	Transportation Officer Tooele Army Depot, Tooele, UT	Transportation Officer Tooele Army Depot, Tooele, UT 84074-5003

\*\*\*SPLC indicates Standard Point Locator Code.

NOTE: The following is applicable only when so specified in an individual order or delivery increment:

This requirement is a depot replenishment buy, a portion of which is or may be required to fill Direct Support System (DSS) requisitions. Shipment shall be made, as specified, to one or more of:

New Cumberland Army Depot  
Red River Army Depot  
Sharpe Army Depot

prior to shipments to any other depots as may be designated. When more than one depot is designated for DSS shipments, priority shipments will be made equally to each of the designated destinations.

[End of Clause]

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## SECTION H - SPECIAL CONTRACT REQUIREMENTS

	<u>Regulatory Cite</u>	<u>Title</u>	<u>Date</u>
H-1	252.205-7000	PROVISION OF INFORMATION TO COOPERATIVE AGREEMENT HOLDERS	DEC/1991
H-2	252.211-7000	ACQUISITION STREAMLINING	DEC/1991
H-3	252.225-7001	BUY AMERICAN ACT AND BALANCE OF PAYMENTS PROGRAM	APR/2003
H-4	252.225-7002	QUALIFYING COUNTRY SOURCES AS SUBCONTRACTORS	APR/2003
H-5	252.225-7004	REPORTING OF CONTRACT PERFORMANCE OUTSIDE THE UNITED STATES	APR/2003
H-6	252.225-7013	DUTY-FREE ENTRY	JAN/2004
H-7	252.231-7000	SUPPLEMENTAL COST PRINCIPLES	DEC/1991
H-8	252.246-7000	MATERIAL INSPECTION AND RECEIVING REPORT	MAR/2003
H-9	52.217-4001 (TACOM)	SEPARATELY PRICED OPTION FOR INCREASED QUANTITY	APR/1997

(a) The Government hereby reserves the right to increase the quantity of the contract item up to an additional quantity of 35 units. The unit price for such option quantity shall be as set forth in CLIN 0002AA. This option may be exercised by the Government at any time, but in any event not later than 365 days after award. In addition, such option may be exercised in increments, subject to the stated total additional quantity limitations, price(s), and the above-stated time for exercise of the option.

(b) Delivery of the items added by the exercise of this option shall continue immediately after, and at the same rate as, delivery of like items called for under this contract, unless the parties hereto otherwise agree.

(c) Additionally, prior to the expiration of the original option period identified in paragraph (a) above, the Government may seek a bilateral extension of the option period for an additional period not to exceed 90 days from the expiration date of the original option period.

[End of Clause]

H-10	252.217-7026	IDENTIFICATION OF SOURCES OF SUPPLY	NOV/1995
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(a) The Government is required under 10 U.S.C. 2384 to obtain certain information on the actual manufacturer or sources of supplies it acquires.

(b) The apparently successful Offeror agrees to complete and submit the following table before award:

TABLE

Line Items	National Stock Number	Commercial Item (Y or N)	Company	Source of Supply Address	Part No.	Actual Mfg?
(1)	(2)	(3)	(4)	(4)	(5)	(6)

(1) List each item of supply and item of technical data.

(2) If there is no national stock number, list "none."

(3) Use Y if the item is a commercial item; otherwise use N. If Y is listed, the Offeror need not complete the remaining columns in the table.

(4) For items of supply, list all sources. For technical data, list the source.

(5) For items of supply, list each source's part number for the item.

(6) Use Y if the source or supply is the actual manufacturer; N if it is not; and U if unknown.

[End of Clause]

H-11	252.225-7003	REPORT OF INTENDED PERFORMANCE OUTSIDE THE UNITED STATES	APR/2003
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(a) The offeror shall submit a Report of Contract Performance Outside the United States, with its offer, if-

(1) The offer exceeds \$10 million in value; and

(2) The offeror is aware that the offeror or a first-tier subcontractor intends to perform any part of the contract outside the United States and Canada that-

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- (i) Exceeds \$500,000 in value; and
  - (ii) Could be performed inside the United States or Canada.
- (b) Information to be reported includes that for-
- (1) Subcontracts;
  - (2) Purchases; and
  - (3) Intracompany transfers when transfers originate in a foreign location.
- (c) The offeror shall submit the report using-
- (1) DD Form 2139, Report of Contract Performance Outside the United States; or
  - (2) A computer-generated report that contains all information required by DD Form 2139.
- (d) The offeror may obtain a copy of DD Form 2139 from the Contracting Officer.
- (End of provision)

H-12            52.204-4005            REQUIRED USE OF ELECTRONIC CONTRACTING            APR/2004  
(TACOM)

\* "Microsoft 97" below should read "Microsoft 2002"

(a) All contract awards, modifications and delivery orders issued by TACOM will be issued electronically. The contractor has the option to receive these actions either via the Worldwide Web (WWW) or Electronic Data Interchange (EDI). Many provisions and clauses appear "by reference," meaning only clause titles and regulation site are listed; their full texts can be found at the website <http://farsite.hill.af.mil/>

(b) In order to be eligible to receive an award under this solicitation, the successful offeror must be registered with the Department of Defense (DOD) Central Contractor Registration (CCR). The CCR registration process may be done electronically at the World Wide Web (WWW) site: <http://www.ccr.gov/> . (In order to be registered to use EDI, you must use the long form for registration. Certification information, including information on the EDI 838 TPP, must be furnished to the Contracting Officer within 60 calendar days after contract award to complete networking requirements within the Government.)

(c) Worldwide Web Distribution. The contractor will receive an electronic Notice of the Award, Modification, or Delivery Order via e-mail. If you choose the WWW option, you must download the file from the appropriate TACOM webpage:

Warren: [http://contracting.tacom.army.mil/awards\\_official.htm](http://contracting.tacom.army.mil/awards_official.htm)  
Rock Island: <http://aa.is.ria.army.mil/AAIS/AWDINFO/index.htm>  
Picatinny: <http://procnet.pica.army.mil/Contracts/Index.htm>  
Red River Army Depot: <http://www.redriver.army.mil/contracting/Awards>  
Anniston Army Depot: <http://www.anadprocnet.army.mil>

(d) Electronic Data Interchange. If you choose to receive contract awards, modifications and delivery orders through EDI, they will be delivered electronically via the Federal Acquisition Network (FACNET). Federal Standard Version 3050 of Standard X12 from the American National Standards Institute (ANSI) will be used as the format for these electronic transactions.

(1) You must complete the EDI 838 Trading Partner Profile, and must agree (i) to subcontract with a DoD certified VAN or Value Added Service (VAS) provider, or (ii) to become DoD certified as a Value Added Network (VAN). The EDI 838 Training Partner Profile is contained in the basic CCR registration form and includes portions of the registration form which are titled "Optional".

(2) You must select a VAN from the official DoD approved list. DoD Certified VANs are listed at <http://www.acq.osd.mil/ec/ecip/index.htm> . If your VAN is later removed from the official list, or if you voluntarily drop your initially selected VAN, then you must switch to a VAN that remains on the official DoD approved list. You must maintain an active account on a DoD approved VAN for the entire duration of the contract, beginning no later than the 60th day after award.

(e) Unless otherwise specified elsewhere in the contract, all data items you are required to provide under this contract must be submitted electronically. Acceptable formats include:

- (1) Microsoft\* 97 Office Products (TACOM can currently read OFFICE 97\* and lower.): Word, Excel, Powerpoint, or Access
- (2) 100 OR 250 MEGABYTE ZIP\*-DISK, 3 1/2 INCH DISK, OR 650 MEGABYTE CD ROM
- (3) E-MAIL (Maximum size of each e-mail message is be three and one-half (3.5) megabytes).

(4) Other electronic formats. Before submitting your data in any other electronic format, please e-mail the buyer identified on the face of the contract, with e-mail copy-furnished to [amsta-idq@tacom.army.mil](mailto:amsta-idq@tacom.army.mil), to obtain a decision as to the format's acceptability. This e-mail must be received by the buyer not later than ten calendar days before the required data submission date.

<b>CONTINUATION SHEET</b>	<b>Reference No. of Document Being Continued</b> <b>PIIN/SIIN</b> W56HZV-04-R-0734 <b>MOD/AMD</b>	<b>Page 31 of 67</b>
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NOTE: The above formats may be submitted in compressed form using self-extracting files.

(f) Additional information can be obtained by sending a message to: [acqcenweb@tacom.army.mil](mailto:acqcenweb@tacom.army.mil) or by calling (586) 574-7059.  
[End of Clause]

H-13            52.242-4020            REQUIRED VERIFICATION OF DESTINATIONS            MAY/2000  
(TACOM)

The Contractor will verify destinations set forth in this contract at the time Government Bills of Lading or Commercial Bills of Lading are requested, or at the time that Commercial Bills of Lading are issued. Verification will be requested through the Administrative Contracting Officer (ACO) to the buyer at the email address shown on the face of the contract.

[End of Clause]

H-14            52.246-4026            LOCAL ADDRESSES FOR DD FORM 250            JAN/2002  
(TACOM)

(a) The contractor must provide a copy of each Material Inspection and Receiving Report (DD 250) pertaining to this contract, to the addresses given below, using either of the following methods:

(1) Our first preference is for you to use electronic mail (e-mail), using the following e-mail address: [DD250@tacom.army.mil](mailto:DD250@tacom.army.mil)

(2) Our second preference is for you to use data facsimile (datafax) transmission, using this fax number: (586) 574-7788 and use "DD250 mailbox" in the "to:" block of your fax cover or header sheet.

In either method, do not mix DD250s from more than one contract in a single transmission. That is, you may submit multiple DD250s in a single transmission, but they must all be against the same contract.

(b) These copies meet the requirements for the Purchasing Office copy and the Army Inventory Control Manager copy listed in tables 1 and 2 of DFARS Appendix F.

(c) The DD250 form may be found, in three different formats, on the World Wide Web at <http://webl.whs.osd.mil/icdhome/DD-0999.htm>

[End of Clause]

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## SECTION I - CONTRACT CLAUSES

This contract incorporates one or more clauses by reference, with the same force and effect as if they were given in full text. Upon request, the Contracting Officer will make their full text available. Also, the full text of a clause may be accessed electronically at this address: <http://farsite.hill.af.mil/>

[End of Clause]

	<u>Regulatory Cite</u>	<u>Title</u>	<u>Date</u>
I-1	52.202-1	DEFINITIONS	DEC/2001
I-2	52.203-3	GRATUITIES	APR/1984
I-3	52.203-5	COVENANT AGAINST CONTINGENT FEES	APR/1984
I-4	52.203-6	RESTRICTIONS ON SUBCONTRACTOR SALES TO THE GOVERNMENT	JUL/1995
I-5	52.203-7	ANTI-KICKBACK PROCEDURES	JUL/1995
I-6	52.203-8	CANCELLATION, RESCISSION AND RECOVERY OF FUNDS FOR ILLEGAL OR IMPROPER ACTIVITY	JAN/1997
I-7	52.203-10	PRICE OR FEE ADJUSTMENT FOR ILLEGAL OR IMPROPER ACTIVITY	JAN/1997
I-8	52.203-12	LIMITATION ON PAYMENTS TO INFLUENCE CERTAIN FEDERAL TRANSACTIONS	JUN/2003
I-9	52.204-4	PRINTING/COPYING DOUBLE-SIDED ON RECYCLED PAPER	AUG/2000
I-10	52.209-6	PROTECTING THE GOVERNMENT'S INTEREST WHEN SUBCONTRACTING WITH CONTRACTORS DEBARRED, SUSPENDED, OR PROPOSED FOR DEBARMENT	JUL/1995
I-11	52.211-5	MATERIAL REQUIREMENTS	AUG/2000
I-12	52.215-2	AUDIT AND RECORDS - NEGOTIATIONS	JUN/1999
I-13	52.215-8	ORDER OF PRECEDENCE--UNIFORM CONTRACT FORMAT	OCT/1997
I-14	52.215-10	PRICE REDUCTION FOR DEFECTIVE COST OR PRICING DATA	OCT/1997
I-15	52.215-12	SUBCONTRACTOR COST OR PRICING DATA	OCT/1997
I-16	52.215-14	INTEGRITY OF UNIT PRICES	OCT/1997
I-17	52.215-19	NOTIFICATION OF OWNERSHIP CHANGES	OCT/1997
I-18	52.219-8	UTILIZATION OF SMALL BUSINESS CONCERNS	OCT/2000
I-19	52.219-9	SMALL BUSINESS SUBCONTRACTING PLAN (ALTERNATE II)	OCT/2001
I-20	52.222-1	NOTICE TO THE GOVERNMENT OF LABOR DISPUTES	FEB/1997
I-21	52.222-19	CHILD LABOR--COOPERATION WITH AUTHORITIES AND REMEDIES	JAN/2004
I-22	52.222-20	WALSH-HEALEY PUBLIC CONTRACTS ACT	DEC/1996
I-23	52.222-21	PROHIBITION OF SEGREGATED FACILITIES	FEB/1999
I-24	52.222-26	EQUAL OPPORTUNITY	APR/2002
I-25	52.222-35	AFFIRMATIVE ACTION FOR DISABLED VETERANS AND VETERANS OF THE VIETNAM ERA	DEC/2001
I-26	52.222-36	AFFIRMATIVE ACTION FOR WORKERS WITH DISABILITIES	JUN/1998
I-27	52.222-37	EMPLOYMENT REPORTS ON SPECIAL DISABLED VETERANS, VETERANS OF THE VIETNAM ERA, AND OTHER ELIGIBLE VETERANS	DEC/2001
I-28	52.223-6	DRUG FREE WORKPLACE	MAY/2001
I-29	52.225-13	RESTRICTIONS ON CERTAIN FOREIGN PURCHASES	JAN/2004
I-30	52.227-1	AUTHORIZATION AND CONSENT	JUL/1995
I-31	52.227-2	NOTICE AND ASSISTANCE REGARDING PATENT AND COPYRIGHT INFRINGEMENT	AUG/1996
I-32	52.229-4	FEDERAL, STATE, AND LOCAL TAXES (NONCOMPETITIVE CONTRACT)	APR/2003
I-33	52.230-2	COST ACCOUNTING STANDARDS	APR/1998
I-34	52.230-6	ADMINISTRATION OF COST ACCOUNTING STANDARDS	NOV/1999
I-35	52.232-1	PAYMENTS	APR/1984
I-36	52.232-8	DISCOUNTS FOR PROMPT PAYMENT	FEB/2002
I-37	52.232-11	EXTRAS	APR/1984
I-38	52.232-17	INTEREST	JUN/1996
I-39	52.232-23	ASSIGNMENT OF CLAIMS	JAN/1986
I-40	52.232-25	PROMPT PAYMENT	OCT/2003
I-41	52.232-33	PAYMENT BY ELECTRONIC FUNDS TRANSFER--CENTRAL CONTRACTOR REGISTRATION	OCT/2003
I-42	52.233-1	DISPUTES	JUL/2002
I-43	52.233-3	PROTEST AFTER AWARD	AUG/1996
I-44	52.242-10	F.O.B. ORIGIN--GOVERNMENT BILLS OF LADING OR PREPAID POSTAGE	APR/1984
I-45	52.242-12	REPORT OF SHIPMENT (REPSHIP)	JUN/2003
I-46	52.242-13	BANKRUPTCY	JUL/1995
I-47	52.243-1	CHANGES--FIXED-PRICE	AUG/1987
I-48	52.243-6	CHANGE ORDER ACCOUNTING	APR/1984
I-49	52.243-7	NOTIFICATION OF CHANGES	APR/1984
I-50	52.244-5	COMPETITION IN SUBCONTRACTING	DEC/1996
I-51	52.246-24	LIMITATION OF LIABILITY--HIGH-VALUE ITEMS	FEB/1997

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	<u>Regulatory Cite</u>	<u>Title</u>	<u>Date</u>
I-52	52.247-1	COMMERCIAL BILL OF LADING NOTATIONS the notation set forth in paragraph (a) of the clause applies in this contract. The agency name in line one of the notation shall read:US ARMY TANK-AUTOMOTIVE & ARMAMENTS COMMAND	APR/1984
I-53	52.248-1	VALUE ENGINEERING	FEB/2000
I-54	52.249-2	TERMINATION FOR CONVENIENCE OF THE GOVERNMENT (FIXED-PRICE)	SEP/1996
I-55	52.249-8	DEFAULT (FIXED-PRICE SUPPLY AND SERVICE)	APR/1984
I-56	52.253-1	COMPUTER GENERATED FORMS	JAN/1991
I-57	252.203-7001	PROHIBITION ON PERSONS CONVICTED OF FRAUD OR OTHER DEFENSE CONTRACT-RELATED FELONIES	MAR/1999
I-58	252.204-7003	CONTROL OF GOVERNMENT PERSONNEL WORK PRODUCT	APR/1992
I-59	252.209-7000	ACQUISITION FROM SUBCONTRACTORS SUBJECT TO ON-SITE INSPECTION UNDER THE INTERMEDIATE-RANGE NUCLEAR FORCES (INF) TREATY	NOV/1995
I-60	252.209-7004	SUBCONTRACTING WITH FIRMS THAT ARE OWNED OR CONTROLLED BY THE GOVERNMENT OF A TERRORIST COUNTRY per DoD interim rule, Federal Register 27 Mar 98	MAR/1998
I-61	252.211-7005	SUBSTITUTIONS FOR MILITARY OR FEDERAL SPECIFICATIONS AND STANDARDS	FEB/2003
I-62	252.215-7000	PRICING ADJUSTMENTS	DEC/1991
I-63	252.219-7003	SMALL, SMALL DISADVANTAGED AND WOMEN-OWNED SMALL BUSINESS SUBCONTRACTING PLAN (DOD CONTRACTS)	APR/1996
I-64	252.225-7012	PREFERENCE FOR CERTAIN DOMESTIC COMMODITIES	FEB/2003
I-65	252.225-7014	PREFERENCE FOR DOMESTIC SPECIALTY METALS (ALT 1)	APR/2003
I-66	252.225-7016	RESTRICTION ON ACQUISITION OF BALL AND ROLLER BEARINGS	APR/2003
I-67	252.225-7025	RESTRICTION ON ACQUISITION OF FORGINGS	APR/2003
I-68	252.225-7031	SECONDARY ARAB BOYCOTT OF ISRAEL	APR/2003
I-69	252.226-7001	UTILIZATION OF INDIAN ORGANIZATIONS AND INDIAN-OWNED ECONOMIC ENTERPRISES	SEP/2001
I-70	252.242-7000	POSTAWARD CONFERENCE	DEC/1991
I-71	252.242-7003	APPLICATION FOR U.S. GOVERNMENT SHIPPING DOCUMENTATION/INSTRUCTIONS	DEC/1991
I-72	252.243-7001	PRICING OF CONTRACT MODIFICATIONS	DEC/1991
I-73	252.243-7002	REQUESTS FOR EQUITABLE ADJUSTMENT	MAR/1998
I-74	252.244-7000	SUBCONTRACTS FOR COMMERCIAL ITEMS AND COMMERCIAL COMPONENTS (DoD CONTRACTS)	MAR/2000
I-75	52.215-21	REQUIREMENTS FOR COST OR PRICING DATA OR INFORMATION OTHER THAN COST OR PRICING DATA--MODIFICATIONS ````(ALTERNATE III (OCT 1997))	OCT/1997

(a) Exceptions from cost or pricing data.

(1) In lieu of submitting cost or pricing data for modifications under this contract, for price adjustments expected to exceed the threshold set forth at FAR 15.403-4 on the date of the agreement on price or the date of the award, whichever is later, the Contractor may submit a written request for exception by submitting the information described in the following subparagraphs. The Contracting Officer may require additional supporting information, but only to the extent necessary to determine whether an exception should be granted, and whether the price is fair and reasonable--

(i) Identification of the law or regulation establishing the price offered. If the price is controlled under law by periodic rulings, reviews, or similar actions of a governmental body, attach a copy of the controlling document, unless it was previously submitted to the contracting office.

(ii) Information on modifications of contracts of subcontracts for commercial items.

(A) If--

- (1) the original contract or subcontract was granted an exception from cost or pricing data requirements because the price agreed upon was based on adequate price competition, or prices set by law or regulation, or was a contract or subcontract for the acquisition of a commercial item, and
- (2) the modification (to the contract or subcontract) is not exempted based on one of these exceptions, then the Contractor may provide information to establish that the modification would not change the contract or subcontract from a contract or subcontract for the acquisition of a commercial item to a contract or subcontract for the acquisition of an item other than a

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commercial item.

(B) For a commercial item exception, the Contractor shall provide, at a minimum, information on prices at which the same item or similar items have previously been sold that is adequate for evaluating the reasonableness of the price of the modification. Such information may include--

- (1) For catalog items, a copy of or identification of the catalog and its date, or the appropriate pages for the offered items, or a statement that the catalog is on file in the buying office to which the proposal is being submitted. Provide a copy or describe current discount policies and price lists (published or unpublished), e.g., wholesale, original equipment manufacturer, or reseller. Also explain the basis of each offered price and its relationship to the established catalog price, including how the proposed price relates to the price or recent sales in quantities similar to the proposed quantities.
- (2) For market-priced items, the source and date or period of the market quotation or other basis for market price, the base amount, and applicable discounts. In addition, describe the nature of the market.
- (3) For items included on an active Federal Supply Service Multiple Award Schedule contract, proof that an exception has been granted for the schedule item.
- (4) The Contractor grants the Contracting Officer or an authorized representative the right to examine, at any time before award, books, records, documents, or other directly pertinent records to verify any request for an exception under this clause, and the reasonableness of price. For items priced using catalog or market prices, or law or regulation, access does not extend to cost or profit information or other data relevant solely to the Contractor's determination of the prices to be offered in the catalog or marketplace.

(b) Requirements for cost or pricing data. If the Contractor is not granted an exception from the requirement to submit cost or pricing data, the following applies:

(1) The Contractor shall submit cost or pricing data and supporting attachments in accordance with Table 15-2 of FAR 15.408.

(2) As soon as practicable after agreement on price, but before contract award (except for unpriced actions), the Contractor shall submit a Certificate of Current Cost or Pricing Data, as prescribed by FAR 15.406-2.

(c) Submit the cost portion of the proposal via the following electronic media: Electronic spreadsheet files compatible with MS-DOS/Windows versions Excel 5.0 or earlier, with \*.xls, \*.wbl, or \*.wk3 the preferred formats.

[End of Clause]

I-76            52.217-4001            SEPARATELY PRICED OPTION FOR INCREASED QUANTITY            APR/1997  
(TACOM)

(a) The Government hereby reserves the right to increase the quantity of the contract item up to an additional quantity of 35 units. The unit price for such option quantity shall be as set forth in CLIN 0002AA. This option may be exercised by the Government at any time, but in any event not later than 365 days after Award. In addition, such option may be exercised in increments, subject to the stated total additional quantity limitations, price(s), and the above-stated time for exercise of the option.

(b) Delivery of the items added by the exercise of this option shall continue immediately after, and at the same rate as, delivery of like items called for under this contract, unless the parties hereto otherwise agree.

(c) Additionally, prior to the expiration of the original option period identified in paragraph (a) above, the Government may seek a bilateral extension of the option period for an additional period not to exceed 90 days from the expiration date of the original option period.

[End of Clause]

I-77            52.223-3            HAZARDOUS MATERIAL IDENTIFICATION AND MATERIAL SAFETY DATA            JAN/1997  
(a) Hazardous material , as used in this clause, includes any material defined as hazardous under the latest version of Federal Standard No. 313 (including revisions adopted during the term of the contract). (b) The offeror must list any hazardous material, as defined in paragraph (a) of this clause, to be delivered under this contract. The hazardous material shall be properly identified and include any applicable identification number, such as National Stock Number or Special Item Number. This information

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shall also be included on the Material Safety Data Sheet submitted under this contract.

Material (If none, insert None)	Identification No.
_____	_____
_____	_____
_____	_____

(c) This list must be updated during performance of the contract whenever the Contractor determines that any other material to be delivered under this contract is hazardous.

(d) The apparently successful offeror agrees to submit, for each item as required prior to award, a Material Safety Data Sheet, meeting the requirements of 29 CFR 1910.1200(g) and the latest version of Federal Standard No. 313, for all hazardous material identified in paragraph (b) of this clause. Data shall be submitted in accordance with Federal Standard No. 313, whether or not the apparently successful offeror is the actual manufacturer of these items. Failure to submit the Material Safety Data Sheet prior to award may result in the apparently successful offeror being considered nonresponsible and ineligible for award.

(e) If, after award, there is a change in the composition of the item(s) or a revision to Federal Standard No. 313, which renders incomplete or inaccurate the data submitted under paragraph (d) of this clause, the Contractor shall promptly notify the Contracting Officer and resubmit the data.

(f) Neither the requirements of this clause nor any act or failure to act by the Government shall relieve the Contractor of any responsibility or liability for the safety of Government, Contractor, or subcontractor personnel or property.

(g) Nothing contained in this clause shall relieve the Contractor from complying with applicable Federal, State, and local laws, codes, ordinances, and regulations (including the obtaining of licenses and permits) in connection with hazardous material.

(h) The Government's rights in data furnished under this contract with respect to hazardous material are as follows:

(1) To use, duplicate and disclose any data to which this clause is applicable. The purposes of this right are to--

(i) Apprise personnel of the hazards to which they may be exposed in using, handling, packaging, transporting, or disposing of hazardous materials;

(ii) Obtain medical treatment for those affected by the material; and

(iii) Have others use, duplicate, and disclose the data for the Government for these purposes.

(2) To use, duplicate, and disclose data furnished under this clause, in accordance with subparagraph (h)(1) of this clause, in precedence over any other clause of this contract providing for rights in data.

(3) The Government is not precluded from using similar or identical data acquired from other sources.  
(End of clause)

I-78                      52.223-11                      OZONE-DEPLETING SUBSTANCES                      MAY/2001

(a) Definition. Ozone-depleting substance, as used in this clause, means any substance the Environmental Protection Agency designates in 40 CFR part 82 as--

(1) Class I, including, but not limited to, chlorofluorocarbons, halons, carbon tetrachloride, and methyl chloroform; or

(2) Class II, including but not limited to, hydrochlorofluorocarbons.

(b) The Contractor shall label products which contain or are manufactured with ozone-depleting substances in the manner and to the extent required by 42 U.S.C. 7671j(b), (c), and (d) and 40 CFR Part 82, Subpart E, as follows:

WARNING: Contains (or manufactured with, if applicable) \_\_\_\_\_ \* \_\_\_\_\_, a substance(s) which harm(s) public health and environment by destroying ozone in the upper atmosphere.

\*The Contractor shall insert the name of the substance(s).

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[End of Clause]

I-79 52.244-6 SUBCONTRACTS FOR COMMERCIAL ITEMS AND COMMERCIAL COMPONENTS APR/2003

(a) Definitions. As used in this clause--

(1) "Commercial item," as used in this clause, has the meaning contained in the clause at 52.202-1, Definitions.

(2) "Subcontract," as used in this clause, includes a transfer of commercial items between divisions, subsidiaries, or affiliates of the Contractor or subcontractor at any tier.

(b) To the maximum extent practicable, the Contractor shall incorporate, and require its subcontractors at all tiers to incorporate, commercial items or nondevelopmental items as components of items to be supplied under this contract.

(c)

(1) The contractor shall insert the following clauses in subcontracts for commercial items:

(i) 52.219-8, Utilization of Small Business Concerns (OCT 2000)(15U.S.C. 637(d)(2) and (3)), in all subcontracts that offer subcontracting opportunities. If the subcontract (except subcontracts to small business concerns) exceeds \$500,000 (\$1,000,000 for construction of any public facility), the subcontractor must include 52.219-8 in lower tier subcontracts that offer subcontracting opportunities.

(ii) 52.222-26, Equal Opportunity (APR 2002)(E.O. 11246);

(iii) 52.222-35, Equal Opportunity for Special Disabled Veterans, Veterans of the Vietnam Era, and Other Eligible Veterans (Dec 2001) (38 U.S.C. 4212(a));

(iv) 52.222-36, Affirmative Action for Workers with Disabilities (JUN 1998)(29 U.S.C. 793);

(v) 52.247-64, Preference for Privately Owned U.S.-Flag Commercial Vessels (APR 2003) (46 U.S.C. Appx 1241 and 10 U.S.C. 2631) (flow down required in accordance with paragraph (d) of FAR clause 52.247-64).

(2) While not required, the Contractor may flow down to subcontracts for commercial items a minimum number of additional clauses necessary to satisfy its contractual obligations.

(d) The Contractor shall include the terms of this clause, including this paragraph (d), in subcontracts awarded under this contract.

[End of Clause]

I-80 52.252-6 AUTHORIZED DEVIATIONS IN CLAUSES APR/1984

(a) The use in this solicitation or contract of any Federal Acquisition Regulation (48 CFR Chapter 1) clause with an authorized deviation is indicated by the addition of (DEVIATION) after the date of the clause.

(b) The use in this solicitation or contract of any DoD FAR Supplement (DFARS) (48 CFR 2) clause with an authorized deviation is indicated by the addition of (DEVIATION) after the name of the regulation.

[End of Clause]

I-81 252.204-7004 ALTERNATE A NOV/2003

As prescribed in 204.1104, substitute the following paragraph (a) for paragraph (a) of the clause at FAR 52.204-7:

(a) Definitions. As used in this clause--

"Central Contractor Registration (CCR) database" means the primary Government repository for contractor information required for the conduct of business with the Government."Commercial and Government Entity (CAGE) code" means--

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(1) A code assigned by the Defense Logistics Information Service (DLIS) to identify a commercial or Government entity; or

(2) A code assigned by a member of the North Atlantic Treaty Organization that DLIS records and maintains in the CAGE master file. This type of code is known as an "NCAGE code."

"Data Universal Numbering System (DUNS) number" means the 9-digit number assigned by Dun and Bradstreet, Inc. (D&B) to identify unique business entities.

"Data Universal Numbering System +4 (DUNS+4) number" means the DUNS number assigned by D&B plus a 4-character suffix that may be assigned by a business concern. (D&B has no affiliation with this 4-character suffix.) This 4-character suffix may be assigned at the discretion of the business concern to establish additional CCR records for identifying alternative Electronic Funds Transfer (EFT) accounts (see Subpart 32.11 of the Federal Acquisition Regulation) for the same parent concern.

"Registered in the CCR database" means that-

(1) The Contractor has entered all mandatory information, including the DUNS number or the DUNS+4 number, into the CCR database;

(2) The Contractor's CAGE code is in the CCR database; and

(3) The Government has validated all mandatory data fields and has marked the records "Active."

[End of Clause]

I-82 252.247-7023 TRANSPORTATION OF SUPPLIES BY SEA

MAY/2002

(a) Definitions. As used in this clause--

(1) Components means articles, materials, and supplies incorporated directly into end products at any level of manufacture, fabrication, or assembly by the Contractor or any subcontractor.

(2) Department of Defense (DoD) means the Army, Navy, Air Force, Marine Corps, and defense agencies.

(3) Foreign flag vessel means any vessel that is not a U.S.-flag vessel.

(4) Ocean transportation means any transportation aboard a ship, vessel, boat, barge, or ferry through international waters.

(5) Subcontractor means a supplier, materialman, distributor, or vendor at any level below the prime contractor whose contractual obligation to perform results from, or is conditioned upon, award of the prime contract and who is performing any part of the work or other requirement of the prime contract. However, effective May 1, 1996, the term does not include a supplier, materialman, distributor, or vendor of commercial items or commercial components.

(6) Supplies means all property, except land and interests in land, that is clearly identifiable for eventual use by or owned by the DoD at the time of transportation by sea.

(i) An item is clearly identifiable for eventual use by the DoD if, for example, the contract documentation contains a reference to a DoD contract number or a military destination.

(ii) Supplies includes (but is not limited to) public works; buildings and facilities; ships; floating equipment and vessels of every character, type, and description, with parts, subassemblies, accessories, and equipment; machine tools; material; equipment; stores of all kinds; end items; construction materials; and components of the foregoing.

(7) U.S.-flag vessel means a vessel of the United States or belonging to the United States, including any vessel registered or having national status under the laws of the United States.

(b)

(1) The Contractor shall use U.S.-flag vessels when transporting any supplies by sea under this contract.

(2) A subcontractor transporting supplies by sea under this contract shall use U.S.-flag vessels if-

(i) This contract is a construction contract; or

**Name of Offeror or Contractor:**

(ii) The supplies being transported are-

(A) Noncommercial items; or

(B) Commercial items that-

(1) The Contractor is reselling or distributing to the Government without adding value (generally, the Contractor does not add value to items that it subcontracts for f.o.b. destination shipment);

(2) Are shipped in direct support of U.S. military contingency operations, exercises, or forces deployed in humanitarian or peacekeeping operations; or

(3) Are commissary or exchange cargoes transported outside of the Defense Transportation System in accordance with 10 U.S.C. 2643.

(c) The Contractor and its subcontractors may request that the Contracting Officer authorize shipment in foreign-flag vessels, or designate available U.S.-flag vessels, if the Contractor or a subcontractor believes that--

(1) U.S.-flag vessels are not available for timely shipment;

(2) The freight charges are inordinately excessive or unreasonable; or

(3) Freight charges are higher than charges to private persons for transportation of like goods.

(d) The Contractor must submit any request for use of other than U.S.-flag vessels in writing to the Contracting Officer at least 45 days prior to the sailing date necessary to meet its delivery schedules. The Contracting Officer will process requests submitted after such date(s) as expeditiously as possible, but the Contracting Officer's failure to grant approvals to meet the shipper's sailing date will not of itself constitute a compensable delay under this or any other clause of this contract. Requests shall contain at a minimum--

(1) Type, weight, and cube of cargo;

(2) Required shipping date;

(3) Special handling and discharge requirements;

(4) Loading and discharge points;

(5) Name of shipper and consignee;

(6) Prime contract number; and

(7) A documented description of efforts made to secure U.S.-flag vessels, including points of contact (with names and telephone numbers) with at least two U.S.-flag carriers contacted. Copies of telephone notes, telegraphic and facsimile message or letters will be sufficient for this purpose.

(e) The Contractor shall, within 30 days after each shipment covered by this clause, provide the Contracting Officer and the Division of National Cargo, Office of Market Development, Maritime Administration, U.S. Department of Transportation, Washington, DC 20590, one copy of the rated on board vessel operating carrier's ocean bill of lading, which shall contain the following information--

(1) Prime contract number;

(2) Name of vessel;

(3) Vessel flag of registry;

(4) Date of loading;

(5) Port of loading;

(6) Port of final discharge;

(7) Description of commodity;

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**Name of Offeror or Contractor:**

(8) Gross weight in pounds and cubic feet if available;

(9) Total ocean freight in U.S. dollars; and

(10) Name of the steamship company.

(f) The Contractor shall provide with its final invoice under this contract a representation that to the best of its knowledge and belief--

(1) No ocean transportation was used in the performance of this contract;

(2) Ocean transportation was used and only U.S.-flag vessels were used for all ocean shipments under the contract;

(3) Ocean transportation was used, and the Contractor had the written consent of the Contracting Officer for all non-U.S.-flag ocean transportation; or

(4) Ocean transportation was used and some or all of the shipments were made on non-U.S.-flag vessels without the written consent of the Contracting Officer. The Contractor shall describe these shipments in the following format:

ITEM DESCRIPTION	CONTRACT LINE ITEMS	QUANTITY	TOTAL
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(g) If the final invoice does not include the required representation, the Government will reject and return it to the Contractor as an improper invoice for the purposes of the Prompt Payment clause of this contract. In the event there has been unauthorized use of non-U.S.-flag vessels in the performance of this contract, the Contracting Officer is entitled to equitably adjust the contract, based on the unauthorized use.

(h) In the award of subcontracts for the types of supplies described in paragraph (b)(2) of this clause, the Contractor shall flow down the requirements of this clause as follows:

(1) The Contractor shall insert the substance of this clause, including this paragraph (h) in all subcontracts that exceed the simplified acquisition threshold in Part 2 of the Federal Acquisition Regulation.

(2) The Contractor shall insert the substance of paragraphs (a) through (e) of this clause, and this paragraph (h), in subcontracts that are at or below the simplified acquisition threshold in Part 2 of the Federal Acquisition Regulation.

[End of Clause]

I-83	52.204-4009	MANDATORY USE OF CONTRACTOR TO GOVERNMENT ELECTRONIC COMMUNICATION (TACOM)	JUN/1999
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(a) All references in the contract to the submission of written documentation shall mean electronic submission. All electronic submissions shall be in the formats and media described in the "Electronic Quotations/Offers/Bids Required in Response to this Request for Quotations/Proposals/Bids" clause elsewhere in this document. (See Section K for commercial acquisitions, Section L for RFPs, and Section I for RFQs.)

(b) This shall include all written unclassified communications between the Government and the Contractor except contract awards and contract modifications which shall be posted on the internet. Return receipt shall be used if a commercial application is available. Classified information shall be handled in full accordance with the appropriate security requirements.

(c) In order to be contractually binding, all Government communications requiring a Contracting Officer signature must be sent from the Contracting Officer's e-mail address. The Contractor shall designate the personnel with signature authority who can contractually bind the contractor. All binding contractor communication shall be sent from this contractor e-mail address(es).

(d) Upon award, the Contractor shall provide the Contracting Officer with a list of e-mail addresses for all administrative and technical personnel assigned to this contract.

(e) Unless exempted by the Procuring Contracting Officer in writing, all unclassified written communication after contract award shall be transmitted electronically.

[End of Clause]

I-84	52.247-4010	TRANSPORTATION DATA FOR FOB ORIGIN OFFERS	FEB/1994
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**MOD/AMD**

**Name of Offeror or Contractor:**

(TACOM)

(a) Provide the following information for us to use in selecting the most favorable mode of shipment. We'll also use this information in our evaluation of transportation costs.

Offeror represents that:

(1) Facilities for shipping by rail

- are
- are not

available at the F.O.B. point(s) stated in this solicitation.

(2) If rail facilities are not available at the F.O.B. point(s), the name and location of the nearest team track is:

\_\_\_\_\_

(NAME) (LOCATION)

(3) Facilities for shipping by water

- are
- are not

available at the F.O.B. point(s) stated in this solicitation.

(4) Facilities for shipping by motor

- are
- are not

available at the F.O.B. point(s) stated in this solicitation.

(5) If there is a Contractor Reimbursable Loading Charge and you didn't include it in the offered unit price in Section B, please indicate it below, per unit:

RAIL: \_\_\_\_\_/Unit      MOTOR: \_\_\_\_\_/Unit      WATER: \_\_\_\_\_ /Unit

CAUTION: GIVE THE COST OF REIMBURSABLE LOADING CHARGE (NOT ALREADY IN THE OFFERED UNIT PRICE) ON A PER UNIT BASIS. THE UNIT OF MEASURE IS AS INDICATED ON THE SCHEDULE PAGE, SECTION B, UNDER THE UNIT COLUMN.

(b) We will consider any charge listed above in the overall transportation evaluation of this solicitation. Unless you fill-in the above information for loading charges, we will consider all costs associated with loading to be included in the item price offered in Section B. These costs include: (i) loading, (ii) blocking, (iii) bracing, (iv) drayage, (v) switching, or (vi) any other service necessary to effect delivery F.O.B. carrier's equipment you've indicated as available and we specify at time of shipment.

(c) If rail facilities aren't available at the designated F.O.B. point(s), rail won't be used unless directed by the Administrative Contracting Officer (ACO). If the ACO tells you rail facilities will be used, we'll adjust the contract price by adding the loading charge filled in above for transportation to the nearest rail facility.

(d) IF YOU DO NOT FILL IN AN ADDITIONAL CHARGE FOR RAIL SHIPMENT ABOVE, YOU AGREE THAT THE CONTRACT PRICE ALREADY INCLUDES ALL CHARGES FOR SUCH SHIPMENTS. THEREFORE, SHIPMENT BY RAIL WILL NOT COST US ANY MORE.

[End of Provision]

I-85      52.247-4011      FOB POINT

SEP/1978

Delivery on F.O.B. origin offers will be F.O.B. Carrier's equipment, wharf, or freight station, at the Government's option, at or near:

(1) Contractor's Plant: \_\_\_\_\_  
(City) (State) (ZIP) (County)

(2) Subcontractor's Plant: \_\_\_\_\_

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**Name of Offeror or Contractor:**

(City)

(State)

(ZIP)

(County)

[End of Provision]

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**Name of Offeror or Contractor:**

SECTION J - LIST OF ATTACHMENTS

<u>List of</u> <u>Addenda</u>	<u>Title</u>	<u>Date</u>	<u>Number</u> <u>of Pages</u>	<u>Transmitted By</u>
Exhibit A	CONTRACT DATA REQUIREMENTS LIST (CDRLS)	06-MAR-2004	009	
Attachment 001	TFFT PURCHASE DESCRIPTION, REV 5	29-MAR-2004	035	
Attachment 002	LIST OF DESTINATIONS	06-APR-2004	001	

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**Name of Offeror or Contractor:**

## SECTION K - REPRESENTATIONS, CERTIFICATIONS, AND OTHER STATEMENTS OF OFFERORS

	<u>Regulatory Cite</u>	<u>Title</u>	<u>Date</u>
K-1	52.222-38	COMPLIANCE WITH VETERANS' EMPLOYMENT REPORTING REQUIREMENTS	DEC/2001
K-2	252.209-7001	DISCLOSURE OF OWNERSHIP OR CONTROL BY THE GOVERNMENT OF A TERRORIST COUNTRY per DoD interim rule, Federal Register 27 Mar 98	MAR/1998
K-3 (a)	52.219-1	SMALL BUSINESS PROGRAM REPRESENTATIONS (Alternate I dated APR 2002)	APR/2002

(1) The North American Industry Classification System (NAICS) code for this acquisition is 336111.

(2) The small business size standard is 1,000.

(3) The small business size standard for a concern which submits an offer in its own name, other than on a construction or service contract, but which proposes to furnish a product which it did not itself manufacture, is 500 employees.

(b) Representations.

(1) The offeror represents as part of its offer that it [ ] is, [ ] is not, a small business concern.

(2) [Complete only if the offeror represented itself as a small business concern in paragraph (b)(1) of this provision.] The offeror represents, for general statistical purposes, that it [ ] is, [ ] is not, a small disadvantaged business concern as defined in 13 CFR 124.1002.

(3) [Complete only if the offeror represented itself as a small business concern in paragraph (b)(1) of this provision.] The offeror represents as part of its offer that it [ ] is, [ ] is not, a woman-owned small business concern.

(4) [Complete only if the offeror represented itself as a small business concern in paragraph (b)(1) of this provision.] The offeror represents as part of its offer that it [ ] is, [ ] is not, a veteran-owned small business concern.

(5) [Complete only if the offeror represented itself as a veteran-owned small business concern in paragraph (b)(4) of this provision.] The offeror represents as part of its offer that it [ ] is, [ ] is not, a service-disabled veteran-owned small business concern.

(6) [Complete only if the offeror represented itself as a small business concern in paragraph (b)(1) of this provision.] The offeror represents, as part of its offer, that -

(i) It [ ] is, [ ] is not, a HUBZone small business concern listed, on the date of this representation, on the List of Qualified HUBZone Small Business Concerns maintained by the Small Business Administration, and no material change in ownership and control, principal office, or HUBZone employee percentage has occurred since it was certified by the Small Business Administration in accordance with 13 CFR part 126; and

(ii) It [ ] is, [ ] is not, a joint venture that complies with the requirements of 13 CFR part 126, and the representation in paragraph (b)(6)(i) of this provision is accurate of the HUBZone small business concern or concerns that are participating in the joint venture. [The offeror shall enter the name or names of the HUBZone small business concern or concerns that are participating in the joint venture]: \_\_\_\_\_

Each HUBZone small business concern participating in the joint venture shall submit a separate signed copy of the HUBZone representation.

(7) [Complete if offeror represented itself as disadvantaged in paragraph (b)(2) of this provision.] The offeror shall check the category in which its ownership falls:

[ ] Black American.

[ ] Hispanic American.

[ ] Native American (American Indians, Eskimos, Aleuts, or Native Hawaiians).

[ ] Asian-Pacific American (persons with origins from Burma, Thailand, Malaysia, Indonesia, Singapore, Brunei, Japan, China, Taiwan, Laos, Cambodia (Kampuchea), Vietnam, Korea, The Philippines, U.S. Trust Territory of the Pacific Islands (Republic of Palau), Republic of the Marshall Islands, Federated States of Micronesia, the Commonwealth of the Northern Mariana Islands, Guam, Samoa, Macao, Hong Kong, Fiji, Tonga, Kiribati, Tuvalu, or Nauru).

[ ] Subcontinent Asian (Asian-Indian) American (persons with origins from India, Pakistan, Bangladesh, Sri Lanka, Bhutan, the Maldives Islands, or Nepal).

[ ] Individual/concern, other than one of the preceding.

**Name of Offeror or Contractor:**

(c) Definitions. As used in this provision--

"Service-disabled veteran-owned small business concern"--

(1) Means a small business concern-

(i) Not less than 51 percent of which is owned by one or more service-disabled veterans or, in the case of any publicly owned business, not less than 51 percent of the stock of which is owned by one or more service-disabled veterans; and

(ii) The management and daily business operations of which are controlled by one or more service-disabled veterans or, in the case of a veteran with permanent and severe disability, the spouse or permanent caregiver of such veteran.

(2) Service-disabled veteran means a veteran, as defined in 38 U.S.C. 101(2), with a disability that is service-connected, as defined in 38 U.S.C. 101(16).

"Small business concern," means a concern, including its affiliates, that is independently owned and operated, not dominant in the field of operation in which it is bidding on Government contracts, and qualified as a small business under the criteria in 13 CFR Part 121 and the size standard in paragraph (a) of this provision.

"Veteran-owned small business concern" means a small business concern-

(1) Not less than 51 percent of which is owned by one or more veterans (as defined at 38 U.S.C. 101(2)) or, in the case of any publicly owned business, not less than 51 percent of the stock of which is owned by one or more veterans; and

(2) The management and daily business operations of which are controlled by one or more veterans.

"Women-owned small business concern," means a small business concern --

(1) That is at least 51 percent owned by one or more women; or, in the case of any publicly owned business, at least 51 percent of the stock of which is owned by one or more women; and

(2) Whose management and daily business operations are controlled by one or more women.

(d) Notice.

(1) If this solicitation is for supplies and has been set aside, in whole or in part, for small business concerns, then the clause in this solicitation providing notice of the set-aside contains restrictions on the source of the end items to be furnished.

(2) Under 15 U.S.C. 645(d), any person who misrepresents a firm's status as a small, HUBZone small, small disadvantaged, or women-owned small business concern in order to obtain a contract to be awarded under the preference programs established pursuant to section 8(a), 8(d), 9, or 15 of the Small Business Act or any other provision of Federal law that specifically references section 8(d) for a definition of program eligibility, shall --

(i) Be punished by imposition of fine, imprisonment, or both;

(ii) Be subject to administrative remedies, including suspension and debarment; and

(iii) Be ineligible for participation in programs conducted under the authority of the Act.

[End of Provision]

K-4

52.203-2

CERTIFICATE OF INDEPENDENT PRICE DETERMINATION

APR/1985

(a) The offeror certifies that--

(1) The prices in this offer have been arrived at independently, without, for the purpose of restricting competition, any consultation, communication, or agreement with any other offeror or competitor relating to (i) those prices, (ii) the intention to submit an offer, or (iii) the methods or factors used to calculate the prices offered;

(2) The prices in this offer have not been and will not be knowingly disclosed by the offeror, directly or indirectly, to any other offeror or competitor before bid opening (in the case of a sealed bid solicitation) or contract award (in the case of a negotiated solicitation) unless otherwise required by law; and

**Name of Offeror or Contractor:**

(3) No attempt has been made or will be made by the offeror to induce any other concern to submit or not to submit an offer for the purpose of restricting competition.

(b) Each signature on the offer is considered to be a certification by the signatory that the signatory--

(1) Is the person in the offeror's organization responsible for determining the prices being offered in this bid or proposal, and that the signatory has not participated and will not participate in any action contrary to subparagraphs (a)(1) through (a)(3) above; or

(2)(i) Has been authorized, in writing, to act as agent for the following principals in certifying that those principals have not participated, and will not participate, in any action contrary to subparagraphs (a)(1) through (a)(3) above (INSERT FULL NAME OF PERSON(S) IN THE OFFEROR'S ORGANIZATION RESPONSIBLE FOR DETERMINING THE PRICES OFFERED IN THIS BID OR PROPOSAL, AND THE TITLE OF HIS OR HER POSITION IN THE OFFEROR'S ORGANIZATION);

(ii) As an authorized agent, does certify that the principals named in subdivision (b)(2)(i) above have not participated, and will not participate, in any action contrary to subparagraphs (a)(1) through (a)(3) above; and

(iii) As an agent, has not personally participated, and will not participate, in any action contrary to subparagraphs (a)(1) through (a)(3) above.

(c) If the offeror deletes or modifies subparagraph (a)(2) above, the offeror must furnish with its offer a signed statement setting forth in detail the circumstances of the disclosure.

[End of Provision]

K-5            52.203-11            CERTIFICATION AND DISCLOSURE REGARDING PAYMENTS TO INFLUENCE CERTAIN            APR/1991  
FEDERAL TRANSACTIONS

(a) The definitions and prohibitions contained in the clause, at FAR 52.203-12, Limitation on Payments to Influence Certain Federal Transactions, included in this solicitation, are hereby incorporated by reference in paragraph (b) of this certification.

(b) The offeror, by signing its offer, hereby certifies to the best of his or her knowledge and belief that on or after December 23, 1989 that:

(1) No Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of an agency, a Member of Congress an officer or employee of Congress, or an employee of a Member of Congress on his or her behalf in connection with the awarding of any Federal contract, the making of any Federal grant, the making of any Federal loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment or modification of any Federal contract, grant, loan or cooperative agreement:

(2) If any funds other than Federal appropriated funds (including profit or fee received under a covered Federal transaction) have been paid, or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress on his or her behalf in connection with this solicitation, the offeror shall complete and submit, with its offer, OMB standard form LLL, Disclosure of Lobbying Activities, to the Contracting Officer: and

(3) He or she will include the language of this certification in all subcontract awards at any tier and require that all recipients of subcontract awards in excess of \$100,000 shall certify and disclose accordingly.

(c) Submission of this certification and disclosure is a prerequisite for making or entering into this contract imposed by section 1352, title 31, United States Code. Any person who makes an expenditure prohibited under this provision or who fails to file or amend the disclosure form to be filed or amended by this provision, shall be subject to a civil penalty of not less than \$10,000, and not more than \$100,000, for each such failure.

[End of Provision]

K-6            52.204-3            TAXPAYER IDENTIFICATION            OCT/1998

(a) Definitions.

(1) Common parent, as used in this provision, means that corporate entity that owns or controls an affiliated group of corporations that files its Federal income tax returns on a consolidated basis, and of which the offeror is a member.

Name of Offeror or Contractor:

(2) Taxpayer Identification Number (TIN), as used in this provision, means the number required by the Internal Revenue Service (IRS) to be used by the offeror in reporting income tax and other returns. The TIN may be either a Social Security Number or an Employer Identification Number.

(b) All offerors must submit the information required in paragraphs (d) through (f) of this provision to comply with debt collection requirements of 31 U.S.C. 7701(c) and 3325(d), reporting requirements of 26 U.S.C. 6041, 6041A, and 6050M, and implementing regulations issued by the IRS. If the resulting contract is subject to the payment reporting requirements described in Federal Acquisition Regulation (FAR) 4.904, the failure or refusal by the offeror to furnish the information may result in a 31 percent reduction of payments otherwise due under the contract.

(c) The TIN may be used by the Government to collect and report on any delinquent amounts arising out of the offeror's relationship with the Government (31 U.S.C. 7701(c)(3)). If the resulting contract is subject to the payment reporting requirements described in FAR 4.904, the TIN provided hereunder may be matched with IRS records to verify the accuracy of the offeror's TIN.

(d) Taxpayer Identification Number (TIN).

[ ] TIN: \_\_\_\_\_

[ ] TIN has been applied for.

[ ] TIN is not required because:

[ ] Offeror is a nonresident alien, foreign corporation, or foreign partnership that does not have income effectively connected with the conduct of a trade or business in the United States and does not have an office or place of business or a fiscal paying agent in the United States;

[ ] Offeror is an agency or instrumentality of a foreign government;

[ ] Offeror is an agency or instrumentality of the Federal Government.

(e) Type of organization.

[ ] Sole proprietorship;

[ ] Partnership;

[ ] Corporate entity (not tax-exempt);

[ ] Corporate entity (tax-exempt);

[ ] Government entity (Federal, State, or local);

[ ] Foreign government;

[ ] International organization per 26 CFR 1.6049-4;

[ ] Other:

(f) Common parent.

[ ] Offeror is not owned or controlled by a common parent as defined in paragraph (a) of this provision.

[ ] Name and TIN of common parent:

Name: \_\_\_\_\_

TIN: \_\_\_\_\_

[End of Provision]

(a) Definition. Women-owned business concern, as used in this provision, means a concern that is at least 51 percent owned by one or more women; or in the case of any publicly owned business, at least 51 percent of its stock is owned by one or more women; and whose management and daily business operations are controlled by one or more women.

**CONTINUATION SHEET**

**Reference No. of Document Being Continued**

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**MOD/AMD**

**Name of Offeror or Contractor:**

(b) Representation. Complete only if the offeror is a women-owned business concern and has not represented itself as a small business concern in paragraph (b)(1) of FAR 52.219-1, Small Business Program Representation, of this solicitation. The offeror represents that it [ ] is a women-owned business concern.

[End of Provision]

K-8            52.204-6            DATA UNIVERSAL NUMBERING SYSTEM (DUNS) NUMBER            OCT/2003

(a) The offeror shall enter, in the block with its name and address on the cover page of its offer, the annotation "DUNS" or "DUNS+4" followed by the DUNS number or "DUNS+4" that identifies the offeror's name and address exactly as stated in the offer. The DUNS number is a nine-digit number assigned by Dun and Bradstreet, Inc. The DUNS+4 is the DUNS number plus a 4-character suffix that may be assigned at the discretion of the offeror to establish additional CCR records for identifying alternative Electronic Funds Transfer (EFT) accounts (see Subpart 32.11) for the same parent concern.

(b) If the offeror does not have a DUNS number, it should contact Dun and Bradstreet directly to obtain one.

(1) An offeror may obtain a DUNS number--

(i) If located within the United States, by calling Dun and Bradstreet at 1-866-705-5711 or via the Internet at <http://www.dnb.com>; or

(ii) If located outside the United States, by contacting the local Dun and Bradstreet office.

(2) The offeror should be prepared to provide the following information:

- (i) Company legal business name.
- (ii) Tradestyle, doing business, or other name by which your entity is commonly recognized.
- (iii) Company physical street address, city, state and Zip Code.
- (iv) Company mailing address, city, state and Zip Code (if separate from physical).
- (v) Company telephone number.
- (vi) Date the company was started.
- (vii) Number of employees at your location.
- (viii) Chief executive officer/key manager.
- (ix) Line of business (industry).
- (x) Company Headquarters name and address (reporting relationship within your entity).

[End of Provision]

K-9            52.207-4            ECONOMIC PURCHASE QUANTITY -- SUPPLIES            AUG/1987

(a) Offerors are invited to state an opinion on whether the quantity(ies) of supplies on which bids, proposals, or quotations are requested in this solicitation is (are) economically advantageous to the Government.

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(b) Each offeror who believes that acquisitions in different quantities would be more advantageous is invited to recommend an economic purchase quantity. If different quantities are recommended, a total and a unit price must be quoted for applicable items. An economic purchase quantity is that quantity at which a significant price break occurs. If there are significant price breaks at different quantity points, this information is desired as well.

**OFFEROR RECOMMENDATIONS**

<u>ITEM</u>	<u>QUANTITY</u>	<u>PRICE QUOTATION</u>	<u>TOTAL</u>
_____	_____	_____	_____
_____	_____	_____	_____

(c) The information requested in this provision is being solicited to avoid acquisitions in disadvantageous quantities and to

**Name of Offeror or Contractor:**

assist the Government in developing a data base for future acquisitions of these items. However, the Government reserves the right to amend or cancel the solicitation and resolicit with respect to any individual item in the event quotations received and the Government's requirements indicate that different quantities should be acquired.

[End of Provision]

K-10 52.209-5 CERTIFICATION REGARDING DEBARMENT, SUSPENSION, PROPOSED DEBARMENT, AND OTHER RESPONSIBILITY MATTERS DEC/2001

(a)

(1) The Offeror certifies, to the best of its knowledge and belief, that--

(i) The Offeror and/or any of its Principals--

(A) [ ] are  
[ ] are not

presently debarred, suspended, proposed for debarment, or declared ineligible for the award of contracts by any Federal agency;

(B) [ ] have  
[ ] have not

within a three-year period preceding this offer, been convicted of or had a civil judgment rendered against them for: commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a public (Federal, state, or local) contract or subcontract; violation of Federal or state antitrust statutes relating to the submission of offers; or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, tax evasion, or receiving stolen property; and

(C) [ ] are  
[ ] are not

presently indicted for, or otherwise criminally or civilly charged by a governmental entity with, commission of any of the offenses enumerated in paragraph (a)(1)(i)(B) of this provision.

(ii) The Offeror

[ ] has  
[ ] has not

within a three-year period preceding this offer, had one or more contracts terminated for default by any Federal agency.

(2) "Principals," for the purposes of this certification, means officers; directors; owners; partners; and, persons having primary management or supervisory responsibilities within a business entity (e.g., general manager; plant manager; head of a subsidiary, division, or business segment, and similar positions). This Certification Concerns a Matter Within the Jurisdiction of an Agency of the United States and the Making of a False, Fictitious, or Fraudulent Certification May Render the Maker Subject to Prosecution Under Section 1001, Title 18, United States Code.

(b) The Offeror shall provide immediate written notice to the Contracting Officer if, at any time prior to contract award, the Offeror learns that its certification was erroneous when submitted or has become erroneous by reason of changed circumstances.

(c) A certification that any of the items in paragraph (a) of this provision exists will not necessarily result in withholding of an award under this solicitation. However, the certification will be considered in connection with a determination of the Offeror's responsibility. Failure of the Offeror to furnish a certification or provide such additional information as requested by the Contracting Officer may render the Offeror nonresponsible.

(d) Nothing contained in the foregoing shall be construed to require establishment of a system of records in order to render, in good faith, the certification required by paragraph (a) of this provision. The knowledge and information of an Offeror is not required to exceed that which is normally possessed by a prudent person in the ordinary course of business dealings.

(e) The certification in paragraph (a) of this provision is a material representation of fact upon which reliance was placed when making award. If it is later determined that the Offeror knowingly rendered an erroneous certification, in addition to other remedies

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available to the Government, the Contracting Officer may terminate the contract resulting from this solicitation for default.

[End of Provision]

K-11      52.215-6      PLACE OF PERFORMANCE      OCT/1997

- (a) The offeror or respondent, in the performance of any contract resulting from this solicitation,  
       [ ] intends  
       [ ] does not intend

(Check applicable block)

to use one or more plants or facilities located at a different address from the address of the offeror or respondent as indicated in this proposal or response to request for information.

(b) If the offeror or respondent checks intends in paragraph (a) of this provision, it shall insert in following spaces the required information:

Place of Performance (Street  
 Address, City, County, State,  
 ZIP code)

Name and Address of Owner and  
 Operator of the Plant or Facility if  
 Other than Offeror or Respondent.


[End of Provision]

K-12      52.222-22      PREVIOUS CONTRACTS AND COMPLIANCE REPORTS      FEB/1999

The offeror represents that--

- (a) It [ ] has  
       [ ] has not

participated in a previous contract or subcontract subject either to the EQUAL OPPORTUNITY clause of this solicitation, the clause originally contained in Section 310 of Executive Order No. 10925, or the clause contained in Section 201 of Executive Order No. 11114:

- (b) It [ ] has  
       [ ] has not

filed all required compliance reports; and

(c) Representations indicating submission of required compliance reports, signed by proposed subcontractors, will be obtained before subcontract awards.

[End of Provision]

K-13      52.222-25      AFFIRMATIVE ACTION COMPLIANCE      APR/1984

The offeror represents that

- (a) It [ ] has developed and has on file,  
       [ ] has not developed and does not have on file,

at each establishment, affirmative action programs required by the rules and regulations of the Secretary of Labor (41

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CFR 60-1 and 60-2), or

(b) It  has not previously had contracts subject to the written affirmative action programs requirement of the rules and regulations of the Secretary of Labor.

[End of Provision]

K-14            52.227-6            ROYALTY INFORMATION            APR/1984

(a) Cost or charges for royalties When the response to this solicitation contains costs or charges for royalties totaling more than \$250, the following information shall be included in the response relating to each separate item of royalty or license fee:

- (1) Name and address of licensor;
- (2) Date of license agreement;
- (3) Patent numbers, patent application serial numbers, or other basis on which the royalty is payable;
- (4) Brief description, including any part or model numbers, of each contract item or component on which the royalty is payable;
- (5) Percentage or dollar rate of royalty per unit;
- (6) Unit price of contract item;
- (7) Number of units; and
- (8) Total dollar amount of royalties.

(b) Copies of current licenses In addition, if specifically requested by the Contracting Officer before execution of the contract, the offeror shall furnish a copy of the current license agreement and an identification of applicable claims of specific patents.

[End of Provision]

K-15            52.230-1            COST ACCOUNTING STANDARDS NOTICES AND CERTIFICATION            JUN/2000

Note: This notice does not apply to small businesses or foreign governments. This notice is in three parts, identified by Roman numerals I through III. Offerors shall examine each part and provide the requested information in order to determine Cost Accounting Standards (CAS) requirements applicable to any resultant contract. If the offeror is an educational institution, Part II does not apply unless the contemplated contract will be subject to full or modified CAS coverage pursuant to 48 CFR 9903.201-2(c)(5) or 9903.201-2(c)(6), respectively.

I. Disclosure Statement -- Cost Accounting Practices and Certification

(a) Any contract in excess of \$500,000 resulting from this solicitation will be subject to the requirements of the Cost Accounting Standards Board (48 CFR Chapter 99), except for those contracts which are exempt as specified in 48 CFR 9903.201-1.

(b) Any offeror submitting a proposal which, if accepted, will result in a contract subject to the requirements of 48 CFR Chapter 99 must, as a condition of contracting, submit a Disclosure Statement as required by 48 CFR 9903.202. When required, the Disclosure Statement must be submitted as a part of the offeror's proposal under this solicitation unless the offeror has already submitted a Disclosure Statement disclosing the practices used in connection with the pricing of this proposal. If an applicable Disclosure Statement has already been submitted, the offeror may satisfy the requirement for submission by providing the information requested in paragraph (c) of Part I of this provision.

Caution: In the absence of specific regulations or agreement, a practice disclosed in a Disclosure Statement shall not, by virtue of such disclosure, be deemed to be a proper, approved, or agreed-to practice for pricing proposals or accumulating and reporting contract performance cost data.

(c) Check the appropriate box below:

(1) Certificate of Concurrent Submission of Disclosure Statement. The offeror hereby certifies that, as a part of the offer, copies of the Disclosure Statement have been submitted as follows:

(i) Original and one copy to the cognizant Administrative Contracting Officer (ACO) or cognizant Federal agency official authorized to act in that capacity (Federal official), as applicable; and

(ii) One copy to the cognizant Federal auditor.

(Disclosure must be on Form No. CASB DS-1 or CASB DS-2, as applicable. Forms may be obtained from the cognizant ACO or Federal official and/or from the loose-leaf version of the Federal

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Acquisition Regulation.)

Date of Disclosure Statement: \_\_\_\_\_

Name and Address of Cognizant ACO or Federal Official Where Filed: \_\_\_\_\_

The offeror further certifies that the practices used in estimating costs in pricing this proposal are consistent with the cost accounting practices disclosed in the Disclosure Statement.

- [ ] (2) Certificate of Previously Submitted Disclosure Statement. The offeror hereby certifies that the required Disclosure Statement was filed as follows:

Date of Disclosure Statement: \_\_\_\_\_

Name and Address of Cognizant ACO or Federal Official Where Filed: \_\_\_\_\_

The offeror further certifies that the practices used in estimating costs in pricing this proposal are consistent with the cost accounting practices disclosed in the applicable Disclosure Statement.

- [ ] (3) Certificate of Monetary Exemption. The offeror hereby certifies that the offeror, together with all divisions, subsidiaries, and affiliates under common control, did not receive net awards of negotiated prime contracts and subcontracts subject to CAS totaling \$50 million or more in the cost accounting period immediately preceding the period in which this proposal was submitted. The offeror further certifies that if such status changes before an award resulting from this proposal, the offeror will advise the Contracting Officer immediately.

- [ ] (4) Certificate of Interim Exemption. The offeror hereby certifies that

- (i) the offeror first exceeded the monetary exemption for disclosure, as defined in (3) of this subsection, in the cost accounting period immediately preceding the period in which this offer was submitted and

- (ii) in accordance with 48 CFR 9903.202-1, the offeror is not yet required to submit a Disclosure Statement. The offeror further certifies that if an award resulting from this proposal has not been made within 90 days after the end of that period, the offeror will immediately submit a revised certificate to the Contracting Officer, in the form specified under subparagraph (c)(1) or (c)(2) of Part I of this provision, as appropriate, to verify submission of a completed Disclosure Statement.

Caution: Offerors currently required to disclose because they were awarded a CAS-covered prime contract or subcontract of \$50 million or more in the current cost accounting period may not claim this exemption (4). Further, the exemption applies only in connection with proposals submitted before expiration of the 90-day period following the cost accounting period in which the monetary exemption was exceeded.

**II. Cost Accounting Standards -- Eligibility for Modified Contract Coverage**

If the offeror is eligible to use the modified provisions of 48 CFR 9903.201-2(b) and elects to do so, the offeror shall indicate by checking the box below. Checking the box below shall mean that the resultant contract is subject to the Disclosure and Consistency of Cost Accounting Practices clause in lieu of the Cost Accounting Standards clause.

[ ] The offeror hereby claims an exemption from the Cost Accounting Standards clause under the provisions of 48 CFR 9903.201-2(b) and certifies that the offeror is eligible for use of the Disclosure and Consistency of Cost Accounting Practices clause because during the cost accounting period immediately preceding the period in which this proposal was submitted, the offeror received less than \$50 million in awards of CAS-covered prime contracts and subcontracts. The offeror further certifies that if such status changes before an award resulting from this proposal, the offeror will advise the Contracting Officer immediately.

Caution: An offeror may not claim the above eligibility for modified contract coverage if this proposal is expected to result in the award of a CAS-covered contract of \$50 million or more or if, during its current cost accounting period, the offeror has been awarded a single CAS-covered prime contract or subcontract of \$50 million or more.

**III. Additional Cost Accounting Standards Applicable to Existing Contracts**

The offeror shall indicate below whether award of the contemplated contract would, in accordance with subparagraph (a)(3) of the Cost Accounting Standards clause, require a change in established cost accounting practices affecting existing contracts and subcontracts.



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(1) For all line items subject to the Buy American Act and Balance of Payments Program clause of this solicitation, the offeror certifies that-

(i) Each end product, except those listed in paragraphs (c)(2) or (3) of this provision, is a domestic end product; and

(ii) Components of unknown origin are considered to have been mined, produced, or manufactured outside the United States or a qualifying country.

(2) The offeror certifies that the following end products are qualifying country end products:

Line Item Number	Country of Origin
_____	_____
_____	_____

(3) The following end products are other foreign end products:

Line Item Number	Country of Origin (If known)
_____	_____
_____	_____

[End of Provision]

K-18            252.247-7022            REPRESENTATION OF EXTENT OF TRANSPORTATION BY SEA            AUG/1992

(a) The Offeror shall indicate by checking the appropriate blank in paragraph (b) of this provision whether transportation of supplies by sea is anticipated under the resultant contract. The term supplies is defined in the Transportation of Supplies by Sea clause of this solicitation.

(b) Representation. The Offeror represents that it--

[ ] Does anticipate that supplies will be transported by sea in the performance of any contract or subcontract resulting from this solicitation.

[ ] Does not anticipate that supplies will be transported by sea in the performance of any contract or subcontract resulting from this solicitation.

(c) Any contract resulting from this solicitation will include the Transportation of Supplies by Sea clause. If the Offeror represents that it will not use ocean transportation, the resulting contract will also include the Defense FAR Supplement clause at 252.247-7024, Notification of Transportation of Supplies by Sea.

[End of Provision]

K-19            52.204-4007            OFFEROR'S DATAFAX NUMBER, E-MAIL ADDRESS, AND CAGE CODE            MAR/2001  
(TACOM)

(a) If you have a data fax number, please provide it below.

\_\_\_\_\_

(b) If you have a company Internet address that we can use in the future when sending out electronic notices and possibly solicitations, please provide the complete e-mail address below.

\_\_\_\_\_

(c) Provide your CAGE (Contractor And Government Entity) code below. If you don't have a CAGE code for your specific company name and address, enter NONE in the space below, and apply to Central Contractor Registration at the following website:  
<http://www.ccr2000.com/>

Name of Offeror or Contractor:

[End of Provision]

K-20 52.215-4010 AUTHORIZED NEGOTIATORS (TACOM)

JAN/1998

Please identify, below, the representatives that are authorized to negotiate on your organization's behalf with the Government in connection with this request for proposals or request for information:

PERSONS AUTHORIZED TO NEGOTIATE

Table with 3 columns: NAME, TITLE, TELEPHONE NUMBER. Includes horizontal lines for data entry.

[End of Provision]

K-21 52.223-4002 USE OF CLASS I OZONE-DEPLETING SUBSTANCES (CIODS) (TACOM)

DEC/1993

(a) Definitions.

(1) Class I Ozone-Depleting Substances (CIODS) refers to the class of substances identified in Section 602(a) of the Clean Air Act, (42 U.S.C. 7671a(a)), as reproduced below:

- List of substances: (i) chlorofluorocarbon-11 (CFC-11) through (xxiii) All isomers of the substances listed in this paragraph (a)(1) except for 1,1,2-trichloroethane, which is an isomer of methyl chloroform.

(2) Directly requires the use of CIODS means that the Government's specification or technical data package, at any tier, explicitly requires the use of any Class I Ozone-Depleting Substance (CIODS) in performance of the contract.

(3) Indirectly requires the use of CIODS means that the Government's specification or technical data package, while not explicitly requiring the use of any CIODS, does require a feature that you can meet or produce only by the use of CIODS.

(b) Per Section 326 of Public Law 102-484, the Department of Defense cannot award any contract that directly or indirectly

Name of Offeror or Contractor:

requires the use of CIODS unless (i) the use of such substances is essential for contract performance, and (ii) no suitable substitute for the CIODS currently is available.

(c) Before releasing this solicitation, we conducted a best effort review of its technical requirements, standards, and specifications, to see if any contain requirements for CIODS. If we identified any such CIODS requirements, they are identified in subparagraph (d)(1) below.

(1) In addition, to help TACOM meet its obligations under Public Law 102-484, we ask you for input. If you have any special knowledge about any CIODS requirements that our specifications impose, whether directly or indirectly, or if you know about potential substitutes for any CIODS required by our specifications, we would appreciate the information.

(2) It should be understood that you are not obligated to give us the information requested by this provision, and that we cannot provide any separate or special payment for doing so. However, we are asking only for information based on knowledge that is readily available to you as a supplier in this industry. We do not expect you to do any review of our specifications more extensive than the one you perform in order to develop your price.

(d) Please summarize your own review of our specification/technical data package, by completing the following:

(1) During our review of the specification or technical data package in this solicitation, we--

- [ ] have
[ ] have not

found any direct requirements to use any CIODS. (If have is checked above, offerors are asked to identify, on the following lines, (i) any specifications and standards not already listed immediately below that directly require the use of CIODS; (ii) the CIODS required by the listed specifications and standards; and (iii) whether any substitutes are known to be available for the listed CIODS.)

Table with 3 columns: Spec/Standard, Required CIODS, Substitute Available? with blank rows for input.

(2) Further, in our review of the specification or technical data package in this solicitation, we--

- [ ] have
[ ] have not

found any indirect requirements to use any CIODS. (Offerors who check have above are asked to identify, on the following lines, (i) the specifications and standards for this acquisition that indirectly require the use of CIODS; (ii) the CIODS indirectly required by each listed specification and standard; and (iii) whether any substitutes are known to be available for the listed CIODS.)

Table with 3 columns: Spec/Standard, Required CIODS, Substitute Available? with blank rows for input.

(e) Offerors who check have in paragraphs (d)(1) or (2) above also are requested to say whether substitutes are known to be available for any of the CIODS. If an available substitute would perform less well than the CIODS would perform, please let us know what the technical trade-offs are to the extent that you have such information available.

(f) If you checked have in paragraphs (d)(1) or (2) above, and also indicated that substitutes for CIODS are available, we need to know whether use of the suggested substitute would have any effect on your proposed price. If your proposal price for compliance with our current specifications differs from what your price would be if the substitute for CIODS were required, we ask that you let us know what the difference would be in Section B of this solicitation, by giving us two prices or offers:

--One price/offer, labeled with CIODS, will be the offered price in the event that CIODS are used.

--The second price/offer, labeled without CIODS, will be the price offered if substitutes for CIODS are used, and will specify the substitute(s) being proposed for use.

(g) Section 326 of Public Law 102-484 reflects the national and international interest in minimizing the use of CIODS. For this reason, TACOM reserves the right to (i) determine the suitability of substitutes for CIODS when such potential substitutes are available; and (ii) change the specification in any contract awarded as a result of this solicitation, to require the use of suitable

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substitutes in lieu of CIODS.

[End of Provision]

K-22            52.245-4004            REPRESENTATION OF GOVERNMENT-OWNED PROPERTY FOR POSSIBLE USE            JAN/1991  
(TACOM)

The offeror represents that there:

- is  
 is not

Government-owned property in its plant(s), or in the plant(s) of any of its prospective subcontractors, which, assuming authorization for its use,

- will  
 will not  
 may or may not (not finally determined as of the date of this offer)

be used in the performance of the contract resulting from this solicitation.

NOTE: Offerors checking is AND will or may or may not above must notify the Government representative listed in Block 7 of the SF 33 at least ten days before the date when offers are due under the solicitation, so that the solicitation can be amended to include the appropriate Government property clause(s). If no such notification is given, authorization for the use of such property in this contract may be denied.

[End of Provision]

**Name of Offeror or Contractor:**

## SECTION L - INSTRUCTIONS, CONDITIONS, AND NOTICES TO OFFERORS

This solicitation incorporates one or more solicitation provisions by reference, with the same force and effect as if they were given in full text. Upon request, the Contracting Officer will make their full text available. The offeror is cautioned that the listed provisions may include blocks that must be completed by the offeror and submitted with its quotation or offer. In lieu of submitting the full text of those provisions, the offeror may identify the provision by paragraph identifier and provide the appropriate information with its quotation or offer. Also, the full text of a solicitation provision may be accessed electronically at this address: <http://farsite.hill.af.mil/>

[End of Provision]

	<u>Regulatory Cite</u>	<u>Title</u>	<u>Date</u>
L-1	52.211-2	AVAILABILITY OF SPECIFICATIONS LISTED IN THE DOD INDEX OF SPECIFICATIONS AND STANDARDS (DODISS) AND DESCRIPTIONS LISTED IN THE ACQUISITION MANAGEMENT SYSTEMS AND DATA REQUIREMENTS CONTROL LIST, DOD 5010.12-L	JAN/2004
L-2	52.211-14	NOTICE OF PRIORITY RATING FOR NATIONAL DEFENSE USE	SEP/1990
L-3	52.214-34	SUBMISSION OF OFFERS IN THE ENGLISH LANGUAGE	APR/1991
L-4	52.214-35	SUBMISSION OF OFFERS IN U.S. CURRENCY	APR/1991
L-5	52.215-1	INSTRUCTIONS TO OFFERORS--COMPETITIVE ACQUISITIONS (ALTERNATE I (OCT 1997) AND ALTERNATE II (OCT 1997))	JAN/2004
L-6	52.215-16	FACILITIES CAPITAL COST OF MONEY	OCT/1997
L-7	252.204-7001	COMMERCIAL AND GOVERNMENT ENTITY (CAGE) CODE REPORTING	AUG/1999
L-8	252.209-7003	COMPLIANCE WITH VETERANS' EMPLOYMENT REPORTING REQUIREMENTS	MAR/1998
L-9	52.215-20	REQUIREMENTS FOR COST OR PRICING DATA OR INFORMATION OTHER THAN COST OR PRICING DATA (ALTERNATE III, OCT 1997)	OCT/1997

(a) Exceptions from cost or pricing data.

(1) In lieu of submitting cost or pricing data, offerors may submit a written request for exception by submitting the information described in the following subparagraphs. The Contracting Officer may require additional supporting information, but only to the extent necessary to determine whether an exception should be granted, and whether the price is fair and reasonable.

(i) Identification of the law or regulation establishing the price offered. If the price is controlled under law by periodic rulings, reviews, or similar actions of a governmental body, attach a copy of the controlling document, unless it was previously submitted to the contracting officer.

(ii) Commercial item exception. For a commercial item exception, the offeror shall submit, at a minimum, information on prices at which the same item or similar items have previously been sold in the commercial market that is adequate for evaluating the reasonableness of the price for this acquisition. Such information may include--

- (A) For catalog items, a copy of or identification of the catalog and its date, or the appropriate pages for the offered items, or a statement that the catalog is on file in the buying office to which the proposal is being submitted. Provide a copy or describe current discount policies and price lists (published or unpublished), e.g., wholesale, original equipment manufacturer, or reseller. Also explain the basis of each offered price and its relationship to the established catalog price, including how the proposed price relates to the price of recent sales in quantities similar to the proposed quantities;
- (B) For market-priced items, the source and date or period of the market quotation or other basis for market price, the base amount, and applicable discounts. In addition, describe the nature of the market;
- (C) For items included on an active Federal Supply Service Multiple Award Schedule contract, proof that an exception has been granted for the schedule item.

(2) The offeror grants the Contracting Officer or an authorized representative the right to examine, at any time before award, books, records, documents, or other directly pertinent records to verify any request for an exception under this provision, and the reasonableness of price. For items priced using catalog or market prices, or law or regulation, access does not extend to cost or profit information or other data relevant solely to the offeror's determination of the prices to be offered in the catalog or marketplace.

(b) Requirements for cost or pricing data. If the offeror is not granted an exception from the requirement to submit cost or

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pricing data, the following applies:

(1) The offeror shall submit cost or pricing data and supporting attachments in accordance with Table 15-2 of FAR 15.408.

(2) As soon as practicable after agreement on price, but before contract award (except for unpriced actions such as letter contracts), the offeror shall submit a Certificate of Current Cost or Pricing Data, as prescribed by FAR 15.406-2.

(c) Submit the cost portion of the proposal via the following electronic media: -1-

[End of Provision]

L-10            52.216-1            TYPE OF CONTRACT            APR/1984

The Government contemplates award of a FIRM FIXED-PRICE contract resulting from this solicitation.

[End of Provision]

L-11            52.233-2            SERVICE OF PROTEST            AUG/1996

(a) Protests, as defined in Section 33.101 of the Federal Acquisition Regulation, that are filed directly with an agency, and copies of any protests that are filed with the General Accounting Office (GAO), shall be served on the Contracting Officer (addressed as follows) by obtaining written and dated acknowledgement of receipt from:

U.S. Army Tank-automotive and Armaments Command ATTN: AMSTA-AQ, Associate Deputy for Contracting (Protest Coordinator) Warren, MI 48397-5000	or	HQ, Army Materiel Command  Office of Command Counsel ATTN: AMCCC-PL 9301 Chapek Road, Rm 2-1SE3401 Ft. Blvoir, VA 22060 Facsimile number (703) 806-8866/806-8875
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The AMC-Level protest procedures are found at: [www.amc.army.mil/amc/command\\_counsel/protest/protest.html](http://www.amc.army.mil/amc/command_counsel/protest/protest.html).

If Internet access is not available, contact the Contracting Officer or HQ, AMC to obtain the AMC-Level Protest Procedures.

Telegraphic transmission of protest will not be authorized, unless specifically approved by the PCO.

(b) The copy of any protest shall be received in the U.S. Army Tank-automotive and Armaments Command office designated above within one day of filing a protest with the GAO.

[End of Provision]

L-12            52.233-4001            HQ-AMC LEVEL PROTEST PROCEDURES            MAY/2000  
(TACOM)

(a) Policy: A protest to an AMC forum is a protest to the agency, within the meaning of FAR 33.103. The HQ, AMC-Level Protest Program is intended to encourage an interested party to seek resolution of its concerns within AMC, rather than filing a protest with the General Accounting Office (GAO), or other external forum.

(b) Agency Protest: An AMC Protest may be filed with either, but not both:

- (1) The contracting officer designated in the solicitation for resolution of protests, or,
- (2) HQ, AMC at the address designated below.

(c) Election of Forum: After an interested party protests an AMC procurement to HQ, AMC and while that protest is pending, the protestor agrees not to file a protest with the GAO, or other external forum. If the protestor has filed a protest with the GAO, or other external forum, HQ, AMC-Level protest procedures may not be used and any protest that has been filed will be dismissed.

(d) Protest Decision Authority: The AMC Command Counsel is designated as the HQ, AMC Protest Decision Authority. In the absence of the Command Counsel, the Deputy Command Counsel is designated as the HQ, AMC Protest Decision Authority.

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(e) Time for Filing a Protest: HQ, AMC protest shall be filed in accordance with the timeframes set out in FAR 33.103(e). HQ, AMC Office Hours are 8:00 am--4:30 pm Eastern Time. Time for filing any document expires at 4:30 pm, Eastern Time on the last day on which such filing may be made.

(f) Form of Protest: HQ, AMC protest shall include the protestor's name, address and telephone number, including fax number; the solicitation or contract number, identity of the contracting activity and the contracting officer's name; a statement of all legal and factual grounds for protest, including copies of all relevant documents; a request for a ruling; and, a request for relief. All protests must be signed by an authorized representative of the protestor.

(g) Processing of HQ, AMC-Level Protests:

(1) To file an AMC-level protest, send the protest to:

HQ Army Materiel Command  
Office of Command Counsel  
9301 Chapek Road, Rm 2-1SE3401  
Ft. Belvoir, VA 22060

Fax #: (703) 806-8866 or (703) 806-8875

If you have a web browser, you can use the following HTTP to view the complete AMC-level protest procedures:  
[http://www.amc.army.mil/amc/command\\_counsel/protest/protest.html](http://www.amc.army.mil/amc/command_counsel/protest/protest.html)

(2) Within 10 working days after the protest is filed, the Contracting Officer, with the assistance of legal counsel, shall file with the HQ, AMC Office of Command Counsel, ATTN: AMCCC-PL, an administrative report responsive to the protest. Reports shall be sent by facsimile, over-night mail or hand-delivered, to ensure timely receipt.

(3) The HQ, AMC Protest Decision Authority will issue a written decision within 20 working days after the filing of the protest.

(4) The written decision will be binding on the Army Materiel Command and its contracting activities.

(5) For good cause shown, the HQ, AMC Protest Decision Authority may grant extensions of time for filing the administrative report and for the issuance of the written decision. When such an extension is granted, the protestor and all interested parties shall be notified within 1 working day of the decision to grant the extension.

(h) Effect of Protest on Award and Performance:

(1) Protests before award: When a protest is filed with HQ, AMC prior to award, a contract may not be awarded unless authorized by the Assistant Deputy Chief of Staff (ADCS) for Acquisition, Contracting and Production Management, HQ, AMC, in accordance with FAR 33.103(f).

(2) Protests after award: When a protest is filed with HQ, AMC within 10 calendar days after award, or within five calendar days of debriefing for any debriefing that when requested was required by FAR 15.806, the contracting officer shall suspend performance. The HQ, AMC ADCS for Acquisition, Contracting and Production Management may authorize contract performance, notwithstanding the protest, upon a written finding that:

-- contract performance will be in the best interests of the United States; or

-- urgent and compelling circumstances that significantly affect the interests of the United States will not permit waiting for a decision from the HQ, AMC Protest Decision Authority.

(i) Remedies: The HQ, AMC Protest Decision Authority may grant any one or combination of the following remedies:

- (1) terminate the contract;
- (2) re-compete the requirement;
- (3) issue a new solicitation;
- (4) refrain from exercising options under the contract;
- (5) award a contract consistent with statute and regulation;

**Name of Offeror or Contractor:**

- (6) pay appropriate costs as stated in FAR 33.102(b)(2); and
- (7) such other remedies as HQ, AMC Protest Decision Authority determines necessary to correct a defect.

[End of Provision]

L-13            52.211-4047            NOTICE TO OFFERORS INTENDING TO OFFER OTHER THAN NEW MATERIAL            APR/2000  
                   (TACOM)                    (NEGOTIATED)

(a) We intend to acquire only new material. Unless this contract otherwise requires virgin material or supplies composed of, or manufactured from, virgin material, the contractor shall provide supplies that are new, as defined in this clause.

## (b) Definitions:

(1) "New" means composed of previously unused components, whether manufactured from virgin material, recovered material in the form of raw material, or materials and by-products generated from, and reused within, an original manufacturing process; provided that the supplies meet contract requirements, including but not limited to, performance, reliability, and life expectancy.

(2) "Reconditioned" means restored to the original normal operating condition by readjustments and material replacement.

(3) "Recovered material" means waste materials and by-products that have been recovered or diverted from solid waste including post-consumer material, but such term does not include those materials and by-products generated from, and commonly reused within, an original manufacturing process.

(4) "Remanufactured" means factory rebuilt to original specifications.

(5) "Virgin material" means previously unused raw material, including previously unused copper, aluminum, lead, zinc, iron, other metal or metal ore, or any undeveloped resource that is, or with new technology will become, a source of raw materials

(6) "Residual Inventory" means inventory from a transferred or terminated Government or commercial contract.

(c) Used, reconditioned, remanufactured supplies, unused former Government surplus property, or residual inventory shall not be used unless the contractor has proposed the use of such supplies, and the Contracting Officer has authorized their use.

## (d) Offers to provide other than new material shall be submitted to the Contracting Officer for approval:

(1) A proposal to provide unused former Government surplus property shall include a complete description of the material, the quantity, the name of the Government agency from which acquired, and the date of acquisition.

(2) A proposal to provide used, reconditioned, or remanufactured supplies shall include a detailed description of such supplies.

(3) A proposal to provide residual inventory shall include the Government or commercial contract number of the terminated contract and the name of the original contractor.

(e) If the use of used, reconditioned, remanufactured items, unused former Government surplus property, or residual inventory are approved by the Contracting Officer, we may require you to meet specific marking, inspection, and testing requirements beyond those found in this solicitation. We will negotiate these additional requirements with you before award and put them in any resulting contract.

[End of Provision]

L-14            52.211-4054            PACKING/PACKAGING LEVEL FOR OPTION QUANTITIES            MAR/1989  
                   (TACOM)

For purposes of computing a price for the option quantity specified in Section B of this solicitation and unless otherwise indicated in Section B, it is understood and agreed that the option unit price includes the same level(s) of packing/packaging as those that apply to the basic contract quantity.

[End of Provision]

L-15            52.215-4003            HANDCARRIED OFFERS - INCLUDING OFFERS DELIVERED BY EXPRESS SERVICES            DEC/2002

**Name of Offeror or Contractor:**

(TACOM) (NON-US POSTAL SERVICE MAIL)

- (a) Handcarried offers shall be addressed to:

US Army Tank-automotive and Armaments Command  
 Acquisition Center  
 Bid Lobby - Building 231, AMSTA-AQ-AMAD  
 East 11 Mile Road  
 Warren, MI. 48397-0001

- (b)
- Offers shall not be addressed to an individual buyer. All offers must be addressed to the Bid Lobby at the above address.

(c) The external delivery envelope or wrapper must be marked with the solicitation number and the date and time of the solicitation closing. Each envelope should contain only one offer.

(d) Handcarried offers must be delivered to the TACOM Receiving Dock in Building 249. Directions to TACOM: From Van Dyke Avenue, travel westbound on 11 Mile Road; enter the first Arsenal gate immediately west of the railroad tracks on the north side of the street. Take an immediate right and follow security officer directions to the Receiving Dock in Building 249. The driver may need to obtain a visitors badge, and must be a US citizen. The Government will forward the package to the Bid Lobby address in Building 231.

(e) Offerors must ensure that the commercial carrier they use has a tracking system that can provide documentation of the date and time of delivery to the Government. For handcarried offers delivered by other than a commercial carrier, the offeror must ensure that the delivery person obtains a signature from Receiving Dock personnel on a receipt that shows the date and time of delivery to the Government. The delivery person must provide the receipt since Receiving Dock personnel do not have them.

- (f) Packages must be delivered to Building 249 between the hours of 8:00 am and 3:00 pm local time.

[End of Provision]

L-16

52.215-4004

COST OR PRICING DATA

JUN/1999

(a) Every proposal must include cost or pricing data for (i) prime contracts expected to exceed \$500,000 and (ii) each prospective noncompetitive subcontract that:

- (1) Has an estimated value of \$10 million or more, or
- (2) Has an estimated value of more than \$500,000 and is more than 10% of the total contract price.

(b) In order to meet this requirement, you must include a certificate of current cost or pricing data, in the format specified in 15.406-2 (see paragraph (d) below).

- (c) Data shall be submitted in the format indicated in Table 15-2 of FAR 15.408.

(1) Address both (i) the basic contractual quantities identified in Section B of this solicitation, and (ii) any applicable option quantity identified in Section H of this solicitation.

- (2) For required subcontractor cost or pricing data:

(i) Clearly identify the sub-contracted scope of work and its relation to the total proposal, and

(ii) Include (or forward to the Procuring Contracting Officer (PCO) when first available) complete documentation of the subcontract proposal audit, analysis, evaluation, and negotiation.

(3) Concurrently furnish the complete package of information to the cognizant Defense Contract Management Area Operation (DCMC) and Defense Contract Audit Agency (DCAA) offices. You are responsible for submitting all required subcontractor cost or pricing data to each of these three Government offices (or for ensuring that subcontractors forward their data directly).

(d) Certificate of Current Cost or Pricing Data. As soon as practicable after contract price agreement, you will furnish a Certificate of Current Cost or Pricing Data for the prime contract and each subcontract identified above.

[End of Provision]

L-17

52.215-4404

DATA AND COMMUNICATIONS SUBMITTED TO THE GOVERNMENT ELECTRONICALLY

MAY/2002

**Name of Offeror or Contractor:**

(a) The Government often employs contractors as system administrators to operate and maintain Government computer systems. These systems include local area networks, web sites, databases, other electronic records, e-mail accounts, other electronic data transfer mechanisms and computer software. The employees of these contracted system administrators sign nondisclosure agreements obligating them not to reveal information contained in files, documents, computers or systems that they administer. However, unless such information is protected in some way, contracted system administrators do have the ability to access such information.

(b) Potential contractors as well as any other parties are thus advised to take steps needed to prevent access by contracted system administrators to information submitted electronically to the Government. Absent such steps, it is assumed that contracted system administrators are permitted the capability to access the data. The access will be limited to that which is necessary for the contract system administrator to perform its duties for the Government. The access shall be subject to the condition that third party information is not to be revealed by the contracted system administrator.

[End of Provision]

L-18            52.215-4850            ELECTRONIC OFFERS REQUIRED IN RESPONSE TO THIS SOLICITATION            APR/2004  
(TACOM)

(a) You must submit your offer via paperless electronic media (See Paragraph (b) below.). Unless paper copies are specifically requested elsewhere in this solicitation (in Section L), offers submitted in paper form are unacceptable. You must submit your electronic offer, and any supplemental information (such as spreadsheets, backup data, and technical information), using any of the following electronic formats:

(1) Files readable using these Office XP or Microsoft\* 2002 Office Products (TACOM can currently read OFFICE 2002\* and lower.): Word, Excel, Powerpoint, or Access. Spreadsheets must be sent in a file format that includes all formulae, macro and format information. Print image is not acceptable. Executable files are unacceptable.

(2) Files in Adobe PDF (Portable Document Format). Scanners should be set to 200 dots per inch.

(3) Files in HTML (Hypertext Markup Language). HTML documents must not contain active links to live Internet sites or pages. All linked information must be contained within your electronic offer and be accessible offline.

(4) Other electronic formats. Before preparing your offer in any other electronic format, please e-mail the buyer identified in Block 10 of the solicitation cover sheet (Government Standard Form 33), with e-mail copy-furnished to amsta-idq@tacom.army.mil, to obtain a decision as to the format's acceptability. This e-mail must be received by the buyer not later than ten calendar days before the closing date. Failure to e-mail the buyer within this timeframe to seek an alternate format's acceptability may result in rejection of your offer. All alternate methods must be at no cost to the Government.

NOTE (Compression): The above formats may be submitted in compressed form using Winzip\*. Self-extracting files are not acceptable. Check with the buyer before using any product other than Winzip for file compression.

NOTE (Hyperlinks): Documents [submitted using any of the above formats] must not contain active links (hyperlinks) to any other documents that are not contained in the proposal. This includes links to live Internet web sites or web pages. All linked information must be contained within your electronic offer and be accessible offline.

NOTE (Macros): The virus scanning software used by our email systems cannot always distinguish a macro from a virus. Therefore, sending a macro embedded in an email message or an email attachment may cause the email offer to be quarantined. In that event subparagraphs (f) and (g) apply.

(b) Acceptable media: You must submit your offer via 100 megabyte or 250 megabyte Zip\*-disk, or 3 1/2 inch disk, or 650 megabyte CD ROM, E-mail, or datafax. Identify the software application, and version, that you used to create each file submitted. The word "datafax" used in this clause means "facsimilie" as defined at FAR 52.215-5.

(1) 100 OR 250 MEGABYTE ZIP\*-DISK, 3 1/2 INCH DISK, OR 650 MEGABYTE CD ROM via U.S. Mail or other carrier. Offerors shall label any and all submitted disks with the solicitation number and closing date, and the offeror's name and address and contact phone number. Envelopes containing disks must be labeled per FAR 52.215-1(c), found within the provision, "Instructions to Offerors--Competitive Acquisition", listed in Section L. Your attention is also called to the entirety of that provision--all contained therein is applicable to paperless electronic offers. In the event of multiple submitted offers, place each offer/submission on its own disk(s)(one offer can comprise multiple disks). You must also submit only one offer/submission per envelope. Notwithstanding language in Block 9 of the SF 33 cover sheet of this solicitation that may state otherwise, submit ONLY ONE (1) of each disk (no additional copies required). If you will be sending your CD or ZIP disks by any method other than US Postal Service, see the Section L provision 52.215-4003 (TACOM), entitled "Handcarried Offers," for delivery instructions.

(2) E-MAIL. If you choose to use e-mail, address your offer to offers@tacom.army.mil. DO NOT E-MAIL OFFERS TO THE BUYER. THE SUBJECT LINE OF THE E-MAIL MUST READ: "OFFER--[solicitation number], [name of Company/offeror], CLOSES [closing date]". Maximum size of

**Name of Offeror or Contractor:**

each e-mail message shall be three and one-half (3.5) megabytes. Use the file compression described in the NOTE in paragraph (a) above. You may use multiple e-mail messages for each offer/submission, however, you must annotate the subject lines as described above for each message, and number them in this manner: "Message 1 of 3, 2 of 3, 3 of 3".

(3) DATAFAX. Faxed offers MUST BE SENT TO TACOM'S NETWORK FAX SERVER ON 1-586-574-5527. DO NOT FAX OFFERS TO THE BUYER. SIMILARLY, DO NOT ADDRESS THE FAX TO THE BUYER. YOU MUST ADDRESS THE FAX TO THE ATTENTION OF offers@tacom.army.mil AS THIS IS THE LOCATION WHERE YOUR FAX MUST BE RECEIVED. THE COVER PAGE OF THE FAX MUST CLEARLY INDICATE THAT THE FAX SHOULD BE SENT TO offers@tacom.army.mil.

Paper faxes are not acceptable. Transmit only one offer for each datafax transaction. Clearly identify the offer as such on your fax cover page or via your PC, include your company's name, and state the proper internal TACOM address: offers@tacom.army.mil. Offerors may send a fax using a personal computer or standalone fax machine, but it must be sent to the above number. If you use a standalone fax machine, you won't receive a confirmation of receipt. See paragraph (e) below for the minimum requirements of your offer. Maximum size of datafax offers is three and one-half megabytes (3.5MB), the same limitation as that for e-mail offers. For your datafax, use the same subject line as that for e-mails as indicated above: "OFFER--[solicitation number], [name of your Company/offeror], CLOSES [closing date]".

Unless specifically instructed otherwise in this solicitation, select only one medium by which to transmit each offer. For instance, do not submit an offer via 100 or 250 megabyte Zip\*-disk AND e-mail.

(c) Lateness rules for submitted disks, e-mail, or datafax submissions are outlined in FAR 52.215-1, "Instructions to Offerors--Competitive Acquisition", listed in Section L of this solicitation. Pay particular attention to paragraph (c)(3) of that clause as it relates to the timing of e-mail or datafax submissions.

(d) Security Note: If you choose to password-protect access to your offer, you must provide the password to TACOM at least ten days prior to submitting the protected file. Contact the buyer to arrange a means of providing the password. Passwords used only for the purpose of write protecting files need not be provided.

(e) Electronic offers must include, as a minimum:

(1) The SF33 cover sheet filled out. SIGNATURE: For offers submitted via disk or CD ROM per (b)(1) above, this SF 33 cover sheet must be signed and included electronically in your disk or CD. Clearly label the disc/CD ROM as described in paragraph (b)(1) above, adding the name and title of the signer authorizing your company, your company name, and then sign the LABEL itself. Datafaxed offers also must include a signed SF 33 cover sheet. E-mailed offers must also include a signed SF 33 cover sheet that can be either faxed or scanned. If faxed to the TACOM Network Fax Server (1-586-574-5527), you must annotate that it is being submitted together with your e-mailed offer. If scanned, attach it to your e-mail offer (or first e-mail message if you are sending multiple e-mails due to length).

(2) All applicable fill-in provisions from Sections A, B, F, and K of this solicitation. You may find Word versions of Section K provisions requiring your fill-in on our TACOM Business Opportunities webpage (<http://contracting.tacom.army.mil/mastersol/sectionk.htm>). You can fill them in and attach them to your offer. See the solicitation for which provisions are required. Also, Section E provisions filled in (if applicable): Inspection Point: Origin, TACOM clause 52.246-4028. All applicable fill-ins must be completed and submitted by the offeror.

(3) A statement of agreement to all the terms, conditions, and provisions of this solicitation.

(4) Any other information required by the solicitation.

(f) Please see FAR 15.207(c) for a description of the steps the Government shall take with regard to unreadable offers.

(g) Offerors shall make every effort to ensure that their offer is virus-free. Offers (or portions thereof) submitted which DO reflect the presence of a virus, or which are otherwise rendered unreadable by damage in either physical or electronic transit, shall be treated as "unreadable" per paragraph (f) above.

\*Registered trademark

[End of Provision]

(a) Procurement Technical Assistance Centers (PTACs). The Federal Government has established over 100 PTACs around the nation to help small vendors do business with the Defense Department and other Government agencies. PTACs offer most of their services FREE OF CHARGE.

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**Name of Offeror or Contractor:**

(b) PTACs provide their clients with...

- marketing advice
- information on sales opportunities and partnering prospects
- help with preparing offers
- matching your firm's services and products to Government requirements
- copies of Government specifications (sometimes for a fee)
- post-award guidance
- referrals to other business assistance resources
- newsletters, which typically discuss Government policy changes and upcoming seminars and trade fairs

(c) To find the PTAC nearest you, visit <http://www.dla.mil.ddas.default.htm> on the World Wide Web.

[End of Provision]

L-20            52.219-4004            SUBMISSION OF SUBCONTRACTING PLAN            FEB/1999  
(TACOM)

(a) Concurrent with the offer in response to this solicitation, the The offeror shall submit a subcontracting plan required by FAR 52.219-9, entitled SMALL BUSINESS AND SMALL DISADVANTAGED BUSINESS SUBCONTRACTING PLAN. Note that such a plan is not required of offerors that are small businesses. The plan shall be submitted to the buyer's e-mail address on the face page of the solicitation.

(b) Each page of the subcontracting plan will be marked with the solicitation number and date, and may also be marked with other codes or identification symbols to aid in later identification. If this is a negotiated acquisition, the subcontracting plan may be negotiated along with the cost, technical, and managerial features of the offeror's proposal, and the Government reserves the right to discuss the subcontracting plan after the receipt of any best and final offer, in which case such discussion shall not constitute a re-opening of negotiations.

(c) Failure to submit and, if applicable, negotiate an acceptable subcontracting plan which, in the judgment of the Contracting Officer, provides the maximum practicable opportunity for small business and small disadvantaged business concerns to participate in the awarded contract shall render the offeror ineligible for award. In this connection, offerors should be aware of the statutory goal that has been placed on the Department of Defense to award five percent of its total planned subcontracting dollars to small disadvantaged businesses (including Historically Black Colleges and Universities and Minority Institutions) at the prime contract and subcontract levels. In view of this Congressional mandate, large businesses shall provide specific explanation as a part of any written subcontracting plan furnished in response to this solicitation/contract that identifies a goal for subcontracting to small disadvantaged business concerns and/or Historically Black Colleges and Universities and/or Minority Institutions that, in the aggregate, amounts to less than five percent of the proposal's total subcontracting dollars.

[End of Provision]

L-21            52.233-4000            NOTICE REGARDING TACOM OMBUDSPERSON AND AMC-LEVEL PROTEST PROGRAM            AUG/1999  
(TACOM)

(a) At the Tank-automotive and Armaments Command (TACOM) we have an ombudsperson office, which builds an extra communication avenue that our contractors can use.

(b) If you think that this solicitation contains inappropriate requirements, needs streamlining, or should be changed, you should first contact the buyer or the Procuring Contracting Officer (PCO).

(c) The buyer's name and phone number are on the cover page (SF 1449) of this solicitation in block number 7.

(d) If the buyer or PCO doesn't respond to the problem to your satisfaction, or if you want to make comments anonymously, you can contact the Ombudsperson's Office. Our Ombudsperson is Ms. LaRuth Shepherd. Her address, e-mail and phone number are:

U.S. Army TACOM  
AMSTA-AQ-C (Ms. Shepherd)  
Warren, MI 48397-5000

shepher1@tacom.army.mil

(586) 574-6597 or 6547

(e) If you contact Ms. Shepherd, please provide her with the following information:

**Name of Offeror or Contractor:**

- (1) TACOM solicitation number;
- (2) Name of PCO;
- (3) Problem description;
- (4) Summary of your discussions with the buyer/PCO.

(f) Another avenue you can use, if you wish to protest some feature of this acquisition, is to protest to TACOM's headquarters, the Army Materiel Command. The AMC-level protest program encourages interested parties to seek resolution of their concerns within AMC as an Alternative Dispute Resolution forum, rather than filing a protest with the General Accounting Office or other external forum. Contract award or performance is suspended during an AMC-level protest to the same extent, and within the same time periods, as would apply to a protest filed with the GAO. The AMC program has a goal of resolving protests within 20 working days from the date of filing. To be timely, AMC-level protests must be filed within the periods specified in subpart 33.103 of the Federal Acquisition Regulation.

- (g) To file an AMC-level protest, send the protest to:

HQ Army Materiel Command  
Office of Command Counsel  
9301 Chapek Road, Rm 2-1SE3401  
Ft. Belvoir, VA 22060

Fax number: (703) 806-8866/8875

If you have a web-browser, you can use the following HTTP to view the complete AMC-level protest procedures:

[www.amc.army.mil/amc/command\\_counsel/protest/protest.html](http://www.amc.army.mil/amc/command_counsel/protest/protest.html)

[End of Provision]

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## SECTION M - EVALUATION FACTORS FOR AWARD

	<u>Regulatory Cite</u>	<u>Title</u>	<u>Date</u>
M-1	52.247-46	SHIPPING POINT(S) USED IN EVALUATION OF F.O.B. ORIGIN OFFERS	APR/1984
M-2	52.247-47	EVALUATION--F.O.B. ORIGIN	JUN/2003
M-3	52.247-4006 (TACOM)	METHOD OF EVALUATION FOR F.O.B. ORIGIN TRANSPORTATION OFFERS	MAR/2002

(a) For the evaluation of this offer, we will use the lowest freight rates from the Transportation Officer that are:

- in effect (or the lowest rates that will become effective before the expected date of initial shipment), and
- on file or published with the Transportation Officer by the date of bid opening (or by the closing date specified for requests for proposals), and
- for the Government selected method of shipment, and
- based upon the following freight classification:

UFC: -1-            ITEM: -2-  
NMFC: -3-         ITEM: -4-

(b) TRANSPORTATION PORT AND OCEAN COSTS. As indicated at the Military Ocean Terminal designated in the Section M provision EVALUATION OF EXPORT OFFERS, combined port and ocean shipping costs are per measurement ton. We'll compute the cost of transportation by adding: (i) inland transportation costs from the F.O.B. point, (ii) port charges and (iii) ocean shipping costs beyond the indicated, applicable ports. We'll then add this computed cost of transportation to the price of the supplies to be delivered to an overseas port. To evaluate the cost of transportation, we will (i) compute the cost for all applicable U.S. ports shown in the EVALUATION OF EXPORT OFFERS provision, (ii) compare them, and (iii) use the lowest one. As stated above, we'll substitute any rate change published before bid opening (or RFP closing) that would lower our costs.

[End of Provision]

M-4	52.217-5	EVALUATION OF OPTIONS	JUL/1990
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(a) Except when it is determined in accordance with FAR 17.206(b) not to be in the Government's best interests, the Government will evaluate offers for award purposes by adding the total price for all options to the total price for the basic requirement. Evaluation of options will not obligate the Government to exercise the option(s).

(b) The Government may reject an offer as nonresponsive if it is materially unbalanced as to prices for the basic requirement and the option quantities. An offer is unbalanced when it is based on prices significantly less than cost for some work and prices which are significantly overstated for other work.

(End of provision)

M-5	52.209-4011 (TACOM)	CONTRACTOR RESPONSIBILITY AND ELIGIBILITY FOR AWARD	JAN/2001
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(a) We'll award a contract to the offeror that:

- (1) submits the lowest evaluated offer if award is based on price only, or the offer that provides the best value to the Government if factors in addition to price are identified in Section M, and
- (2) submits a bid or proposal that meets all the material requirements of this solicitation, and
- (3) meets all the responsibility criteria at FAR 9.104.

(b) To make sure that you meet the responsibility criteria at FAR 9.104 we may:

- (1) arrange a visit to your plant and perform a preaward survey;
- (2) ask you to provide financial, technical, production, or managerial background information.

(c) If you don't provide us with the data we ask for within 7 days from the date you receive our request, or if you refuse to have

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us visit your facility, we may determine you nonresponsible.

(d) If we visit your facility, please make sure that you have current certified financial statements and other data relevant to your bid or proposal available for our team to review.

[End of Provision]

M-6            52.217-4003            EVALUATION OF INCOMPLETE OPTION PRICING            FEB/1998  
(TACOM)

(a) Per FAR 17.203(d), offerors may price the option CLIN in this solicitation incrementally, by entering different option unit prices that will apply to different subquantities or quantity ranges (in the event that the Government elects to exercise less than 100% of the option). Notwithstanding this fact, the provision entitled EVALUATION OF OPTIONS (FAR 52.217-5, located elsewhere in this Section M) indicates that the Government's evaluation for contract award will include each offeror's price for 100% of the option quantity.

(b) In light of the above, if an offeror specifies unit prices that apply to one or more option quantity ranges, but does not specify a unit price for 100% of the option, we will evaluate that offer for award as follows. The option price for such offer shall be deemed to be the higher of (i) the unit price that applies to the basic (non-option) quantity, or (ii) the highest unit price that is identified against any range or subquantity of the option CLIN.

[End of Provision]

M-7            52.247-4015            EVALUATION OF TRANSPORTATION COSTS FOR OPTIONS (F.O.B. ORIGIN)            MAR/2002  
(TACOM)

(a) We will compute and identify transportation costs pertaining to the option quantity identified in Section B of the solicitation in the same manner as we calculated the cost for the basic quantity.

(b) Where only one basic quantity destination is identified, we will base our evaluation of transportation costs for the option quantity to that destination. Where two or more basic quantity destinations are identified, we will evaluate the option using the same ratio as the basic quantity.

[End of Provision]

DESTINATIONS

LOCATON	QTY TO EACH LOCATION
Niantic, CT	1
East Lyme, CT	1
Roseville, CA	3
Johnston, IA	2
Rapid City, SD	2
Colorado Springs, CO	2
Puerto Rico (quote to Charleston, SC for sea transit)	1
Shreve, OH	3
Allendale, SC	3
Charleston, SC	3
Grayling, MI	5
Jacksonville, FL	1
Anniston, AL	1
Salisbury, NC	1
Peekskill, NY	1
Perrysburg, OH	1
Marstons Mills, MA	4