

19. Item No.	20. Schedule Of Supplies/Services	21. Quantity	22. Unit	23. Unit Price	24. Amount

32a. Quantity In Column 21 Has Been

Received Inspected Accepted, And Conforms To The Contract, Except As Noted: _____

32b. Signature Of Authorized Government Representative		32c. Date	32d. Printed Name and Title of Authorized Government Representative			
32e. Mailing Address of Authorized Government Representative			32f. Telephone Number of Authorized Government Representative			
			32g. E-Mail of Authorized Government Representative			
33. Ship Number		34. Voucher Number	35. Amount Verified Correct For	36. Payment		37. Check Number
<input type="checkbox"/> Partial	<input type="checkbox"/> Final			<input type="checkbox"/> Complete <input type="checkbox"/> Partial <input type="checkbox"/> Final		
38. S/R Account No.	39. S/R Voucher Number	40. Paid By				
41a. I Certify This Account Is Correct And Proper For Payment			42a. Received By (Print)			
41b. Signature And Title Of Certifying Officer		41c. Date	42b. Received At (Location)			
			42c. Date Rec'd (YY/MM/DD)	42d. Total Containers		

Name of Offeror or Contractor:

SUPPLEMENTAL INFORMATION

Buyer Name: STEPHANIE THOM
 Buyer Office Symbol/Telephone Number: CCTA-ADT-C/(586)282-7405
 Type of Contract: Firm Fixed Price
 Kind of Contract: Service Contracts
 Weapon System: No Identified Army Weapons Systems

*** End of Narrative A0000 ***

A.1 Administrative Summary

Under the authority of FAR 16.202, the U.S. Army Contracting Command Warren (ACC-Warren) intends to negotiate and award a one-time, Firm-Fixed Price type contract for the Computer Aided Design (CAD) Model Optimization of the M45 Medium Faceblank Injection Mold.

A.1.1 UNIQUE ASPECTS OF THIS SOLICITATION:

1. This solicitation, W56HZV-13-T-0024, is for a Firm-Fixed Price contract.
2. This solicitation is being procured on an Other than Full and Open Competitive basis from Product Development & Analysis LLC (PDA), based on FAR 6.302-1, Only One Responsible Source. Therefore, this subject request for quote is restricted to PDA, Cage Code: 4C5H6, 1776 Legacy Circle Suite 115, Naperville, Illinois 60563-1673.
3. This solicitation includes a Statement of Work (SOW) in Section C, which fully explains the requirement.

A.1.2 NOTICE REGARDING FILL-INS: Please note that this solicitation contains several clauses and provisions that require you to complete a fill-in or representation. If you do not complete these fill-ins, your offer may be determined ineligible for award. Please carefully read and complete each such clause and provision.

A.1.3 NOTICE REGARDING CAGE CODES: DFARS provision 252.204-7001 requires you to include your commercial and Government Entity (CAGE) Code in Block 17a on page one of this solicitation, along with your name and address. If it will not fit in the space provided in Block 17a please insert it here:

A.1.4 REQUIRED COPIES IN RESPONSE TO THIS SOLICITATION: To be considered for award, you must return one signed original of your offer, completed and properly executed, by the time and date shown in Block 8 of the SF 1449.

A.1.5 QUESTIONS/PROBLEM RESOLUTION: Routine questions regarding this solicitation should be directed to the buyer identified in Block 7A of the SF 1449. If you have more serious concerns, please seek resolution with the Contracting Officer. Additional sources of information can be found in the following provisions: ARMY CONTRACTING COMMAND-WARREN (DTA) OMBUSPERSON, and HQ AMC-LEVEL PROTEST PROCEDURES.

A.1.6 INCONSISTENCIES BETWEEN THE EXECUTIVE SUMMARY AND THE SOLICITATION: This administrative summary has been prepared as an aid to you, the potential offeror. We have made every attempt to accurately reflect the requirements and information contained in the balance of this solicitation. However, if you find any inconsistency between this administrative summary and the solicitation, please contact the buyer identified in Block 7A of the SF 1449.

*** END OF NARRATIVE A0001 ***

<u>Regulatory Cite</u>	<u>Title</u>	<u>Date</u>
1 52.204-4016	WARREN ELECTRONIC CONTRACTING	MAR/2013

(a) All Army Contracting Command - Warren (DTA) solicitations and awards are distributed on the Army Contracting Command - Warren Procurement Network (ProcNet) Business Opportunities website (<http://contracting.tacom.army.mil/opportunity.htm>) and are no longer available in hard copy. The Technical Data Packages (TDPs) and other documents, when available electronically, will be attachments or links to the solicitation package on ProcNet.

(b) You may need to use special software to view documents that we post on ProcNet. This viewing software is freeware, available for download at no cost from commercial websites like Microsoft and Adobe. In cases where such software is required, we provide a link from

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

Page 3 of 52

PIIN/SIIN W56HZV-13-T-0024

MOD/AMD

Name of Offeror or Contractor:

ProcNet to the commercial site where the software is available. Once you arrive at the software developer's site, follow its instructions to download the free viewer. You can then return to the ProcNet.

(c) Unless directed to do otherwise in Section L of this solicitation, you are required to submit your offer, bid, or quote electronically, via the Army Single Face to Industry (ASFI) Online Bid Response System (BRS). For detailed information about submitting your offer electronically, please see <http://contracting.tacom.army.mil/acqinfo/ebidnotice.htm>.

(d) Requirements for the online ASFI bid submission:

(1) You must be registered in the System for Award Management (SAM) at www.sam.gov (a Federal Government owned and operated free web site) and have a CAGE Code and CCR Marketing Partner Identification Number (MPIN).

(2) If you found the solicitation on ProcNet, use the following link to the Start Bid Page on the ASFI BRS website for this solicitation:

https://acquisition.army.mil/asfi/solicitation_view.cfm?psolicitationnbr=w56hzv13t0024

(3) If you found the solicitation by searching on ASFI, you can start the online bidding process by using the Start Bid button on the ASFI Solicitation View page. You may also access the ASFI BRS by going to <https://acquisition.army.mil/asfi/> and clicking on the Contracting Opportunities Search to find the solicitation.

(4) Once in the ASFI BRS, you will be asked to enter basic information and will then be directed to upload one or more files containing your offer and information required by the solicitation.

(5) You will receive a confirmation of your bid upon completion of the bid submission process.

(6) You can find detailed BRS user instructions on the ASFI website at https://acquisition.army.mil/asfi/BRS_guide.doc.

(e) Note to offerors:

Your attention is called to the solicitation closing date and time as stated on the cover page of this solicitation, local time for the Army Contracting Command - Warren (DTA), Michigan. In accordance with FAR 15.208(a), offerors are responsible for submitting proposals, and any revisions, and modifications, so as to be received by the Government office designated in the solicitation by the time specified.

It is the offeror's responsibility to assure their proposal is received by the date and time specified on the cover page of this solicitation. In accordance with FAR 15.208, if your proposal was not received at the initial point of entry to the Government infrastructure (in this case, received through ASFI) by the exact date and time specified on the cover page of this solicitation, it will be determined late. Proposal, as the term is used here, means ALL volumes and/or parts of the proposal.

Note: There is no "expected" or "target" length of time for proposal submission; size and content may be factors, therefore offerors are strongly cautioned to submit their proposals allowing adequate time for submission.

Solicitations may remain posted on the AFSI Open Solicitation Web page after the solicitation closes. Even though the system will allow you to submit a proposal after the closing date/time, your proposal will be considered late and may not be considered for award. If you are responding to a Request for Proposal, your offer will not be considered if it is submitted after the closing date and time unless one of the exceptions is met at FAR 15.208(b). If you are responding to a Request for Quotation, your quote may be considered if it is received after the closing date, and it will not unduly delay award.

(f) Any award issued as a result of this solicitation will be distributed electronically. Awards posted on ProcNet 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 to submit an offer, notify the contracting officer 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.

(g) If you have questions or need help using ProcNet, call our E-commerce Contracting Help Desk at (586) 282-7059, or send an email to usarmy.detroit.acc.mbx.wrn-web-page-request@mail.mil. If you have questions about the content of any specific item posted on the ProcNet, please call the contract specialist or point of contact listed for the item. For technical assistance in doing business with the Government, and doing business electronically, please visit the Procurement Technical Assistance Center website at <http://www.dla.mil/SmallBusiness/Pages/ProcurementTechnicalAssistanceCenters.aspx> to find a location near you.

End of Provision

Name of Offeror or Contractor:

2 52.201-4000 ARMY CONTRACTING COMMAND-WARREN (DTA) OMBUDSPERSON APR/2011

Information regarding the Ombudsperson for this contract is located at the following website:
<http://contracting.tacom.army.mil/acqinfo/ombudsperson.htm>

[End of Provision]

3 52.212-4003 ALL OR NONE--COMMERCIAL ITEM ACQUISITION SEP/1996
(TACOM)

This provision serves as an addendum that modifies paragraph (h) of FAR 52.212-1, entitled INSTRUCTIONS TO OFFERORS--COMMERCIAL ITEMS. Paragraph (h) is modified to say that you must offer to provide the total quantity of the items in this solicitation. ONLY ONE AWARD WILL BE MADE AS A RESULT OF THIS SOLICITATION. OFFERS SUBMITTED FOR LESS THAN THE TOTAL QUANTITIES OF ALL THE ITEMS IN THIS SOLICITATION WILL NOT BE CONSIDERED FOR AWARD.

[End of Clause]

4 52.214-4000 ACKNOWLEDGMENT OF AMENDMENTS OCT/1993

Acknowledge all the amendments you've received from us by identifying the amendment number and its issue date in the box below:

:	:	:
:	: <u>Amendment Number</u>	: <u>Date</u>
:	:	:
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[End of Provision]

5 52.227-4500 DISTRIBUTION AND DESTRUCTION OF EXPORT CONTROL TECHNICAL DATA PACKAGE JUL/2012
(WARREN)

This solicitation and resulting contract contains technical data whose export is restricted by the Arms Export Control Act (Title 22, U.S.C., Sec 2751, et. seq.) or the Export Administration Act of 1979, as amended, Title 50, U.S.C, App. 2401 et. seq. Violations of these export laws are subject to severe criminal penalties. Disseminate in accordance with provisions of DoD Directive 5230.25. This also applies to distribution of the TDP to all SUBCONTRACTORS at every level.

To be eligible to gain access to this export controlled TDP (via FedBizOpps or CD) you must have a current DD 2345, Militarily Critical Technical Data Agreement certification on file with the Defense Logistics Information Service (DLIS). To obtain certification, go to *HYPERLINK "<http://www.dlis.dla.mil/jcp/>"<http://www.dlis.dla.mil/jcp/>, click on documents, and follow instructions provided. See Section C 52.211-4072 Technical Data Package Information for estimated certification time. Upon receipt of certification, you may request the TDP in accordance with the instructions stated in the solicitation's Section C.

Upon completion of the purposes for which Government Technical Data has been provided, you, your subcontractors, all your vendors and all sub-vendors, are required to destroy all documents, including all reproductions, duplications, or copies thereof as may have been further distributed from you.

Destruction of this technical data shall be accomplished by: shredding, pulping, burning, or melting any physical copies of the TDP (or CD) and/or deletion or removal of downloaded TDP files from computer drives and electronic devices, and any copies of those files.

[End of clause]

CONTINUATION SHEET

Reference No. of Document Being Continued

Page 5 of 52

PIIN/SIIN W56HZV-13-T-0024

MOD/AMD

Name of Offeror or Contractor:

Name of Offeror or Contractor:

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT						
	SUPPLIES OR SERVICES AND PRICES/COSTS										
0001	M45 CAD MODEL OPTIMIZATION										
0001AA	<p><u>SERVICE LINE ITEM - M45 MED FB CAD MODEL OPTIMIZATION</u></p> <p>GENERIC NAME DESCRIPTION: M45 CAD MODEL OPTIMIZATION PRON: EH2AW010EH PRON AMD: 01</p> <p>See Deliveries and Performance Narrative in Section F for specific period of performance completion dates.</p> <p>(End of narrative B001)</p> <p><u>Inspection and Acceptance</u> INSPECTION: Destination ACCEPTANCE: Destination</p> <p><u>Deliveries or Performance</u></p> <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>1</td> <td>0135</td> </tr> </table> <p>\$</p>	<u>DEL REL CD</u>	<u>QUANTITY</u>	<u>DAYS AFTER AWARD</u>	001	1	0135	1	LO	\$ _____	\$ _____
<u>DEL REL CD</u>	<u>QUANTITY</u>	<u>DAYS AFTER AWARD</u>									
001	1	0135									
0002	<u>CONTRACT DATA REQUIREMENTS LIST (EXHIBIT A)</u>										
A001	<p><u>SIMULATED PART NATIVE SOLIDWORKS FILE</u></p> <p>This ELIN is in accordance with CDRL, DD FORM 1423, Data Item Number A001.</p> <p>(End of narrative B001)</p> <p><u>Inspection and Acceptance</u> INSPECTION: Destination ACCEPTANCE: Destination</p> <p><u>Deliveries or Performance</u></p> <table border="0"> <tr> <td><u>DLVR SCH</u></td> <td><u>PERF COMPL</u></td> </tr> <tr> <td><u>REL CD</u></td> <td><u>DATE</u></td> </tr> <tr> <td>001</td> <td>1 SEE DD FORM 1423</td> </tr> </table>	<u>DLVR SCH</u>	<u>PERF COMPL</u>	<u>REL CD</u>	<u>DATE</u>	001	1 SEE DD FORM 1423	1	LO	\$ _____	\$ _____ ** NSP **
<u>DLVR SCH</u>	<u>PERF COMPL</u>										
<u>REL CD</u>	<u>DATE</u>										
001	1 SEE DD FORM 1423										

Name of Offeror or Contractor:

DESCRIPTION/SPECIFICATIONS/WORK STATEMENT

C.1 Scope

C.1.1 This Statement of Work (SOW) covers contractor services for the performance of optimizing the M45 Medium Faceblank Injection Mold 3 Dimensional Computer Aided Design (CAD) Model Database.

C.2 Background

C.2.1 The U.S. Army TACOM LCMC ILSCs Individual Protection Team manages the sustainment of the M45 Protective Mask program. The M45 Protective Mask is a critical safety item used across the services in the Department of Defense. It provides respiratory, eye, and face protection against chemical and biological agents, radioactive fallout particles, and battlefield contaminants, without the aid of forced ventilation air. This effort is for the optimization of the M45 Medium Faceblank Injection Mold 3 Dimensional CAD Model Database (CAD Model Database), using an existing Government owned QA Mold and 2D drawings for references. The Faceblank is made of silicone rubber and is used in the production of the Faceblank assembly and the end item mask.

C.3 Applicable Documents. The work required by this contract shall be performed in accordance with Technical Data Parts List (TDPL) 5-1-2813 and this SOW. The following documents are applicable to this SOW:

C.3.1 M45 Medium Faceblank Injection Mold 3 Dimensional Computer Aided Design Model Database (.sldasm)

C.3.2 TDPL 5-1-2813, M45 Medium Faceblank; Part number: 5-1-2813, TDPL number: 20120827, dated 08/22/2012

C.3.3 MIL-STD-3022

C.3.4 MIL-STD-31000

C.3.5 QA Mold

C.4 Performance Objectives

C.4.1 The contractor, as an independent contractor, and not as an agent of the Government, shall provide the necessary services, personnel, labor, hardware, software, licenses, facilities, materials, supplies, and equipment to perform the requirements set forth in this SOW.

C.4.2 The objective of this SOW is to obtain contractor support to optimize the CAD Model Database. The contractor shall optimize the existing Government furnished CAD Model Database (reference Section C.3.1) to include all details in the Technical Data Package as well as the existing QA mold. The resultant optimized database shall be suitable for fabrication of a production-grade mold that yields silicone rubber parts that conform to the Faceblank Technical Data Package.

C.5 Requirements

C.5.1 Utilize Modeling and Simulation to optimize the Government furnished M45 Medium Faceblank Injection Mold 3 Dimensional Computer Aided Design Model Database.

C.5.1.1 The contractor shall capture the topography of the Government furnished QA Mold and compare the measurements with the existing CAD 3D model and 2D drawing. Based on the data; the contractor shall determine and finalize the 3D model, keeping in mind the uniform wall thickness as a part of the requirement for these masks in production. The contractor shall highlight the differences between the QA mold cavity (male and female surfaces), 3D CAD Model Database, and 2D drawing critical dimensions and sections, along with recommended changes for the optimized configuration within the final report and presentation in accordance with (IAW) CDRL Data Item #A003.

C.5.1.2 The contractor shall use SolidWorks and SimpoeWorks software to optimize the CAD Model Database. The contractor shall use SolidWorks to set-up simulation parameters, (based on the Momentive 50sl208 rubber material formulation), in conjunction with SimpoeWorks to run rubber injection simulations, by which simulated parts will be produced. Verification of the optimized CAD Model Database shall be demonstrated by the simulated parts conforming to the requirements of the technical data package (reference Section C.3.2) and the requirements of this SOW. The contractor shall provide the CAD Model Database (.sldprt file) of the final simulated part and all modeling, simulation parameters, and results needed to achieve the optimized database in accordance with (IAW) CDRL Data Item # A001 and MIL-STD-31000.

C.5.2 Optimized M45 Medium Faceblank Injection Mold 3 Dimensional Computer Aided Design Model Database.

C.5.2.1 The contractor shall use SimpoeWorks and SolidWorks software to perform Injection Simulation and Modeling to optimize the CAD Model Database to an operational 3D electronic solid model assembly, suitable for the solicitation and fabrication of a production-grade silicone rubber vertical injection mold using the best manufacturing practice data for the injection pressure, in-gate

CONTINUATION SHEET	Reference No. of Document Being Continued PIIN/SIIN W56HZV-13-T-0024	Page 11 of 52 MOD/AMD
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Name of Offeror or Contractor:

velocity, temperature, time, mold preheating temperature and other relevant process data. It shall be adaptable to interface with industry-standard rubber injection equipment, and shall consistently yield faceblanks that conform to the TDP, with a target duty cycle of 100 kilocycles (100,000 cycles), IAW CDRL Data Item # A002.

C.5.3 Final Report and Presentation of the M45 Medium Faceblank Injection Mold 3 Dimensional Computer Aided Design Model Optimization.

C.5.3.1 The contractor shall prepare a final report and presentation of the CAD Model Database Optimization IAW CDRL Data Item # A003.

C.5.3.2 The contractor shall provide a rapid prototype, full scale replica of the simulated part file fabricated from an elastomeric material with a modulus of elasticity similar to that of Momentive 50s1208.

C.6 Meetings. The contractor shall participate in meetings regarding the conduct of all activities related to the execution of this SOW.

C.6.1 Start of Work Meeting. The contractor shall conduct a one (1) day start of work meeting at the contractors facility, mutually acceptable location, or VIA Video Teleconference within thirty (30) calendar days of the award of this contract. The contractor shall coordinate with the COR to schedule a specific date, time, and location of the meeting. The COR and Contract Specialist shall be given at least fourteen (14) days advance notice of the time, date, and location of the start of work meeting. The preferred method of notification is by email. The contractor shall discuss each section outlined in this SOW and record all meeting minutes IAW CDRL # A004.

C.6.2 Review Meetings. Review meetings shall be conducted bi-weekly during performance of this SOW. The contractor shall coordinate with the COR to schedule specific dates and times of the meeting. The meetings will be conducted via teleconference.

C.6.3 Final Review Meeting. The contractor shall initiate, plan, and coordinate with the COR to schedule a specific date and time of the final meeting. The final meeting shall be held at a mutually agreeable location or VIA Video Teleconference no less than one (1) week prior to the delivery date stated in the contract. The contractor shall present the results of the CAD Model Database optimization project to the Government. The emphasis of the meeting will be to summarize the results and findings of the optimization. After the final review meeting, the COR intends to accept the results of the optimized CAD Model Database, so long as the requirements within the SOW and contract are fulfilled.

C.7 Deliverables

C.7.1 Native Simulated Part SolidWorks File. The contractor shall deliver the native SolidWorks file of the final simulated part, all modeling, simulation parameters, and results needed to achieve the optimized CAD Model Database, IAW Section C.5.1.2 and CDRL Data Item # A001.

C.7.2 Optimized 3D CAD Model. The contractor shall prepare and deliver a completed CAD Model of the Medium Faceblank production tool in SolidWorks, IAW Section C.5.2.1 CDRL Data Item # A002.

C.7.3 Final Modeling and Simulation Report and Presentation. The contractor shall prepare and deliver a written final report and PowerPoint presentation of the results and outcome of the CAD Model Database optimization project, IAW Section C.5.3.1, CDRL Data Item # A003, and MIL-STD 3022. The final report shall include a table comparing the final simulated part attributes to the TDPL requirements, along with all modeling, simulation parameters to include but not limited to: melt temperature, mold temperature, injection temperature, glass temperature, heat conductivity, specific heat, Youngs Modulus, Poisson Ratio and coefficient of thermal expansion.

C.7.4 Visual Aid. The contractor shall provide a rapid prototype, full scale replica of the simulated part file fabricated from an elastomeric material with a modulus of elasticity similar to that of Momentive 50s1208.

C.7.5 Meeting Minutes The contractor shall submit minutes for the Start of Work meeting and any other meetings and teleconferences contributing to the achievement of this contract. The contractor shall prepare and deliver a Meeting Minutes Report, IAW CDRL Data Item # A004.

*** END OF NARRATIVE C0001 ***

6 52.204-4003 START OF WORK MEETING MAY/2000
(TACOM)

The contractor shall host a start of work meeting at its facility, unless some other location is designated in the contract, within 30 days after contract award. The contractor shall at a minimum invite the Contracting Officer's Representative (COR) identified in

Name of Offeror or Contractor:

individuals MUST be registered in Federal Business Opportunities (FBO). Any individuals no longer with the company should be deleted. Questions related to registration in FBO should be directed to ://www.fbo.gov/index The FBO helpdesk phone number is (866) 606-8220. Vendors are responsible for placing correct information in FBO.

g. It is strongly suggested that you submit the explicit access request and provide the buyer with the completed Use and Non-Disclosure Agreement at the same time if the solicitation requires both to gain access to view the TDP.

h. A user guide for FBO can be found at ://www.fbo.gov - on the right is User Guides - click on Vendor.

[End of clause]

9 52.237-4000 CONTRACTOR MANPOWER REPORTING (CMR) FEB/2013
(TACOM)

The Office of the Assistant Secretary of the Army (Manpower & Reserve Affairs) operates and maintains a secure Army data collection site where the contractor will report ALL contractor labor hours (including subcontractor labor hours) required for performance of services provided under this contract via secure data collection site. The contractor is required to completely fill in all required data fields in the format using the following web address: <https://cmra.army.mil> . The required information includes the following:

- (1) Contracting Office, Contracting Officer, Contracting Officer's Technical Representative;
- (2) Contract number, including task and delivery order number;
- (3) Beginning and ending dates covered by reporting period;
- (4) Contractor name, address, phone number, e-mail address, identity of contractor employee entering data;
- (5) Direct labor hours (including sub-contractors);
- (6) Direct labor dollars paid this reporting period (including sub-contractors);
- (7) Total payments (including sub-contractors);
- (8) Predominant Federal Service Code (FSC) reflecting services provided by contractor (and separate predominant FSC for each sub-contractor if different);
- (9) Data collection cost;
- (10) Organizational title associated with the Unit Identification Code (UIC) for the Army Requiring Activity (the Army Requiring Activity is responsible for providing the contractor with its UIC for the purposes of reporting this information);
- (11) Locations where contractor and sub-contractors perform the work (specified by zip code in the United States and nearest city, country, when in an overseas location, using standardized nomenclature provided on website);
- (12) Presence of deployment or contingency contract language; and
- (13) Number of contractor and sub-contractor employees deployed in theater this reporting period (by country).

Reporting inputs will be for the labor executed during the period of performance during each Government fiscal year (FY), which runs October 1 through September30. While inputs may be reported any time during the FY, all data shall be reported no later than October 31 of each calendar year, beginning with 2013. Contractors may direct questions to the help desk at : <https://cmra.army.mil>.

End of Clause]

10 52.248-4502 CONFIGURATION MANAGEMENT DOCUMENTATION MAY/2013
TACOM
(RI)/ECBC

a. The contractor may submit Engineering Change Proposals (ECPs), Value Engineering Change Proposals (VECPs) (Code V shall be assigned to an engineering change that will affect a net life cycle cost), Notices of Revision (NORs), and Requests for Variance (RFVs) for the documents in this Technical Data Package (TDP). The contractor shall prepare these documents as required by the accompanying DD Form 1423, Contract Data Requirements List (CDRL).

b. Any contractor seeking to permanently depart from a requirement as spelled out in the TDP or any other baseline documentation under Government control, may propose to do so by submitting an ECP or VECP in accordance with (IAW) 5.5.3 of MIL-

CONTINUATION SHEET	Reference No. of Document Being Continued	Page 14 of 52
	PIIN/SIIN W56HZV-13-T-0024	MOD/AMD

Name of Offeror or Contractor:

STD-3046. Both ECPs and VECPs shall be submitted to include NORs IAW 5.5.4 of MIL-STD-3046. The contractor shall not present any units incorporating any change to Government documentation until notified by the Government that the ECP or VECP has been approved and has been incorporated in the contract.

c. Any contractor seeking to temporarily depart from a requirement as spelled out in the TDP or any other baseline documentation under Government control, may request to do so by submitting an RFV IAW 5.5.8 of MIL-STD-3046. The contractor shall not present any units incorporating any variance to Government documentation until notified by the Government that the RFV has been approved and has been incorporated in the contract.

(d) If the Government receives the same or substantially the same VECPs from two or more contractors, the contractor whose VECP is received first will be entitled to share with the Government in all instant, concurrent, future, and collateral savings.

(e) Duplicate VECPs, which are received subsequently, will be returned to the contractor(s) without formal evaluation, regardless of whether or not the first VECP has been approved and accepted by the Government.

(End of clause)

PACKAGING AND MARKING

D. PACKAGING AND MARKING REQUIREMENTS

D.1. Packaging & Packing

D.1.1 The contractor shall package and pack all items, deliverable under this contract, in accordance with TACOM Clause 52.211-4503 Packaging Requirements (Commercial) to ensure arrival at destination without damage or loss.

D.2 Marking

D.2.1 Mark all deliverables with the following Distribution Statements:

1. Technical Data: All technical data deliverables shall be marked with Distribution Statement X as follows:

DISTRIBUTION STATEMENT X. Distribution authorized to US Government Agencies and private individuals or enterprises eligible to obtain export controlled technical data in accordance with DoD Directive 5230.25 (date of determination).

Controlling DOD office is CDR RDECOM, ATTN: RDCB-DEP-I, APG, MD 21010-5424.

Destruction Notice - Destroy by any method that will prevent disclosure of contents or reconstruction of the document.

WARNING This document contains technical data whose export is restricted by the Arms Export Control Act (Title 22, U.S.C., Sec 2751, et. seq.) or the Export Administration Act of 1979, as amended, Title 50 U.S.C., App. 2401 et. seq. Violations of these export laws are subject to severe criminal penalties. Disseminate in accordance with provisions of DoD Directive 5230.25.

2. Technical Reports: All technical report deliverables shall be marked with Distribution Statement B as follows:

DISTRIBUTION STATEMENT B. Distribution authorized to U.S. Government Agencies only due to administrative or operational use on (date of determination). Other requests for this document shall be referred to CDR RDECOM, ATTN: RDCB-DEP-I, APG, MD 21010-5424.

D.2.2 Materials Marking: The contractor shall ensure that all technical material, deliverable under this contract, is identified by:

1. CONTRACT NUMBER
2. CONTRACTOR'S NAME
3. CONTRACTOR'S ADDRESS
4. POINT OF CONTACT WITH CONTACT INFORMATION (EMAIL/PHONE)

*** END OF NARRATIVE D0001 ***

11 52.211-4503 PACKAGING REQUIREMENTS (COMMERCIAL) DEC/2007
TACOM (RI)

The preservation, packing, and marking requirements for the item identified above shall be accomplished in accordance with the performance requirements defined herein.

The following Packaging requirements shall apply:

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

Page 15 of 52

PIIN/SIIN W56HZV-13-T-0024

MOD/AMD

Name of Offeror or Contractor:

Preservation: COMMERCIAL
Level of Packing: COMMERCIAL
Quantity Per Unit Package: 001

1. Packaging - Preservation, packaging, packing, unitization and marking furnished by the supplier shall provide protection for a minimum of one year, provide for multiple handling, redistribution and shipment by any mode and meet or exceed the following requirements.

1.1 Cleanliness - Items shall be free of dirt and other contaminants which would contribute to the deterioration of the item or which would require cleaning by the customer prior to use. Coatings and preservatives applied to the item for protection are not considered contaminants.

1.2 Preservation - Items susceptible to corrosion or deterioration shall be provided protection by means of preservative coatings, volatile corrosion inhibitors, desiccants, waterproof and/or watervaporproof barriers.

1.3 Cushioning - Items requiring protection from physical and mechanical damage (e.g. fragile, sensitive, material critical) or which could cause physical damage to other items, shall be protected by wrapping, cushioning, pack compartmentalization, or other means to mitigate shock and vibration to prevent damage during handling and shipment.

2. Unit Package. A unit package shall be so designed and constructed that it will contain the contents with no damage to the item(s), and with minimal damage to the unit pack during shipment and storage in the shipping container, and will allow subsequent handling. The outermost component of a unit package shall be a container such as a sealed bag, carton or box. Unit packs shall be designed to have minimum size and weight while retaining the protection required and enhancing standardization.

3. Unit Package Quantity - Unless otherwise specified, the unit package quantity shall be one each part, set, assembly, kit, etc.

4. Intermediate Package - Intermediate packaging is required whenever one or more of the following conditions exists:

- a. the quantity is over one (1) gross of the same national stock number,
- b. use enhances handling and inventorying,
- c. the exterior surfaces of the unit pack is a bag of any type, regardless of size,
- d. the unit pack is less than 64 cubic inches,
- e. the weight of the unit pack is under five (5) pounds and no dimension is over twelve (12) inches.

Intermediate containers shall be limited to a maximum of 100 unit packs, a net load of 40 pounds, or a maximum volume of 1.5 cubic feet, whichever occurs first.

5. Packing

5.1 Unit packages and intermediate packages meeting the requirements for a shipping container may be utilized as a shipping containers. All shipping containers shall be the most cost effective and shall be of minimum cube to contain and protect the items.

5.2 Shipping Containers - The shipping container (including any necessary blocking, bracing, cushioning, or waterproofing) shall comply with the regulations of the carrier used and shall provide safe delivery to the destination at the lowest tariff cost. The shipping container shall be capable of multiple handling, stacking at least ten feet high, and storage under favorable conditions (such as enclosed facilities) for a minimum of one year.

6. Unitization: Shipments of identical items going to the same destination shall be palletized if they have a total cubic displacement of 50 cubic feet or more unless skids or other forklift handling features are included on the containers. Pallet loads must be stable, and to the greatest extent possible, provide a level top for ease of stacking. A palletized load shall be of a size to allow for placement of two loads high and wide in a conveyance. The weight capacity of the pallet must be adequate for the load. The pallet shall be a 40 x 48 inch, 4-way entry pallet although variations may be permitted as dictated by the characteristics of the items being unitized. The load shall be contained in a manner that will permit safe handling during shipment and storage.

7. Marking:

7.1. All unit packages, intermediate packs, exterior shipping containers, and, as applicable, unitized loads shall be marked in accordance with MIL-STD-129, Revision P, Change Notice 4, dated 19 Sep 2007 including bar coding and a MSL label. The contractor is responsible for application of special markings as discussed in the Military Standard regardless of whether specified in the contract or not. Special markings include, but are not limited to, Shelf-life markings, structural markings, and transportation special handling markings. The marking of pilferable and sensitive materiel will not identify the nature of the materiel. Passive RFID tagging is required in all contracts that contain DFARS clause 252.211-7006. Contractors must check the solicitation and/or contract for this clause. For details and most recent information, see <http://www.acq.osd.mil/log/rfid/index.htm> for the current DoD Suppliers Passive RFID Information Guide and Supplier Implementation Plan. If the item has Unique Item Identifier (UII) markings then the UII needs to be 2D bar coded and applied on the unit package, intermediate and exterior containers, and the unit load.

Name of Offeror or Contractor:

8. Hazardous Materials (as applicable):

8.1 Hazardous Materials is defined as a substance, or waste which has been determined by the Secretary of Transportation to be capable of posing an unreasonable risk to health, safety, and property when transported in commerce and which has been so designated. (This includes all items listed as hazardous in Titles 29, 40 and 49 CFR and other applicable modal regulations effective at the time of shipment.)

8.2 When applicable, the packaging and marking for hazardous material shall comply with the requirements for the mode of transport and the applicable performance packaging contained in the following documents:

- International Air Transport Association (IATA) Dangerous Goods Regulations
- International Maritime Dangerous Goods Code (IMDG)
- Code of Federal Regulations (CFR) Title 29, Title 40 and Title 49
- Joint Service Regulation AFJMAN24-204/TM38-250/NAVSUPPUB 505/MCO P4030.19/DLAM 4145.3 (for military air shipments).

8.3 If the shipment originates from outside the continental United States, the shipment shall be prepared in accordance with the United Nations Recommendations on the Transport of Dangerous Goods in a manner acceptable to the Competent Authority of the nation of origin and in accordance with regulations of all applicable carriers.

8.4 A Product Material Safety Data Sheets (MSDS) is required to be included with every unit pack and intermediate container and shall be included with the packing list inside the sealed pouch attached to the outside of the package.

9. Heat Treatment and Marking of Wood Packaging Materials: All non-manufactured wood used in packaging shall be heat treated to a core temperature of 56 degrees Celsius for a minimum of 30 minutes. The box/pallet manufacturer and the manufacturer of wood used as inner packaging shall be affiliated with an inspection agency accredited by the board of review of the American Lumber Standard Committee. The box/pallet manufacturer and the manufacturer of wood used as inner packaging shall ensure tractability to the original source of heat treatment. Each box/pallet shall be marked to show the conformance to the International Plant Protection Convention Standard. Boxes/pallets and any wood used as inner packaging made of non-manufactured wood shall be heat-treated. The quality mark shall be placed on both ends of the outer packaging, between the end cleats or end battens; on two sides of the pallet. Foreign manufacturers shall have the heat treatment of non-manufactured wood products verified in accordance with their National Plant Protection Organizations compliance program.

In addition, wood used as dunnage for blocking and bracing, to include ISO containers, shall be ordered with ALSC certified marking for dunnage or the markings may be applied locally at two foot intervals.

10. Quality Assurance: The contractor is responsible for establishing a quality system. Full consideration to examinations, inspections, and tests will be given to ensure the acceptability of the commercial package.

11. SUPPLEMENTAL INSTRUCTIONS:

(DS6422) (End of Clause)

INSPECTION AND ACCEPTANCE

E. INSPECTION AND ACCEPTANCE POINT

E.1 Inspection and acceptance of all deliverables under this contract shall be made at DESTINATION by the Contracting Officer or his duly authorized representative. The determination that the deliverables are complete and conform to the requirements of the contract will be made by the Contracting Officer's Representative (COR), to assure the work and the results thereof are in accordance with the terms of the contract.

*** END OF NARRATIVE E0001 ***

12	52.246-4	INSPECTION OF SERVICES--FIXED-PRICE	AUG/1996
13	52.246-11	HIGHER-LEVEL CONTRACT QUALITY REQUIREMENT	FEB/1999

The Contractor shall comply with the higher-level quality standard selected below. [If more than one standard is listed, the offeror shall indicate its selection by checking the appropriate block.]

Title	Number	Date	Tailoring
ISO	9001:2008	15 NOV 2008	Untailored

Name of Offeror or Contractor: _____

(End of Clause)

14	(52.246-4009) (TACOM)	INSPECTION AND ACCEPTANCE POINTS: DESTINATION	FEB/1995
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Inspection and acceptance of supplies offered under this purchase order shall take place as specified here. Inspection: DESTINATION. Acceptance: DESTINATION.

[End of Clause]

DELIVERIES OR PERFORMANCE
F. DELIVERIES AND PERFORMANCE

F.1 PERIOD OF PERFORMANCE

F.1.1 All effort required under this contract, including delivery of the final technical report and presentation, shall be completed within 135 days after contract award. Period of performance for each CDRL deliverable as follows:

CDRL A001; Simulated Part Native SolidWorks File due 60 days after contract award.

CDRL A002; Optimized 3D CAD Model due 105 days after contract award.

CDRL A003; Final M&S Report and Presentation due 135 days after contract award.

F.1.2 If there is any conflict between Section B and Section F of this contract, Section F will prevail.

F.1.3 Notwithstanding F.1.1, all data items mentioned in the Scope of Work, Section C, and the CDRLs, Exhibit A, shall be governed by the due dates cited therein.

F.2 DATA DELIVERABLES

F.2.1 Delivery of data set forth in the contract shall be in accordance with the Contract Data Requirements List, DD Form 1423.

F.3 MATERIAL DELIVERABLES

F.3.1 All materials required to be delivered under the contract shall be delivered FOB Destination to the following addresses (reference CDRLs for specific shipping information):

ATTN: Jason Carson US Army TACOM ILSC 6501 E. 11 Mile Rd. Warren, MI 48397-5000 Attn: AMSTA-LSC-CPI	ATTN: David Valant US Army ECBC- RI 1 Rock Island Arsenal Building 62, 1st Floor Rock Island, IL 61299-7390
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*** END OF NARRATIVE F0001 ***

15	52.242-15	STOP-WORK ORDER	AUG/1989
16	52.242-17	GOVERNMENT DELAY OF WORK	APR/1984
17	52.247-34	F.O.B. DESTINATION	NOV/1991
18	52.247-55	F.O.B. POINT FOR DELIVERY OF GOVERNMENT-FURNISHED PROPERTY	JUN/2003
19	252.211-7003	ITEM IDENTIFICATION AND VALUATION (JUN 2011) -- ALTERNATE I (DEC 2011)	DEC/2011
20	252.211-7007	REPORTING OF GOVERNMENT-FURNISHED PROPERTY	AUG/2012
21	52.247-4017 (TACOM)	DEPOT ADDRESS FOR THE APPLICABLE MODE OF SHIPMENTS: IN-THE-CLEAR ADDRESSES	NOV/2009

Rail/ Motor <u>SPLC*</u>	MILSTRIP Address <u>Code</u>	Rail <u>Ship To:</u>	Motor <u>Ship To:</u>	Parcel Post <u>Mail To:</u>
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CONTINUATION SHEET**Reference No. of Document Being Continued**

Page 18 of 52

PIIN/SIIN W56HZV-13-T-0024

MOD/AMD

Name of Offeror or Contractor:

206721/ 209405	W25G1U	Transportation Officer Defense Dist Depot Susquehanna New Cumberland, PA	Transportation Officer Defense Dist Depot Susquehanna New Cumberland, PA	Transportation Officer Defense Dist Depot Susquehanna New Cumberland, PA 17070-5001
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NOTE: All deliveries to New Cumberland MUST be scheduled at least 10 days prior to the delivery date. The carrier or contractor must call the New Cumberland DDSP customer service number, 800-307-8496 and provide the following information: contract number, item name, National Stock Number, total weight and cube, and vendor. All shipments to this MILSTRIP address code (W25G1U) are for mission stock and they will need to know that as well, but if you have instructions from the Contracting Officer to use MILSTRIP address code W25N14 instead, you must inform the appointment-taker that the delivery is for Consolidation and Containerization Point (CCP) stock. Appointments for FOB Origin shipments should be coordinated with DCMA Transportation.

875670/ 875675	W62G2T	Transportation Officer XU Def Dist Depot San Joaquin 25600 S Chrisman Rd Rec Whse 10 Tracy, Ca 95376-5000	Transportation Officer XU Def Dist Depot San Joaquin 25600 S Chrisman Rd Rec Whse 10 Tracy, Ca 95376-5000	Transportation Officer Dist Depot San Joaquin P O Box 96001 Stockton, CA 95296-0130
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471995/ 471996	W31G1Z	Transportation Officer Anniston Army Depot, Bynum, AL	Transportation Officer Anniston Army Depot, Bynum, AL	Transportation Officer Anniston Army Depot, Anniston, AL 36201-5021
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209741/ 209770	W25G1R	Transportation Officer Letterkenny Army Depot, Culbertson, PA	Transportation Officer Letterkenny Army Depot, Chambersburg, PA	Transportation Officer Letterkenny Army Depot, Chambersburg, PA 17201-4150
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661136/ 661157	W45G19	Transportation Officer Red River Army Depot, Defense, TX	Transportation Officer Red River Army Depot, Texarkana, TX	Transportation Officer Red River Army Depot, Texarkana, TX 75507-5000
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764538/ 764535	W67G23	Transportation Officer Tooele Army Depot, Warner, UT	Transportation Officer Tooele Army Depot, Tooele, UT	Transportation Officer Tooele Army Depot, Tooele, UT 84074-5003
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***SPLC indicates Standard Point Locator Code.

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

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

New Cumberland Army Depot
Red River Army Depot
Sharpe Army Depot

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

[End of Clause]

CONTINUATION SHEET	Reference No. of Document Being Continued	Page 19 of 52
	PIIN/SIIN W56HZV-13-T-0024	MOD/AMD

Name of Offeror or Contractor:

CONTRACT ADMINISTRATION DATA

22 52.242-4016 COMMUNICATIONS MAY/2000

Communications on technical matters pertaining to the contract shall be direct between the contractor and the Technical Representative. Communications for the Technical Representative shall be addressed to:

Name: Jason Carson
E-mail: jason.d.carson.civ@mail.mil

The Administrative Contracting Officer's (ACO) name and email address are also provided if known at this time:

ACO: Beverly Viands
E-mail: beverly.viands@dcma.mil

Please see the appointment letters prepared at time of contract award for functions the Technical Representative and ACO will perform on this contract.

[End of Clause]

23 252.204-0005 PAYMENT INSTRUCTIONS FOR THE DEFENSE FINANCE AND ACCOUNTING SERVICE SEP/2009
(DFARS PGI) (DFAS) - Line Item Specific: by Cancellation Date

The payment office shall make payment using the ACRN with the earliest cancellation date first, exhausting all funds in that ACRN before disbursing funds from the next. In the event there is more than one ACRN associated with the same cancellation date, the payment amount shall be disbursed from each ACRN with the same cancellation date in the same proportion as the amount of funding obligated for each ACRN with the same cancellation date.

[End of Clause]

24 52.232-4087 PAYMENT UNDER WIDE AREA WORKFLOW (ACC WARREN) AUG/2012

To obtain payment, WAWF requires the contractor to input/indicate the various DoDAAC (Department of Defense Activity Address Code) codes that apply to the acquisition. These codes can be found on the cover page of contracts/orders as described below.

The document type the contractor shall use is as follows:

- "Combo" is entered if the award is for supplies or supplies and services are being delivered.
- "2in1" is entered if the award is strictly for services being provided/delivered.

USE THE FOLLOWING CODES TO ROUTE YOUR INVOICES THROUGH WAWF:

- Your firms CAGE code (found in Block 15A of SF 33; Block 17a of SF 1449; Block 14 of SF 1442; Block 7 of SF 26)
- Issue and Admin DoDAAC Code (found in Block 7 of SF 33; Block 9 of SF 1449; Block 7 of SF 1442; Block 5 of SF 26)
- Ship-To DoDAAC Code (if deliverables are involved) (found in Section B of the contract where SF 33, SF 1442, or SF 26 is the cover page; Block 15 of SF 1449)
- Accept-By DoDAAC Code: If Inspection/Acceptance is Origin, use the Admin (DCMA)DoDAAC or the DoDAAC of the inspection/acceptance office if different than the Admin DoDAAC; if Destination, use the Ship-To DODAAC Code. If Accepted-By Other: enter the DoDAAC of the activity designated to perform acceptance.
- Payment DoDAAC Code. (found in Block 25 of SF 33; Block 18a of SF 1449; Block 27 of SF 1442; Block 12 of SF 26)

The paying office DoDAAC and mailing address is located on the first page of the award. To track the status of your invoice, click on the link, Pay status (myInvoice-External link) at the bottom of the left-hand menu.

If your paying office is Columbus, direct any payment-related questions to the Defense Finance Accounting Services (DFAS) Columbus at 1-888-756-4571. Please have your order number and invoice ready when calling about payment status. If your paying office is other than Columbus, contact your contract administrator for the customer service phone/fax numbers.

[End of Clause]

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

Page 20 of 52

PIIN/SIIN W56HZV-13-T-0024

MOD/AMD

Name of Offeror or Contractor:SPECIAL CONTRACT REQUIREMENTS
H. GOVERNMENT FURNISHED PROPERTY

H.1 The Government will provide the M45 Medium Faceblank Injection Mold 3 Dimensional Computer Aided Design Model Database (.sldasm) as Government Furnished Property for performance of this contract.

*** END OF NARRATIVE H0001 ***

25 52.204-4005 REQUIRED USE OF ELECTRONIC CONTRACTING AUG/2012

(a) All contract awards, modifications and delivery orders issued by Army Contracting Command - Warren (DTA) 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) System for Award Management (SAM). The SAM registration process may be done electronically at the World Wide Web (WWW) site: <https://www.sam.gov/portal/public/SAM>. (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 Army Contracting Command - Warren webpage:

Warren: http://contracting.tacom.army.mil/CFDATA/AWARDS/AWARD_RPT01.cfm
Rock Island - JMTC: <https://acquisition.army.mil/asfi/>
Red River Army Depot: <https://acquisition.army.mil/asfi/>
Anniston Army Depot: <https://acquisition.army.mil/asfi/>

(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 SAM 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/dpap/ebiz/VANs.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. Please go to the following webpage for detailed information about submitting your offer electronically: <http://contracting.tacom.army.mil/acqinfo/ebidnotice.htm>

(f) Additional information can be obtained by sending a message to: usarmy.detroit.acc.mbx.wrn-web-page@mail.mil or by calling (586) 282-7059.

CONTRACT CLAUSES

26	52.204-10	REPORTING EXECUTIVE COMPENSATION AND FIRST-TIER SUBCONTRACT AWARDS	AUG/2012
27	52.204-12	DATA UNIVERSAL NUMBERING SYSTEM NUMBER MAINTENANCE	DEC/2012
28	52.204-13	CENTRAL CONTRACTOR REGISTRATION MAINTENANCE	DEC/2012
29	52.209-6	PROTECTING THE GOVERNMENT'S INTEREST WHEN SUBCONTRACTING WITH CONTRACTORS DEBARRED, SUSPENDED, OR PROPOSED FOR DEBARMENT	DEC/2010
30	52.211-5	MATERIAL REQUIREMENTS	AUG/2000
31	52.211-15	DEFENSE PRIORITY AND ALLOCATION REQUIREMENTS	APR/2008
32	52.212-4	CONTRACT TERMS AND CONDITIONS--COMMERCIAL ITEMS	FEB/2012
33	52.215-8	ORDER OF PRECEDENCE--UNIFORM CONTRACT FORMAT	OCT/1997

CONTINUATION SHEET

Reference No. of Document Being Continued

Page 21 of 52

PIIN/SIIN W56HZV-13-T-0024

MOD/AMD

Name of Offeror or Contractor:

34	52.215-14	INTEGRITY OF UNIT PRICES (OCT 2010) -- ALTERNATE I (OCT 1997)	OCT/1997
35	52.222-1	NOTICE TO THE GOVERNMENT OF LABOR DISPUTES	FEB/1997
36	52.222-19	CHILD LABOR--COOPERATION WITH AUTHORITIES AND REMEDIES	MAR/2012
37	52.222-21	PROHIBITION OF SEGREGATED FACILITIES	FEB/1999
38	52.222-26	EQUAL OPPORTUNITY	MAR/2007
39	52.222-36	AFFIRMATIVE ACTION FOR WORKERS WITH DISABILITIES	OCT/2010
40	52.222-41	SERVICE CONTRACT ACT OF 1965	NOV/2007
41	52.222-50	COMBATING TRAFFICKING IN PERSONS	FEB/2009
42	52.223-18	ENCOURAGING CONTRACTOR POLICIES TO BAN TEXT MESSAGING WHILE DRIVING	AUG/2011
43	52.225-13	RESTRICTIONS ON CERTAIN FOREIGN PURCHASES	JUN/2008
44	52.227-1	AUTHORIZATION AND CONSENT	DEC/2007
45	52.229-4	FEDERAL, STATE, AND LOCAL TAXES (STATE AND LOCAL ADJUSTMENTS)	FEB/2013
46	52.232-1	PAYMENTS	APR/1984
47	52.232-8	DISCOUNTS FOR PROMPT PAYMENT	FEB/2002
48	52.232-11	EXTRAS	APR/1984
49	52.232-23	ASSIGNMENT OF CLAIMS (JAN 1986) -- ALTERNATE I (APR 1984)	APR/1984
50	52.232-25	PROMPT PAYMENT	OCT/2008
51	52.232-33	PAYMENT BY ELECTRONIC FUNDS TRANSFER--CENTRAL CONTRACTOR REGISTRATION	OCT/2003
52	52.233-1	DISPUTES	JUL/2002
53	52.233-3	PROTEST AFTER AWARD	AUG/1996
54	52.233-4	APPLICABLE LAW FOR BREACH OF CONTRACT CLAIM	OCT/2004
55	52.243-1	CHANGES--FIXED PRICE (AUG 1987) -- ALTERNATE III (APR 1984)	APR/1984
56	52.245-1	GOVERNMENT PROPERTY	APR/2012
57	52.245-9	USE AND CHARGES	APR/2012
58	52.247-68	REPORT OF SHIPMENT (REPSHIP)	FEB/2006
59	52.249-1	TERMINATION FOR CONVENIENCE OF THE GOVERNMENT (FIXED-PRICE) (SHORT FORM)	APR/1984
60	52.249-8	DEFAULT (FIXED-PRICE SUPPLY AND SERVICE)	APR/1984
61	52.253-1	COMPUTER GENERATED FORMS	JAN/1991
62	252.201-7000	CONTRACTING OFFICER'S REPRESENTATIVE	DEC/1991
63	252.203-7002	REQUIREMENT TO INFORM EMPLOYEES OF WHISTLEBLOWER RIGHTS	JAN/2009
64	252.204-7000	DISCLOSURE OF INFORMATION	DEC/1991
65	252.204-7002	PAYMENT FOR SUBLINE ITEMS NOT SEPARATELY PRICED	DEC/1991
66	252.204-7003	CONTROL OF GOVERNMENT PERSONNEL WORK PRODUCT	APR/1992
67	252.204-7004	ALTERNATE A, SYSTEM FOR AWARD MANAGEMENT	MAY/2013
68	252.204-7006	BILLING INSTRUCTIONS	OCT/2005
69	252.204-7008	EXPORT-CONTROLLED ITEMS	APR/2010
70	252.215-7000	PRICING ADJUSTMENTS	DEC/2012
71	252.225-7002	QUALIFYING COUNTRY SOURCES AS SUBCONTRACTORS	DEC/2012
72	252.225-7016	RESTRICTION ON ACQUISITION OF BALL AND ROLLER BEARINGS	JUN/2011
73	252.225-7033	WAIVER OF UNITED KINGDOM LEVIES	APR/2003
74	252.225-7036	BUY AMERICAN--FREE TRADE AGREEMENTS--BALANCE OF PAYMENTS PROGRAM	DEC/2012
75	252.227-7013	RIGHTS IN TECHNICAL DATA--NONCOMMERCIAL ITEMS	MAY/2013
76	252.227-7016	RIGHTS IN BID OR PROPOSAL INFORMATION	JAN/2011
77	252.227-7019	VALIDATION OF ASSERTED RESTRICTIONS--COMPUTER SOFTWARE	SEP/2011
78	252.227-7020	RIGHTS IN SPECIAL WORKS	JUN/1995
79	252.227-7025	LIMITATIONS ON THE USE OR DISCLOSURE OF GOVERNMENT-FURNISHED INFORMATION MARKED WITH RESTRICTIVE LEGENDS	MAY/2013
80	252.227-7027	DEFERRED ORDERING OF TECHNICAL DATA OR COMPUTER SOFTWARE	APR/1988
81	252.227-7030	TECHNICAL DATA--WITHHOLDING OF PAYMENT	MAR/2000
82	252.227-7037	VALIDATION OF RESTRICTIVE MARKINGS ON TECHNICAL DATA	JUN/2012
83	252.231-7000	SUPPLEMENTAL COST PRINCIPLES	DEC/1991
84	252.232-7003	ELECTRONIC SUBMISSION OF PAYMENT REQUESTS AND RECEIVING REPORTS	JUN/2012
85	252.232-7010	LEVIES ON CONTRACT PAYMENTS	DEC/2006
86	252.237-7010	PROHIBITION ON INTERROGATION OF DETAINEES BY CONTRACTOR PERSONNEL	NOV/2010
87	252.243-7001	PRICING OF CONTRACT MODIFICATIONS	DEC/1991
88	252.245-7001	TAGGING, LABELING, AND MARKING OF GOVERNMENT-FURNISHED PROPERTY	APR/2012
89	252.245-7002	REPORTING LOSS OF GOVERNMENT PROPERTY	APR/2012
90	252.245-7003	CONTRACTOR PROPERTY MANAGEMENT SYSTEM ADMINISTRATION	APR/2012
91	252.245-7004	REPORTING, REUTILIZATION, AND DISPOSAL	MAY/2013
92	252.246-7000	MATERIAL INSPECTION AND RECEIVING REPORT	MAR/2008
93	252.246-7001	WARRANTY OF DATA	DEC/1991
94	252.247-7023	TRANSPORTATION OF SUPPLIES BY SEA (MAY 2002) -- ALTERNATE III (MAY 2002)	MAY/2002

CONTINUATION SHEET	Reference No. of Document Being Continued	Page 22 of 52
	PIIN/SIIN W56HZV-13-T-0024	MOD/AMD

Name of Offeror or Contractor:

95 52.212-5 CONTRACT TERMS AND CONDITIONS REQUIRED TO IMPLEMENT STATUTES OR JAN/2013
EXECUTIVE ORDERS--COMMERCIAL ITEMS

(a) The Contractor shall comply with the following Federal Acquisition Regulation (FAR) clauses, which are incorporated in this contract by reference, to implement provisions of law or Executive orders applicable to acquisitions of commercial items:

- (1) 52.222-50, Combating Trafficking in Persons (FEB 2009) (22U.S.C. 7104(g)).
- Alternate I (Aug 2007) of 52.222-50 (22 U.S.C. 7104(g)).
- (2) 52.233-3, Protest After Award (AUG 1996) (31 U.S.C. 3553).
- (3) 52.233-4, Applicable Law for Breach of Contract Claim (OCT 2004) (Pub. L. 108-77, 108-78).

(b) The Contractor shall comply with the FAR clauses in this paragraph (b) that the contracting officer has indicated as being incorporated in this contract by reference to implement provisions of law or Executive orders applicable to acquisitions of commercial items:

- ___ (1) 52.203-6, Restrictions on Subcontractor Sales to the Government (Sep 2006), with Alternate I (Oct 1995)(41 U.S.C. 253g and 10 U.S.C. 2402).
- ___ (2) 52.203-13, Contractor Code of Business Ethics and Conduct (Apr 2010) (Pub. L. 110-252, Title VI, Chapter 1 (41 U.S.C. 251 note)).
- ___ (3) 52.203-15, Whistleblower Protections under the American Recovery and Reinvestment Act of 2009 (Jun 2010) (Section 1553 of Pub. L. 111-5). (Applies to contracts funded by the American Recovery and Reinvestment Act of 2009.)
- X (4) 52.204-10, Reporting Executive Compensation and First-Tier Subcontract Awards (Aug 2012) (Pub. L. 109-282) (31 U.S.C. 6101 note).
- ___ (5) 52.204-11, American Recovery and Reinvestment Act -- Reporting Requirements (JUL 2010) (Pub. L. 111-5).
- X (6) 52.209-6, Protecting the Government's Interest When Subcontracting with Contractors Debarred, Suspended, or Proposed for Debarment (DEC 2010) (31 U.S.C. 6101 note).
- ___ (7) 52.209-9, Updates of Publicly Available Information Regarding Responsibility Matters (FEB 2012) (41 U.S.C. 2313).
- ___ (8) 52.209-10, Prohibition on Contracting with Inverted Domestic Corporations (MAY 2012)(section 740 of Division C of Public Law 111-117, section 743 of Division D of Public Law 111-8, and section 745 of Division D of Public Law 110-161)
- ___ (9) 52.219-3, Notice of Total HUBZone Set-Aside or Sole-Source Award (Nov 2011)(15 U.S.C. 657a).
- ___ (10) 52.219-4, Notice of Price Evaluation Preference for HUBZone Small Business Concerns (Jan 2011) (if the offeror elects to waive the preference, it shall so indicate in its offer)(15 U.S.C. 657a).
- ___ (11) [Reserved]
- ___ (12)(i) 52.219-6, Notice of Total Small Business Set-Aside (Nov 2011) (15 U.S.C. 644).
- ___ (ii) Alternate I (Nov 2011) of 52.219-6.
- ___ (iii) Alternate II (Nov 2011) of 52.219-6.
- ___ (13)(i) 52.219-7, Notice of Partial Small Business Set-Aside (June 2003)(15 U.S.C. 644).
- ___ (ii) Alternate I (Oct 1995) of 52.219-7.
- ___ (iii) Alternate II (Mar 2004) of 52.219-7.
- ___ (14) 52.219-8, Utilization of Small Business Concerns (Jan 2011) (15 U.S.C. 637(d)(2) and (3)).
- ___ (15)(i) 52.219-9, Small Business Subcontracting Plan (Jan 2011)(15 U.S.C. 637 (d)(4)).
- ___ (ii) Alternate I (Oct 2001) of 52.219-9.
- ___ (iii) Alternate II (Oct 2001) of 52.219-9.

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

Page 23 of 52

PIIN/SIIN W56HZV-13-T-0024

MOD/AMD

Name of Offeror or Contractor:

- ___ (iv) Alternate III (Jul 2010) of 52.219-9.
- ___ (16) 52.219-13, Notice of Set-Aside of Orders (NOV 2011) (15 U.S.C. 644(r)).
- ___ (17) 52.219-14, Limitations on Subcontracting (Nov 2011)(15 U.S.C. 637(a)(14)).
- ___ (18) 52.219-16, Liquidated Damages--Subcontracting Plan (JAN 1999) (15 U.S.C. 637(d)(4)(F)(i)).
- ___ (19)(i) 52.219-23, Notice of Price Evaluation Adjustment for Small Disadvantaged Business Concerns (Oct 2008)(10 U.S.C. 2323) (if the offeror elects to waive the adjustment, it shall so indicate in its offer).
- ___ (ii) Alternate I (June 2003) of 52.219-23.
- ___ (20) 52.219-25, Small Disadvantaged Business Participation Program Disadvantaged Status and Reporting (Dec 2010)(Pub. L. 103-355, section 7102, and 10 U.S.C. 2323).
- ___ (21) 52.219-26, Small Disadvantaged Business Participation Program Incentive Subcontracting (Oct 2000)(Pub. L. 103-355, section 7102, and 10 U.S.C. 2323).
- ___ (22) 52.219-27, Notice of Total Service-Disabled Veteran-Owned Small Business Set-Aside (Nov 2011)(15 U.S.C. 657 f)
- X (23) 52.219-28, Post Award Small Business Program Rerepresentation (APR 2012)(15 U.S.C. 632(a)(2)).
- ___ (24) 52.219-29 Notice of Total Set-Aside for Economically Disadvantaged Women-Owned Small Business (EDWOSB) Concerns (Apr 2012) (15 U.S.C. 637(m)).
- ___ (25) 52.219-30 Notice of Total Set-Aside for Women-Owned Small Business (WOSB) Concerns Eligible Under the WOSB Program (Apr 2012) (15 U.S.C. 637(m)).
- ___ (26) 52.222-3, Convict Labor (June 2003)(E.O. 11755).
- ___ (27) 52.222-19, Child Labor Cooperation with Authorities and Remedies (Mar 2012) (E.O. 13126).
- X (28) 52.222-21, Prohibition of Segregated Facilities (Feb 1999).
- X (29) 52.222-26, Equal Opportunity (Mar 2007)(E.O. 11246).
- ___ (30) 52.222-35, Equal Opportunity for Special Disabled Veterans, Veterans of the Vietnam Era, and Other Eligible Veterans (Sep 2010)(38 U.S.C. 4212).
- X (31) 52.222-36, Affirmative Action for Workers with Disabilities (Oct 2010)(29 U.S.C. 793).
- ___ (32) 52.222-37, Employment Reports on Special Disabled Veterans, Veterans of the Vietnam Era, and Other Eligible Veterans (Sep 2010)(38 U.S.C. 4212).
- ___ (33) 52.222-40, Notification of Employee Rights Under the National Labor Relations Act (DEC 2010) (E.O. 13496).
- ___ (34) 52.222-54, Employment Eligibility Verification (Jul 2012). (Executive Order 12989). (Not applicable to the acquisition of commercially available off-the-shelf items or certain other types of commercial items as prescribed in 22.1803.)
- ___ (35)(i) 52.223-9, Estimate of Percentage of Recovered Material Content for EPA-Designated Items (May 2008) (42 U.S.C. 6962(c)(3)(A)(ii)). (Not applicable to the acquisition of commercially available off-the-shelf items.)
- ___ (ii) Alternate I (May 2008) of 52.223-9 (42 U.S.C. 6962(i)(2)(C)). (Not applicable to the acquisition of commercially available off-the-shelf items.)
- ___ (36) 52.223-15, Energy Efficiency in Energy-Consuming Products (Dec 2007) (42 U.S.C. 8259b).
- ___ (37)(i) 52.223-16, IEEE 1680 Standard for the Environmental Assessment of Personal Computer Products (DEC 2007) (E.O. 13423).
- ___ (ii) Alternate I (DEC 2007) of 52.223-16.
- X (38) 52.223-18, Encouraging Contractor Policies to Ban Text Messaging While Driving (AUG 2011) (E.O. 13513).
- ___ (39) 52.225-1, Buy American Act--Supplies (Feb 2009)(41 U.S.C. 10a-10d).
- ___ (40)(i) 52.225-3, Buy American Act Free Trade Agreements -- Israeli Trade Act (NOV 2012) (41 U.S.C. 10a-10d, 19 U.S.C. 3301

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

Page 24 of 52

PIIN/SIIN W56HZV-13-T-0024

MOD/AMD

Name of Offeror or Contractor:

note, 19 U.S.C. 2112 note, 19 U.S.C. 3805 note, Pub. L. 108-77, 108-78, 108-286, 108-302, 109-53, 109-169, 109-283, and 110-138).

___ (ii) Alternate I (MAR 2012) of 52.225-3.

___ (iii) Alternate II (MAR 2012) of 52.225-3.

___ (iv) Alternate III (NOV 2012) of 52.225-3.

___ (41) 52.225-5, Trade Agreements (NOV 2012) (19 U.S.C. 2501, et seq., 19 U.S.C. 3301 note).

X (42) 52.225-13, Restrictions on Certain Foreign Purchases (Jun 2008) (E.o.s, proclamations, and statutes administered by the Office of Foreign Assets Control of the Department of the Treasury).

___ (43) 52.226-4, Notice of Disaster or Emergency Area Set-Aside (Nov 2007) (42 U.S.C. 5150).

___ (44) 52.226-5, Restrictions on Subcontracting Outside Disaster or Emergency Area (Nov 2007)(42 U.S.C. 5150).

___ (45) 52.232-29, Terms for Financing of Purchases of Commercial Items (Feb 2002)(41 U.S.C. 255(f), 10 U.S.C. 2307(f)).

___ (46) 52.232-30, Installment Payments for Commercial Items (Oct 1995)(41 U.S.C. 255(f), 10 U.S.C. 2307(f)).

X (47) 52.232-33, Payment by Electronic Funds Transfer -- Central Contractor Registration (Oct. 2003)(31 U.S.C. 3332).

___ (48) 52.232-34, Payment by Electronic Funds Transfer -- Other Than Central Contractor Registration (May 1999)(31 U.S.C. 3332).

___ (49) 52.232-36, Payment by Third Party (FEB 2010)(31 U.S.C. 3332).

___ (50) 52.239-1, Privacy or Security Safeguards (Aug 1996)(5 U.S.C. 552a).

___ (51)(i) 52.247-64, Preference for Privately Owned U.S.-Flag Commercial Vessels (Feb 2006)(46 U.S.C. Appx 1241(b) and 10 U.S.C. 2631).

___ (ii) Alternate I (Apr 2003) of 52.247-64.

(c) The Contractor shall comply with the FAR clauses in this paragraph (c), applicable to commercial services, that the Contracting Officer has indicated as being incorporated in this contract by reference to implement provisions of law or executive orders applicable to acquisitions of commercial items:

X (1) 52.222-41, Service Contract Act of 1965, (Nov 2007)(41 U.S.C. 351, et seq.).

X (2) 52.222-42, Statement of Equivalent Rates for Federal Hires (May 1989)(29 U.S.C. 206 and 41 U.S.C. 351, et seq.).

___ (3) 52.222-43, Fair Labor Standards Act and Service Contract Act -- Price Adjustment (Multiple Year and Option Contracts) (Sep 2009)(29 U.S.C.206 and 41 U.S.C. 351, et seq.).

___ (4) 52.222-44, Fair Labor Standards Act and Service Contract Act -- Price Adjustment (Sep 2009)(29 U.S.C. 206 and 41 U.S.C. 351, et seq.).

___ (5) 52.222-51, Exemption from Application of the Service Contract Act to Contracts for Maintenance, Calibration, or Repair of Certain Equipment--Requirements (Nov 2007) (41 U.S.C. 351, et seq.).

___ (6) 52.222-53, Exemption from Application of the Service Contract Act to Contracts for Certain Services--Requirements (Feb 2009) (41 U.S.C. 351, et seq.).

___ (7) 52.222-17, Nondisplacement of Qualified Workers (JAN 2013) (E.O.13495).

___ (8) 52.226-6, Promoting Excess Food Donation to Nonprofit Organizations. (Mar 2009) (Pub. L. 110-247).

___ (9) 52.237-11, Accepting and Dispensing of \$1 Coin (Sep 2008) (31 U.S.C. 5112(p)(1)).

(d) Comptroller General Examination of Record. The Contractor shall comply with the provisions of this paragraph (d) if this contract was awarded using other than sealed bid, is in excess of the simplified acquisition threshold, and does not contain the clause at 52.215-2, Audit and Records -- Negotiation.

Name of Offeror or Contractor:

(1) The Comptroller General of the United States, or an authorized representative of the Comptroller General, shall have access to and right to examine any of the Contractors directly pertinent records involving transactions related to this contract.

(2) The Contractor shall make available at its offices at all reasonable times the records, materials, and other evidence for examination, audit, or reproduction, until 3 years after final payment under this contract or for any shorter period specified in FAR Subpart 4.7, Contractor Records Retention, of the other clauses of this contract. If this contract is completely or partially terminated, the records relating to the work terminated shall be made available for 3 years after any resulting final termination settlement. Records relating to appeals under the disputes clause or to litigation or the settlement of claims arising under or relating to this contract shall be made available until such appeals, litigation, or claims are finally resolved.

(3) As used in this clause, records include books, documents, accounting procedures and practices, and other data, regardless of type and regardless of form. This does not require the Contractor to create or maintain any record that the Contractor does not maintain in the ordinary course of business or pursuant to a provision of law.

(e)(1) Notwithstanding the requirements of the clauses in paragraphs (a), (b), (c) and (d) of this clause, the Contractor is not required to flow down any FAR clause, other than those in this paragraph (e)(1) in a subcontract for commercial items. Unless otherwise indicated below, the extent of the flow down shall be as required by the clause--

(i) 52.203-13, Contractor Code of Business Ethics and Conduct (Apr 2010) (Pub. L. 110-252, Title VI, Chapter 1 (41 U.S.C. 251 note)).

(ii) 52.219-8, Utilization of Small Business Concerns (Dec 2010)(15 U.S.C. 637(d)(2) and (3)), in all subcontracts that offer further subcontracting opportunities. If the subcontract (except subcontracts to small business concerns) exceeds \$650,000 (\$1.5 million for construction of any public facility), the subcontractor must include 52.219-8 in lower tier subcontracts that offer subcontracting opportunities.

(iii) 52.222-17, Nondisplacement of Qualified Workers (JAN 2013) (E.O. 13495). Flow down required in accordance with paragraph (1) of FAR clause 52.222-17.

(iv) 52.222-26, Equal Opportunity (Oct 2010)(E.O. 11246).

(v) 52.222-35, Equal Opportunity for Special Disabled Veterans, Veterans of the Vietnam Era, and Other Eligible Veterans (Sep 2010)(38 U.S.C. 4212).

(vi) 52.222-36, Affirmative Action for Workers with Disabilities (June 1998)(29 U.S.C. 793).

(vii) 52.222-40, Notification of Employee Rights Under the National Labor Relations Act (DEC 2010) (E.O. 13496).

(viii) 52.222-41, Service Contract Act of 1965, (Nov 2007), flow down required for all subcontracts subject to the Service Contract Act of 1965 (41 U.S.C. 351, et seq.)

(ix) 52.222-50, Combating Trafficking in Persons (FEB 2009) (22 U.S.C. 7104(g)).

___ Alternate I (Aug 2007) of 52.222-50 (22 U.S.C. 7104(g)).

(x) 52.222-51, Exemption from Application of the Service Contract Act to Contracts for Maintenance, Calibration, or Repair of Certain Equipment--Requirements (Nov 2007) (41 U.S.C. 351, et seq.)

(xi) 52.222-53, Exemption from Application of the Service Contract Act to Contracts for Certain Services--Requirements (Feb 2009) (41 U.S.C. 351, et seq.)

(xii) 52.222-54, Employment Eligibility Verification (Jul 2012).

(xiii) 52.226-6, Promoting Excess Food Donation to Nonprofit Organizations. (Mar 2009) (Pub. L. 110-247). Flow down required in accordance with paragraph (e) of FAR clause 52.226-6.

(xiv) 52.247-64, Preference for Privately-Owned U.S. Flag Commercial Vessels (Feb 2006)(46 U.S.C. Appx 1241(b) and 10 U.S.C. 2631). Flow down required in accordance with paragraph (d) of FAR clause 52.247-64.

(2) While not required, the contractor may include in its subcontracts for commercial items a minimal number of additional clauses necessary to satisfy its contractual obligations.

(End of Clause)

Name of Offeror or Contractor: _____

96 52.222-42 STATEMENT OF EQUIVALENT RATES FOR FEDERAL HIRES MAY/1989

In compliance with the Service Contract Act of 1965, as amended, and the regulations of the Secretary of Labor (29 CFR Part 4), this clause identifies the classes of service employees expected to be employed under the contract and states the wages and fringe benefits payable to each if they were employed by the contracting agency subject to the provisions of 5 U.S.C. 5341 or 5332.

This Statement is for Information Only:
It is not a Wage Determination

Employee Class	Monetary Wage -- Fringe Benefits

(End of Clause)

97 252.212-7001 CONTRACT TERMS AND CONDITIONS REQUIRED TO IMPLEMENT STATUTES OR EXECUTIVE ORDERS APPLICABLE TO DEFENSE ACQUISITIONS OF COMMERCIAL ITEMS MAY/2013

(a) The Contractor agrees to comply with the following Federal Acquisition Regulation (FAR) clause which, if checked, is included in this contract by reference to implement a provision of law applicable to acquisitions of commercial items or components.

___ 52.203-3, Gratuities (APR 1984) (10 U.S.C. 2207).

(b) The Contractor agrees to comply with any clause that is checked on the following list of Defense FAR Supplement clauses which, if checked, is included in this contract by reference to implement provisions of law or Executive orders applicable to acquisitions of commercial items or components.

- (1) 252.203-7000, Requirements Relating to Compensation of Former DoD Officials (SEP 2011) (Section 847 of Pub. L. 110-181).
- (2) 252.203-7003, Agency Office of the Inspector General (DEC 2012) (section 6101 of Pub. L. 110-252, 41 U.S.C. 3509).
- (3) ___ 252.205-7000, Provision of Information to Cooperative Agreement Holders (DEC 1991) (10 U.S.C. 2416).
- (4) ___ 252.219-7003, Small, Small Disadvantaged and Women-Owned Small Business Subcontracting Plan (DoD Contracts) (AUG 2012) (15 U.S.C. 637).
- (5) ___ 252.219-7004, Small, Small Disadvantaged and Women-Owned Small Business Subcontracting Plan (Test Program) (JAN 2011) (15 U.S.C. 637 note).
- (6)(i) 252.225-7001, Buy American Act and Balance of Payments Program (DEC 2012) (41 U.S.C. 10a-10d, E.O. 10582).
- (ii) ___ Alternate I (OCT 2011) of 252.225-7001.
- (7) ___ 252.225-7008, Restriction on Acquisition of Specialty Metals (MAR 2013) (10 U.S.C. 2533b).
- (8) ___ 252.225-7009, Restriction on Acquisition of Certain Articles Containing Specialty Metals (MAR 2013) (10 U.S.C. 2533b).
- (9) ___ 252.225-7012, Preference for Certain Domestic Commodities (FEB 2013) (10 U.S.C. 2533a).
- (10) ___ 252.225-7015, Restriction on Acquisition of Hand or Measuring Tools (JUN 2005) (10 U.S.C. 2533a).
- (11) ___ 252.225-7016, Restriction on Acquisition of Ball and Roller Bearings (Jun 2011) (Section 8065 of Public Law 107-117 and the same restriction in subsequent DoD appropriations acts).

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

Page 27 of 52

PIIN/SIIN W56HZV-13-T-0024

MOD/AMD

Name of Offeror or Contractor:

- (12) ___ 252.225-7017, Photovoltaic Devices (DEC 2012) (Section 846 of Pub. L. 111-383).
- (13)(i) ___ 252.225-7021, Trade Agreements (DEC 2012) (19 U.S.C. 2501-2518 and 19 U.S.C. 3301 note).
- (ii) ___ Alternate I (OCT 2011) of 252.225-7021.
- (iii) ___ Alternate II (OCT 2011) of 252.225-7021.
- (14) ___ 252.225-7027, Restriction on Contingent Fees for Foreign Military Sales (APR 2003) (22 U.S.C. 2779).
- (15) ___ 252.225-7028, Exclusionary Policies and Practices of Foreign Governments (APR 2003) (22 U.S.C. 2755).
- (16)(i) ___ 252.225-7036, Buy American Act--Free Trade Agreements--Balance of Payments Program (DEC 2012) (41 U.S.C. 10a-10d and 19 U.S.C. 3301 note).
- (ii) ___ Alternate I (JUN 2012) of 252.225-7036.
- (iii) ___ Alternate II (NOV 2012) of 252.225-7036.
- (iv) ___ Alternate III (JUN 2012) of 252.225-7036.
- (v) ___ Alternate IV (NOV 2012) of 252.225-7036.
- (vi) ___ Alternate V (NOV 2012) of 252.225-7036.
- (17) ___ 252.225-7038, Restriction on Acquisition of Air Circuit Breakers (JUN 2005) (10 U.S.C. 2534(a)(3)).
- (18) ___ 252.225-7039, Contractors Performing Private Security Functions (JUN 2012) (Section 862 of Pub. L. 110-181, as amended by section 853 of Pub. L. 110-417 and sections 831 and 832 of Pub. L. 111-383).
- (19) ___ 252.226-7001, Utilization of Indian Organizations, Indian-Owned Economic Enterprises, and Native Hawaiian Small Business Concerns (SEP 2004) (Section 8021 of Public Law 107-248 and similar sections in subsequent DoD appropriations acts).
- (20) X 252.227-7013, Rights in Technical Data--Noncommercial Items (MAY 2013), if applicable (see 227.7103-6(a)).
- (21) ___ 252.227-7015, Technical Data--Commercial Items (MAY 2013) (10 U.S.C. 2320).
- (22) ___ 252.227-7037, Validation of Restrictive Markings on Technical Data (JUN 2012) (10 U.S.C. 2321).
- (23) ___ 252.232-7003, Electronic Submission of Payment Requests and Receiving Reports (MAR 2008) (10 U.S.C. 2227).
- (24) X 252.237-7010, Prohibition on Interrogation of Detainees by Contractor Personnel (NOV 2010) (Section 1038 of Pub. L. 111-84).
- (25) ___ 252.237-7019, Training for Contractor Personnel Interacting with Detainees (DEC 2010) (Section 1092 of Public Law 108-375).
- (26) ___ 252.243-7002, Requests for Equitable Adjustment (DEC 2012) (10 U.S.C. 2410).
- (27) ___ 252.246-7004, Safety of Facilities, Infrastructure, and Equipment for Military Operations (OCT 2010) (Section 807 of Public Law 111-84).
- (28) ___ 252.247-7003, Pass-Through of Motor Carrier Fuel Surcharge Adjustment to the Cost Bearer (SEP 2010) (Section 884 of Public Law 110-417).
- (29)(i) ___ 252.247-7023, Transportation of Supplies by Sea (MAY 2002) (10 U.S.C. 2631).
- (ii) ___ Alternate I (MAR 2000) of 252.247-7023.
- (iii) ___ Alternate II (MAR 2000) of 252.247-7023.
- (iv) X Alternate III (MAY 2002) of 252.247-7023.
- (30) ___ 252.247-7024, Notification of Transportation of Supplies by Sea (MAR 2000) (10 U.S.C. 2631).
- (31) ___ 252.247-7027, Riding Gang Member Requirements (OCT 2011) (Section 3504 of Pub. L. 110-417).

Name of Offeror or Contractor:

(c) In addition to the clauses listed in paragraph (e) of the Contract Terms and Conditions Required to Implement Statutes or Executive Orders--Commercial Items clause of this contract (FAR 52.212-5), the Contractor shall include the terms of the following clauses, if applicable, in subcontracts for commercial items or commercial components, awarded at any tier under this contract:

- (1) 252.225-7039, Contractors Performing Private Security Functions (JUN 2012) (Section 862 of Pub. L. 110-181, as amended by section 853 of Pub. L. 110-417 and sections 831 and 832 of Pub. L. 111-383).
- (2) 252.227-7013, Rights in Technical Data--Noncommercial Items (MAY 2013), if applicable (see 227.7103-6(a)).
- (3) 252.227-7015, Technical Data--Commercial Items (MAY 2013), if applicable (see 227.7102-4(a)).
- (4) 252.227-7037, Validation of Restrictive Markings on Technical Data (JUN 2012), if applicable (see 227.7102-4(c)).
- (5) 252.237-7010, Prohibition on Interrogation of Detainees by Contractor Personnel (NOV 2010) (Section 1038 of Pub. L. 111-84).
- (6) 252.237-7019, Training for Contractor Personnel Interacting with Detainees (SEP 2006) (Section 1092 of Public Law 108-375).
- (7) 252.247-7003, Pass-Through of Motor Carrier Fuel Surcharge Adjustment to the Cost Bearer (SEP 2010) (Section 884 of Public Law 110-417).
- (8) 252.247-7023, Transportation of Supplies by Sea (MAY 2002) (10 U.S.C. 2631).
- (9) 252.247-7024, Notification of Transportation of Supplies by Sea (MAR 2000) (10 U.S.C. 2631).

(End of clause)

98

52.219-28

POST-AWARD SMALL BUSINESS PROGRAM REREPRESENTATION

APR/2012

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

"Long-term contract" means a contract of more than five years in duration, including options. However, the term does not include contracts that exceed five years in duration because the period of performance has been extended for a cumulative period not to exceed six months under the clause at 52.217-8, Option to Extend Services, or other appropriate authority.

"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 (c) of this clause. Such a concern is "not dominant in its field of operation" when it does not exercise a controlling or major influence on a national basis in a kind of business activity in which a number of business concerns are primarily engaged. In determining whether dominance exists, consideration shall be given to all appropriate factors, including volume of business, number of employees, financial resources, competitive status or position, ownership or control of materials, processes, patents, license agreements, facilities, sales territory, and nature of business activity.

(b) If the Contractor represented that it was a small business concern prior to award of this contract, the Contractor shall rerepresent its size status according to paragraph (e) of this clause or, if applicable, paragraph (g) of this clause, upon the occurrence of any of the following:

(1) Within 30 days after execution of a novation agreement or within 30 days after modification of the contract to include this clause, if the novation agreement was executed prior to inclusion of this clause in the contract.

(2) Within 30 days after a merger or acquisition that does not require a novation or within 30 days after modification of the contract to include this clause, if the merger or acquisition occurred prior to inclusion of this clause in the contract.

(3) For long-term contracts

(i) Within 60 to 120 days prior to the end of the fifth year of the contract; and

(ii) Within 60 to 120 days prior to the date specified in the contract for exercising any option thereafter.

(c) The Contractor shall rerepresent its size status in accordance with the size standard in effect at the time of this rerepresentation that corresponds to the North American Industry Classification System (NAICS) code assigned to this contract. The small business size standard corresponding to this NAICS code can be found at <http://www.sba.gov/content/table-small-business-size-standards>

CONTINUATION SHEET	Reference No. of Document Being Continued	Page 30 of 52
	PIIN/SIIN W56HZV-13-T-0024	MOD/AMD

Name of Offeror or Contractor:

hazardous materials;

- (ii) Obtain medical treatment for those affected by the material; and
- (iii) Have others use, duplicate, and disclose the data for the Government for these purposes.

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

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

(End of Clause)

100 52.223-11 OZONE-DEPLETING SUBSTANCES MAY/2001

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

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

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

Warning

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

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

(End of Clause)

101 52.252-2 CLAUSES INCORPORATED BY REFERENCE FEB/1998

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

<http://www.acq.osd.mil/dpap/dars/far.html> or <http://www.acq.osd.mil/dpap/dars/index.htm> or <http://farsite.hill.af.mil/VFAFARa.HTM>

(End of Clause)

102 52.252-6 AUTHORIZED DEVIATIONS IN CLAUSES APR/1984

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

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

(End of Clause)

103 252.223-7001 HAZARD WARNING LABELS DEC/1991

Name of Offeror or Contractor:

(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 labeling 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 labeled 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
_____	_____
_____	_____
_____	_____

(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)

104 52.204-4009 MANDATORY USE OF CONTRACTOR TO GOVERNMENT ELECTRONIC COMMUNICATION MAR/2005

(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 website:

<http://contracting.tacom.army.mil/acqinfo/ebidnotice.htm>

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

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

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

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

[End of Clause]

CONTINUATION SHEET**Reference No. of Document Being Continued****Page 32 of 52**

PIIN/SIIN W56HZV-13-T-0024

MOD/AMD

Name of Offeror or Contractor:

LIST OF ATTACHMENTS

<u>List of Addenda</u>	<u>Title</u>	<u>Date</u>	<u>Number of Pages</u>	<u>Transmitted By</u>
Exhibit A	CONTRACT DATA REQUIREMENTS LIST (CDRL) DD FORM 1423	22-FEB-2013	005	DATA
Attachment 0001	SPECIAL TOOLING DRAWINGS/MODELS AND ASSOCIATED LISTS	26-FEB-2013	002	DATA
Attachment 0002	MODELING AND SIMULATION (M&S) VERIFICATION AND VALIDATION (V&V) REPORT	07-FEB-2008	001	DATA
Attachment 0003	RECORD OF MEETING MINUTES	20-NOV-1995	002	DATA
Attachment 0004	ADDRESS LIST FOR ECP, RFD, NOR		001	DATA

105 52.204-4500 ADDITIONAL ATTACHMENTS FEB/2012
TACOM (RI)

The following documents are hereby attached by reference and may form a part of this acquisition. These documents are available in electronic format on the internet via the link named Standard Solicitation Attachments (ARDEC/ECBC Procurements) at http://contracting.tacom.army.mil/acqinfo/SolAttchARDEC_ECBC.htm. Vendors should ensure that they have the correct attachments in their possession prior to submitting a bid/proposal/quote.

Title / Number of Pages

Instructions and Address Code Distribution (ARDEC or Chem-Bio)

See <http://contracting.tacom.army.mil/engr/engrchange.htm>

1 Pg

Address List ACC-Warren(DTA) and DLA Land Warren

1 Pg

Data Delivery Description Engineering Change Proposal

9 Pgs

Data Delivery Description Notice of Revision

2 Pgs

Data Delivery Description Request for Deviation

4 Pgs

Guidance on Documentation of Contract Data Requirements List (CDRL)

2 Pgs

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

Page 33 of 52

PIIN/SIIN W56HZV-13-T-0024

MOD/AMD

Name of Offeror or Contractor:

REPRESENTATIONS, CERTIFICATIONS, AND OTHER STATEMENTS OF OFFERORS

106	52.204-7	CENTRAL CONTRACTOR REGISTRATION	DEC/2012
107	52.225-25	PROHIBITION ON CONTRACTING WITH ENTITIES ENGAGING IN SANCTIONED ACTIVITIES RELATING TO IRAN--REPRESENTATION AND CERTIFICATION	DEC/2012
108	252.203-7005	REPRESENTATION RELATING TO COMPENSATION OF FORMER DOD OFFICIALS	NOV/2011
109	252.209-7002	DISCLOSURE OF OWNERSHIP OR CONTROL BY A FOREIGN GOVERNMENT	JUN/2010
110	252.227-7017	IDENTIFICATION AND ASSERTION OF USE, RELEASE, OR DISCLOSURE RESTRICTIONS	JAN/2011
111	252.227-7028	TECHNICAL DATA OR COMPUTER SOFTWARE PREVIOUSLY DELIVERED TO THE GOVERNMENT	JUN/1995
112	252.204-7007	ALTERNATE A, ANNUAL REPRESENTATIONS AND CERTIFICATIONS	MAY/2013

Substitute the following paragraphs (d) and (e) for paragraph (d) of the provision at FAR 52.204-8:

(d)(1) The following representations or certifications in the System for Award Management (SAM) database are applicable to this solicitation as indicated:

(i) 252.209-7001, Disclosure of Ownership or Control by the Government of a Terrorist Country. Applies to all solicitations expected to result in contracts of \$150,000 or more.

(ii) 252.209-7003, Reserve Officer Training Corps and Military Recruiting on CampusRepresentation. Applies to all solicitations with institutions of higher education.

(iii) 252.216-7008, Economic Price AdjustmentWage Rates or Material Prices Controlled by a Foreign Government. Applies to solicitations for fixed-price supply and service contracts when the contract is to be performed wholly or in part in a foreign country, and a foreign government controls wage rates or material prices and may during contract performance impose a mandatory change in wages or prices of materials.

(iv) 252.225-7042, Authorization to Perform. Applies to all solicitations when performance will be wholly or in part in a foreign country.

(v) 252.229-7012, Tax Exemptions (Italy)Representation. Applies to solicitations and contracts when contract performance will be in Italy.

(vi) 252.229-7013, Tax Exemptions (Spain)Representation. Applies to solicitations and contracts when contract performance will be in Spain.

(vii) 252.247-7022, Representation of Extent of Transportation by Sea. Applies to all solicitations except those for direct purchase of ocean transportation services or those with an anticipated value at or below the simplified acquisition threshold.

(2) The following representations or certifications in SAM are applicable to this solicitation as indicated by the Contracting Officer:

___ (i) 252.209-7002, Disclosure of Ownership or Control by a Foreign Government.

___ (ii) 252.225-7000, Buy AmericanBalance of Payments Program Certificate.

___ (iii) 252.225-7020, Trade Agreements Certificate.

___ Use with Alternate I.

___ (iv) 252.225-7022, Trade Agreements CertificateInclusion of Iraqi End Products.

___ (v) 252.225-7031, Secondary Arab Boycott of Israel.

___ (vi) 252.225-7035, Buy AmericanFree Trade AgreementsBalance of Payments Program Certificate.

___ Use with Alternate I.

___ Use with Alternate II.

___ Use with Alternate III.

___ Use with Alternate IV.

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

Page 34 of 52

PIIN/SIIN W56HZV-13-T-0024

MOD/AMD

Name of Offeror or Contractor:

___ Use with Alternate V.

(e) The offeror has completed the annual representations and certifications electronically via the SAM website at <https://www.acquisition.gov/>. After reviewing the ORCA database information, the offeror verifies by submission of the offer that the representations and certifications currently posted electronically that apply to this solicitation as indicated in FAR 52.204-8(c) and paragraph (d) of this provision have been entered or updated within the last 12 months, are current, accurate, complete, and applicable to this solicitation (including the business size standard applicable to the NAICS code referenced for this solicitation), as of the date of this offer, and are incorporated in this offer by reference (see FAR 4.1201); except for the changes identified below [offeror to insert changes, identifying change by provision number, title, date]. These amended representation(s) and/or certification(s) are also incorporated in this offer and are current, accurate, and complete as of the date of this offer.

FAR/DFARS Provision #	Title	Date	Change
_____	_____	_____	_____
_____	_____	_____	_____

Any changes provided by the offeror are applicable to this solicitation only, and do not result in an update to the representations and certifications located in the SAM database.

(End of provision)

113	52.212-3	OFFERORS REPRESENTATIONS AND CERTIFICATIONS--COMMERCIAL ITEMS (DEC 2012) - ALTERNATE I (APR 2011)	APR/2011
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An offeror shall complete only paragraph (b) of this provision if the offeror has completed the annual representations and certificates electronically via https://www.acquisition.gov. If an offeror has not completed the annual representations and certifications electronically at the ORCA website, the offeror shall complete only paragraphs (c) through (o) of this provision.

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

"Economically disadvantaged women-owned small business (EDWOSB) concern" means a small business concern that is at least 51 percent directly and unconditionally owned by, and the management and daily business operations of which are controlled by, one or more women who are citizens of the United States and who are economically disadvantaged in accordance with 13 CFR part 127. It automatically qualifies as a women-owned small business eligible under the WOSB Program.

"Forced or indentured child labor" means all work or service--

(1) Exacted from any person under the age of 18 under the menace of any penalty for its nonperformance and for which the worker does not offer himself voluntarily; or

(2) Performed by any person under the age of 18 pursuant to a contract the enforcement of which can be accomplished by process or penalties.

"Inverted domestic corporation" as used in this section, means a foreign incorporated entity which is treated as an inverted domestic corporation under 6 U.S.C. 395(b), i.e., a corporation that used to be incorporated in the United States, or used to be a partnership in the United States, but now is incorporated in a foreign country, or is a subsidiary whose parent corporation is incorporated in a foreign country, that meets the criteria specified in 6 U.S.C. 395(b), applied in accordance with the rules and definitions of 6 U.S.C. 395(c). An inverted domestic corporation as herein defined does not meet the definition of an inverted domestic corporation as defined by the Internal Revenue Code at 26 U.S.C. 7874.

"Manufactured end product" means any end product in Federal Supply Classes (FSC) 1000-9999, except--

(1) FSC 5510, Lumber and Related Basic Wood Materials;

(2) Federal Supply Group (FSG) 87, Agricultural Supplies;

(3) FSG 88, Live Animals;

(4) FSG 89, Food and Related Consumables;

Name of Offeror or Contractor:

- (5) FSC 9410, Crude Grades of Plant Materials;
- (6) FSC 9430, Miscellaneous Crude Animal Products, Inedible;
- (7) FSC 9440, Miscellaneous Crude Agricultural and Forestry Products;
- (8) FSC 9610, Ores;
- (9) FSC 9620, Minerals, Natural and Synthetic; and
- (10) FSC 9630, Additive Metal Materials.

"Place of manufacture" means the place where an end product is assembled out of components, or otherwise made or processed from raw materials into the finished product that is to be provided to the Government. If a product is disassembled and reassembled, the place of reassembly is not the place of manufacture.

"Restricted business operations" means business operations in Sudan that include power production activities, mineral extraction activities, oil-related activities, or the production of military equipment, as those terms are defined in the Sudan Accountability and Divestment Act of 2007 (Pub. L. 110-174). Restricted business operations do not include business operations that the person (as that term is defined in Section 2 of the Sudan Accountability and Divestment Act of 2007) conducting the business can demonstrate--

- (1) Are conducted under contract directly and exclusively with the regional government of southern Sudan;
- (2) Are conducted pursuant to specific authorization from the Office of Foreign Assets Control in the Department of the Treasury, or are expressly exempted under Federal law from the requirement to be conducted under such authorization;
- (3) Consist of providing goods or services to marginalized populations of Sudan;
- (4) Consist of providing goods or services to an internationally recognized peacekeeping force or humanitarian organization;
- (5) Consist of providing goods or services that are used only to promote health or education; or
- (6) Have been voluntarily suspended.

"Sensitive technology"--

- (1) Means hardware, software, telecommunications equipment, or any other technology that is to be used specifically--
 - (i) To restrict the free flow of unbiased information in Iran; or
 - (ii) To disrupt, monitor, or otherwise restrict speech of the people of Iran; and
- (2) Does not include information or informational materials the export of which the President does not have the authority to regulate or prohibit pursuant to section 203(b)(3) of the International Emergency Economic Powers Act (50 U.S.C. 1702(b)(3)).

"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 size standards in this solicitation.

"Subsidiary" means an entity in which more than 50 percent of the entity is owned--

- (1) Directly by a parent corporation; or

Name of Offeror or Contractor:

(2) Through another subsidiary of a parent corporation.

"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 business concern" means a concern which 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 its stock is owned by one or more women; and whose management and daily business operations are controlled by one or more women.

"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.

"Women-owned small business (WOSB) concern eligible under the WOSB Program" (in accordance with 13 CFR part 127), means a small business concern that is at least 51 percent directly and unconditionally owned by, and the management and daily business operations of which are controlled by, one or more women who are citizens of the United States.

(b)(1) Annual Representations and Certifications. Any changes provided by the offeror in paragraph (b)(2) of this provision do not automatically change the representations and certifications posted on the Online Representations and Certifications Application (ORCA) website.

(2) The offeror has completed the annual representations and certifications electronically via the ORCA website accessed through <https://www.acquisition.gov>. After reviewing the ORCA database information, the offeror verifies by submission of this offer that the representations and certifications currently posted electronically at FAR 52.212-3, Offeror Representations and Certifications-- Commercial Items, have been entered or updated in the last 12 months, are current, accurate, complete, and applicable to this solicitation (including the business size standard applicable to the NAICS code referenced for this solicitation), as of the date of this offer and are incorporated in this offer by reference (see FAR 4.1201), except for paragraphs _____. [Offeror to identify the applicable paragraphs at (c) through (o) of this provision that the offeror has completed for the purposes of this solicitation only, if any. These amended representation(s) and/or certification(s) are also incorporated in this offer and are current, accurate, and complete as of the date of this offer. Any changes provided by the offeror are applicable to this solicitation only, and do not result in an update to the representations and certifications posted electronically on ORCA.]

(c) Offerors must complete the following representations when the resulting contract is to be performed in the United States or its outlying areas. Check all that apply.

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

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

(3) Service-disabled veteran-owned small business concern. [Complete only if the offeror represented itself as a veteran-owned small business concern in paragraph (c)(2) of this provision.] The offeror represents as part of its offer that it
___ is,
___ is not a service-disabled veteran-owned small business concern.

(4) Small disadvantaged business concern. [Complete only if the offeror represented itself as a small business concern in paragraph (c)(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.

(5) Women-owned small business concern. [Complete only if the offeror represented itself as a small business concern in paragraph (c)(1) of this provision.] The offeror represents that it
___ is,

Name of Offeror or Contractor:

___ is not a women-owned small business concern.

(6) WOSB concern eligible under the WOSB Program. [Complete only if the offeror represented itself as a women-owned small business concern in paragraph (c)(5) of this provision.] The offeror represents that--

(i) It ___ is, ___ is not a WOSB concern eligible under the WOSB Program, has provided all the required documents to the WOSB Repository, and no change in circumstances or adverse decisions have been issued that affects its eligibility; and

(ii) It ___ is, ___ is not a joint venture that complies with the requirements of 13 CFR part 127, and the representation in paragraph (c)(6)(i) of this provision is accurate for each WOSB concern eligible under the WOSB Program participating in the joint venture. [The offeror shall enter the name or names of the WOSB concern eligible under the WOSB Program and other small businesses that are participating in the joint venture:]

Each WOSB concern eligible under the WOSB Program participating in the joint venture shall submit a separate signed copy of the WOSB representation.

(7) Economically disadvantaged women-owned small business (EDWOSB) concern. [Complete only if the offeror represented itself as a WOSB concern eligible under the WOSB Program in (c)(6) of this provision.] The offeror represents that--

(i) It ___ is, ___ is not an EDWOSB concern, has provided all the required documents to the WOSB Repository, and no change in circumstances or adverse decisions have been issued that affects its eligibility; and

(ii) It ___ is, ___ is not a joint venture that omplies with the requirements of 13 CFR part 127, and the representation in paragraph (c)(7)(i) of this provision is accurate for each EDWOSB concern participating in the joint venture. [The offeror shall enter the name or names of the EDWOSB concern and other small businesses that are participating in the joint venture:]

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

Note: Complete paragraphs (c)(8) and (c)(9) only if this solicitation is expected to exceed the simplified acquisition threshold.

(8) Women-owned business concern (other than small business concern). [Complete only if the offeror is a women-owned business concern and did not represent itself as a small business concern in paragraph (c)(1) of this provision.]. The offeror represents that it ___ is, a women-owned business concern.

(9) Tie bid priority for labor surplus area concerns. If this is an invitation for bid, small business offerors may identify the labor surplus areas in which costs to be incurred on account of manufacturing or production (by offeror or first-tier subcontractors) amount to more than 50 percent of the contract price:

(10) [Complete only if the solicitation contains the clause at FAR 52.219-23, Notice of Price Evaluation Adjustment for Small Disadvantaged Business Concerns, or FAR 52.219-25, Small Disadvantaged Business Participation Program Disadvantaged Status and Reporting, and the offeror desires a benefit based on its disadvantaged status.]

(i) General. The offeror represents that either

(A) It ___ is, ___ is not certified by the Small Business Administration as a small disadvantaged business concern and identified, on the date of this representation, as a certified small disadvantaged business concern in the CCR Dynamic Small Business Search database maintained by the Small Business Administration (PRO-Net), and that no material change in disadvantaged ownership and control has occurred since its certification, and, where the concern is owned by one or more individuals claiming disadvantaged status, the net worth of each individual upon whom the certification is based does not exceed \$750,000 after taking into account the applicable exclusions set forth at 13 CFR 124.104(c)(2); or

(B) It ___ has, ___ has not submitted a completed application to the Small Business Administration or a Private Certifier to be certified as a small disadvantaged business concern in accordance with 13 CFR 124, Subpart B, and a decision on that application is pending, and that no material change in disadvantaged ownership and control has occurred since its application was submitted.

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

Page 38 of 52

PIIN/SIIN W56HZV-13-T-0024

MOD/AMD

Name of Offeror or Contractor:

(ii) Joint Ventures under the Price Evaluation Adjustment for Small Disadvantaged Business Concerns. The offeror represents, as part of its offer, that it is a joint venture that complies with the requirements in 13 CFR 124.1002(f) and that the representation in paragraph (c)(10)(i) of this provision is accurate for the small disadvantaged business concern that is participating in the joint venture. [The offeror shall enter the name of the small disadvantaged business concern that is participating in the joint venture: _____.]

(11) HUBZone small business concern. [Complete only if the offeror represented itself as a small business concern in paragraph (c)(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 changes in ownership and control, principal office, or HUBZone employee percentage have occurred since it was certified in accordance with 13 CFR Part 126; and

(ii) It ___ is, ___ not a HUBZone joint venture that complies with the requirements of 13 CFR Part 126, and the representation in paragraph (c)(11)(i) of this provision is accurate for each HUBZone small business concern participating in the HUBZone joint venture. [The offeror shall enter the names of each of the HUBZone small business concerns participating in the HUBZone joint venture: _____.] Each HUBZone small business concern participating in the HUBZone joint venture shall submit a separate signed copy of the HUBZone representation.

(12) (Complete if the offeror has represented itself as disadvantaged in paragraph (c)(4) or (c)(8) 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 or 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.

(d) Representations required to implement provisions of Executive Order 11246 --

(1) Previous contracts and compliance. The offeror represents that --

(i) It ___ has, ___ has not, participated in a previous contract or subcontract subject to the Equal Opportunity clause of this solicitation; and

(ii) It ___ has, ___ has not, filed all required compliance reports.

(2) Affirmative Action Compliance. The offeror represents that --

(i) It ___ has developed and has on file, ___ has not developed and does not have on file, at each establishment, affirmative action programs required by rules and regulations of the Secretary of Labor (41 CFR parts 60-1 and 60-2), or

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

(e) Certification Regarding Payments to Influence Federal Transactions (31 U.S.C. 1352). (Applies only if the contract is expected to exceed \$150,000.) By submission of its offer, the offeror certifies to the best of its knowledge and belief that no Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress or an employee of a Member of Congress on his or her behalf in connection with the award of any resultant contract.

(f) Buy American Act Certificate. (Applies only if the clause at Federal Acquisition Regulation (FAR) 52.225-1, Buy American Act Supplies, is included in this solicitation.)

CONTINUATION SHEET

Reference No. of Document Being Continued

PIIN/SIIN W56HZV-13-T-0024

MOD/AMD

Name of Offeror or Contractor:

(1) The offeror certifies that each end product, except those listed in paragraph (f)(2) of this provision, is a domestic end product and that for other than COTS items, the offeror has considered components of unknown origin to have been mined, produced, or manufactured outside the United States. The offeror shall list as foreign end products those end products manufactured in the United States that do not qualify as domestic end products, i.e., an end product that is not a COTS item and does not meet the component test in paragraph (2) of the definition of "domestic end product." The terms "commercially available off-the-shelf (COTS) item," "component," "domestic end product," "end product," "foreign end product," and "United States" are defined in the clause of this solicitation entitled "Buy American Act--Supplies."

(2) Foreign End Products:

LINE ITEM NO.	COUNTRY OF ORIGIN
[List as necessary]	

(3) The Government will evaluate offers in accordance with the policies and procedures of FAR Part 25.

(g)(1) Buy American Act--Free Trade Agreements--Israeli Trade Act Certificate. (Applies only if the clause at FAR 52.225-3, Buy American Act--Free Trade Agreements--Israeli Trade Act, is included in this solicitation.)

(i) The offeror certifies that each end product, except those listed in paragraph (g)(1)(ii) or (g)(1)(iii) of this provision, is a domestic end product and that for other than COTS items, the offeror has considered components of unknown origin to have been mined, produced, or manufactured outside the United States. The terms "Bahrainian, Moroccan, Omani, Panamanian, or Peruvian end product," "commercially available off-the-shelf (COTS) item," "component," "domestic end product," "end product," "foreign end product," "Free Trade Agreement country," "Free Trade Agreement country end product," "Israeli end product," and "United States" are defined in the clause of this solicitation entitled "Buy American Act--Free Trade Agreements--Israeli Trade Act."

(ii) The offeror certifies that the following supplies are Free Trade Agreement country end products (other than Bahrainian, Moroccan, Omani, Panamanian, or Peruvian end products) or Israeli end products as defined in the clause of this solicitation entitled "Buy American Act--Free Trade Agreements--Israeli Trade Act":

Free Trade Agreement Country End Products (Other than Bahrainian, Moroccan, Omani, Panamanian, or Peruvian End Products) or Israeli End Products:

LINE ITEM NO.	COUNTRY OF ORIGIN
[List as necessary]	

(iii) The offeror shall list those supplies that are foreign end products (other than those listed in paragraph (g)(1)(ii) or this provision) as defined in the clause of this solicitation entitled Buy American Act -- Free Trade Agreements -- Israeli Trade Act. The offeror shall list as other foreign end products those end products manufactured in the United States that do not qualify as domestic end products, i.e., an end product that is not a COTS item and does not meet the component test in paragraph (2) of the definition of "domestic end product."

Other Foreign End Products:

Line Item No.	Country of Origin
[List as necessary]	

(iv) The Government will evaluate offers in accordance with the policies and procedures of FAR Part 25.

(2) Buy American Act -- Free Trade Agreements -- Israeli Trade Act Certificate, Alternate I. If Alternate I to the clause at FAR 52.225-3 is included in this solicitation, substitute the following paragraph (g)(1)(ii) for paragraph (g)(1)(ii) of the basic provision:

CONTINUATION SHEET

Reference No. of Document Being Continued

PIIN/SIIN W56HZV-13-T-0024

MOD/AMD

Name of Offeror or Contractor:

(g)(1)(ii) The offeror certifies that the following supplies are Canadian end products as defined in the clause of this solicitation entitled Buy American Act -- Free Trade Agreements -- Israeli Trade Act:

Canadian End Products:

Line Item No.:

[List as necessary]

(3) Buy American Act -- Free Trade Agreements -- Israeli Trade Act Certificate, Alternate II. If Alternate II to the clause at FAR 52.225-3 is included in this solicitation, substitute the following paragraph (g)(1)(ii) for paragraph (g)(1)(ii) of the basic provision:

(g)(1)(ii) The offeror certifies that the following supplies are Canadian end products or Israeli end products as defined in the clause of this solicitation entitled ``Buy American Act--Free Trade Agreements--Israeli Trade Act'':

Canadian or Israeli End Products:

Line Item No. Country of Origin

[List as necessary]

(4) Buy American Act--Free Trade Agreements--Israeli Trade Act Certificate, Alternate III. If Alternate III to the clause at FAR 52.225-3 is included in this solicitation, substitute the following paragraph (g)(1)(ii) for paragraph (g)(1)(ii) of the basic provision:

(g)(1)(ii) The offeror certifies that the following supplies are Free Trade Agreement country end products (other than Bahrainian, Korean, Moroccan, Omani, Panamanian, or Peruvian end products) or Israeli end products as defined in the clause of this solicitation entitled ``Buy American Act--Free Trade Agreements--Israeli Trade Act'':

Free Trade Agreement Country End Products (Other than Bahrainian, Korean, Moroccan, Omani, Panamanian, or Peruvian End Products) or Israeli End Products:

Line Item No. Country of Origin

[List as necessary]

(5) Trade Agreements Certificate. (Applies only if the clause at FAR 52.225-5, Trade Agreements, is included in this solicitation.)

(i) The offeror certifies that each end product, except those listed in paragraph (g)(4)(ii) of this provision, is a U.S.-made or designated country end product as defined in the clause of this solicitation entitled Trade Agreements.

(ii) The offeror shall list as other end products those end products that are not U.S.-made or designated country end products.

Other End Products

Line Item No. Country of Origin

[List as necessary]

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

Page 41 of 52

PIIN/SIIN W56HZV-13-T-0024

MOD/AMD

Name of Offeror or Contractor:

(iii) The Government will evaluate offers in accordance with the policies and procedures of FAR Part 25. For line items covered by the WTO GPA, the Government will evaluate offers of U.S.-made or designated country end products without regard to the restrictions of the Buy American Act. The Government will consider for award only offers of U.S.-made or designated country end products unless the Contracting Officer determines that there are no offers for such products or that the offers for such products are insufficient to fulfill the requirements of the solicitation.

(h) Certification Regarding Responsibility Matters (Executive Order 12689). (Applies only if the contract value is expected to exceed the simplified acquisition threshold.) The offeror certifies, to the best of its knowledge and belief, that the offeror and/or any of its principals--

(1) ___ Are, ___ are not presently debarred, suspended, proposed for debarment, or declared ineligible for the award of contracts by any Federal agency;

(2) ___ Have, ___ have not, within a three-year period preceding this offer, been convicted of or had a civil judgment rendered against them for: commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a Federal, state or local government contract or subcontract; violation of Federal or state antitrust statutes relating to the submission of offers; or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, tax evasion, violating Federal criminal tax laws, or receiving stolen property;

(3) ___ Are, ___ are not presently indicted for, or otherwise criminally or civilly charged by a Government entity with, commission of any of these offenses enumerated in paragraph (h)(2) of this clause; and

(4) ___ Have, ___ have not, within a three-year period preceding this offer, been notified of any delinquent Federal taxes in an amount that exceeds \$3,000 for which the liability remains unsatisfied.

(i) Taxes are considered delinquent if both of the following criteria apply:

(A) The tax liability is finally determined. The liability is finally determined if it has been assessed. A liability is not finally determined if there is a pending administrative or judicial challenge. In the case of a judicial challenge to the liability, the liability is not finally determined until all judicial appeal rights have been exhausted.

(B) The taxpayer is delinquent in making payment. A taxpayer is delinquent if the taxpayer has failed to pay the tax liability when full payment was due and required. A taxpayer is not delinquent in cases where enforced collection action is precluded.

(ii) Examples.

(A) The taxpayer has received a statutory notice of deficiency, under I.R.C. Sec. 6212, which entitles the taxpayer to seek Tax Court review of a proposed tax deficiency. This is not a delinquent tax because it is not a final tax liability. Should the taxpayer seek Tax Court review, this will not be a final tax liability until the taxpayer has exercised all judicial appeal rights.

(B) The IRS has filed a notice of Federal tax lien with respect to an assessed tax liability, and the taxpayer has been issued a notice under I.R.C. Sec. 6320 entitling the taxpayer to request a hearing with the IRS Office of Appeals contesting the lien filing, and to further appeal to the Tax Court if the IRS determines to sustain the lien filing. In the course of the hearing, the taxpayer is entitled to contest the underlying tax liability because the taxpayer has had no prior opportunity to contest the liability. This is not a delinquent tax because it is not a final tax liability. Should the taxpayer seek tax court review, this will not be a final tax liability until the taxpayer has exercised all judicial appeal rights.

(C) The taxpayer has entered into an installment agreement pursuant to I.R.C. Sec. 6159. The taxpayer is making timely payments and is in full compliance with the agreement terms. The taxpayer is not delinquent because the taxpayer is not currently required to make full payment.

(D) The taxpayer has filed for bankruptcy protection. The taxpayer is not delinquent because enforced collection action is stayed under 11 U.S.C. 362 (the Bankruptcy Code).

(i) Certification Regarding Knowledge of Child Labor for Listed End Products (Executive Order 13126). [The Contracting Officer must list in paragraph (i)(1) any end products being acquired under this solicitation that are included in the List of Products Requiring Contractor Certification as to Forced or Indentured Child Labor, unless excluded at 22.1503(b).]

(1) Listed End Product

Listed End Product

Listed Countries of Origin

Name of Offeror or Contractor:

(2) Certification. [If the Contracting Officer has identified end products and countries of origin in paragraph (i)(1) of this provision, then the offeror must certify to either (i)(2)(i) or (i)(2)(ii) by checking the appropriate block.]

[] (i) The offeror will not supply any end product listed in paragraph (i)(1) of this provision that was mined, produced, or manufactured in the corresponding country as listed for that product.

[] (ii) The offeror may supply an end product listed in paragraph (i)(1) of this provision that was mined, produced, or manufactured in the corresponding country as listed for that product. The offeror certifies that it has made a good faith effort to determine whether forced or indentured child labor was used to mine, produce, or manufacture any such end product furnished under this contract. On the basis of those efforts, the offeror certifies that it is not aware of any such use of child labor.

(j) Place of manufacture. (Does not apply unless the solicitation is predominantly for the acquisition of manufactured end products.) For statistical purposes only, the offeror shall indicate whether the place of manufacture of the end products it expects to provide in response to this solicitation is predominantly

(1) [] In the United States (Check this box if the total anticipated price of offered end products manufactured outside the United States); or

(2) [] Outside the United States.

(k) Certificates regarding exemptions from the application of the Service Contract Act. (Certification by the offeror as to its compliance with respect to the contract also constitutes its certification as to compliance by its subcontractor if it subcontracts out the exempt services.) [The contracting officer is to check a box to indicate if paragraph (k)(1) or (k)(2) applies.]

(1) [] Maintenance, calibration, or repair of certain equipment as described in FAR 22.1003-4(c)(1). The offeror [] does [] does not certify that

(i) The items of equipment to be serviced under this contract are used regularly for other than Governmental purposes and are sold or traded by the offeror (or subcontractor in the case of an exempt subcontract) in substantial quantities to the general public in the course of normal business operations;

(ii) The services will be furnished at prices which are, or are based on, established catalog or market prices (see FAR 22.1003-4(c)(2)(ii)) for the maintenance, calibration, or repair of such equipment; and

(iii) The compensation (wage and fringe benefits) plan for all service employees performing work under the contract will be the same as that used for these employees and equivalent employees servicing the same equipment of commercial customers.

(2) [] Certain services as described in FAR 22.1003-4(d)(1). The offeror [] does [] does not certify that

(i) The services under the contract are offered and sold regularly to non-Governmental customers, and are provided by the offeror (or subcontractor in the case of an exempt subcontract) to the general public in substantial quantities in the course of normal business operations;

(ii) The contract services will be furnished at prices that are, or are based on, established catalog or market prices (see FAR 22.1003-4(d)(2)(iii));

(iii) Each service employee who will perform the services under the contract will spend only a small portion of his or her time (a monthly average of less than 20 percent of the available hours on an annualized basis, or less than 20 percent of available hours during the contract period if the contract period is less than a month) servicing the Government contract; and

(iv) The compensation (wage and fringe benefits) plan for all service employees performing work under the contract is the same as that used for these employees and equivalent employees servicing commercial customers.

(3) If paragraph (k)(1) or (k)(2) of this clause applies

(i) If the offeror does not certify to the conditions in paragraph (k)(1) or (k)(2) and the Contracting Officer did not attach a Service Contract Act wage determination to the solicitation, the offeror shall notify the Contracting Officer as soon as possible; and

(ii) The Contracting Officer may not make an award to the offeror if the offeror fails to execute the certification in paragraph (k)(1) or (k)(2) of this clause or to contact the Contracting Officer as required in paragraph (k)(3)(i) of this clause.

(1) Taxpayer Identification Number (TIN) (26 U.S.C. 6109, 31 U.S.C. 7701). (Not applicable if the offeror is required to provide this information to a central contractor registration database to be eligible for award.)

Name of Offeror or Contractor:

(1) All offerors must submit the information required in paragraphs (1)(3) through (1)(5) of this provision to comply with debt collection requirements of 31 U.S.C. 7701(c) and 3325(d), reporting requirements of 26 U.S.C. 6041, 6041A, and 6050M, and implementing regulations issued by the Internal Revenue Service (IRS).

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

(3) Taxpayer Identification Number (TIN).

* TIN: _____.

* TIN has been applied for.

* TIN is not required because:

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

* Offeror is an agency or instrumentality of a foreign government;

* Offeror is an agency or instrumentality of the Federal Government.

(4) Type of organization.

* Sole proprietorship;

* Partnership;

* Corporate entity (not tax-exempt);

* Corporate entity (tax-exempt);

* Government entity (Federal, State, or local);

* Foreign government;

* International organization per 26 CFR 1.6049-4;

* Other _____.

(5) Common parent.

* Offeror is not owned or controlled by a common parent;

* Name and TIN of common parent:

Name _____.

TIN _____.

(m) Restricted business operations in Sudan. By submission of its offer, the offeror certifies that the offeror does not conduct any restricted business operations in Sudan.

(n) Prohibition on Contracting with Inverted Domestic Corporations--

(1) Relation to Internal Revenue Code. An inverted domestic corporation as herein defined does not meet the definition of an inverted domestic corporation as defined by the Internal Revenue Code 25 U.S.C. 7874.

(2) Representation. By submission of its offer, the offeror represents that--

(i) It is not an inverted domestic corporation; and

CONTINUATION SHEET	Reference No. of Document Being Continued PIIN/SIIN W56HZV-13-T-0024	Page 44 of 52 MOD/AMD
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Name of Offeror or Contractor:

- (ii) It is not a subsidiary of an inverted domestic corporation.
- (o) Prohibition on contracting with entities engaging in certain activities or transactions relating to Iran.
 - (1) The offeror shall email questions concerning sensitive technology to the Department of State at CISADA106@state.gov.
 - (2) Representation and certifications. Unless a waiver is granted or an exception applies as provided in paragraph (o)(3) of this provision, by submission of its offer, the offeror--
 - (i) Represents, to the best of its knowledge and belief, that the offeror does not export any sensitive technology to the government of Iran or any entities or individuals owned or controlled by, or acting on behalf or at the direction of, the government of Iran;
 - (ii) Certifies that the offeror, or any person owned or controlled by the offeror, does not engage in any activities for which sanctions may be imposed under section 5 of the Iran Sanctions Act; and
 - (iii) Certifies that the offeror, and any person owned or controlled by the offeror, does not knowingly engage in any transaction that exceeds \$3,000 with Iran's Revolutionary Guard Corps or any of its officials, agents, or affiliates, the property and interests in property of which are blocked pursuant to the International Emergency Economic Powers Act (50 U.S.C. 1701 et seq.) (see OFAC's Specially Designated Nationals and Blocked Persons List at <http://www.treasury.gov/ofac/downloads/tllsdsn.pdf>).
 - (3) The representation and certification requirements of paragraph (o)(2) of this provision do not apply if--
 - (i) This solicitation includes a trade agreements certification (e.g., 52.212-3(g) or a comparable agency provision); and
 - (ii) The offeror has certified that all the offered products to be supplied are designated country end products.

(End of Provision)

114 252.209-7995 REPRESENTATION BY CORPORATIONS REGARDING AN UNPAID DELINQUENT TAX APR/2013
 (DEV 2013- LIABILITY OR A FELONY CONVICTION UNDER ANY FEDERAL LAW -- FISCALYEAR
 00010) 2013 APPROPRIATIONS (DEV 2013-00010)

(a) In accordance with sections 8112 and 8113 of Division C and sections 514 and 515 of Division E of the Consolidated and Further Continuing Appropriations Act, 2013, (Pub. L. 113-6), none of the funds made available by that Act for DoD (including Military Construction funds) may be used to enter into a contract with any corporation that--

(1) Has any unpaid Federal tax liability that has been assessed, for which all judicial and administrative remedies have been exhausted or have lapsed, and that is not being paid in a timely manner pursuant to an agreement with the authority responsible for collecting the tax liability, where the awarding agency is aware of the unpaid tax liability, unless the agency has considered suspension or debarment of the corporation and made a determination that this further action is not necessary to protect the interests of the Government; or

(2) Was convicted of a felony criminal violation under any Federal law within the preceding 24 months, where the awarding agency is aware of the conviction, unless the agency has considered suspension or debarment of the corporation and made a determination that this action is not necessary to protect the interests of the Government.

(b) The Offeror represents that--

(1) It is [] is not [] a corporation that has any unpaid Federal tax liability that has been assessed, for which all judicial and administrative remedies have been exhausted or have lapsed, and that is not being paid in a timely manner pursuant to an agreement with the authority responsible for collecting the tax liability,

(2) It is [] is not [] a corporation that was convicted of a felony criminal violation under a Federal law within the preceding 24 months.

(End of provision)

115 52.213-4007 QUOTER REPRESENTATION OF EXTENT OF TRANSPORTATION BY SEA FEB/1998
 (TACOM)

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

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

Page 47 of 52

PIIN/SIIN W56HZV-13-T-0024

MOD/AMD

Name of Offeror or Contractor:

use is not obtained.

INSTRUCTIONS, CONDITIONS, AND NOTICES TO OFFERORS

120	52.212-1	INSTRUCTIONS TO OFFERORS--COMMERCIAL ITEMS	FEB/2012
121	52.214-34	SUBMISSION OF OFFERS IN THE ENGLISH LANGUAGE	APR/1991
122	52.214-35	SUBMISSIONS OF OFFERS IN U.S. CURRENCY	APR/1991
123	52.211-14	NOTICE OF PRIORITY RATING FOR NATIONAL DEFENSE, EMERGENCY PREPAREDNESS, AND ENERGY PROGRAM USE	APR/2008

Any contract awarded as a result of this solicitation will be [] DX rated order; [X] DO rated order; certified for national defense, emergency preparedness, and energy program use under the Defense Priorities and Allocations System (DPAS) (15 CFR 700), and the Contractor will be required to follow all of the requirements of this regulation.

(End of Provision)

124	52.211-1	AVAILABILITY OF SPECIFICATIONS LISTED IN THE GSA INDEX OF FEDERAL SPECIFICATIONS, STANDARDS AND COMMERCIAL ITEM DESCRIPTIONS, FPMR PART 101-29	AUG/1998
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(a) The GSA Index of Federal Specifications, Standards and Commercial Item Descriptions, FPMR Part 101-29, and copies of specifications, standards, and commercial item descriptions cited in this solicitation may be obtained for a fee by submitting a request to--

GSA Federal Supply Service
Specifications Section, Suite 8100
470 East L'Enfant Plaza SW
Washington, DC 20407

Telephone (202) 619-8925

Facsimile (202) 619-8978.

(b) If the General Services Administration, Department of Agriculture, or Department of Veterans Affairs issued this solicitation, a single copy of specifications, standards, and commercial item descriptions cited in this solicitation may be obtained free of charge by submitting a request to the addressee in paragraph (a) of this provision. Additional copies will be issued for a fee.

(End of Provision)

125	52.211-2	AVAILABILITY OF SPECIFICATIONS, STANDARDS, AND DATA ITEM DESCRIPTIONS LISTED IN THE ACQUISITION STREAMLINING AND STANDARDIZATION INFORMATION SYSTEM (ASSIST)	JAN/2006
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(a) Most unclassified Defense specifications and standards may be downloaded from the following ASSIST websites:

- (1) ASSIST (<http://assist.daps.dla.mil/>)
- (2) Quick Search (<http://assist.daps.dla.mil/quicksearch/>)
- (3) ASSISTdocs.com (<http://assistdocs.com>).

(b) Documents not available from ASSIST may be ordered from the Department of Defense Single Stock Point (DoDSSP) by

- (1) Using the ASSIST Shopping Wizard (<http://assist.daps.dla.mil/wizard/>);
- (2) Phoning the DoDSSP Customer Service Desk (215) 697-2197, Mon-Fri, 0730 to 1600 EST; or
- (3) Ordering from DoDSSP, Building 4, Section D, 700 Robbins Avenue, Philadelphia, PA 19111-5094, Telephone (215) 697-2667/2179, Facsimile (215) 697-1462.

CONTINUATION SHEET	Reference No. of Document Being Continued PIIN/SIIN W56HZV-13-T-0024	Page 48 of 52 MOD/AMD
---------------------------	---	--

Name of Offeror or Contractor:

(End of Provision)

126 52.252-1 SOLICITATION PROVISIONS INCORPORATED BY REFERENCE FEB/1998

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

<http://www.arnet.gov/far/> or <http://www.acq.osd.mil/dpap/dars/index.htm> or <http://farsite.hill.af.mil/VFAFARa.HTM>

127 52.252-5 AUTHORIZED DEVIATIONS IN PROVISIONS APR/1984

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

(b) The use in this solicitation of any DoD FAR SUPPLEMENT (48 CFR Chapter 2) provision with an authorized deviation is indicated by the addition of (DEVIATION) after the name of the regulation.

(End of clause)

128 52.211-4047 NOTICE TO OFFERORS INTENDING TO OFFER OTHER THAN NEW MATERIAL DEC/2004
(TACOM) (NEGOTIATED)

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

(b) Definitions:

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

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

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

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

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

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

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

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

(1) Offerors of other than new material must provide sufficient information from which a determination of acceptability can be made. Contractors who intend to offer other than new material are to fill out the Other Than New Material Worksheet at: http://contracting.tacom.army.mil/acqinfo/OT_NEW_MATERIAL.htm . Form must be completely filled out and is to accompany your offer.

(e) If the use of used, reconditioned, remanufactured items, unused former Government surplus property, or residual inventory are

Name of Offeror or Contractor:

approved by the Contracting Officer, we may require you to meet specific marking, inspection, and testing requirements beyond those found in this solicitation. We will negotiate these additional requirements with you before award and put them in any resulting contract.

[End of Provision]

129 52.215-4003 HANDCARRIED OFFERS - INCLUDING OFFERS DELIVERED BY EXPRESS SERVICES MAY/2011
(TACOM) (NON-US POSTAL SERVICE MAIL)

(a) Unless specifically authorized elsewhere in this solicitation, paper offers will not be accepted. The term "handcarried offers" generally refers to offers contained on electronic media, which we recognize may be delivered "by hand." Handcarried offers must be delivered to Building 255.

(b) Handcarried offers, including disks or other electronic media, shall be addressed to:

U.S. Army Contracting Command - Warren
Bid Room, Bldg 231, Mail Stop 303
6501 East 11 Mile Road
Warren, MI 48397-5000

(c) Offers shall not be addressed to an individual buyer. All offers must be addressed to the Offer Receipt Office at the above address.

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

(e) Handcarried offers must be delivered to Building 255. Directions to TACOM: From Van Dyke Avenue, travel westbound on 11 Mile Road; enter the first Arsenal gate immediately west of the railroad tracks on the north side of the street. Take an immediate right and follow security officer directions to the Receiving Dock in Building 255. The driver may need to obtain a visitors badge, and must be a US citizen. The Government will forward the package to the Offer Receipt Office in Building 231.

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

(g) Packages must be delivered to Building 255 between the hours of 8:00 am and 3:00 pm local time.

[End of Provision]

130 52.215-4404 DATA AND COMMUNICATIONS SUBMITTED TO THE GOVERNMENT ELECTRONICALLY MAY/2002

(a) The Government often employs contractors as system administrators to operate and maintain Government computer systems. These systems include local area networks, web sites, databases, other electronic records, e-mail accounts, other electronic data transfer mechanisms and computer software. The employees of these contracted system administrators sign nondisclosure agreements obligating them not to reveal information contained in files, documents, computers or systems that they administer. However, unless such information is protected in some way, contracted system administrators do have the ability to access such information. For further information on security issues, see <http://contracting.tacom.army.mil/acqinfo/ebidnotice.htm>

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

[End of Provision]

131 52.233-4001 HQ-AMC LEVEL PROTEST PROCEDURES OCT/2006

(a) Policy:

A protest to a U.S. Army Materiel Command forum is a protest to the agency, within the meaning of FAR 33.103. The HQAMC-Level Protest Program is intended to encourage an interested party to seek resolution of its concerns within AMC, rather than filing a protest with

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

Page 50 of 52

PIIN/SIIN W56HZV-13-T-0024

MOD/AMD

Name of Offeror or Contractor:

the General Accounting Office (GAO), or other external forum.

(b) Agency Protest:

An AMC Protest may be filed with either, but not both:

1. the contracting officer designated in the solicitation for resolution of protests, or,
2. HQAMC at the address designated below.

(c) Election of Forum:

After an interested party protests an AMC procurement to HQAMC and while that protest is pending, the protestor agrees not to file a protest with the GAO, or other external forum. If the protestor has filed a protest with the GAO, or other external forum, HQAMC-level protest procedures may not be used and any protest that has been filed will be dismissed.

(d) Protest Decision Authority:

The AMC command counsel is designated as the HQAMC protest decision authority. In the absence of the command counsel, the deputy command counsel is designated as the HQAMC protest decision authority.

(e) Time for Filing a Protest:

A HQAMC protest shall be filed in accordance with the timeframes set out in FAR 33.103(e). HQAMC Office Hours are 8:00 AM to 4:30 PM Eastern Standard Time. Time for filing any document expires at 4:30 PM, Eastern Standard Time on the last day on which such filing may be made.

(f) Form of Protest:

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

(g) Processing of HQAMC-Level Protests

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

Headquarters U.S. Army Materiel Command
Office of Command Counsel
4400 Martin Road
Rm: A6SE040.001
Redstone Arsenal, AL 35898-5000
Fax: (256) 450-8840

Packages sent by FedEx or UPS should be addressed to:

Headquarters U.S. Army Materiel Command
Office of Command Counsel
4400 Martin Road
Rm: A6SE040.001
Redstone Arsenal, AL 35898-5000
Fax: (256) 450-8840

If you have a web browser, you can use the following HTTP to view the complete AMC-level protest procedures:
<http://www.amc.army.mil/pa/COMMANDCOUNSEL.asp>

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

(3) The HQAMC protest decision authority will issue a written decision within 20 working days after the filing of the protest.

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

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

Page 51 of 52

PIIN/SIIN W56HZV-13-T-0024

MOD/AMD

Name of Offeror or Contractor:

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

(h) Effect of Protest on Award and Performance:

(1) Protests before award: When a protest is filed with HQAMC prior to award, a contract may not be awarded unless authorized by the HQAMC director of contracting, in accordance with FAR 33.103(f).

(2) Protests after award: When a protest is filed with HQAMC within 10 calendar days after award, or within five calendar days of debriefing for any debriefing that when requested was required by FAR 15.506, the contracting officer shall suspend performance. The HQAMC director of contracting may authorize contract performance, notwithstanding the protest, upon a written finding that:

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

-- urgent and compelling circumstances that significantly affect the interests of the United States will not permit waiting for a decision from the HQAMC protest decision authority.

(i) Remedies:

The HQAMC protest decision authority may grant any one or combination of the following remedies:

- a. terminate the contract;
- b. re-compete the requirement;
- c. issue a new solicitation;
- d. refrain from exercising options under the contract;
- e. award a contract consistent with statute and regulation;
- f. pay appropriate costs as stated in FAR 33.102(b)(2);
- g. such other remedies as HQAMC protest decision authority determines necessary to correct a defect.

[End of Clause]

132	52.245-4002 (TACOM)	ACQUISITION OF NEW FACILITIES, SPECIAL TEST EQUIPMENT, OR SPECIAL TOOLING	MAR/1996
-----	------------------------	---	----------

(a) It is not the intent of the Government to acquire, or to have acquired for its account, any facilities, special test equipment, or special tooling as those terms are defined below. The Government shall under no circumstances reimburse the offeror for the cost of any new facilities, special test equipment, or special tooling as a separate item. An offeror may, however, amortize the cost of any such facilities, special test equipment, or special tooling it may require in the submitted price of the items. Such facilities, special test equipment or special tooling shall not be subject to Government option rights to take title to the same except as specified in the DEFAULT, TERMINATION FOR THE CONVENIENCE OF THE GOVERNMENT, and/or PROGRESS PAYMENT clauses of this contract.

(b) As used in this solicitation/contract, FACILITIES means industrial property (other than material, special tooling, military property, and special test equipment) for production, maintenance, research, development, or test, including real property and rights in it, buildings, structures, improvements, and plant equipment.

(c) As used in this solicitation/contract, SPECIAL TEST EQUIPMENT means either single or multipurpose integrated test units engineered, designed, fabricated, or modified to accomplish special purpose testing in the performance of the contract. Such testing units comprise electrical, electronic, hydraulic, pneumatic, mechanical, or other items or assemblies of equipment, that are mechanically, electrically, or electronically interconnected so as to become a new functional entity, causing the individual item or items to become interdependent and essential in the performance of special purpose testing in the development or production of particular supplies or services. The term SPECIAL TEST EQUIPMENT does not include: (1) material; (2) special tooling; (3) buildings and nonseverable structures (except foundations and similar improvements necessary for the installation of special test equipment); and (4) plant equipment items used for general plant testing purposes.

(d) As used in this solicitation/contract, SPECIAL TOOLING means all jigs, dies, fixtures, molds, patterns, taps, gauges, other equipment and manufacturing aids, and their replacements, which are of such a specialized nature that, without substantial modification or alteration, their use is limited to the development or production of particular supplies or parts of them, or the performance of particular services. The term includes all components of such items, but does not include: (1) material; (2) special test equipment; or (3) buildings, and nonseverable structures (except foundations and similar improvements necessary for the installation of special tooling), general or special machine tools, or similar capital items.

[End of Provision]

Name of Offeror or Contractor:

EVALUATION FACTORS FOR AWARD

133 52.209-4011 CONTRACTOR RESPONSIBILITY AND ELIGIBILITY FOR AWARD JAN/2001
(TACOM)

(a) We'll award a contract to the offeror that:

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

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

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

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

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

[End of Provision]

CONTRACT DATA REQUIREMENT LIST

Form Approval OMB No. 0704-0188

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

A. CONTRACT LINE ITEM NO.: 0002
B. EXHIBIT.....: A
C. CATEGORY.....: TDP
D. SYSTEM/ITEM.....: M45 Medium Faceblank Injection Mold
E. CONTRACT/PR NO.....: W56HZV-13-T-0024 / EH2AW010EH
F. CONTRACTOR.....: Product Development & Analysis (PDA) LLC

1. DATA ITEM NO.: A001
2. TITLE OF DATA ITEM.....: Special Tooling (ST) Drawings/Models and Associated Lists
3. SUBTITLE: Simulated Part Native SolidWorks File
4. AUTHORITY: DI-SESS-81008D
5. CONTRACT REFERENCE.....: Scope of Work (SOW), para C.5.1.2 and C.7.1
6. REQUIRING OFFICE.....: RDCB-DES-Q
7. DD250 REQ: Letter of Transmittal Only (LT)
8. APP CODE: A*
9. DIST. STATEMENT REQUIRED.: B
10. FREQUENCY.....: As Required (ASREQ)
11. AS OF DATE.....: N/A
12. DATE OF FIRST SUBMISSION: ASREQ
13. DATE OF SUBSEQUENT SUB.: ASREQ
14. DISTRIBUTION ADDRESSEES:

3 Copies to COR
Mr. Jason Carson- Contracting Officers Representative (COR)
US Army TACOM ILSC
ATTN: AMSTA-LCS-CPI
6501 E. 11 Mile Rd.
Warren, MI 48397-5000
jason.d.carson.civ@mail.mil

1 Copy to RDCD-DES-Q
Mr. David Valant- RDCD-DES-Q
US Army ECBC- RI
1 Rock Island Arsenal
Building 62, 1st Floor
Rock Island, IL 61299-7390
david.v.valant.civ@mail.mil

1 Copy- LT only to PCO
Major Eric Heil- Contracting Officer
US Army Contracting Command
6501 E. 11 Mile Rd.
Warren, MI 48397
eric.f.heil.mil@mail.mil

15. TOTAL COPIES.....: 5

16. REMARKS:

The native .sldprt file of the final simulated part and all modeling, simulation parameters, and results needed to achieve the optimized CAD model database, shall be delivered to the COR upon completeness 60 days after contract award. The COR will either offer concurrence or request additional information to be submitted. The contractor shall deliver two separate versions of the CAD model: (i) the native CAD format, and (ii) the final SolidWorks file in accordance with SOW paragraph C.5.1.2. The final delivery shall be on optical disc (CD or DVD) and shall consist of four copies with no limitations on duplication.

The contractor shall label all submitted discs with the contract number, contractor name and address, and a point of contact with contact information (email/phone). Four copies shall be distributed as follows: 3 copies to the COR and 1 copy to RDCB-DES-Q. The copies shall be shipped via US Mail or another carrier to the below addresses:

Mr. Jason Carson - COR
US Army TACOM ILSC
Attn: AMSTA-LSC-CPI
6501 E. 11 Mile Rd.
Warren, MI 48397-5000

Mr. David Valant - RDCB-DES-Q
US Army ECBC-RI
1 Rock Island Arsenal
Building 62, 1st Floor
Rock Island, IL 61299-7390

Delete following paragraphs of DI-SESS-81008D:

- 5. Selection of drawings.
- 6. Multi-detail and detail assembly drawings.
- 7. CAGE Code and document numbers.
- 8. Control drawings.

*THE GOV'T HAS 45 DAYS AFTER RECEIPT OF THE DISCS FOR APPROVAL/DISAPPROVAL. IF DISAPPROVED, THE CONTRACTOR HAS 45 DAYS TO CORRECT AND RESUBMIT WITH GOV'T REVISIONS.

17. PREPARED BY: STEPHANIE THOM 19. APPROVED BY: MAJOR ERIC HEIL
18. DATE: 25 FEB 2013 20. DATE: 25 FEB 2013

DD FORM 1423-E

A. CONTRACT LINE ITEM NO.: 0002
B. EXHIBIT.....: A
C. CATEGORY.....: TDP
D. SYSTEM/ITEM.....: M45 Medium Faceblank Injection Mold
E. CONTRACT/PR NO.....: W56HZV-13-T-0024 / EH2AW010EH
F. CONTRACTOR.....: Product Development & Analysis (PDA) LLC

1. DATA ITEM NO.: A002
2. TITLE OF DATA ITEM.....: Special Tooling (ST) Drawings/Models and Associated Lists
3. SUBTITLE: Optimized 3D CAD Model
4. AUTHORITY: DI-SESS-81008D
5. CONTRACT REFERENCE.....: Scope of Work (SOW), para C.5.2.1 and C.7.2
6. REQUIRING OFFICE.....: RDCB-DES-Q
7. DD250 REQ: Letter of Transmittal Only (LT)
8. APP CODE: A*
9. DIST. STATEMENT REQUIRED.: B
10. FREQUENCY.....: As Required (ASREQ)
11. AS OF DATE.....: N/A
12. DATE OF FIRST SUBMISSION: ASREQ
13. DATE OF SUBSEQUENT SUB.: ASREQ
14. DISTRIBUTION ADDRESSEES.:

3 Copies to COR
Mr. Jason Carson- Contracting Officers Representative (COR)
US Army TACOM ILSC
ATTN: AMSTA-LCS-CPI
6501 E. 11 Mile Rd.
Warren, MI 48397-5000
jason.d.carson.civ@mail.mil

1 Copy to RDCD-DES-Q
Mr. David Valant- RDCD-DES-Q
US Army ECBC- RI
1 Rock Island Arsenal
Building 62, 1st Floor
Rock Island, IL 61299-7390
david.v.valant.civ@mail.mil

1 Copy- LT only to PCO

Major Eric Heil- Contracting Officer
US Army Contracting Command
6501 E. 11 Mile Rd.
Warren, MI 48397
eric.f.heil.mil@mail.mil

15. TOTAL COPIES.....: 5

16. REMARKS:

The contractor shall provide a full feature, complete 3D electronic solid model assembly of the Medium Faceblank production tool in SolidWorks format (.sldasm/ .sldprt). The model shall be delivered to the COR upon completion of the CAD model database optimization 105 days after contract award. The final delivery shall be on optical disc (CD or DVD) and shall consist of four copies with no limitations on duplication.

The contractor shall label all submitted discs with the contract number, contractor name and address, and a point of contact with contact information (email/phone). Four copies shall be distributed as follows: 3 copies to the COR and 1 copy to RDCB-DES-Q. The copies shall be shipped via US Mail or another carrier to the below addresses:

Mr. Jason Carson - COR
US Army TACOM ILSC
Attn: AMSTA-LSC-CPI
6501 E. 11 Mile Rd.
Warren, MI 48397-5000

Mr. David Valant - RDCB-DES-Q
US Army ECBC-RI
1 Rock Island Arsenal
Building 62, 1st Floor
Rock Island, IL 61299-7390

Delete following paragraphs of DI-SESS-81008D:

- 5. Selection of drawings.
- 6. Multi-detail and detail assembly drawings.
- 7. CAGE Code and document numbers.
- 8. Control drawings.

*THE GOV'T HAS 45 DAYS AFTER RECEIPT OF THE DISCS FOR APPROVAL/DISAPPROVAL. IF DISAPPROVED, THE CONTRACTOR HAS 45 DAYS TO CORRECT AND RESUBMIT WITH GOV'T REVISIONS.

17. PREPARED BY: STEPHANIE THOM 19. APPROVED BY: MAJOR ERIC HEIL
18. DATE: 25 FEB 2013 20. DATE: 25 FEB 2013

DD FORM 1423-E

A. CONTRACT LINE ITEM NO.: 0002
B. EXHIBIT.....: A
C. CATEGORY.....: TDP
D. SYSTEM/ITEM.....: M45 Medium Faceblank Injection Mold
E. CONTRACT/PR NO.....: W56HZV-13-T-0024 / EH2AW010EH
F. CONTRACTOR.....: Product Development & Analysis (PDA) LLC

1. DATA ITEM NO.: A003
2. TITLE OF DATA ITEM.....: DoD Modeling and Simulation (M&S) Verification and Validation (V&V) Report
3. SUBTITLE: Final M&S Report and Presentation
4. AUTHORITY: DI-MSMM-81752
5. CONTRACT REFERENCE.....: Scope of Work (SOW), para C.5.3.1, C.5.3.2 and C.7.3
6. REQUIRING OFFICE.....: RDCB-DES-Q
7. DD250 REQ: Letter of Transmittal Only (LT)
8. APP CODE: A*
9. DIST. STATEMENT REQUIRED.: B
10. FREQUENCY.....: As Required (ASREQ)
11. AS OF DATE.....: N/A
12. DATE OF FIRST SUBMISSION: ASREQ
13. DATE OF SUBSEQUENT SUB.: ASREQ
14. DISTRIBUTION ADDRESSEES.:

3 Copies to COR
Mr. Jason Carson- Contracting Officers Representative (COR)
US Army TACOM ILSC
ATTN: AMSTA-LCS-CPI

6501 E. 11 Mile Rd.
Warren, MI 48397-5000
jason.d.carson.civ@mail.mil

1 Copy to RDCD-DES-Q
Mr. David Valant- RDCD-DES-Q
US Army ECBC- RI
1 Rock Island Arsenal
Building 62, 1st Floor
Rock Island, IL 61299-7390
david.v.valant.civ@mail.mil

1 Copy- LT only to PCO
Major Eric Heil- Contracting Officer
US Army Contracting Command
6501 E. 11 Mile Rd.
Warren, MI 48397
eric.f.heil.mil@mail.mil

15. TOTAL COPIES.....: 5

16. REMARKS:

The contractor shall provide a written report in pdf format and PowerPoint slides presenting the findings to the Government 135 days after contract award. The presentation shall include the following:

- a. Differences between the QA mold cavity (male and female surfaces), 3D CAD Model Database, and 2D drawing critical dimensions and sections, along with recommended changes for the optimized configuration.
- b. Results of M45 Medium Faceblank Injection Mold CAD Model Database optimization
- c. Table comparing final simulated part attributes to the TDP requirements, along with all modeling, simulation parameters, to include but not limited to: melt temperature, mold temperature, injection temperature, glass temperature, heat conductivity, specific heat, Youngs Modulus, Poisson Raito and coefficient of thermal expansion, and results needed to achieve the simulated parts.
- d. Rapid prototype, full scale replica of the simulated part file fabricated from an elastomeric material with a modulus of elasticity similar to that of Momentive 50s1208.

The contractor shall provide the written pdf report and PowerPoint presentation electronically within 5 business days after the final meeting with the Government (SOW para C.5.3 and C.7.3) to report data and findings to the PCO, COR, and RDCB-DES-Q as listed below:

Major Eric Heil - PCO eric.f.heil.mil@mail.mil
Mr. Jason Carson - COR jason.d.carson.civ@mail.mil
Mr. David Valant - RDCB-DES-Q david.v.valant.civ@mail.mil

Replica of simulated part shall be delivered to the COR upon completion.

*THE GOV'T HAS 45 DAYS AFTER RECEIPT OF THE REPORT AND PRESENTATION FOR APPROVAL/DISAPPROVAL. IF DISAPPROVED, THE CONTRACTOR HAS 45 DAYS TO CORRECT AND RESUBMIT WITH GOV'T REVISIONS.

17. PREPARED BY: STEPHANIE THOM	19. APPROVED BY: MAJOR ERIC HEIL
18. DATE: 25 FEB 2013	20. DATE: 25 FEB 2013

DD FORM 1423-E

A. CONTRACT LINE ITEM NO.: 0002
 B. EXHIBIT.....: A
 C. CATEGORY.....: TDP
 D. SYSTEM/ITEM.....: M45 Medium Faceblank Injection Mold
 E. CONTRACT/PR NO.....: W56HZV-13-T-0024 / EH2AW010EH
 F. CONTRACTOR.....: Product Development & Analysis (PDA) LLC

1. DATA ITEM NO.: A004
 2. TITLE OF DATA ITEM.....: Report, Record of Meeting/Minutes
 3. SUBTITLE: Start of Work Meeting Minutes
 4. AUTHORITY: DI-ADMN-81505
 5. CONTRACT REFERENCE.....: Scope of Work (SOW), para C.6.1 and C.7.4
 6. REQUIRING OFFICE.....: RDCB-DES-E

- 7. DD250 REQ: Letter of Transmittal Only (LT)
- 8. APP CODE: A*
- 9. DIST. STATEMENT REQUIRED.: N/A
- 10. FREQUENCY.....: As Required (ASREQ)
- 11. AS OF DATE.....: N/A
- 12. DATE OF FIRST SUBMISSION: ASREQ
- 13. DATE OF SUBSEQUENT SUB.: ASREQ
- 14. DISTRIBUTION ADDRESSEES.:

1 Copy to COR
Mr. Jason Carson- Contracting Officers Representative (COR)
US Army TACOM ILSC
ATTN: AMSTA-LCS-CPI
6501 E. 11 Mile Rd.
Warren, MI 48397-5000
jason.d.carson.civ@mail.mil

1 Copy- to PCO
Major Eric Heil- Contracting Officer
US Army Contracting Command
6501 E. 11 Mile Rd.
Warren, MI 48397
eric.f.heil.mil@mail.mil

- 15. TOTAL COPIES.....: 2
- 16. REMARKS:

The contractor shall record and submit meeting minutes electronically through the COR to the PCO within 30 days after the meeting as listed below:

Mr. Jason Carson - COR jason.d.carson.civ@mail.mil
Major Eric Heil - PCO eric.f.heil.mil@mail.mil

*THE GOV'T HAS 10 DAYS AFTER RECEIPT OF THE MINUTES FOR APPROVAL/DISAPPROVAL. IF DISAPPROVED, THE CONTRACTOR HAS 10 DAYS TO CORRECT AND RESUBMIT WITH GOV'T REVISIONS.

-
- 17. PREPARED BY: STEPHANIE THOM
 - 18. DATE: 25 FEB 2013
 - 19. APPROVED BY: MAJOR ERIC HEIL
 - 20. DATE: 25 FEB 2013
-

DD FORM 1423-E

- A. CONTRACT LINE ITEM NO.: 0002
 - B. EXHIBIT.....: A
 - C. CATEGORY.....: Quality Assurance
 - D. SYSTEM/ITEM.....: M45 Medium Faceblank Injection Mold
 - E. CONTRACT/PR NO.....: W56HZV-13-T-0024 / EH2AW010EH
 - F. CONTRACTOR.....: Product Development & Analysis (PDA) LLC
-

- 1. DATA ITEM NO.: A005
- 2. TITLE OF DATA ITEM.....: Engineering Change Proposal (ECP)
- 3. SUBTITLE: N/A
- 4. AUTHORITY: DICMAN-80639C*
- 5. CONTRACT REFERENCE.....: Section C of Contract
- 6. REQUIRING OFFICE.....: RDCB-END-D (RI)
- 7. DD250 REQ: Letter of Transmittal Only (LT)
- 8. APP CODE: N/A
- 9. DIST. STATEMENT REQUIRED.: **
- 10. FREQUENCY.....: ASREQ
- 11. AS OF DATE.....: N/A
- 12. DATE OF FIRST SUBMISSION: ASREQ
- 13. DATE OF SUBSEQUENT SUB.: ASREQ
- 14. DISTRIBUTION ADDRESSEES.:
- 15. TOTAL COPIES.....: 0

16. REMARKS:

See attached data delivery description for content of the ECP. Contractor format is acceptable, data must be in Gov't compatible software (i.e. Microsoft Office). MIL-HDBK-61 may be useful in defining content. **Dist Statement will be assigned and implemented by the DoD Configuration Manager. ***Electronic files must be less than 7MB. The ECP Short Form and ECP page 1 located at https://www.pica.army.mil/prod_techdata/cmdocs-links.htm are the preferred method of submission for this data item (DD Forms 1692 and 1693).

17. PREPARED BY: STEPHANIE THOM 19. APPROVED BY: MAJOR ERIC HEIL
18. DATE: 25 FEB 2013 20. DATE: 25 FEB 2013

DD FORM 1423-E

A. CONTRACT LINE ITEM NO.: 0002
B. EXHIBIT.....: A
C. CATEGORY.....: Quality Assurance
D. SYSTEM/ITEM.....: M45 Medium Faceblank Injection Mold
E. CONTRACT/PR NO.....: W56HZV-13-T-0024 / EH2AW010EH
F. CONTRACTOR.....: Product Development & Analysis (PDA) LLC

1. DATA ITEM NO.: A006
2. TITLE OF DATA ITEM.....: Request for Deviation (RFD)
3. SUBTITLE: N/A
4. AUTHORITY: DICMAN-80640C*
5. CONTRACT REFERENCE.....: Section C of Contract
6. REQUIRING OFFICE.....: RDCB-END-D (RI)
7. DD250 REQ: Letter of Transmittal Only (LT)
8. APP CODE: N/A
9. DIST. STATEMENT REQUIRED.: **
10. FREQUENCY.....: ASREQ
11. AS OF DATE.....: N/A
12. DATE OF FIRST SUBMISSION: ASREQ
13. DATE OF SUBSEQUENT SUB.: ASREQ
14. DISTRIBUTION ADDRESSEES.:
15. TOTAL COPIES.....: 0

16. REMARKS:

*SEE ATTACHED DATA DELIVERY DESCRIPTION FOR CONTENT OF RFD. ADEQUATE DATA/ANALYSIS/TESTING TO SUPPORT THE POSITION RELATIVE TO PARA 24 AND 25 OFF DATA DELIVERY DESCRIPTION SHALL BE INCLUDED. CONTRACTOR FORMAT IS ACCEPTABLE, BUT DATA MUST BE IN GOVT COMPATIBLE SOFTWARE (I.E., MICROSOFT OFFICE). MIL-HDBK-61 MAY BE USEFUL IN DEFINING CONTENT. **DISTRIBUTION STATEMENT WILL BE ASSIGNED AND IMPLEMENTED BY THE DOD CONFIG MGR. ***ELECTRONIC FILES MUST BE LESS THAN 7 MB. THE RFD FORM LOCATED AT https://www.pica.army.mil/prod_techdata/cmdocs-links.htm IS THE PREFERRED METHOD OF SUBMISSION FOR THIS DATA ITEM (DD FORM 1694).

17. PREPARED BY: STEPHANIE THOM 19. APPROVED BY: MAJOR ERIC HEIL
18. DATE: 25 FEB 2013 20. DATE: 25 FEB 2013

DD FORM 1423-E

A. CONTRACT LINE ITEM NO.: 0002
B. EXHIBIT.....: A
C. CATEGORY.....: Quality Assurance
D. SYSTEM/ITEM.....: M45 Medium Faceblank Injection Mold
E. CONTRACT/PR NO.....: W56HZV-13-T-00024 / EH2AW010EH
F. CONTRACTOR.....: Product Development & Analysis (PDA) LLC

1. DATA ITEM NO.: A007
2. TITLE OF DATA ITEM.....: Notice of Revision (NOR)
3. SUBTITLE: N/A

DATA ITEM DESCRIPTION

Title: SPECIAL TOOLING (ST) DRAWINGS/MODELS AND ASSOCIATED LISTS

Number: DI-SESS-81008E Approval Date: 26 Feb 13

AMSC Number: A9346 Limitation:

DTIC Applicable:

GIDEP Applicable: Office of Primary Responsibility: AR

Applicable Forms:

Use/relationship: Special Tooling (ST) Drawings/Models and Associated Lists provide the data required for the limited production of ST which duplicates the physical and performance characteristics of the original ST.

a. This Data Item Description (DID) contains the format and content preparation instructions for ST Drawings/Models and Associated Lists resulting from the work task described by 5.3.3.6 of MIL-STD-31000.

b. This DID is applicable to acquisition of military systems, equipment, and components which require the use of special tooling to achieve the engineering requirements of the item.

c. This DID supersedes DI-SESS-81008D.

Requirements:

1. Reference Documents. The applicable issue of the documents cited herein, including their approval dates and dates of any applicable amendments, notices, and revisions, shall be as cited in the ASSIST database, <http://assist.daps.dla.mil>, at the time of the solicitation; or, for documents not included in ASSIST, as stated herein.
2. General. ST Drawings and Associated Lists shall meet the requirements of MIL-STD-31000. ST Drawings and Associated Lists shall be in accordance with, ASME Y14.100, or, if applicable, ASME Y14.100 and Appendices B through E, as required, ASME Y14.34, and ASME Y14.41.
3. Format. ST Drawings/Models and Associated Lists shall be in contractor or Government format or as specified in the contract or purchase order.
4. Content. ST Drawings/Models and Associated lists shall provide the design disclosure information necessary to permit the manufacture of tooling that duplicates the functions of the original ST. ST Drawings/Models and Associated Lists shall provide:
 - a. Details of processes which are not published or generally available to industry, when these processes are mandatory to achieving the engineering requirements of the tooling.
 - b. Performance ratings and tolerances.
 - c. Dimensions and tolerances
 - d. Critical manufacturing processes and assembly sequences.
 - e. Toleranced input and output characteristics.
 - f. Diagrams.
 - g. Mechanical and electrical connections.
 - h. Physical characteristics, including form and finish requirements.
 - i. Details of material identification, including heat treatment and protective coatings.
 - j. Calibration information.
 - k. Environmental requirements.
 - l. Reliability requirements.
 - m. Maintainability requirements.
5. Selection of drawings. The types of drawings and associated lists to be prepared shall be selected from ASME Y14.24 and ASME Y14.34. The applicable TDP Option Selection Worksheet incorporated in the contract or purchase order will specify whether the contractor or the Government is responsible for selecting the types of drawings and associated lists to be prepared.
6. Multi-detail and detail assembly drawings. Multi-detail and detail assembly drawings may be used at the discretion of the contractor. The mono-detail drawing system shall not be mandatory for ST Drawing/Models packages.
7. CAGE Code and document numbers. ST Drawings/Models and Associated Lists shall be identified with the contractor's CAGE Code and contractor document numbers or with a Government CAGE Code and Government document numbers as specified in the applicable TDP Option Selection Worksheet incorporated in the contract.
8. Control drawings. Vendor items used in the ST without alteration, selection, or source qualification shall be identified on ST

Drawings and lists by the manufacturer's CAGE Code and part or identifying number. Vendor Item Control Drawings are not required for vendor items. When vendor items must be altered, selected, or required source qualification prior to use in the ST, they shall be documented on Altered Item, Selected Item, or Source Control Drawings in accordance with ASME Y14.100 and ASME Y14.24.

9. End of DI-SESS-81008

DATA ITEM DESCRIPTION

Title: DEPARTMENT OF DEFENSE (DOD) MODELING AND SIMULATION (M&S) VERIFICATION AND VALIDATION (V&V) REPORT

Number: DI-MSSM-81752 Approval Date: 20080207

AMSC Number: D9027 Limitation: None

DTIC Applicable: No

GIDEP Applicable: No

Preparing Activity: OSD-DMS

Applicable Forms: N/A

Use/Relationship: Application of standard templates within the Modeling and Simulation (M&S) Verification, Validation, and Accreditation (VV&A) processes will provide consistent documentation that minimizes redundancy and maximizes reuse of information. It will promote a common framework and interfacing capability that can be shared across all M&S programs within the Department of Defense, other government agencies, and Allied Nations.

This Data Item Description contains the content and format preparation instructions for documenting M&S verification and validation (V&V) reporting for model(s), simulation(s), federations of models and simulations, and other types of distributed simulations, which are described in MIL-STD-3022, Documentation of Verification, Validation, and Accreditation (VV&A) for Models and Simulations

Requirements:

1. Reference documents. The applicable issue of the documents cited herein, including their dates and dates of any applicable notices and revisions, shall be as specified in the contract.
2. Format and Content. The format and content of the Verification and Validation (V&V) Report shall be in accordance with MIL-STD-3022, Appendix C.

END OF DI-MSSM-81752

DATA DELIVERY DESCRIPTION RECORD OF MEETING MINUTES

This Data Delivery Description (DDD) contains the content and preparation instructions for the data product resulting from the work task specified in the contract. The report is a record of the proceedings of any specified meeting. The Meeting Minutes will be used by appropriate government and contractor personnel as a record of the deliberations and actions resulting from meetings related to performance of work under a contract.

Requirements:

1. Format. The report shall be presented in contractors format.
2. Content. The report shall contain a title page which specifies the following:
 - a. Date of report/meeting.
 - b. Title Type of meeting (study contract, audit, design review, etc.).
 - c. Title of Program/Project
 - d. System/equipment identification and number.
 - e. Contract number and/or procurement request number.
 - f. Signature(s) contractor (supporting activity) Project Manager or designated representative.
 - 2.1.1 The report/minutes shall include the following sections:
 - 2.1.1.1. An introduction which shall include:
 - a. Statement relating to the purpose/objective of the meeting.
 - b. The original agenda/revision thereto. (this may be accomplished by reference to attachment/enclosure)
 - 2.1.1.2. Administrative data which shall include:
 - a. Date and location of the meeting.
 - b. Agency under whose direction the meeting was convened.
 - c. Name and title of the chairman or co-chairmen.
 - d. Name and title of persons attending.
 - 2.1.1.3. Information covered during the meeting, including as appropriate, such items as:
 - a. A description and/or listing of the material and documentation, if any, discussed/reviewed during the meeting.
 - b. Specific statements relating to changes, deletions, modifications, etc., discussed/reviewed during the meeting, including:
 - (1) A description of the change/modification required.
 - (2) The reason for the change/modification.
 - (3) The agency responsible for preparing change proposals, if required, necessary to effect the change/modification.
3. Each item discussed/reviewed during the meeting shall be presented in the following order:
 - 3.1.1. Item. A brief statement identifying the item or problem.
 - 3.1.2. Discussion. A summary of pertinent information associated with the item.
 - 3.1.3. Recommendations. A list of both the Project/Program Managers and the contractors recommendations.
 - 3.1.4. Action. A brief statement of agreements reached, action(s) required by the Program/Project Manager or the contractor, identity of the personnel or activity assigned responsibility for taking and/or coordinating required actions, contractual action, if required, and all key dates.
 - 3.1.5. Media Requirements. Unless otherwise stated on the Contract Data Requirements List (DD Form 1423); the report/minutes shall be typewritten on 8x 10 1/2 white paper. Charts, graphs, drawings, lists, sketches may be included, if necessary, to support or clarify the text of the report/minutes. Oversize material shall be one-way foldouts. All material presented shall be sufficiently clear and sharp for further reproduction if required. All pages and supporting material shall be securely bound together.

ADDRESS CODE DISTRIBUTION for ECPS/NORs/RFDs/VECPs
(Configuration Management)

1. Concurrent transmittal of Engineering Change Proposals (ECPs), Notice of Revisions (NORs), Requests for Deviation (RFDs) or Value Engineering Change Proposals (VECPs) shall be submitted by the Contractors by either emailing or faxing engineering actions as follows:
2. The contractor shall electronically transmit copies of all ECPS, NORs, RFDs and VECPS to:
 - a. ECBC-RI RDECOM Engineering Office
OFFICE: RDCB-DEM
EMAIL.: Usarmy.RIA.mbx.cmaction@mail.mil
FAX...: (309)782-5290/3015
 - b. Contract Specialist or Contracting Officer
OFFICE: CCTA-ASM-C
POC...: Major Eric Heil (Contracting Officer)
Stephanie Thom (Contract Specialist)
EMAIL.: eric.f.heil.mil@mail.mil
stephanie.n.thom.civ@mail.mil
FAX...: (586)282-3850
3. For VECPS only:
 - a. ECBC RDECOM
OFFICE: RDCB-DEM-V
FAX...: (309)782-0556