

1. Request No. W56HZV-04-Q-1471	2. Date Issued 2004SEP17	3. Requisition/Purchase Request No. See Schedule	4. Cert For Nat Def. Under BDSA Reg. 2 and/or DMS Reg. 1	Rating DOA4
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5A. Issued By TACOM WARREN AMSTA-AQ-ATAC WARREN, MICHIGAN 48397-5000	6. Deliver by (Date) See Schedule
	7. Delivery <input type="checkbox"/> FOB Destination <input checked="" type="checkbox"/> Other

5B. For Information Call: (Name and telephone no.) (No collect calls) KAYE MAGAR (586) 574-8916 EMAIL: MAGARK@TACOM.ARMY.MIL	
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8. To: Name and Address, Including Zip Code	9. Destination (Consignee and address, including Zip Code)  See Schedule
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10. Please Furnish Quotations to the Issuing Office in Block 5A On or Before Close of Business (Date) 2004NOV02	IMPORTANT: This is a request for information, and quotations furnished are not offers. If you are unable to quote, please indicate on this form and return it to the address in Block 5B. This request does not commit the Government to pay any costs incurred in the preparation of the submission of this quotation or to contract for supplies or services. Supplies are of domestic origin unless otherwise indicated by quoter. Any interpretations and/or certifications attached to this Request for Quotation must be completed by the quoter.
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**11. Schedule (Include applicable Federal, State, and local taxes)**

Item Number (a)	Supplies/Services (b)	Quantity (c)	Unit (d)	Unit Price (e)	Amount (f)
	(See Schedule)				

12. Discount For Prompt Payment	a. 10 Calendar Days %	b. 20 Calendar Days %	c. 30 Calendar Days %	d. Calendar Days	
				Number	Percentage

**NOTE: Additional provisions and representations  are  are not attached.**

13. Name and Address of Quoter (Street, City, County, State and Zip Code)	14. Signature of Person Authorized to Sign Quotation	15. Date of Quotation
	<b>16. Signer</b>	
	a. Name (Type or Print)	b. Telephone
		Area Code
	c. Title (Type or Print)	Number

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**Name of Offeror or Contractor:**

## SUPPLEMENTAL INFORMATION

	<u>Regulatory Cite</u>	<u>Title</u>	<u>Date</u>
1	52.204-4016 (TACOM)	TACOM-WARREN ELECTRONIC CONTRACTING	JUL/2003

(a) TACOM is now operating in an electronic contracting environment. All TACOM solicitations and awards are now distributed on the TACOM Warren Business Opportunities web page (<http://contracting.tacom.army.mil/opportunity.htm>) and are no longer available in hard copy. The TDPs and other documents, when available electronically, will be an attachment or linked to the solicitation package on the web. Please see submission guidelines at <http://contracting.tacom.army.mil/userguide.htm> and <http://contracting.tacom.army.mil/ebidnotice.htm> for more information. Any requirements included in the solicitation take precedence over guidance found on the TACOM contracting web page.

(b) You may need to use special software to view documents that we post on the home page. This viewing software is freeware, available for download at no cost from commercial web sites like Microsoft and Adobe. In cases where such software is required, we provide a link from our page to the commercial site where the software is available. Once you arrive at the software developer's site, follow their instructions to download the free viewer. You then can return to the TACOM home page.

(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]

2	52.215-4854 (TACOM)	PAPERLESS ELECTRONIC RESPONSES REQUIRED IN RESPONSE TO THIS SOLICITATION/REQUEST	JUL/2002
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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]

The technical data package contains source controlled drawing number 6003697 (34623).

\*\*\* END OF NARRATIVE A 001 \*\*\*

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Name of Offeror or Contractor:

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT																		
0001	SUPPLIES OR SERVICES AND PRICES/COSTS  NSN: 4820-01-456-6257 FSCM: 19207 PART NR: 12447076 SECURITY CLASS: Unclassified																						
0001AA	<u>PRODUCTION QUANTITY</u>  NOUN: VALVE, REGULATING, FL PRON: EH4Y1711EH PRON AMD: 01 AMS CD: 070011  <u>Description/Specs./Work Statement</u> TOP DRAWING NR: 12447076 DATE: 08-JUL-2004  <u>Packaging and Marking</u> PACKAGING/PACKING/SPECIFICATIONS: SEE PACKAGING REQUIREMENT SHEET IN TECH DATA LEVEL PRESERVATION: Commercial LEVEL PACKING: Commercial  <u>Inspection and Acceptance</u> INSPECTION: Origin ACCEPTANCE: Origin  <u>Deliveries or Performance</u> DOC SUPPL <table border="0"> <tr> <td>REL CD</td> <td>MILSTRIP</td> <td>ADDR</td> <td>SIG CD</td> <td>MARK FOR</td> <td>TP CD</td> </tr> <tr> <td>001</td> <td>W56HZV4189T900</td> <td>W45G19</td> <td>M</td> <td></td> <td>2</td> </tr> </table> <table border="0"> <tr> <td><u>DEL REL CD</u></td> <td><u>QUANTITY</u></td> <td><u>DAYS AFTER AWARD</u></td> </tr> <tr> <td>001</td> <td>222</td> <td>0120</td> </tr> </table> FOB POINT: Origin  SHIP TO: <u>FREIGHT ADDRESS</u> (W45G19) XR W390 RED RIVER MUNITIONS CTR HIGHWAY 82 WEST CL V TPF GATE 44 BLDG 184 TEXARKANA TX 75507-5000	REL CD	MILSTRIP	ADDR	SIG CD	MARK FOR	TP CD	001	W56HZV4189T900	W45G19	M		2	<u>DEL REL CD</u>	<u>QUANTITY</u>	<u>DAYS AFTER AWARD</u>	001	222	0120	222	EA	\$ _____	\$ _____
REL CD	MILSTRIP	ADDR	SIG CD	MARK FOR	TP CD																		
001	W56HZV4189T900	W45G19	M		2																		
<u>DEL REL CD</u>	<u>QUANTITY</u>	<u>DAYS AFTER AWARD</u>																					
001	222	0120																					
0002	FSCM: 19207 PART NR: 12447076 SECURITY CLASS: Unclassified																						
0002AA	<u>Option Quantity</u>	222	EA	\$ _____	\$ _____																		

Name of Offeror or Contractor:

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
	<p>NOUN: VALVE, REGULATING, FL</p> <p>OPTION QUANTITY, PURSUANT TO SECTION I CLAUSE ENTITLED OPTION FOR INCREASED QUANTITY--- SEPARATELY PRICED LINE ITEM</p> <p>The quantity stated for the option CLIN DOES NOT Form a part of the basic contractual quantity. Part or all of it may, however, be added to the contract by exercise of the option clause, at the discretion of the Government.</p> <p>The failure of the offeror to insert a unit price applicable to the option quantity shall mean that the offeror will supply all or any part of the option, if exercised by the Government, at the basic contract unit price, and the offer will be evaluated for award accordingly.</p> <p>(End of narrative B001)</p> <p><u>Description/Specs./Work Statement</u>                      TOP DRAWING NR: 12447076                      DATE: 08-JUL-2004</p> <p><u>Packaging and Marking</u>                      PACKAGING/PACKING/SPECIFICATIONS:                      SEE PACKAGING REQUIREMENT SHEET IN TECH DATA                      LEVEL PRESERVATION: Commercial                      LEVEL PACKING: Commercial</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                      DEL REL CD QUANTITY DEL DATE                      001 222 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>				

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## CONTRACT CLAUSES

3	52.211-5	MATERIAL REQUIREMENTS	AUG/2000
4	52.211-17	DELIVERY OF EXCESS QUANTITIES	SEP/1989
5	52.217-5	EVALUATION OF OPTIONS	JUL/1990
6	52.222-19	CHILD LABOR--COOPERATION WITH AUTHORITIES AND REMEDIES	JUN/2004
7	52.222-21	PROHIBITION OF SEGREGATED FACILITIES	FEB/1999
8	52.225-13	RESTRICTIONS ON CERTAIN FOREIGN PURCHASES	JAN/2004
9	52.232-33	PAYMENT BY ELECTRONIC FUNDS TRANSFER--CENTRAL CONTRACTOR REGISTRATION	OCT/2003
10	52.242-10	F.O.B. ORIGIN--GOVERNMENT BILLS OF LADING OR PREPAID POSTAGE	APR/1984
11	52.246-2	INSPECTION OF SUPPLIES--FIXED PRICE	AUG/1996
12	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
13	52.247-29	F.O.B. ORIGIN	JUN/1988
14	52.247-58	LOADING, BLOCKING, AND BRACING OF FREIGHT CAR SHIPMENTS	APR/1984
15	52.247-59	F.O.B. ORIGIN - CARLOAD AND TRUCKLOAD SHIPMENTS	APR/1984
16	52.247-65	F.O.B. ORIGIN - PREPAID FREIGHT - SMALL PACKAGE SHIPMENTS	JAN/1991
17	252.211-7005	SUBSTITUTIONS FOR MILITARY OR FEDERAL SPECIFICATIONS AND STANDARDS	FEB/2003
18	252.225-7016	RESTRICTION ON ACQUISITION OF BALL AND ROLLER BEARINGS (Alternate I dated Dec 2000)	DEC/2000
19	52.209-1	QUALIFICATION REQUIREMENTS	FEB/1995

(a) Definition: Qualification requirement, as used in this clause, means a Government requirement for testing or other quality assurance demonstration that must be completed before award.

(b) One or more qualification requirements apply to the supplies or services covered by this contract. For those supplies or services requiring qualification, whether the covered product or service is an end item under this contract or simply a component of an end item, the product, manufacturer, or source must have demonstrated that it meets the standards prescribed for qualification before award of this contract. The product, manufacturer, or source must be qualified at the time of award whether or not the name of the product, manufacturer, or source is actually included on a qualified products list, qualified manufacturers list, or qualified bidders list. Offerors should contact the agency activity designated below to obtain all requirements that they or their products or services, or their subcontractors or their products or services, must satisfy to become qualified and to arrange for an opportunity to demonstrate their abilities to meet the standards specified for qualification.

(Name) SEE SUPPORTING ACTIVITY(IES) LISTED IN THE SPECIFICATION(S)  
(Address)

(c) If an offeror, manufacturer, source, product or service covered by a qualification requirement has already met the standards specified, the relevant information noted below should be provided.

Offeror's Name \_\_\_\_\_  
 Manufacturer's Name \_\_\_\_\_  
 Source's Name \_\_\_\_\_  
 Item Name \_\_\_\_\_  
 Service \_\_\_\_\_  
 Identification \_\_\_\_\_ Test Number \_\_\_\_\_(to the extent known)

(d) Even though a product or service subject to a qualification requirement is not itself an end item under this contract, the product, manufacturer, or source must nevertheless be qualified at the time of award of this contract. This is necessary whether the Contractor or a subcontractor will ultimately provide the product or service in question. If, after award, the Contracting Officer discovers that an applicable qualification requirement was not in fact met at the time of award, the Contracting Officer may either terminate this contract for default or allow performance to continue if adequate consideration is offered and the action is determined to be otherwise in the Government's best interests.

(e) If an offeror, manufacturer, source product or service has met the qualification requirement but is not yet on a qualified products list, qualified manufacturers list, or qualified bidders list, the offeror must submit evidence of qualification prior to award of this contract. Unless determined to be in the Government's interest, award of this contract shall not be delayed to permit an offeror to submit evidence of qualification.

(f) Any change in location or ownership of the plant where a previously qualified product or service was manufactured or performed

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requires reevaluation of the qualification. Similarly, any change in location or ownership of a previously qualified manufacturer or source requires reevaluation of the qualification. The reevaluation must be accomplished before the date of award.

[End of Clause]

20 52.219-1 SMALL BUSINESS PROGRAM REPRESENTATIONS--ALTERNATE I dated APR 2002) MAY/2004

(a)

(1) The North American Industry Classification System (NAICS) code for this acquisition is 336211.

(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.

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(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 service-disabled 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]

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52.204-4006  
(TACOM)INCORPORATION OF TACOM MASTER SOLICITATION FOR SIMPLIFIED  
ACQUISITIONS AND DESIGNATION OF F.O.B. POINT

MAY/2000

(a) This Request for Quotation (RFQ) or Purchase Order (PO) incorporates by reference TACOM-Warren's Master Solicitation for Simplified Acquisitions with the same force and effect as though the clauses and provisions it contains were physically incorporated into this document. The version in effect at time of award is the version that applies to your purchase order.

(b) The TACOM-Warren Master Solicitation for Simplified Acquisitions is available on our Electronic Contracting web page, which you can reach using the following URL address: <http://contracting.tacom.army.mil/opportunity.htm>

(c) The clauses and provisions in Section I of the Master Solicitation apply to all TACOM-Warren RFQs and Purchase Orders that contain this clause. The clauses contained in Section II of the Master Solicitation applies in addition to those in Section I when the

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RFQ or PO specifies F.O.B. Origin.

(d) We hereby specify that the required F.O.B. point for this acquisition is Origin.

(e) We will keep the Master Solicitation identified in this clause available on our Electronic Contracting web page during the entire period of performance of the purchase order. If the current Master Solicitation later is revised to incorporate a change in any of the clauses, the version specified in this clause will be retained, intact, in an archive area on our web page for continued reference and use.

[End of Clause]

22 52.211-4015 CONFIGURATION CONTROL--ENGINEERING CHANGES APR/2004  
(TACOM)

(a) DEFINITIONS:

(1) Engineering Change Proposal (ECP). An ECP is a suggestion that we (the Government) permanently change some requirement of the Technical Data Package (TDP). ECPs can be issued before or during contract performance. NOTE: The current Government Standard allows us ninety days to process routine ECPs. If you (the contractor) need a response in less than ninety days to meet contract requirements, you should consider submitting a deviation along with your ECP.

(2) Request for Deviation (RFD). A RFD is a one-time request to deviate from TDP requirements. You must submit your deviation request before you deviate from the TDP requirements. You can request a deviation for a specific number of parts or the entire contract quantity.

(3) Value Engineering Change Proposal (VECP). A proposal that --

(i) Requires a change to the instant contract; and

(ii) Results in reducing the overall projected cost to the agency without impairing essential functions or characteristics; provided, that it does not involve a change --

(A) In deliverable end item quantities only;

(B) In research and development (R&D) end items or R&D test quantities that is due solely to results of previous testing under this contract; or

(C) To the contract type only.

(4) Notice of Revision (NOR). A NOR describes the proposed changes to a technical document being requested by an ECP.

(b) When will TACOM start processing change requests? TACOM won't start processing any ECP, VECP, or RFD until we receive the ACO's comments (see paragraph (e) below) and the ECP, VECP, or RFD documentation.

(c) Contractor Responsibility. ECPs, VECPs, and RFD shall contain information per the instructions outlined on the Data Delivery Descriptions (DDD) which can be found at the following website: <http://contracting.tacom.army.mil/engr/engrchange.htm>. Forms for preparing an ECP, VECP, or a RFD can also be found at this website. You may use other media, as long as you give us all the information outlined in the DDDs.

(1) Identify the two-digit Weapon System Code (WSC) on your submittal. The WSC for this procurement is N5.

(2) The Contractor shall submit ECPs/VECPs/RFDs to the Government electronically. You must use one of the following electronic mediums: 100 megabyte Zip\*-disk, 3 1/2 inch disk, 650 megabyte CD ROM, or E-mail. (E-mail files must be sized 3.5 mb or less.) Identify the software application, and version, that you used to create each file submitted.

(3) ECPs/VECPs/RFDs submitted in paper form are unacceptable and will be returned. You must use one of the following electronic formats:

(i) Files readable using these Microsoft 97 Office Products: 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.

(ii) Files in Adobe PDF (Portable Document Format).

(iii) Files in HTML (Hypertext Markup Language). HTML documents must not contain active links to live Internet sites or

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pages. All linked information must be contained within your electronic ECPs/VECPs/RFDs and be accessible offline.

(iv) Other electronic formats. Before preparing your ECPs, VECs or RFDs in any other electronic format, please e-mail the engineer, copy-furnished to the buyer and ACO, to obtain a decision as to the format's acceptability. Failure to e-mail the engineer to seek an alternate format's acceptability may result in rejection of your submission. All alternate methods must be at no cost to the Government. NOTE: The above formats may be submitted in compressed form using self-extracting files.

(d) Submittal Procedures for ECPs/VECPs/RFDs.

(1) Send one copy of the ECP, VECP or RFD in electronic format to your ACO.

(2) Send one copy of the ECP, VECP or RFD in electronic format to the buyer listed on the solicitation/ contract document.

WARNING - Submit complete, legible, virus free packages per paragraphs 1 and 2 above, or we may return your ECP/VECP/RFD without processing them.

(e) ACO Responsibility. Within ten working days from the day you receive the contractor's request, the ACO must prepare Comments on the ECP, VECP, or RFD in electronic format, and forward it as follows:

Email a copy of the contractor's request and ACO comments (DD Form 1998) to [AMSRD-TAR-E@tacom.army.mil](mailto:AMSRD-TAR-E@tacom.army.mil) and the buyer identified in block 7 of the solicitation cover sheet (SF 33), block 5 on the Standard Form 26, or block 6 on the DD Form 1155. Indicate end item application (if known) in subject line, along with the NSN and contract number.

(f) Approval of ECPs, VECs and RFDs.

(1) ECPs should be used to make permanent changes in the Government Technical Data Package (TDP). Contractual relief should be requested using a Request for Deviation. This is because the Government requires more time to analyze any proposal to permanently change the specification or TDP. Cost saving improvements to the TDP should be submitted as a VECP, if a VE clause is contained in the contract.

(2) ECPs. TACOM will review and make a decision within the ninety day timeframe. Notification of our decision will be made by the contracting officer or representative.

(3) RFDs. Decision on RFDs will be made within 30 days from the date we receive them from the ACO.

(g) Processing Emergency and Urgent ECPs. Ordinarily, ECPs submitted by the contractor will be deemed routine. If you submit an ECP that you consider to be an emergency or urgent (as defined in paragraph 11 of DDD for ECPs), you must immediately notify the PCO. TACOM will review the criticality of the ECP, and, if we determine that it is urgent or critical, we'll follow the appropriate processing time-frames as outlined in paragraph 11 of the DDD for ECPs.

(h) Reminder - Only the PCO can change the Contract. NO OTHER GOVERNMENT REPRESENTATIVE is authorized to make a commitment for, or bind the Government.

(i) RFDs shall contain sufficient pricing data to determine if a downward equitable adjustment to the contract is required.

(j) Questions.

(1) Questions about preparation and submittal of change request should be directed to the Government Quality Assurance Representative (QAR).

(2) Questions about the status of change requests you've already submitted, contact the buyer. You can find the buyer's name, number and e-mail address in block 7 of the solicitation cover sheet (SF 33), block 5 on the Standard Form 26, or block 6 on the DD Form 1155.

[End of Clause]

23            52.211-4053            REQUIRED TAILORING LANGUAGE TO ELIMINATE CLASS I OZONE-DEPLETING            MAR/2000  
                  (TACOM)                    SUBSTANCES

(a) The purchase description or Technical Data Package (TDP) for this purchase order 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 purchase order, 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

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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: MIL-DTL-53072.

(c) The CIODS listing that contains the required tailoring language is on the TACOM Acquisition Center web-site, which you can reach by using this URL: <http://contracting.tacom.army.mil/ciods.html>

[End of Clause]

24            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 222 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 180 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]

25            52.242-4022            DELIVERY SCHEDULE            MAY/2000  
(TACOM)

(a) The following delivery schedule applies to this procurement:

(1) See the Government's proposed schedule in Section B. Start deliveries 120 days after the date of award. Continue delivering every thirty (30) days, if necessary, until all items are delivered.

(2) You can accelerate delivery: at no additional cost to the Government.

(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 order.

(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 order. The contractor must take into consideration the length of time necessary to deliver its shipment to the destination designated in the order, to ensure that the item reaches its destination by the time reflected in the order.

(b) 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.

ATTENTION: IF YOU DO NOT INSERT A MAXIMUM QUANTITY ABOVE, YOU MAY BE REQUIRED TO DELIVER THE TOTAL QUANTITY ON THIS ORDER IN ONE SHIPMENT.

[End of Clause]

26            52.246-4053            USE OF MIL-STD 1916            JAN/2001  
(TACOM)

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The Government will not accept lots whose samples submitted for acceptance contain nonconformances unless appropriately documented and approved by the contracting officer. The contractor shall use MIL-STD- 1916, DOD Preferred Methods of Acceptance of Product. The Verification Level (VL) shall be VL IV for major characteristics and VL II for minor characteristics. MIL-HDBK-1916 provides guidance on the use of MIL-STD 1916. This handbook is not contractually binding.

[End of Clause]

27 52.204-7 CENTRAL CONTRACTOR REGISTRATION

OCT/2003

(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--

- (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."

(b)

(1) By submission of an offer, the offeror acknowledges the requirement that a prospective awardee shall be registered in the CCR database prior to award, during performance, and through final payment of any contract, basic agreement, basic ordering agreement, or blanket purchasing agreement resulting from this solicitation.

(2) 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 or DUNS+4 number that identifies the offerors name and address exactly as stated in the offer. The DUNS number will be used by the Contracting Officer to verify that the offeror is registered in the CCR database.

(c) 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).

(d) If the Offeror does not become registered in the CCR database in the time prescribed by the Contracting Officer, the Contracting Officer will proceed to award to the next otherwise successful registered Offeror.

(e) Processing time, which normally takes 48 hours, should be taken into consideration when registering. Offerors who are not registered should consider applying for registration immediately upon receipt of this solicitation.

(f) The Contractor is responsible for the accuracy and completeness of the data within the CCR database, and for any liability resulting from the Governments reliance on inaccurate or incomplete data. To remain registered in the CCR database after the initial registration, the Contractor is required to review and update on an annual basis from the date of initial registration or subsequent updates its information in the CCR database to ensure it is current, accurate and complete. Updating information in the CCR does not alter the terms and conditions of this contract and is not a substitute for a properly executed contractual document.

(1)

- (i) If a Contractor has legally changed its business name, doing business as name, or division name (whichever is shown on the contract), or has transferred the assets used in performing the contract, but has not completed the necessary requirements regarding novation and change-of-name agreements in Subpart 42.12, the Contractor shall provide the responsible Contracting Officer a minimum of one business days written notification of its intention

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to:

- (A) Change the name in the CCR database;
- (B) Comply with the requirements of Subpart 42.12 of the FAR;
- (C) Agree in writing to the timeline and procedures specified by the responsible Contracting Officer. The Contractor must provide with the notification sufficient documentation to support the legally changed name.

(ii) If the Contractor fails to comply with the requirements of paragraph (g)(1)(i) of this clause, or fails to perform the agreement at paragraph (g)(1)(i)(C) of this clause, and, in the absence of a properly executed novation or change-of-name agreement, the CCR information that shows the Contractor to be other than the Contractor indicated in the contract will be considered to be incorrect information within the meaning of the Suspension of Payment paragraph of the electronic funds transfer (EFT) clause of this contract.

(2) The Contractor shall not change the name or address for EFT payments or manual payments, as appropriate, in the CCR record to reflect an assignee for the purpose of assignment of claims (see FAR Subpart 32.8, Assignment of Claims). Assignees shall be separately registered in the CCR database. Information provided to the Contractors CCR record that indicates payments, including those made by EFT, to an ultimate recipient other than that Contractor will be considered to be incorrect information within the meaning of the Suspension of payment paragraph of the EFT clause of this contract.

(g) Offerors and Contractors may obtain information on registration and annual confirmation requirements via the Internet at <http://www.ccr.gov/> or by calling 1-888-227-2423, or 269-961-5757.

(End of clause)

28            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.

(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 RECOMMENDATION

<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 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]

29            52.222-22            PREVIOUS CONTRACTS AND COMPLIANCE REPORTS            FEB/1999

The offeror represents that--

- (1) It  has
- has not

participated in a previous contract or subcontract subject to the EQUAL OPPORTUNITY clause of this solicitation;

- (2) It  has
- has not

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filed all required compliance reports; and

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

[End of Provision]

30            52.222-25            AFFIRMATIVE ACTION COMPLIANCE            APR/1984

The offeror represents that

- (1) 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 CFR 60-1 and 60-2), or

(2) 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]

31            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 \_\_\_\_\_ \*--

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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 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 Clause]

32            252.223-7001            HAZARD WARNING LABELS            DEC/1991

(a) Hazardous material, as used in this clause, is defined in the Hazardous Material Identification and Material Safety Data clause of this contract.

(b) The Contractor shall label the item package (unit container) of any hazardous material to be delivered under this contract in accordance with the Hazard Communication Standard (29 CFR 1910.1200 et seq). The Standard requires that the hazard warning label conform to the requirements of the standard unless the material is otherwise subject to the labelling requirements of one of the following statutes:

- (1) Federal Insecticide, Fungicide and Rodenticide Act;
- (2) Federal Food, Drug and Cosmetics Act;
- (3) Consumer Product Safety Act;
- (4) Federal Hazardous Substances Act; or
- (5) Federal Alcohol Administration Act.

(c) The Offeror shall list which hazardous material listed in the Hazardous Material Identification and Material Safety Data clause of this contract will be labelled in accordance with one of the Acts in paragraphs (b)(1) through (5) of this clause instead of the Hazard Communication Standard. Any hazardous material not listed will be interpreted to mean that a label is required in accordance with the Hazard Communication Standard.

MATERIAL (If None, Insert None.)

ACT

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(d) The apparently successful Offeror agrees to submit, before award, a copy of the hazard warning label for all hazardous materials not listed in paragraph (c) of this clause. The Offeror shall submit the label with the Material Safety Data Sheet being furnished under the Hazardous Material Identification and Material Safety Data clause of this contract.

(e) The Contractor shall also comply with MIL-STD-129, Marking for Shipment and Storage (including revisions adopted during the term of this contract).

[End of Clause]



**Name of Offeror or Contractor:**

35 252.225-7037 DUTY-FREE ENTRY--ELIGIBLE END PRODUCTS MAR/1998

(a) Definition. "Eligible end product," as used in this clause, means-

(1) "Designated country end product," "Caribbean Basin country end product," or "NAFTA country end product," as defined in the Trade Agreements clause of this contract;

(2) "NAFTA country end product," as defined in the Buy American Act--North American Free Trade Agreement Implementation Act--Balance of Payments Program clause of this contract; or

(3) "Canadian end product," as defined in Alternate I of the Buy American Act--North American Free Trade Agreement Implementation Act--Balance of Payments Program clause of this contract.

(b) The requirements of this clause apply to this contract and subcontracts, including purchase orders, that involve delivery of eligible end products to be accorded duty-free entry whether placed-

(1) Directly with a foreign concern as a prime contract; or

(2) As a subcontract or purchase order under a contract with a domestic concern.

(c) Except as otherwise approved by the Contracting Officer, no amount is or will be included in the contract price for duty for eligible end products.

(d) The Contractor warrants that-

(1) All eligible end products, for which duty-free entry is to be claimed under this clause, are intended to be delivered to the Government; and

(2) The Contractor will pay any applicable duty to the extent that such eligible end products, or any portion thereof (if not scrap or salvage) are diverted to nongovernmental use, other than as a result of a competitive sale made, directed, or authorized by the Contracting Officer.

(e) The Government agrees to execute duty-free entry certificates and to afford such assistance as appropriate to obtain the duty-free entry of eligible end products for which the shipping documents bear the notation specified in paragraph (f) of this clause, except as the Contractor may otherwise agree.

(f) All shipping documents submitted to Customs, covering eligible end products for which duty-free entry certificates are to be issued under this clause, shall-

(1) Consign the shipments to the appropriate-

(i) Military department in care of the Contractor, including the Contractor's delivery address; or

(ii) Military installation; and

(2) Include the following information-

(i) Prime contract number, and delivery order if applicable;

(ii) Number of the subcontract/purchase order for foreign supplies if applicable;

(iii) Identification of carrier;

(iv)

(A) For direct shipments to a U.S. military installation, the notation: UNITED STATES GOVERNMENT, DEPARTMENT OF DEFENSE Duty-Free Entry to be claimed pursuant to Section XXII, Chapter 98, Subchapter VIII, Item 9808.00.30 of the Harmonized Tariff Schedule of the United States. Upon arrival of shipment at the appropriate port of entry, District Director of Customs, please release shipment under 19 CFR part 142, and notify Commander, Defense Contract Management Command (DCMC) New York, ATTN: Customs Team, DCMDN-GNIC, 207 New York Avenue, Staten Island, New York 10305-5013, for execution of Customs Forms 7501, 7501A, or 7506 and any required duty-free entry certificates.

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(B) In cases where the shipment will be consigned to other than a military installation, e.g., a domestic contractor's plant, the shipping document notation shall be altered to insert the name and address of the contractor, agent or broker who will notify Commander, DCMC, NY, for execution of the duty-free certificate. (Note: In those instances where the shipment will be consigned to a contractor's plant and no duty-free entry certificate is required, the contractor or its agent shall claim duty-free entry under NAFTA or other trade agreement and shall comply with the U.S. Customs Service requirements. No notification to Commander, DCMC, NY, is required.

(v) Gross weight in pounds (if freight is based on space tonnage, state cubic feet in addition to gross shipping weight);

(vi) Estimated value in U.S. dollars; and

(vii) Activity Address Number of the contract administration office actually administering the prime contract, e.g., for DCMC Dayton, S3605A.

(g) Preparation of customs forms.

(1) Except for shipments consigned to a military installation, the Contractor shall prepare, or authorize an agent to prepare, any customs forms required for the entry of eligible end products in connection with DoD contracts into the United States, its possessions, or Puerto Rico. The completed customs forms shall be submitted to the District Director of Customs with a copy to DCMC NY for execution of any required duty-free entry certificates. Shipments consigned directly to a military installation will be released in accordance with 10.101 and 10.102 of the U.S. Customs regulations.

(2) For shipments containing both supplies that are to be accorded duty-free entry and supplies that are not, the Contractor shall identify on the customs forms those items that are eligible for duty-free entry.

(h) The Contractor agrees-

(1) To prepare (if this contract is placed directly with a foreign supplier), or to instruct the foreign supplier to prepare, a sufficient number of copies of the bill of lading (or other shipping document) so that at least two of the copies accompanying the shipment will be available for use by the District Director of Customs at the port of entry;

(2) To consign the shipment as specified in paragraph (f) of this clause; and

(3) To mark the exterior of all package as follows:

(i) "UNITED STATES GOVERNMENT, DEPARTMENT OF DEFENSE;" and

(ii) The activity address number of the contract administration office actually administering the prime contract.

(i) The Contractor agrees to notify the Contracting Officer administering the prime contract in writing of any purchase under the contract of eligible end products to be accorded duty-free entry that are to be imported into the United States for delivery to the Government or for incorporation in end items to be delivered to the Government. The notice shall be furnished to the contract administration office immediately upon award to the supplier of the eligible end products. The notice shall contain-

(1) Prime contractor's name, address, and CAGE code;

(2) Prime contract number, and delivery order number if applicable;

(3) Total dollar value of the prime contract or delivery order;

(4) Expiration date of the prime contract or delivery order;

(5) Foreign supplier's name and address;

(6) Number of the subcontract/purchase order for eligible end products;

(7) Total dollar value of the subcontract for eligible end products;

(8) Expiration date of the subcontract for eligible end products;

(9) List of items purchased;

(10) An agreement by the Contractor that any applicable duty shall be paid by the Contractor to the extent that such eligible

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end products are diverted to nongovernmental use other than as a result of a competitive sale made, directed, or authorized by the Contracting Officer; and

(11) The scheduled delivery date(s).

[End of Clause]

36 252.247-7023 TRANSPORTATION OF SUPPLIES BY SEA (Alternate III dated May 2002) 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

(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

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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;
- (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 insert the substance of this clause, including this paragraph (f) in subcontracts that are for a type of supplies described in paragraph (b)(2) of this clause.

[End of Clause]

37            52.204-4005            REQUIRED USE OF ELECTRONIC CONTRACTING            JUN/2004

(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/clauses that 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://aais.ria.army.mil/AAIS/AWDINFO/index.htm>
- Picatinny: <http://procnet.pica.army.mil/Contracts/Index.htm>

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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\* 2002 Office Products (TACOM can currently read Office 2002\* 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.

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]

38            52.204-4007            OFFEROR'S DATAFAX NUMBER, E-MAIL ADDRESS, AND CAGE CODE            MAY/2000  
(TACOM)

(a) If you have a company data fax number, please provide it on the following line: \_\_\_\_\_

(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 on the following line: \_\_\_\_\_

(c) Provide your CAGE (Contractor And Government Entity) code here: \_\_\_\_\_

[End of Provision]

39            52.204-4009            MANDATORY USE OF CONTRACTOR TO GOVERNMENT ELECTRONIC COMMUNICATION            JUN/1999  
(TACOM)

(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

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

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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]

40 52.211-4008 DRAWING LIMITATIONS  
(TACOM)

NOV/2002

(a) The drawings supplied with this contract are not shop or process drawings. They are engineering design drawings. They are adequate to permit manufacture, and:

- (1) depict the completed (item(s), and
- (2) serve as the basis for inspection of the completed item(s).

(b) These drawings DON'T cover intermediate drawings/specifications or steps in the manufacturing process. As a result, even if you meet all the dimensions and tolerances specified in the engineering design drawing for each individual part, a cumulative unacceptable fit for the contract item could result.

(c) YOU ARE RESPONSIBLE for producing the shop or process drawings needed to cover intermediate steps in the manufacturing process.

(d) The Contractor agrees that he has obtained all specifications and drawings necessary to manufacture the items being solicited in accordance with the TDP including all incorporated specifications and drawings. The contractor is responsible for having all drawings and specifications. Delivery delays are not excusable where the contractor asserts that it did not have a specification or drawing and has failed to request, in writing, the specification from either the Contracting Officer or Contract Specialist prior to the solicitation closing date.

(e) If you fail to produce an end item with a cumulative fit that conforms to Government drawings, specifications or other supplemental manufacturing documentation, you'll be responsible for correcting this condition at no additional cost to the Government and no delivery schedule extension.

[End of Clause]

41 52.211-4016 CARC PAINT-PRETREATMENT REQUIREMENTS FOR FERROUS, GALVANIZED AND  
ALUMINUM SURFACES

AUG/2003

(a) Ferrous and galvanized surfaces shall be cleaned and pretreated with a Type 1 microcrystalline zinc phosphate system per TT-C-490E. Alternate pretreatment systems for ferrous substances must meet the performance tests specified in paragraphs 3.5.7, 3.5.8, 4.2.7, and 4.2.8 of TT-C-490E. Corrosion resistance tests will be conducted on a monthly basis (two test coupons) after the process has been found to be in compliance with the (pretreatment chemicals) manufacturers instructions. Process control tests for this or alternative systems must ensure that the process remains in control and must be documented per ISO 9000 series and approved by TACOM. Testing (corrosion resistance and adhesion) must be performed on the same substrate and the same thickness of primer minus topcoat used in production. Unless otherwise specified, MIL-P-53022 and -53030 primers shall be salt spray tested for 336 hours (ASTM B117). All electrocoat primers shall be tested for 1000 hours. Test coupons shall be scraped at a 30 degree contact angle (approximate), with a one inch (approximate) metal blade such as a putty knife, between 24 and 168 hours after removal from the neutral salt spray cabinet for coupon evaluation. Any TT-C-490E (Type I) inorganic crystalline pretreatment is limited to a maximum build equivalent of 500 mg per square foot to minimize chipping of the CARC system. All TT-C-490E (Type I) zinc phosphate pretreatment systems must be documented per ISO 9000 series and approved by the procuring activity prior to use. The procedure containing all the elements specified in paragraph 3.2 of TT-C-490E shall be submitted to the procuring activity no less than 45 days prior to start of work. Qualification will consist of verification that the process with its controls can meet the performance requirements in the specification. The performance of zinc phosphate or any proposed alternate pretreatment system must be demonstrated and approved by the procuring activity. Prior to production, a Letter of Approval shall be provided by the Contracting Officer. Requalification of the process shall be required if the process is changed outside the limits defined in the TACOM letter of system acceptance (Letter of Approval) provided to the application facility.

Note: Zinc phosphate systems for galvanized surfaces require separate qualification. Hot dipped galvanized surfaces are highly prone to chlorine/chloride contamination from the galvanizing flux process. This contaminant must be removed prior to pretreatment for the coating system to pass these performance tests. Due to the wide variation in zinc thickness with the hot dip galvanizing process, the dry film thickness of the primer will be verified with a Tooke gage or equivalent for the purpose of production and process control. Primer test coupons shall represent both the minimum and maximum nominal dry film thickness. The test coupons must duplicate the production painting process as closely as possible.

**Name of Offeror or Contractor:**

(b) Qualification of pretreatment systems for zinc galvanized substrates shall be performed using Accelerated Corrosion Test protocol contained in GM 9540P, Method B, rather than salt spray. Test coupons with pretreatment and primer only shall be cured for seven days, and then scribed through the primer to the substrate. After 40 cycles of test exposure, the test coupons shall be scraped at a 30 degree contact angle (approximate), with a one inch (approximate) metal blade such as a putty knife, both parallel and perpendicular to the scribe between 24 and 168 hours after removal from the cyclic salt spray chamber for coupon evaluation. There shall be no more than 3 mm of red rust creep, blistering, or loss of paint adhesion from the scribe line and no more than 5 blisters in the field with none greater than 1 mm diameter. This test shall be performed at two month intervals (two test coupons) to ensure that the process remains in control.

(c) Aluminum substrates require a chromate conversion coating per MIL-C-5541E (or alternate, see note below), after appropriate cleaning per TT-C-490E. If any other alternate pretreatment is considered, it must pass 120 cycles of GM9540P, as a scribed Q-panel when coated with the production primer. After completion of the cyclic salt environment exposure, the panels shall be scraped as described above, and shall have no more than 0.5 mm paint loss (creep-back) from the scribe. In addition, there shall be no more than 5 blisters in the field with none larger than 1mm diameter. After completion of the 120 cycle corrosion resistance test evaluation, each test panel will be subjected to cross hatch tape test (ASTM D3359, minimum tape adhesion rating of 45 oz. per inch of width). The test pattern shall be 4 lines x 4 lines scribed to the metallic layer at 2mm intervals (approximate) and shall be done no closer than 12 mm from any panel edge or the scribe. Multiple head cutters may be used. The removal of two or more complete squares of primer shall constitute failure. Any alternate system must demonstrate its ability to pass both corrosion and adhesion tests on 5 consecutive days of production to be considered acceptable. All process steps shall be documented IAW ISO 9000 series standards and approved by the procuring activity.

Note: The only alternative products which have demonstrated their ability to meet these requirements for 5000 and 6000 series aluminum alloys are Alodine 5200 and Alodine 5700.

(d) The use of TT-C-490E Type III: Vinyl Wash Primer (DOD-P-15328) is prohibited due to its hexavalent chromium content and high VOC level. The Army is committed to minimizing the use of HAPs and hazardous materials.

[End of Clause]

42            52.211-4030            SPECIAL TESTING REQUIREMENTS FOR CHEMICAL AGENT RESISTANT COATINGS            MAR/2001  
                   (TACOM)                    (CARC) ON METALLIC SURFACES

(a) Application: MIL-C-46168  
                           MIL-C-53039  
                           MIL-PRF-22750

(b) End-Item Paint Inspection: After the complete paint finish has been applied and cured\* (See \*Note, below), the Contractor shall test and inspect two units per lot for (i) workmanship, (ii) total paint film thickness, and (iii) paint adhesion. Unless otherwise agreed to between the Contractor and the cognizant Government quality assurance representative, a lot shall be defined as all units submitted for final Government acceptance at one time. The use of test panels in lieu of actual production units is prohibited. At final inspection, the cumulative total paint film thickness of pretreatment, primer, and topcoat shall at a minimum conform to the sum of the minimum thicknesses for individual elements of the paint finish as specified in the Film Thickness Table below. Sufficient locations shall be spot-checked to ensure proper workmanship and paint thickness uniformity. The size and configuration of the unit as well as the number of vendors responsible for the paint finish of component parts shall be taken into consideration in determining the number of locations to be checked. The specific number of test locations shall be agreed to by the cognizant Government quality assurance representative in advance. In addition, two locations on each sample unit shall be selected to conduct the scribe tape test. The test locations shall be routinely varied among the following:

- (1) Directly adjacent to a weld
- (2) On or directly adjacent to a machine cut or sheared edge.
- (3) On any mechanically formed surface when lubricants/drawing compounds were used.
- (4) On paint touch-up areas.

(c) The precise location for each scribe tape test shall be in an inconspicuous location that has been accepted by the cognizant Government quality assurance representative before the test is conducted.

(d) Upon completion of the scribe tape test, the scribe marks shall be feathered into the adjacent area and touched up with the required top coat so that the tested area again conforms to the applicable minimum specified in the Film Thickness Table below.

\*Note: The complete paint finish is defined as the pretreatment, primer, and topcoat applied to the substrate. Curing of the complete paint finish is dependent upon temperature, humidity, and paint film thickness. The time necessary to achieve sufficient adhesion to pass the scribe tape test must be determined by each facility. For purposes of this test, curing at ambient temperature will take from 24 days.

**Name of Offeror or Contractor:**(e) Test Methods:

(1) Film Thickness. Film thickness shall be verified with a nondestructive film gage. The gage shall be suitable for measurements over the applicable substrate material and shall have sufficient accuracy to ensure compliance to the thickness limitations. The gage shall be capable of being calibrated. If no other calibration specification or requirement is identified elsewhere in this contract, then the gage shall be calibrated in accordance with ISO 10012.

(2) Scribe Tape Test. The following test procedure shall be followed. The test surface shall be sufficiently warm and dry to ensure adhesion of the tape. All dimensions cited in this Scribe Tape Test description are approximate:

(i) Scribe four one-inch lines completely through the paint finish to the substrate, one sixteenth to three thirty-seconds of an inch apart.

(ii) Scribe four additional one-inch lines, completely through the paint finish, one sixteenth to three thirty-seconds of an inch apart, rotated 90 degrees with respect to the first set of lines. The resulting pattern shall contain nine squares.

(iii) Press a length of A-A-1830, A-A-884, or any commercially available tape with a minimum adhesion rating of 45 oz. per inch of width firmly over the scribed pattern, rubbing out all air pockets.

(iv) Wait 10 seconds, minimum. Grasp a free end of the tape and at a rapid speed strip it from the paint surface by pulling the tape back upon itself at 180 degrees.

(f) Interpretation of Test Results

NOTE: These two tests are not a substitute for corrosion tests such as neutral salt spray or accelerated corrosion tests which verify coating durability.

(1) Film Thickness. All applicable surfaces shall have complete paint coverage. A minimum of 75% of the applicable surfaces of each test unit shall meet the minimum, cumulative dry film thickness requirements. Failure of either test unit shall result in rejection of the production lot that it represents.

FILM THICKNESS TABLE

<u>SPECIFICATION</u>	<u>DRY FILM THICKNESS (Mils)</u>
DOD-P-15328*	0.3 - 0.5
MIL-PRF-23377	1.0 - 1.5
MIL-P-53022	1.0 - 1.5
MIL-PRF-22750	1.3 - 1.7
MIL-P-53030	1.0 - 1.5
MIL-C-46168	1.8 - 3.2
MIL-C-53039	1.8 - 3.2

\*May not be allowed per contract due to VOC and hexavalent chromium content.

(2) Scribe Tape Test (Adhesion). The removal of two or more complete squares of top coat, or top coat-primer-pretreatment coating, from either test unit constitutes test failure and the production lot from which it comes is rejected. Removal of overspray does not constitute test failure.

Notice: The scribe tape test is designed to detect any deficiency in the paint application process that would affect the durability of the CARC finish. Typical causes of failure are:

- (i) Inadequate cleaning of the substrate.
- (ii) Contamination of the surface between coatings.
- (iii) Excessive paint film thickness in a single coating application.

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(iv) Application of a coating over a previous coating which has not been adequately cured.

It is strongly recommended that the Contractor implement rigid in-process controls in conjunction with the best industrial painting practices to ensure that the performance requirements specified in this clause are met.

[End of Clause]

43            52.211-4036            FORMAT OF THE TECHNICAL DATA PACKAGE            APR/2000  
(TACOM)

(a) The TDP for the contract item is available only in electronic format via the TACOM Contracting Webpage (contracting.tacom.army.mil). TACOM-Warren has discontinued its practice of providing hard copies (i.e. CD ROM) of technical data packages (TDPs). You must obtain a copy of the TDP for this solicitation via the TACOM Contracting Webpage. For those TDPs not available via the webpage, the TDP will be issued free of charge in CD-ROM format. The CD-ROM includes the necessary software to access, view, and print individual images that are included in the TDP. The CD-ROM can be read in any personal computer that includes a CD-ROM drive. If your company does not have a personal computer with a CD-ROM drive, you can take the CD-ROM disk to any of various commercial computing or copying/printing service, to have hard copies produced.

(b) TDPs available via the TACOM Contracting Webpage may be purchased in CD ROM format for a fee of \$4.60 each. Requests for CD ROMs and payment should be mailed to:

USATACOM  
AMSTA-CM-CDD (TDP Requests)  
Warren, MI 48397-5000

Make checks payable to the United States Treasury. Points of Contact for this initiative: Diane Woods at (586) 574-7061, and Gloria McCullough at (586) 574-7064.

[End of Provision]

44            52.211-4038            REPRESENTATION OF INTENT TO SUPPLY A SOURCE-CONTROLLED ITEM            APR/1997  
(TACOM)

(a) Acquisition under this contract is restricted to:

(1) The manufacturer's part number or numbers set forth in the Schedule or the Technical Data Package; and

(2) Other manufacturer's part numbers that are physically, functionally, and mechanically interchangeable with the manufacturer's part number(s) listed in the Technical Data Package; provided (i) that these nonlisted part numbers have been furnished to one of the approved manufacturers listed in the Technical Data Package, which firm has then, without making any changes in the characteristics or properties of the part, redesignated that part with one of the approved part numbers; and (ii) that firms tendering a nonlisted part number as described in this paragraph (2) have executed the REPRESENTATION OF INTENT TO SUPPLY A SOURCE-CONTROLLED ITEM located below:

As the quoter, we hereby represent that:

- (1) On (date) \_\_\_\_\_ we manufactured and supplied to (approved manufacturer) \_\_\_\_\_ items to which we have assigned our part number \_\_\_\_\_.  
(Approved manufacturer) \_\_\_\_\_ then redesignated our item with their part number \_\_\_\_\_ without reworking or modifying our item in any way, and without rejecting more than \_\_\_\_\_% of the \_\_\_\_\_ total items we supplied them for failure to conform to specification.
- (2) Our redesignated item is in continued satisfactory use, and the approved manufacturer has furnished us no unresolved report of deficiencies in our item as previously supplied to them, or as currently being produced for them.
- (3) We will supply items to the Government under our part number \_\_\_\_\_ that are identical to items supplied by (approved manufacturer) \_\_\_\_\_ under their part number \_\_\_\_\_.

(b) The drawings in the Technical Data Package for this requirement contain reference notes indicating one or more sources of supply that have previously furnished the items depicted on the drawings. Such notes also specify some sort of approval requirement,

**Name of Offeror or Contractor:**

typically phrased in one of the following ways:

- (1) or equal
- (2) or approved substantial equal
- (3) Ordnance Corps approval required
- (4) Ordnance Corps engineering approval required

(c) With the exceptions described in paragraph (d) below, and in the provision of this solicitation entitled REPRESENTATION OF INTENT TO SUPPLY A SOURCE-CONTROLLED ITEM, the listing of sources of supply on drawings with such approval requirements means that only those listed sources may furnish the items depicted on such drawings. Thus, any offeror responding to this solicitation and not meeting the exception criteria set forth herein will be deemed to have agreed to furnish the contract item from a listed source.

(d)

(1) When the following conditions are met, the Government reserves the right to consider and accept an offer conditioned on a manufacturer's part number not cited in the Technical Data Package. In order to be eligible for such consideration, any firm offering a nonlisted part number must:

(i) have received, prior to receipt of this solicitation written TACOM approval of a test plan on its items, designed to demonstrate that the nonlisted part is physically, functionally, and mechanically interchangeable with the listed part number(s) cited herein;

(ii) indicate in its offer the date of the formal TACOM approval of the test plan, and the name and title of the approving official;

(iii) be in the process of having its nonlisted part number tested by an independent testing facility under the terms of the approved plan, or be awaiting final TACOM engineering approval of the summary report furnished at the conclusion of testing; and

(iv) have secured final written approval of its part from TACOM engineering by the time of bid opening, (in the case of formally advertised acquisitions), or by the time of contract award, (in the case of negotiated acquisitions).

(2) Notwithstanding the foregoing, the Government expressly reserves to the Procuring Contracting Officer the right to waive the above conditions in making an award when it is clearly established, in his sole discretion, that written approval from TACOM engineering can be obtained without delay in the anticipated date of award.

(e) Any firm that cannot comply with conditions in paragraph (d)(1) above upon submission of its offer under this solicitation, but that believes one of its part numbers to be equivalent to the approved part number(s) cited in this solicitation, is invited to begin the qualification procedure to gain approval of such nonlisted part number for purposes of future acquisition action. Please see the provision entitled PART NUMBERS NOT CURRENTLY APPROVED, which is located elsewhere in this Request for Quotation.

[End of Provision]

45	52.211-4047 (TACOM)	NOTICE TO OFFERORS INTENDING TO OFFER OTHER THAN NEW MATERIAL (NEGOTIATED)	APR/2000
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(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

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(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 Clause]

46            52.211-4049            PART NUMBERS NOT CURRENTLY APPROVED            NOV/1983  
(TACOM)

As specified elsewhere in this solicitation, part or all of the contract item to be procured hereunder is restricted to certain approved manufacturer's part numbers as set forth in the Schedule and/or the Technical Data Package. Any firm that produces an item which it believes to be equivalent to one of these approved part numbers is hereby encouraged to have such item tested and approved, so that the item will be eligible to be bought on future acquisitions. Please write to the attention of the buyer at the address indicated on the cover page of this solicitation and request a statement of the procedures by which items can be tested and approved for procurement. Such an enquiry should cite the applicable National Stock Number (NSN), the already approved part number, the part number of the item which the enquirer believes to be identical to our approved item, and a brief statement of the basis on which the new item is believed to be equivalent to our already approved item.

[End of Provision]

47            52.211-4054            PACKING/PACKAGING LEVEL FOR OPTION QUANTITIES            FEB/1994  
(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]

48            52.213-4007            QUOTER REPRESENTATIONS (REQUEST FOR QUOTATIONS)            FEB/1998  
(TACOM)

(a) As part of this quotation, we represent as the quoter that we--

- [ ] Do
- [ ] Do Not

anticipate that any supplies will be transported by sea in the performance of any purchase order resulting from this quotation.

(b) The term supplies is defined in the Transportation of Supplies by Sea clause, in DFARS 252.247-7023 to include all materials and components that, when purchased and transported by sea, are intended for use in items to be sold to the Government under this purchase order.

[End of Clause]

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49 52.213-4859 ELECTRONIC QUOTATIONS REQUIRED IN RESPONSE TO THIS REQUEST FOR SEP/2004  
(TACOM) QUOTATIONS (TACOM)

(a) You must submit your quotation via paperless electronic media (See paragraph (b) below.). Quotations submitted in paper form are unacceptable. Unless paper copies are specifically requested elsewhere in this solicitation, you must submit your electronic quotation, and any supplemental information (such as spreadsheets, backup data, 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 format that includes all formulae, macro and format information. Print image is not acceptable. Executable files, other than self-extracting compressed files, are unacceptable.

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

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

(4) Other electronic formats. Before preparing your quotation in any other electronic format, please e-mail the buyer identified in Block 5(b) of the SF 18 cover sheet, 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 due date for quotations. Failure to e-mail the buyer within this timeframe to seek an alternate format's acceptability may result in non-consideration of your quotation. All alternate methods must be at no cost to the Government.

Note: Self-extracting compressed files are unacceptable. Compressed files or zip files are not acceptable.

(b) Acceptable media: 3 1/2 inch disk, 700 megabyte CD ROM, E-mail, or datafax. You must identify the software application, and version, that you used to create each file submitted. The word "datafax" used in this clause means "facsimile" as defined at FAR 52.215-5.

(1) 3 1/2 INCH DISK, or 700 MEGABYTE CD ROM via U.S. Mail or other carrier. Quoter shall label any and all submitted disks with the solicitation number and due date for quotations, and the quoter's name and address and contact phone number. In the event of multiple submitted quotations, place each quotation/submission on its own disk(s) (one quotation can comprise multiple disks). You must also submit only one quotation per envelope. Submit only one (1) of each disk (no additional copies required).

(2) E-mail. If you choose to use e-mail, ADDRESS YOUR QUOTATION TO THE BUYER identified in Block 5(b) of the SF18 cover sheet. THE SUBJECT LINE OF THE E-MAIL MUST READ "QUOTATION--[Request for Quotation number], [name of Company/offeror], DUE [due date]". Maximum size of each e-mail message shall be three and one-half (3.5) megabytes. Any compressed files must be self-extracting, and you must provide appropriate instructions. You may use multiple e-mail messages for each quotation, 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. Paper faxes are not acceptable. Transmit only one quotation for each datafax transaction. Clearly identify the quotation as such on your fax cover page or via your PC, include your company's name, and state the proper internal TACOM address: the buyer's e-mail address found on the front page of the solicitation. Quoters 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 quotations is three and one-half megabytes (3.5MB), the same limitation as that for e-mail quotations. 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 quotation. For instance, do not submit a quotation via disk AND e-mail.

(c) Security Note: If you choose to password-protect access to your quotation, 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.

(d) Electronic quotations should include, as a minimum:

(1) The SF18 cover sheet filled out, or equivalent information.

(2) All applicable fill-in provisions, filled in. You may find Word versions of these 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 quote. See the solicitation for which provisions are required.



**Name of Offeror or Contractor:**

Subcontractor's Plant: \_\_\_\_\_  
(Name and Address)

[End of Clause]

54            52.246-4025            HIGHER-LEVEL CONTRACT QUALITY REQUIREMENT -- TACOM QUALITY SYSTEM            MAR/2000  
(TACOM)            REQUIREMENT

(a) This solicitation will result in a purchase order that will require the contractor to use a quality-assurance system to ensure the quality of the purchased items.

(b) To allow TACOM to analyze your proposed quality system, especially if that system is not based on a national or international standard, you must identify your system as part of your response to this solicitation. Paragraph f (below) asks you to identify what quality-assurance system you will use.

(1) If you indicate that your quality system conforms to one of the ISO 9000-series standards, or to QS 9000, or to ANSI/ASQ 9001 or 9002, this is a sufficient description: you need not further describe your quality system in your response to the solicitation.

(2) If your quality system does not conform to any of the standards listed in (b)(1) immediately above, then in addition to identifying the name of the quality system you intend to use, you also must provide a description of your proposed system, in enough detail to let us assess its suitability for use in performing the resulting order. This is of particular importance if your proposed system is unique, using quality control methods and techniques that your company has developed in-house. (Note, however, that if the quality system you intend to use is one that conforms to MIL-Q-9858, MIL-I-45208, or another comparable military specification or standard, you don't need to send us a copy of the standard: just identify which standard you intend to use).

(3) If you provide a description of your quality system, make sure that your description covers how your system:  
--achieves defect prevention, and  
--provides process control, and  
--ensures adequate quality controls throughout all areas of performance.

If some of the features of your system are described in other forms (brochures, for example, or articles), you may attach a copy of such items to your response to this solicitation. If your system is described in a textbook or publication that is available from a commercial or academic distributor, include a reference to the publication by author, title, copyright date, and publisher in your system description. You need not physically attach a copy of a textbook to your offer.

(c) If you already described your quality system as an attachment to another TACOM solicitation within the previous 90 days, you can either send us another copy, or simply identify the number of the previous solicitation.

(d) If you do not provide us a description of your quality system, or if the description you send does not show all of the required features as stated in paragraph (b) above, your offer may be ineligible for award.

(e) As the contractor, you shall implement and maintain a quality system that ensures the functional and physical conformity of all products or services you furnish under this contract. Your quality system shall achieve (i) defect prevention and (ii) process control, providing adequate quality controls throughout all areas of performance.

(f) Your quality system may be based on (i) international quality standards such as the ISO 9000 series, or (ii) military, or (iii) commercial, or (iv) national quality standards. You represent that your performance under this contract will be in accordance with your quality system, which is in compliance with:

- ISO 9001
- ISO 9002
- QS 9000
- ANSI/ASQ Q9001
- ANSI/ASQ Q9001
- Other, specifically \_\_\_\_\_

(Note: if you check the other block because you intend to use an in-house quality system, or one based on a commercial, national, or international system not identified above, then in addition to identifying your proposed system in the space above, to the right of the word other, you must attach a description of this system to your offer in response to the solicitation, so that we can assess its suitability. If you receive an award, your proposed system will be required.)

(g) Certification of compliance or registration of the quality system you identify above, by an independent standards organization or auditor, does not need to be furnished to us under this contract. However, you may attach a copy of such certification with your

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offer in response to the solicitation, as proof of system compliance.

(h) At any point during performance, we have the right to review your quality system to assess its effectiveness in meeting requirements.

[End of Clause]

55            52.246-4026            LOCAL ADDRESS 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

(2) Our second preference is for you to use data facsimile (datafax) transmission, using this fax number: (586) 574-5527 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://www.dtic.mil/whs/directives/infomgt/forms/forminfo/forminfoformpage2126.html>

[End of Clause]

56            52.247-4005            SHIPMENT OF SUPPLIES AND DETENTION OF CARRIER'S EQUIPMENT            AUG/2003  
(TACOM)

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

- (1) Government/Commercial Bills 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]

57            52.247-4010            TRANSPORTATION DATA FOR FOB ORIGIN OFFERS            FEB/1994  
(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:

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(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]

58      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]

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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>
Attachment 001	TDP ON THE WEB			