

SOLICITATION, OFFER AND AWARD			1. THIS CONTRACT IS A RATED ORDER UNDER DPAS (15 CFR 700)		RATING DO-A6	PAGE OF PAGES 1 63
2. CONTRACT NO.	3. SOLICITATION NO. N00104-15-R-K072	4. TYPE OF SOLICITATION <input type="checkbox"/> SEALED BID (IFB) <input checked="" type="checkbox"/> NEGOTIATED (RFP)	5. DATE ISSUED 26 Jan 2015	6. REQUISITION/PURCHASE NO. FD20201567005		
7. ISSUED BY NAVSUP WEAPON SYSTEMS SUPPORT VICKY MUNGER-HUSLER, CODE N742.16 5450 CARLISLE PIKE PO BOX 2020 MECHANICSBURG PA 17055		CODE N00104	8. ADDRESS OFFER TO (If other than Item 7) See Item 7		CODE	TEL: FAX:

NOTE: In sealed bid solicitations "offer" and "offeror" mean "bid" and "bidder".

SOLICITATION

9. Sealed offers in original and 1 copies for furnishing the supplies or services in the Schedule will be received at the place specified in Item 8, or if handcarried, in the depository located in Bldg 410 or Electronically until 02:00 PM local time 16 Feb 2015
(Hour) (Date)

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

10. FOR INFORMATION CALL:	A. NAME VICKY J. MUNGER-HUSLER	B. TELEPHONE (Include area code) (NO COLLECT CALLS) 717-605-1456	C. E-MAIL ADDRESS vicky.munger-husler@navy.mil
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OFFER (Must be fully completed by offeror)

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

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

13. DISCOUNT FOR PROMPT PAYMENT (See Section I, Clause No. 52.232-8)					
14. ACKNOWLEDGMENT OF AMENDMENTS (The offeror acknowledges receipt of amendments to the SOLICITATION for offerors and related documents numbered and dated):		AMENDMENT NO.	DATE	AMENDMENT NO.	DATE

15A. NAME AND ADDRESS OF OFFEROR	CODE	FACILITY	16. NAME AND TITLE OF PERSON AUTHORIZED TO SIGN OFFER (Type or print)
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15B. TELEPHONE NO (Include area code)	<input type="checkbox"/> 15C. CHECK IF REMITTANCE ADDRESS IS DIFFERENT FROM ABOVE - ENTER SUCH ADDRESS IN SCHEDULE.	17. SIGNATURE	18. OFFER DATE
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AWARD (To be completed by Government)

19. ACCEPTED AS TO ITEMS NUMBERED	20. AMOUNT	21. ACCOUNTING AND APPROPRIATION	
22. AUTHORITY FOR USING OTHER THAN FULL AND OPEN COMPETITION: <input type="checkbox"/> 10 U.S.C. 2304(c)() <input type="checkbox"/> 41 U.S.C. 253(c)()		23. SUBMIT INVOICES TO ADDRESS SHOWN IN	ITEM
24. ADMINISTERED BY (If other than Item 7) CODE		25. PAYMENT WILL BE MADE BY CODE	
26. NAME OF CONTRACTING OFFICER (Type or print) TEL: EMAIL:		27. UNITED STATES OF AMERICA (Signature of Contracting Officer)	28. AWARD DATE

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

Section B - Supplies or Services and Prices

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0001	CED FFP P/N 6010600, ZY57, CARTRIDGE BOOSTER				
	FOB: Origin NSN: 1377-01-084-9358ES PURCHASE REQUEST NUMBER: FD20201567005				
				NET AMT	<hr/>

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0001AA	TECHNICAL DATA FFP – See DD Form 1423, Exhibit A	1	Set	NSP	NSP
	FOB: Destination NSN: 1377-01-084-9358ES PURCHASE REQUEST NUMBER: FD20201567005				
				NET AMT	<hr/> NSP

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0001AB	PRODUCTION LOT TEST SAMPLES FFP PER LATEST GOVERNMENT APPROVED ATP			NSP	NSP
	FOB: Destination NSN: 1377-01-084-9358ES PURCHASE REQUEST NUMBER: FD20201567005				

NSP

NET AMT

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0001AC	CED FFP P/N 6010600, ZY57, CARTRIDGE BOOSTER NAVY MIPR Ownership Code: 5	8	Each		
	FOB: Origin NSN: 1377-01-084-9358ES PURCHASE REQUEST NUMBER: FD20201567005				

NET AMT

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0002	CED FFP P/N 6047100, MD47, CARTRIDGE, DELAY 0.25 SEC				
	FOB: Origin NSN: 1377-01-168-2559ES PURCHASE REQUEST NUMBER: FD20201567005				

NET AMT

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0002AA	TECHNICAL DATA FFP – See DD Form 1423, Exhibit A	1	Set	NSP	NSP
	FOB: Destination NSN: 1377-01-168-2559ES PURCHASE REQUEST NUMBER: FD20201567005				

NSP

NET AMT

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0002AB	PRODUCTION LOT TEST SAMPLES FFP PER LATEST GOVERNMENT APPROVED ATP Ownership Code: 3			NSP	NSP
	FOB: Destination NSN: 1377-01-168-2559ES PURCHASE REQUEST NUMBER: FD20201567005				

NSP

NET AMT

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0002AC	CED FFP P/N 6047100, MD47, CARTRIDGE, DELAY 0.25 SEC DSZK9440937603 Ownership Code: 8 FMS CASE: SZ-D-CYO	200	Each		
	FOB: Origin NSN: 1377-01-168-2559ES PURCHASE REQUEST NUMBER: FD20201567005				

NET AMT

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0003	CED FFP P/N 6046100, MU28, CARTRIDGE, DELAY 1.0 SEC				
	FOB: Origin NSN: 1377-01-168-4419ES PURCHASE REQUEST NUMBER: FD20201567005				

NET AMT

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0003AA	TECHNICAL DATA FFP - See DD Form 1423, Exhibit A	1	Set	NSP	NSP
	FOB: Destination NSN: 1377-01-168-4419ES PURCHASE REQUEST NUMBER: FD20201567005				

NSP

NET AMT

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0003AB	PRODUCTION LOT TEST SAMPLES FFP PER LATEST GOVERNMENT APPROVED ATP Ownership Code: 3			NSP	NSP
	FOB: Destination NSN: 1377-01-168-4419ES PURCHASE REQUEST NUMBER: FD20201567005				

NSP

NET AMT

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0003AC	CED FFP P/N 6046100, MU28, CARTRIDGE, DELAY 1.0 SEC DCIB8440837611 Ownership Code: 8 FMS CASE: CI-D-CAW	20	Each		
	FOB: Origin NSN: 1377-01-168-4419ES PURCHASE REQUEST NUMBER: FD20201567005				

NET AMT

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0004	CED FFP P/N 6107100, MU23, CARTRIDGE, DELAY FOB: Origin NSN: 1377-01-360-4900ES PURCHASE REQUEST NUMBER: FD20201567005				

NET AMT

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0004AA	TECHNICAL DATA FFP – See DD Form 1423, Exhibit A FOB: Destination NSN: 1377-01-360-4900ES PURCHASE REQUEST NUMBER: FD20201567005	1	Set	NSP	NSP

NSP

NET AMT

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0004AB	PRODUCTION LOT TEST SAMPLES FFP PER LATEST GOVERNMENT APPROVED ATP Ownership Code: 3			NSP	NSP
	FOB: Destination NSN: 1377-01-360-4900ES PURCHASE REQUEST NUMBER: FD20201567005				

NSP

NET AMT

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0004AC	CED FFP P/N 6107100, MU23, CARTRIDGE, DELAY DBAA9440777613 Ownership Code: 8 FMS CASE: BA-D-CAG	14	Each		
	FOB: Origin NSN: 1377-01-360-4900ES PURCHASE REQUEST NUMBER: FD20201567005				

NET AMT

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0004AD	CED FFP P/N 6107100, MU23, CARTRIDGE, DELAY DKSH9440767660 Ownership Code: 8 FMS CASE: KS-D-CBF FOB: Origin NSN: 1377-01-360-4900ES PURCHASE REQUEST NUMBER: FD20201567005	30	Each		

NET AMT

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0004AE	CED FFP P/N 6107100, MU23, CARTRIDGE, DELAY DTUB84417777605 Ownership Code: 8 FMS CASE: TU-D-CAZ FOB: Origin NSN: 1377-01-360-4900ES PURCHASE REQUEST NUMBER: FD20201567005	16	Each		

NET AMT

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0004AF	CED FFP P/N 6107100, MU23, CARTRIDGE, DELAY NAVY MIPR Ownership Code: 5 FOB: Origin NSN: 1377-01-360-4900ES PURCHASE REQUEST NUMBER: FD20201567005	40	Each		

NET AMT

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0005	CED FFP P/N 6107500, MU90 CARTRIDGE, DELAY FOB: Origin NSN: 1377-01-360-4904ES PURCHASE REQUEST NUMBER: FD20201567005				

NET AMT

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0005AA	TECHNICAL DATA FFP – See DD Form 1423, Exhibit A FOB: Destination NSN: 1377-01-360-4904ES PURCHASE REQUEST NUMBER: FD20201567005	1	Set	NSP	NSP

NSP

NET AMT

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0005AB	PRODUCTION LOT TEST SAMPLES FFP PER LATEST GOVERNMENT APPROVED ATP Ownership Code: 3 FOB: Destination NSN: 1377-01-360-4904ES PURCHASE REQUEST NUMBER: FD20201567005			NSP	NSP

NSP

NET AMT

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0005AC	CED FFP P/N 6107500, MU90 CARTRIDGE, DELAY DPLE9N40787601 Ownership Code: 8 FMS CASE: PL-D-QAH FOB: Origin NSN: 1377-01-360-4904ES PURCHASE REQUEST NUMBER: FD20201567005	12	Each		

NET AMT

SECTION B NOTES

SOLICITATION NOTES:

1. **NOTE:** This acquisition is restricted to qualified sources. A qualification package is required for new sources. See FAR Clause 52.209-1 for qualification requirements. Potential vendors must first pre-qualify before any offers will be considered. Prospective contractors may submit offers on supplies bearing different part numbers from those cited in the solicitation. Proposals will not be delayed to qualify new sources.
2. Faxed offers will NOT be accepted.
3. Since the Government intends to award without discussion, any exceptions to the requirements of this solicitation should be raised prior to submission of an offer.
4. This item is a CSI – Critical Safety Item.
5. All contractual documents (i.e. contracts, purchase orders, task orders, delivery orders and modifications) related to the instant procurement are considered to be "issued" by the Government when copies are either deposited in the mail, transmitted by facsimile, or sent by other electronic commerce methods, such as email. The Government's acceptance of the contractor's proposal constitutes bilateral agreement to "issue" contractual documents as detailed herein.
6. Electronic submission of an offer may be accomplished by attaching your offer to an email directed to Vicky.Munger-Husler@navy.mil. The size limitation of an email through the NAVSUP WSS mail server is 10 MB. All files designated as .zip files will be stripped from any email sent. Files larger than the server limitation may be segregated and sent via several emails as long as they are clearly identified as such.

Section C - Descriptions and Specifications

SECTION C

SECTION C - DESCRIPTION AND SPECIFICATIONS (MAY 2005)

NOTE 1: NON-ANTICIPATION OF INITIAL DEVIATIONS ON AWARDS

Offerors are reminded that any resultant contract will require performance in strict compliance with the specifications set forth therein, and that prices offered should not be predicated upon contractor anticipation of government authorization of deviations, even though such deviations may have been granted previously under other contracts for the same item.

NOTE 2: SPECIFICATIONS THAT DO NOT INDICATE SPECIFIC REVISION LEVELS ARE TO BE MADE TO THE REVISION LEVELS LISTED ON THE DODISS IN EFFECT AT THE TIME OF SOLICITATION ISSUANCE.

NOTE 3: The TDP/Drawings (Drawings/Specifications), if required, can be downloaded by selecting the “FBO Documents Link” on the NECO site for the particular solicitation. Or use the following link: <https://www.fbo.gov>

1. DATA LIST / PART NUMBERS / DRAWING NUMBERS:

CLIN	DATA LIST / PART OR DRAWING NUMBERS	REVISION	REVISION DATE
0001	CHEMRING, P/N 6010600		
0002	CHEMRING, P/N 6047100		
0003	CHEMRING, P/N 6046100		
0004	CHEMRING, P/N 6107100		
0005	CHEMRING, P/N 6107500		

2. SPECIFICATIONS:

CLIN	SPECIFICATIONS	REVISION	REVISION DATE

**SECTION C - CONFIGURATION CONTROL – ANSI/EIA-649 (NAVY STOCK CLASS 1377)
(April 2013)**

1. Configuration Control - The Contractor shall maintain the total equipment baseline configuration. For items of proprietary design, Contractor drawings showing the latest assembly configuration shall be provided to the Government in electronic format.

2. Deviations – Request for Deviations (RFD) - RFDs shall be designated as Critical, Major, or Minor. RFDs shall be in contractor format and shall include information outlined in ANSI/EIA-649 section 5.3.4.1. The use of DD Form 1694 is acceptable form for RFD submissions. MIL-HDBK-61 provides additional guidance for preparation of RFDs.

The contractor's assigned RFD number shall use the following numbering format:

- a. The last four alpha-numeric characters of the contract number followed by a dash (-).
- b. The letter "D", followed by consecutively assigned numeric characters beginning with 001.

Definitions: (See ANSI/EIA 649 and MIL-HDBK-61A for additional guidance on critical, major and minor classifications.)

Critical: Critical variances impact safety, health, or environment. A departure from a requirement classified as critical in configuration documentation.

Major: Major variances have significant impacts such as performance or operational limits, structural strength, or qualification characteristics and may impose limits on product use or operation or cause temporary use of alternate items. A departure from a requirement classified as major in configuration documentation.

Minor: Minor variances have little or no impact and are generally associated with non-functional factory defects that can be dispositioned locally as: “use as is” or “after suitable repair.” A departure from a requirement classified as minor in configuration documentation.

3. Minor deviation authority is granted for prefabricated piece parts, bought by the contractor to contractor drawings for assembly into the deliverable items provided there is no change to form, fit or function, as defined above of the finished product. Changes to form, fit, or function are Major deviations and shall be approved by the Navy technical

approval authority prior to implementation. Traceability of materials and records of deviations of the finished product shall be maintained and made available for review upon Government request.

4. Engineering Change Proposal (ECP) - The Government will maintain configuration control and change authority for all modifications or changes affecting form, fit, function, or interface parameters of the Equipment and its sub-assemblies. ECPs shall be designated as Major (Class I) or Minor (ClassII). ECPs shall be prepared in contractor format and shall include information outlined in ANSI/EIA-649 section 5.3.1.4. The use of DD Form 1692 is acceptable form for ECP submissions. MIL-HDBK-61 provides additional guidance for preparation of ECPs.

The contractor's assigned ECP number shall use the following numbering format:

- a. The last four alpha-numeric characters of the contract number followed by a dash (-).
- b. The letters "ECP", followed by consecutively assigned numeric characters beginning with 001.

Definitions: (See ANSI/EIA 649 and MIL-HDBK-61A for additional guidance on Major (Class I) and Minor (Class II) classifications.)

Major (Class I):

- a. A change that affects specified and approved requirements for product attributes, including safety, reliability, and supportability.
- b. A change, after establishment of the product baseline, that affects compatibility with interfacing products, including such products as test equipment, support equipment, software, and products furnished by a customer or that affects one or more of the following:
 - required calibration to the extent that product identification should be changed
 - interchangeability or substitutability of replaceable products, assemblies, or components
 - change to add a previously non-qualified supplier, where supplier selection is specified
 - requires retrofit of delivered products

Minor(Class II): Affects configuration documentation (released design information), product or processes but does not affect Major Change Criteria.

5. ECP changes to vendor drawings: Minor (Class II) ECP change authority for vendor drawings is granted provided there is no change to form, fit or function, as defined herein. Changes to form, fit, or function are Major (Class I) ECP changes and shall be approved by the Navy CCB and technical approval authority prior to implementation. Minor ECP change documentation shall be provided to the Navy technical approval authority for concurrence after vendor approval. Vendor's may use their own numbering format for ECP changes to vendor drawings.

Definitions:

Form: the shape, external size, and marking which uniquely characterizes an item.

Fit: the ability of an item to physically interface or interconnect with and become an integral part of a higher level assembly.

Function: the action[s] that an item is designed to perform including performance, durability and safety.

The following are examples of Major (ClassI) changes with regard to function

- a. Change to energetic material
- b. Change to component material or material properties
- c. Change to electrical characteristics.
- d. Change in ballistic performance.

6. The contractor shall submit an electronic copy of any ECP or RFD to the Contracting Officer, Local DCMA QAR, and the technical activity below:

- A. Local DCMA QAR
- B. NAVSUP WSS Contracting Officer,
Email: vicky.munger-husler@navy.mil (buyer fill-in)
- B. AFLCMC/EBHJ JPO DIV
6044 Dogwood Ave, Bldg 1256
Hill AFB, Ut 84056-5619
Email: shari.gosnell@us.af.mil

7. Technical approval authority for RFDs and ECPs is AFLCMC/EBHJ, Lead CAD/PAD Engineer, (801) 777-4139.
8. Final approval of any ECP and/or RFD shall be in writing, by the Contracting Officer, NAVSUP Weapon Systems Support.
9. Authorization to accept non-conforming supplies is specifically retained by the Contracting Officer.

CLAUSES INCORPORATED BY REFERENCE

252.211-7005	Substitutions for Military or Federal Specifications and Standards	NOV 2005
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Section D - Packaging and Marking

SECTION D

SECTION D - UID CAD / PAD ITEM MARKING INFORMATION (MAY 2008)

NOTE 1: CAD/PAD ITEM MARKING INSTRUCTION VERSION 1.1 DATED 1 MAY 2008 PREPARED BY CAD/PAD JOINT PROGRAM OFFICE AFLCMC/EBHJ CODE E25VE, NSWC IHEODTD INDIAN HEAD TO INCLUDE SAMPLE DATA AND EXAMPLES CAN BE FOUND IN ITS ENTIRETY AT: –

<https://www.fbo.gov/spg/DON/NAVSUP/N000104/N00104CADPAD/packages.html>

SECTION D - PACKAGING AND MARKING (MAY 2013)

NOTE: PACKAGING AND MARKING (FEB 2006) PAR. 4, a AND b TO INCLUDE SAMPLE BARCODE DATA AND EXAMPLES CAN BE FOUND IN ITS ENTIRETY AT:

<https://www.fbo.gov/spg/DON/NAVSUP/N000104/N00104CADPAD/packages.html>

1. Packaging and packing for production lots, first article samples and lot acceptance samples shall be IAW the following by item:

CLIN	QUP	IAW
0001-0005	1	SPI NO. (TPO) F00-138-3770

2. Marking shall be applied IAW the applicable provisions of MIL-STD-129.

a. At a minimum, inner container markings for CLIN 0001 - 0005 shall include:

National Stock Number and (DoD) Code: *(see Section "B" for applicable CLIN)*

Item Nomenclature: *(see Section "B" for applicable CLIN)*

Item Assembly Drawing Number: *(see Section "B" for applicable CLIN)*

Quantity: **As Applicable**

Lot Number: IAW MIL-STD-1168

Serial Number: Required (x) N/A ()

b. At a minimum, outer container markings for CLIN 0001 - 0005 shall include:

National Stock Number and (DoD) Code: *(see Section "B" for applicable CLIN)*

Item Nomenclature: *(see section "B" for applicable CLIN)*

Item Assembly Drawing Number: *(see Section "B" for applicable CLIN)*

Quantity: **As Applicable**

Lot Number: IAW MIL-STD-1168

Serial Number: Required (x) N/A ()

Gross Weight and Cube: **As Applicable**

DoD Contract Number: **As Applicable**

POP Markings: *(see Section "D" – Packaging & Marking paragraph 3 – below.)*

UN Proper Shipping Name, UN Number, Hazard Class, Compatibility Code, Net Explosive Weight, and EX Number: *(see TABLE 1 below for applicable CLIN)*

CAA: USG DOT 'EX NUMBER' *(see TABLE 1 EX NUMBER COLUMN below for applicable CLIN)*

Example CAA: USG DOT 880832

CLIN NUM	UN PROPER SHIPPING NAME	UN NUMBER	HAZARD CLASS	COMPA CODE	NET EXPLOSIVE WT (lbs)	EX NUMBER
0001-0005	CARTRIDGE, SMALL ARMS	0012	1.4	S	.0015	EX1989120079 EX1989100200 EX1989120135 EX1993050114 EX1993050118

NOTE: Foreign Military Sales (FMS) Shipments: As applicable, all outer containers should be clearly marked with the FMS Case Designation, Requisition Number and Project Code, and Country Specific EX Numbers for NOA required shipments- See Section "F" for proper identification.

3. **BARCODE LABELS.** Bar-coded markings shall be applied to ammunition containers and unit loads in accordance with the following, providing coded elements of data that can be read and interpreted by automatic bar code reading devices (scanners). Labels used shall meet the requirements for a Grade A, Style 2, Composition (b) label as specified in MIL-PRF-61002 except that solvent and detergent resistance is not required. The bar code symbology and human readable information (HRI) that are to be applied shall be the standard DOD symbology as described in AIM-BC1. AIM-BC1 is a document published by AIM USA and may be obtained directly from AIM USA, 634 Alpha Drive, Pittsburgh, PA 15328. The bar code shall be printed in accordance with AIM-BC1, except that the bar code density shall be from medium to high density (i.e. from 5.2 to 9.4 characters per inch). Mark the packaging with two barcodes:

a. **NIIN LABEL.** The nine-digit National Item Identification Number (NIIN), Ownership Code, and Material Condition Code shall be encoded as single "message". See Figure D.4.a.1. The NIIN shall be encoded without the dashes. A space (encoded) shall be placed between the NIIN and the Ownership Code and between the Ownership Code and the Material Condition Code. Ownership code is listed in section B for each CLIN. Material Condition Code for ammunition lots for service use shall be in accordance with MIL-HDBK-129 Table V. Material Condition Code for LAT/FAT units shall be "D".

FIGURE D.4.a.1; see NOTE 2 above

b. **LOT NUMBER LABEL.** The Ammunition Lot Number (ALN), Maintenance Due Date (MDD) and quantity shall be encoded as a single "message". See Figure D.4.b.1. The ALN shall be encoded with the dashes. A space (encoded) shall be placed between the ALN and the MDD and between the MDD and quantity. The MDD or Expiration Date shall be a 4-digit data element representing the month (01 through 12) and the last two digits of the year. MDD date is calculated by adding the shelf life of the CLIN to the month and year of production of the ammunition lot.

FIGURE D.4.b.1; see NOTE 2 above

NOTE: The shelf life for CLIN 0001 is: **12 years**

4. **Traceable Seals for shipping containers:**

a. Traceable seals are required for delivery of all "ready to issue" (condition code A, B, C, or N) or "pending acceptance" (condition code D) ammunition and ordnance items, including inert configuration items. Traceable seals provide an indication of security and certification of material serviceability and apply to more than just hazardous materials.

b. The contractor shall ensure traceable seals are properly affixed in accordance with these requirements:

1. Traceable seals are applied to each shipping and storage container at the time of packaging. The shipping container will normally be the outer container.

2. **WIRE SEALS:** A wire seal is a wire length with an aluminum disk or pellet which is crimped or crushed using a die which imprints a "U.S." symbol on the disk/pellet. Wire seals are applied to containers having provisions or means for application of wire seals, e.g., metal containers, drums, or cradles and wood boxes with hinged covers and/or latches.

3. **LABEL SEALS:** A label seal is a nonmetallic label with a pressure sensitive backing and which is printed or stamped with a "U.S." symbol. Label seals are applied to containers which do not have provisions or means for application of wire seals, e.g., fiberboard or wood boxes without hasps or latches.

4. Label seals shall be applied such that the label must be cut or defaced in order to open a container. Adhesives shall adhere well enough to prevent peeling during shipping conditions and well enough to prevent lifting and replacement of the label. Particular consideration shall be given to label seals required to adhere to wood and fiberboard surfaces.

5. **Restrictions Involving Non-Manufactured Wood Packaging (NMWP) and Pallets** (per Defense Logistics Agency Directive subpart 47.305-1(c)(90): "All wooden pallets and wood containers produced of non-manufactured wood shall be constructed from Heat Treated (HT to 56 degrees Centigrade for 30 minutes) material and certified by an accredited agency recognized by the American Lumber Standards Committee (ALSC) in accordance with Non-manufactured Wood Packing Policy and Non-manufactured Wood Packing Enforcement Regulations, both dated May 30, 2001."

CLAUSES INCORPORATED BY REFERENCE

252.211-7004	Alternate Preservation, Packaging, and Packing	DEC 1991
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Section E - Inspection and Acceptance

INSPECTION AND ACCEPTANCE TERMS

Supplies/services will be inspected/accepted at:

CLIN	INSPECT AT	INSPECT BY	ACCEPT AT	ACCEPT BY
0001	N/A	N/A	N/A	Government
0001AA	N/A	N/A	N/A	Government
0001AB	N/A	N/A	N/A	Government
0001AC	N/A	N/A	N/A	Government
0002	N/A	N/A	N/A	Government
0002AA	N/A	N/A	N/A	Government
0002AB	N/A	N/A	N/A	Government
0002AC	N/A	N/A	N/A	Government
0003	N/A	N/A	N/A	Government
0003AA	N/A	N/A	N/A	Government
0003AB	N/A	N/A	N/A	Government
0003AC	N/A	N/A	N/A	Government
0004	N/A	N/A	N/A	Government
0004AA	N/A	N/A	N/A	Government
0004AB	N/A	N/A	N/A	Government
0004AC	N/A	N/A	N/A	Government
0004AD	N/A	N/A	N/A	Government
0004AE	N/A	N/A	N/A	Government
0004AF	N/A	N/A	N/A	Government
0005	N/A	N/A	N/A	Government
0005AA	N/A	N/A	N/A	Government
0005AB	N/A	N/A	N/A	Government
0005AC	N/A	N/A	N/A	Government

CLAUSES INCORPORATED BY REFERENCE

52.246-2	Inspection Of Supplies--Fixed Price	AUG 1996
52.246-15	Certificate of Conformance	APR 1984
52.246-16	Responsibility For Supplies	APR 1984

CLAUSES INCORPORATED BY FULL TEXT

52.246-11 HIGHER-LEVEL CONTRACT QUALITY (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 – 9001:2000

(Contracting Officer insert the title, number (if any), date, and tailoring (if any) of the higher-level quality standards.)

(End of clause)

Supplies furnished hereunder Shall be: Inspected at Contractor's and/or Subcontractor's plant or ()
Destination.

Acceptance Shall be: at Contractor's and/or Subcontractor's plant or () Destination.

If supplies will be packaged at a location different from the offeror address indicated on the solicitation, the offeror shall provide the name and street address of the packaging location:

Packaging House

Address

Section F - Deliveries or Performance

SECTION F

SECTION F - DELIVERIES OR PERFORMANCE (MAY 2013)

Unless otherwise indicated in this contract, accelerated delivery is desirable and acceptable. The addresses for the activities designated to receive supplies are listed below:

**LINE / SUBLINE ITEM
AND QTY**

SHIP TO:

MARK FOR:

0001AC 8 EA	RECEIVING OFFICE INDIAN HEAD DIVISION NAVAL SURFACE WAREFARE CENTER 101 STRAUSS AVE INDIAN HEAD, MD 20640-1542	N00174 EXPLOSIVE SCALES (Bldg 1103) NAVY STOCK & ISSUE CONDITION CODE A COG 3 NSN 1377-01-084-9358ES DODIC: ZY57
0002AC 100 EA	MAPAC: DSZK00 SUPPL ADDRESS: DXXCYO PRI: 09	MARK FOR: DSZK00 FMS CASE: SZ-D-CYO REQUISITION NO: DSZK9440937603
0003AC 20 EA	MAPAC: DCI002 SUPPL ADDRESS: DZ2CAW PRI: 08	MARK FOR: DCIB00 FMS CASE: CI-D-CAW REQUISITION NO: DCIB8440837611
0004AC 14 EA	MAPAC: DBAA00 SUPPL ADDRESS: DXXCAG PRI: 06	MARK FOR: DBAA00 FMS CASE: BA-D-CAG REQUISITION NO: DBAA9440777613
0004AD 30 EA	MAPAC: DKSH00 SUPPL ADDRESS: DXXCBF PRI: 06	MARK FOR: DKSH00 FMS CASE: KS-D-CBF REQUISITION NO: DKSH9440767660
0004AE 16 EA	MAPAC: DTU003 SUPP ADDRESS: DZ3CAZ PRI: 03	MARK FOR: DTUB00 FMS CASE: TU-D-CAZ REQUISITION NO: DTUB8441777605
0004AF 40 EA	RECEIVING OFFICE INDIAN HEAD DIVISION NAVAL SURFACE WAREFARE CENTER 101 STRAUSS AVE INDIAN HEAD, MD 20640-1542	N00174 EXPLOSIVE SCALES (Bldg 1103) NAVY STOCK & ISSUE CONDITION CODE A COG 3 NSN 1377-01-360-4900ES DODIC: MU23
0005AC 12 EA	MAPAC: DPLE00 SUPPL ADDRESS: DXXQAH PRI: 06	MARK FOR: DPLE00 FMS CASE: PL-D-QAH REQUISITION NO: DPLE9N40787601

NOTE: The above Mark For information is to be noted on the WAWF-RR for each applicable subline item.

SECTION F - FOREIGN MILITARY SALES (FMS) SHIPMENTS (FEB 2006)

The Cognizant DCMA Transportation Office shall forward copies of the Notice of Availability for all FMS shipments to the activities listed below:

COMMANDER NSWC IHEODTD FAX: 301-744-6699 **ATTN:** CODE: E21xx

COMMANDER OGDEN ALC FAX: 801-777-5545 **ATTN:** CODE: 84 MSUG / GBMUM

DELIVERY INFORMATION

CLIN	DELIVERY DATE	QUANTITY	SHIP TO ADDRESS	UIC
0001	N/A	N/A	N/A	N/A
0001AA	N/A	N/A	N/A	N/A
0001AB	N/A	N/A	N/A	N/A
0001AC	N/A	N/A	N/A	N/A
0002	N/A	N/A	N/A	N/A
0002AA	N/A	N/A	N/A	N/A
0002AB	N/A	N/A	N/A	N/A
0002AC	N/A	N/A	N/A	N/A
0003	N/A	N/A	N/A	N/A
0003AA	N/A	N/A	N/A	N/A
0003AB	N/A	N/A	N/A	N/A
0003AC	N/A	N/A	N/A	N/A
0004	N/A	N/A	N/A	N/A
0004AA	N/A	N/A	N/A	N/A
0004AB	N/A	N/A	N/A	N/A
0004AC	N/A	N/A	N/A	N/A
0004AD	N/A	N/A	N/A	N/A
0004AE	N/A	N/A	N/A	N/A
0004AF	N/A	N/A	N/A	N/A
0005	N/A	N/A	N/A	N/A
0005AA	N/A	N/A	N/A	N/A
0005AB	N/A	N/A	N/A	N/A
0005AC	N/A	N/A	N/A	N/A

CLAUSES INCORPORATED BY REFERENCE

52.242-15	Stop-Work Order	AUG 1989
52.242-17	Government Delay Of Work	APR 1984
52.247-29	F.O.B. Origin	FEB 2006
52.247-30	F.O.B. Origin, Contractor's Facility	FEB 2006
52.247-48	F.O.B. Destination--Evidence Of Shipment	FEB 1999
52.247-52	Clearance and Documentation Requirements-Shipments to DOD Air or Water Terminal Transshipment Points	FEB 2006
252.247-7023	Transportation of Supplies by Sea	APR 2014
252.247-7028	Application for U.S. Government Shipping Documentation/Instructions	JUN 2012

CLAUSES INCORPORATED BY FULL TEXT

***52.211-8 TIME OF DELIVERY (CAD)**

(a) The Government requires delivery to be made according to the following schedule:

REQUIRED DELIVERY SCHEDULE

Item	Quantity	Days	Item	Quantity	Days
0001AB (LAT)		330 DADC	0004AB (LAT)		330 DADC
0001AC	8 EA	330 DADC	0004AC	14 EA	330 DADC
0002AB (LAT)		330 DADC	0004AD	30 EA	330 DADC
0002AC	200 EA	330 DADC	0004AE	16 EA	330 DADC
0003AB (LAT)		330 DADC	0004AF	40 EA	330 DADC
0003AC	20 EA	330 DADC	0005AB (LAT)		330 DADC
			0005AC	12 EA	330 DADC

KEY: DADC = Days After Date of Contract DAFATA = Days After First Article Test Approval

The Government will evaluate equally, as regards time of delivery, offers that propose delivery of each quantity within the applicable delivery period specified above. Offers that propose delivery that will not clearly fall within the applicable required delivery period specified above, will be considered non-responsive and rejected. The Government reserves the right to award under either the required delivery schedule or the proposed delivery schedule, when an offeror offers an earlier delivery schedule than required above. If the offeror proposes no other delivery schedule, the required delivery schedule above will apply.

OFFERORS PROPOSED DELIVERY SCHEDULE

Item	Quantity	Days	Item	Quantity	Days
0001AB (LAT)			0004AB (LAT)		
0001AC	8 EA		0004AC	14 EA	

0002AB (LAT)			0004AD	30 EA	
0002AC	200 EA		0004AE	16 EA	
0003AB (LAT)			0004AF	40 EA	
0003AC	20 EA		0005AB (LAT)		
			0005AC	12 EA	

(b) Attention is directed to the Contract Award provision of the solicitation that provides that a written award or acceptance of offer mailed, or otherwise furnished to the successful offeror, results in a binding contract. The Government will mail or otherwise furnish to the offeror an award or notice of award not later than the day award is dated. Therefore, the offeror should compute the time available for performance beginning with the actual date of award, rather than the date the written notice of award is received from the Contracting Officer through the ordinary mails. However, the Government will evaluate an offer that proposes delivery based on the Contractor's date of receipt of the contract or notice of award by adding (1) five calendar days for delivery of the award through the ordinary mails, or (2) one working day if the solicitation states that the contract or notice of award will be transmitted electronically. (The term "working day" excludes weekends and U.S. Federal holidays.) **If, as so computed, the offered delivery date is later than the required delivery date, the offer will be considered non-responsive and rejected.**

CLAUSES INCORPORATED BY FULL TEXT

Offers/Bids submitted on an F.O.B. basis other than that required by the Solicitation.

() shall be rejected as non-responsive.

(X) may be rejected as unacceptable

Section G - Contract Administration Data

Section H - Special Contract Requirements

SECTION H

SECTION H - SPECIAL DISTRIBUTION (MAY 2007)

NOTE 1: Use of the Wide Area Work Flow Receipt and Acceptance (WAWF-RR) electronic form is required. See clause 252.246-7000 Material Inspection and Receiving Report (March 2003) and 252.232-7003 Electronics Submission of Payment Requests and Receiving Reports (MAR 2008).

NOTE 2: When using WAWF-RR to submit Contract Data Requirements List (CDRL) data and “Not Separately Priced” items, the following information shall be listed in the “Comments” field of the WAWF electronic form: *Shipping company, shipment tracking number, and date shipped.*

WAWF-RR documents accompanying the shipment are to be attached as follows (**Type of Shipment** - Location):

Carload or truckload - Affix to the shipment where it will be readily visible and available upon request.

Less than carload or truckload - Affix to container number one or container bearing lowest number.

Mail, including parcel post - Attach to outside or include in the package. Include a copy in each additional package of multi-package shipments.

SECTION H - SPECIAL DISTRIBUTION (MAY 2007)

KEY: * = Hard Copy ** = Provisional for LATs Only S = Include all other shipping documents

ADC	WAWF-RR	GBL	DESIGNATOR / CLIN	DESIGNEE and E-Mail Addresses
1*	1		0001	CONSIGNEE
1*	1	S	0001	CONTRACT ADMINISTRATION OFFICE (DCMA)
1*	1	S	0001	GOVERNMENT QUALITY ASSURANCE REPRESENTATIVE
1*	1	S	0001	TRANSPORTATION OFFICE ISSUING GBL (<i>ATTACH TO GBL MEMORANDUM COPY</i>)
	1		0001	COMMANDER NAVSUP WEAPON SYSTEMS SUPPORT 5450 CARLISLE PIKE PO BOX 2020 BLDG 410 MECHANICSBURG PA 17055-0788 ATTN: Code 0242.XX <i>Administrator will be determined at time of award.</i>
	1		0001	649 MUNS LANE LGAD BLDG 1377 BAY 2 6024 PINE LANE HILL AFB UT 84056-5707
	1		0001	AFLCMC/EBHJ JPO DIV 6044 DOGWOOD AVE BLDG 1256 HILL AFB UT 84056-5619 ATTN: Code WZD shari.gosnell@hill.af.mil
	1		0001	418 SCMS/GULAAC OGDEN AIR LOGISTICS CENTER 6038 ASPEN AVENUE HILL AFB UT 84056-5320 ATTN: Code 510 gudrun.harper@jill.af.mil CBSS/GBMAC

Section I - Contract Clauses

CLAUSES INCORPORATED BY REFERENCE

52.202-1	Definitions	NOV 2013
52.203-3	Gratuities	APR 1984
52.203-5	Covenant Against Contingent Fees	MAY 2014
52.203-6	Restrictions On Subcontractor Sales To The Government	SEP 2006
52.203-7	Anti-Kickback Procedures	MAY 2014
52.203-8	Cancellation, Rescission, and Recovery of Funds for Illegal or Improper Activity	MAY 2014
52.203-10	Price Or Fee Adjustment For Illegal Or Improper Activity	MAY 2014
52.203-12	Limitation On Payments To Influence Certain Federal Transactions	OCT 2010
52.203-17	Contractor Employee Whistleblower Rights and Requirement To Inform Employees of Whistleblower Rights	APR 2014
52.204-4	Printed or Copied Double-Sided on Postconsumer Fiber Content Paper	MAY 2011
52.204-10	Reporting Executive Compensation and First-Tier Subcontract Awards	JUL 2013
52.204-13	System for Award Management Maintenance	JUL 2013
52.209-6	Protecting the Government's Interest When Subcontracting With Contractors Debarred, Suspended, or Proposed for Debarment	AUG 2013
52.209-10	Prohibition on Contracting With Inverted Domestic Corporations	MAY 2012
52.211-5	Material Requirements	AUG 2000
52.211-15	Defense Priority And Allocation Requirements	APR 2008
52.215-2	Audit and Records--Negotiation	OCT 2010
52.215-8	Order of Precedence--Uniform Contract Format	OCT 1997
52.215-14	Integrity of Unit Prices	OCT 2010
52.215-17	Waiver of Facilities Capital Cost of Money	OCT 1997
52.219-8	Utilization of Small Business Concerns	OCT 2014
52.222-1	Notice To The Government Of Labor Disputes	FEB 1997
52.222-3	Convict Labor	JUN 2003
52.222-4	Contract Work Hours and Safety Standards Act - Overtime Compensation	MAY 2014
52.222-19	Child Labor -- Cooperation with Authorities and Remedies	JAN 2014
52.222-20	Contracts for Materials, Supplies, Articles, and Equipment Exceeding \$15,000	MAY 2014
52.222-21	Prohibition Of Segregated Facilities	FEB 1999
52.222-26	Equal Opportunity	MAR 2007
52.222-29	Notification Of Visa Denial	JUN 2003
52.222-35	Equal Opportunity for Veterans	JUL 2014
52.222-36	Equal Opportunity for Workers with Disabilities	JUL 2014
52.222-37	Employment Reports on Veterans	JUL 2014
52.222-40	Notification of Employee Rights Under the National Labor Relations Act	DEC 2010
52.222-50	Combating Trafficking in Persons	FEB 2009
52.222-54	Employment Eligibility Verification	AUG 2013
52.223-6	Drug-Free Workplace	MAY 2001
52.223-18	Encouraging Contractor Policies To Ban Text Messaging While Driving	AUG 2011
52.225-13	Restrictions on Certain Foreign Purchases	JUN 2008

52.227-1	Authorization and Consent	DEC 2007
52.227-2	Notice And Assistance Regarding Patent And Copyright Infringement	DEC 2007
52.227-3	Patent Indemnity	APR 1984
52.229-3	Federal, State And Local Taxes	FEB 2013
52.232-8	Discounts For Prompt Payment	FEB 2002
52.232-11	Extras	APR 1984
52.232-17	Interest	MAY 2014
52.232-18	Availability Of Funds	APR 1984
52.232-23	Assignment Of Claims	MAY 2014
52.232-25	Prompt Payment	JUL 2013
52.232-33	Payment by Electronic Funds Transfer--System for Award Management	JUL 2013
52.232-39	Unenforceability of Unauthorized Obligations	JUN 2013
52.232-40	Providing Accelerated Payments to Small Business Subcontractors	DEC 2013
52.233-1	Disputes	MAY 2014
52.233-3	Protest After Award	AUG 1996
52.242-13	Bankruptcy	JUL 1995
52.243-1	Changes--Fixed Price	AUG 1987
52.244-2	Subcontracts	OCT 2010
52.244-5	Competition In Subcontracting	DEC 1996
52.244-6	Subcontracts for Commercial Items	OCT 2014
52.246-23	Limitation Of Liability	FEB 1997
52.247-1	Commercial Bill Of Lading Notations	FEB 2006
52.248-1	Value Engineering	OCT 2010
52.249-2	Termination For Convenience Of The Government (Fixed-Price)	APR 2012
52.249-8	Default (Fixed-Price Supply & Service)	APR 1984
52.253-1	Computer Generated Forms	JAN 1991
252.203-7000	Requirements Relating to Compensation of Former DoD Officials	SEP 2011
252.203-7001	Prohibition On Persons Convicted of Fraud or Other Defense-Contract-Related Felonies	DEC 2008
252.203-7002	Requirement to Inform Employees of Whistleblower Rights	SEP 2013
252.204-7000	Disclosure Of Information	AUG 2013
252.204-7002	Payment For Subline Items Not Separately Priced	DEC 1991
252.204-7003	Control Of Government Personnel Work Product	APR 1992
252.204-7012	Safeguarding of Unclassified Controlled Technical Information	NOV 2013
252.204-7015	Disclosure of Information to Litigation Support Contractors	FEB 2014
252.209-7004	Subcontracting With Firms That Are Owned or Controlled By The Government of a Terrorist Country	MAR 2014
252.223-7004	Drug Free Work Force	SEP 1988
252.225-7001	Buy American And Balance Of Payments Program-- Basic (Nov 2014)	NOV 2014
252.225-7002	Qualifying Country Sources As Subcontractors	DEC 2012
252.225-7005	Identification Of Expenditures In The United States	JUN 2005
252.225-7012	Preference For Certain Domestic Commodities	FEB 2013
252.225-7013	Duty-Free Entry--Basic (Nov 2014)	NOV 2014
252.225-7021	Trade Agreements--Basic (Nov 2014)	NOV 2014
252.225-7028	Exclusionary Policies And Practices Of Foreign Government	APR 2003
252.225-7036	Buy American--Free Trade Agreement--Balance of Payments Program--Basic (Nov 2014)	NOV 2014
252.225-7048	Export-Controlled Items	JUN 2013

252.227-7013	Rights in Technical Data--Noncommercial Items	FEB 2014
252.227-7028	Technical Data or Computer Software Previously Delivered to the Government	JUN 1995
252.227-7030	Technical Data--Withholding Of Payment	MAR 2000
252.227-7037	Validation of Restrictive Markings on Technical Data	JUN 2013
252.231-7000	Supplemental Cost Principles	DEC 1991
252.232-7010	Levies on Contract Payments	DEC 2006
252.243-7001	Pricing Of Contract Modifications	DEC 1991
252.243-7002	Requests for Equitable Adjustment	DEC 2012
252.244-7000	Subcontracts for Commercial Items	JUN 2013
252.244-7001	Contractor Purchasing System Administration	MAY 2014
252.246-7000	Material Inspection And Receiving Report	MAR 2008
252.246-7001	Warranty Of Data	MAR 2014

CLAUSES INCORPORATED BY FULL TEXT

52.209-1 QUALIFICATION REQUIREMENTS (FEB 1995)

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

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

AGENCY NAME / ADDRESS

NSWC IHEODTD
 CAD/PAD Department, Bldg 1557 CODE: E24 (robert.hastings@navy.mil)
 4393 Benson Road
 Indian Head MD 20640

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

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

(d) Even though a product or service subject to a qualification requirement is not in itself an end item under this contract, the product, manufacturer, or source must nevertheless be qualified at the time of award of this contract. This is necessary whether the Contractor or a subcontractor will ultimately provide the product or service in question. If, after award, the Contracting Officer discovers that an applicable qualification requirement was not in

fact met at the time of award, the Contracting Officer may either terminate the contract for default or allow performance to continue if adequate consideration is offered and the action is determined to be otherwise in the Government's best interests.

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

(f) Any change in location or ownership of the plant where a previously qualified product or service was manufactured or performed requires reevaluation of the qualification. Similarly, any change in location or ownership of a previously qualified manufacturer or source requires reevaluation of the qualification. The reevaluation must be accomplished before the date of award.

(End of clause)

CLAUSES INCORPORATED BY FULL TEXT

52.219-28 POST-AWARD SMALL BUSINESS PROGRAM REREPRESENTATION (JULY 2013)

(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>.

(d) The small business size standard for a Contractor providing a product which it does not manufacture itself, for a contract other than a construction or service contract, is 500 employees.

(e) Except as provided in paragraph (g) of this clause, the Contractor shall make the representation required by paragraph (b) of this clause by validating or updating all its representations in the Representations and Certifications section of the System for Award Management (SAM) and its other data in SAM, as necessary, to ensure that they reflect the Contractor's current status. The

Contractor shall notify the contracting office in writing within the timeframes specified in paragraph (b) of this clause that the data have been validated or updated, and provide the date of the validation or update.

(f) If the Contractor represented that it was other than a small business concern prior to award of this contract, the Contractor may, but is not required to, take the actions required by paragraphs (e) or (g) of this clause.

(g) If the Contractor does not have representations and certifications in SAM, or does not have a representation in SAM for the NAICS code applicable to this contract, the Contractor is required to complete the following rerepresentation and submit it to the contracting office, along with the contract number and the date on which the rerepresentation was completed:

The Contractor represents that it () is, () is not a small business concern under NAICS Code _____ - assigned to contract number _____.

(Contractor to sign and date and insert authorized signer's name and title).

(End of clause)

CLAUSES INCORPORATED BY FULL TEXT

52.223-3 HAZARDOUS MATERIAL IDENTIFICATION AND MATERIAL SAFETY DATA (JAN 1997)

(a) "Hazardous material", as used in this clause, includes any material defined as hazardous under the latest version of Federal Standard No. 313 (including revisions adopted during the term of the contract).

(b) The offeror must list any hazardous material, as defined in paragraph (a) of this clause, to be delivered under this contract. The hazardous material shall be properly identified and include any applicable identification number, such as National Stock Number or Special Item Number. This information shall also be included on the Material Safety Data Sheet submitted under this contract.

Material (If none, insert "None")	Identification No.
---	--------------------

_____	_____
_____	_____
_____	_____

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

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

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

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

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

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

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

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

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

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

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

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

(End of clause)

CLAUSES INCORPORATED BY FULL TEXT

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)

CLAUSES INCORPORATED BY FULL TEXT

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(es):

FAR Clauses: <http://acquisition.gov/far/>

DFARS Clauses: <http://www.acq.osd.mil/dpap/dars/dfars/>

(End of clause)

CLAUSES INCORPORATED BY FULL TEXT

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 insert regulation name (48 CFR _____) clause with an authorized deviation is indicated by the addition of "(DEVIATION)" after the name of the regulation.

(End of clause)

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252.209-7010 CRITICAL SAFETY ITEMS (AUG 2011)

(a) Definitions.

Aviation critical safety item means a part, an assembly, installation equipment, launch equipment, recovery equipment, or support equipment for an aircraft or aviation weapon system if the part, assembly, or equipment contains a characteristic any failure, malfunction, or absence of which could cause--

(i) A catastrophic or critical failure resulting in the loss of, or serious damage to, the aircraft or weapon system;

- (ii) An unacceptable risk of personal injury or loss of life; or
- (iii) An uncommanded engine shutdown that jeopardizes safety.

Design control activity. (i) With respect to an aviation critical safety item, means the systems command of a military department that is specifically responsible for ensuring the airworthiness of an aviation system or equipment, in which an aviation critical safety item is to be used; and

(ii) With respect to a ship critical safety item, means the systems command of a military department that is specifically responsible for ensuring the seaworthiness of a ship or ship equipment, in which a ship critical safety item is to be used.

Ship critical safety item means any ship part, assembly, or support equipment containing a characteristic, the failure, malfunction, or absence of which could cause--

- (i) A catastrophic or critical failure resulting in loss of, or serious damage to, the ship; or
- (ii) An unacceptable risk of personal injury or loss of life.

(b) Identification of critical safety items. One or more of the items being procured under this contract is an aviation or ship critical safety item. The following items have been designated aviation critical safety items or ship critical safety items by the designated design control activity:

(Insert additional lines as necessary)

(c) Heightened quality assurance surveillance. Items designated in paragraph (b) of this clause are subject to heightened, risk-based surveillance by the designated quality assurance representative.

(End of clause)

CLAUSES INCORPORATED BY FULL TEXT

252.209-7999 Representation by corporations regarding an unpaid delinquent tax liability or a felony conviction under any Federal law (Deviation 2012-O0004) (JAN 2012)

(a) In accordance with sections 8124 and 8125 of Division A of the Consolidated Appropriations Act, 2012, (Pub. L. 112-74) none of the funds made available by that Act 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.

(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)

CLAUSES INCORPORATED BY FULL TEXT

252.211-7003 ITEM UNIQUE IDENTIFICATION AND VALUATION (DEC 2013)

(a) Definitions. As used in this clause'

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

Concatenated unique item identifier means--

(1) For items that are serialized within the enterprise identifier, the linking together of the unique identifier data elements in order of the issuing agency code, enterprise identifier, and unique serial number within the enterprise identifier; or

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

Data Matrix means a two-dimensional matrix symbology, which is made up of square or, in some cases, round modules arranged within a perimeter finder pattern and uses the Error Checking and Correction 200 (ECC200) specification found within International Standards Organization (ISO)/International Electrotechnical Commission (IEC) 16022.

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

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

DoD item unique identification means a system of marking items delivered to DoD with unique item identifiers that have machine-readable data elements to distinguish an item from all other like and unlike items. For items that are serialized within the enterprise identifier, the unique item identifier shall include the data elements of the enterprise identifier and a unique serial number. For items that are serialized within the part, lot, or batch number within the

enterprise identifier, the unique item identifier shall include the data elements of the enterprise identifier; the original part, lot, or batch number; and the serial number.

Enterprise means the entity (e.g., a manufacturer or vendor) responsible for assigning unique item identifiers to items.

Enterprise identifier means a code that is uniquely assigned to an enterprise by an issuing agency.

Government's unit acquisition cost means--

(1) For fixed-price type line, subline, or exhibit line items, the unit price identified in the contract at the time of delivery;

(2) For cost-type or undefinitized line, subline, or exhibit line items, the Contractor's estimated fully burdened unit cost to the Government at the time of delivery; and

(3) For items produced under a time-and-materials contract, the Contractor's estimated fully burdened unit cost to the Government at the time of delivery.

Issuing agency means an organization responsible for assigning a globally unique identifier to an enterprise (e.g., Dun & Bradstreet's Data Universal Numbering System (DUNS) Number, GS1 Company Prefix, Allied Committee 135 NATO Commercial and Government Entity (NCAGE)/Commercial and Government Entity (CAGE) Code, or the Coded Representation of the North American Telecommunications Industry Manufacturers, Suppliers, and Related Service Companies (ATIS-0322000) Number), European Health Industry Business Communication Council (EHIBCC) and Health Industry Business Communication Council (HIBCC)), as indicated in the Register of Issuing Agency Codes for ISO/IEC 15459, located at <http://www.nen.nl/Normontwikkeling/Certificatieschemas-en-keurmerken/Schemabeheer/ISOIEC-15459.htm>.

Issuing agency code means a code that designates the registration (or controlling) authority for the enterprise identifier.

Item means a single hardware article or a single unit formed by a grouping of subassemblies, components, or constituent parts.

Lot or batch number means an identifying number assigned by the enterprise to a designated group of items, usually referred to as either a lot or a batch, all of which were manufactured under identical conditions.

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

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

Parent item means the item assembly, intermediate component, or subassembly that has an embedded item with a unique item identifier or DoD recognized unique identification equivalent.

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

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

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

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

Type designation means a combination of letters and numerals assigned by the Government to a major end item, assembly or subassembly, as appropriate, to provide a convenient means of differentiating between items having the same basic name and to indicate modifications and changes thereto.

Unique item identifier means a set of data elements marked on items that is globally unique and unambiguous. The term includes a concatenated unique item identifier or a DoD recognized unique identification equivalent.

Unique item identifier type means a designator to indicate which method of uniquely identifying a part has been used. The current list of accepted unique item identifier types is maintained at http://www.acq.osd.mil/dpap/pdi/uid/uii_types.html.

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

(c) Unique item identifier. (1) The Contractor shall provide a unique item identifier for the following:

(i) Delivered items for which the Government's unit acquisition cost is \$5,000 or more, except for the following line items:

Contract line, subline, or exhibit line item No.	Item description
.....

(ii) Items for which the Government's unit acquisition cost is less than \$5,000 that are identified in the Schedule or the following table:

Contract line, subline, or exhibit line item No.	Item description
.....

(If items are identified in the Schedule, insert "See Schedule" in this table.)

(iii) Subassemblies, components, and parts embedded within delivered items, items with warranty requirements, DoD serially managed reparables and DoD serially managed nonreparables as specified in Attachment Number ----.

(iv) Any item of special tooling or special test equipment as defined in FAR 2.101 that have been designated for preservation and storage for a Major Defense Acquisition Program as specified in Attachment Number ----.

(v) Any item not included in paragraphs (c)(1)(i), (ii), (iii), or

(iv) of this clause for which the contractor creates and marks a unique item identifier for traceability.

(2) The unique item identifier assignment and its component data element combination shall not be duplicated on any other item marked or registered in the DoD Item Unique Identification Registry by the contractor.

(3) The unique item identifier component data elements shall be marked on an item using two dimensional data matrix symbology that complies with ISO/IEC International Standard 16022, Information technology--International symbology specification--Data matrix; ECC200 data matrix specification.

(4) Data syntax and semantics of unique item identifiers. The Contractor shall ensure that--

(i) The data elements (except issuing agency code) of the unique item identifier are encoded within the data matrix symbol that is marked on the item using one of the following three types of data qualifiers, as determined by the Contractor:

(A) Application Identifiers (AIs) (Format Indicator 05 of ISO/IEC International Standard 15434), in accordance with ISO/IEC International Standard 15418, Information Technology--EAN/UCC Application Identifiers and Fact Data Identifiers and Maintenance and ANSI MH 10.8.2 Data Identifier and Application Identifier Standard.

(B) Data Identifiers (DIs) (Format Indicator 06 of ISO/IEC International Standard 15434), in accordance with ISO/IEC International Standard 15418, Information Technology--EAN/UCC Application Identifiers and Fact Data Identifiers and Maintenance and ANSI MH 10.8.2 Data Identifier and Application Identifier Standard.

(C) Text Element Identifiers (TEIs) (Format Indicator 12 of ISO/IEC International Standard 15434), in accordance with the Air Transport Association Common Support Data Dictionary; and

(ii) The encoded data elements of the unique item identifier conform to the transfer structure, syntax, and coding of messages and data formats specified for Format Indicators 05, 06, and 12 in ISO/IEC International Standard 15434, Information Technology-Transfer Syntax for High Capacity Automatic Data Capture Media.

(5) Unique item identifier.

(i) The Contractor shall--

(A) Determine whether to--

(1) Serialize within the enterprise identifier;

(2) Serialize within the part, lot, or batch number; or

(3) Use a DoD recognized unique identification equivalent (e.g. Vehicle Identification Number); and

(B) Place the data elements of the unique item identifier (enterprise identifier; serial number; DoD recognized unique identification equivalent; and for serialization within the part, lot, or batch number only: Original part, lot, or batch number) on items requiring marking by paragraph (c)(1) of this clause, based on the criteria provided in MIL-STD-130, Identification Marking of U.S. Military Property, latest version;

(C) Label shipments, storage containers and packages that contain uniquely identified items in accordance with the requirements of MIL-STD-129, Military Marking for Shipment and Storage, latest version; and

(D) Verify that the marks on items and labels on shipments, storage containers, and packages are machine readable and conform to the applicable standards. The contractor shall use an automatic identification technology device for this verification that has been programmed to the requirements of Appendix A, MIL-STD-130, latest version.

(ii) The issuing agency code--

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

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

(d) For each item that requires item unique identification under paragraph (c)(1)(i), (ii), or (iv) of this clause or when item unique identification is provided under paragraph (c)(1)(v), in addition to the information provided as part of the Material Inspection and Receiving Report specified elsewhere in this contract, the Contractor shall report at the time of delivery, as part of the Material Inspection and Receiving Report, the following information:

(1) Unique item identifier.

(2) Unique item identifier type.

(3) Issuing agency code (if concatenated unique item identifier is used).

(4) Enterprise identifier (if concatenated unique item identifier is used).

(5) Original part number (if there is serialization within the original part number).

(6) Lot or batch number (if there is serialization within the lot or batch number).

(7) Current part number (optional and only if not the same as the original part number).

(8) Current part number effective date (optional and only if current part number is used).

(9) Serial number (if concatenated unique item identifier is used).

(10) Government's unit acquisition cost.

(11) Unit of measure.

(e) For embedded subassemblies, components, and parts that require DoD unique item identification under paragraph (c)(1)(iii) of this clause, the Contractor shall report as part of, or associated with, the Material Inspection and Receiving Report specified elsewhere in this contract, the following information:

(1) Unique item identifier of the parent item under paragraph (c)(1) of this clause that contains the embedded subassembly, component, or part.

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

(3) Unique item identifier type.**

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

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

(6) Original part number (if there is serialization within the original part number).**

(7) Lot or batch number (if there is serialization within the lot or batch number).**

(8) Current part number (optional and only if not the same as the original part number).**

(9) Current part number effective date (optional and only if current part number is used).**

- (10) Serial number (if concatenated unique item identifier is used).**
- (11) Description.
- (12) Type designation of the item as specified in the contract schedule, if any.
- (13) Whether the item is an item of Special Tooling or Special Test Equipment.
- (14) Whether the item is covered by a warranty.

** Once per item.

(e) For embedded subassemblies, components, and parts that require DoD item unique identification under paragraph (c)(1)(iii) of this clause or when item unique identification is provided under paragraph (c)(1)(v), the Contractor shall report as part of the Material Inspection and Receiving Report specified elsewhere in this contract, the following information:

(f) The Contractor shall submit the information required by paragraphs (d) and (e) of this clause as follows:

(1) End items shall be reported using the receiving report capability in Wide Area WorkFlow (WAWF) in accordance with the clause at 252.232-7003. If WAWF is not required by this contract, and the contractor is not using WAWF, follow the procedures at <http://dodprocurementtoolbox.com/site/uidregistry/>.

(2) Embedded items shall be reported by one of the following methods--

(i) Use of the embedded items capability in WAWF;

(ii) Direct data submission to the IUID Registry following the procedures and formats at <http://dodprocurementtoolbox.com/site/uidregistry/>; or

(iii) Via WAWF as a deliverable attachment for exhibit line item number (fill in) ----, Unique Item Identifier Report for Embedded Items, Contract Data Requirements List, DD Form 1423.

(g) Subcontracts. If the Contractor acquires by contract any items for which item unique identification is required in accordance with paragraph (c)(1) of this clause, the Contractor shall include this clause, including this paragraph (g), in the applicable subcontract(s), including subcontracts for commercial items.

(End of clause)

CLAUSES INCORPORATED BY FULL TEXT

252.223-7001 HAZARD WARNING LABELS (DEC 1991)

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

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

CLAUSES INCORPORATED BY FULL TEXT

252.223-7002 SAFETY PRECAUTIONS FOR AMMUNITION AND EXPLOSIVES (MAY 1994)

(a) Definition. "Ammunition and explosives," as used in this clause --

(1) Means liquid and solid propellants and explosives, pyrotechnics, incendiaries and smokes in the following forms:

(i) Bulk,

(ii) Ammunition;

(iii) Rockets;

(iv) Missiles;

(v) Warheads;

(vi) Devices; and

(vii) Components of (i) through (vi), except for wholly inert items.

(2) This definition does not include the following, unless the Contractor is using or incorporating these materials for initiation, propulsion, or detonation as an integral or component part of an explosive, an ammunition or explosive end item, or of a weapon system --

(i) Inert components containing no explosives, propellants, or pyrotechnics;

(ii) Flammable liquids;

(iii) Acids;

(iv) Powdered metals; or

(v) Oxidizers;

(vi) Other materials having fire or explosive characteristics.

(b) Safety requirements.

(1) The Contractor shall comply with the requirements of the DoD Contractors' Safety Manual for Ammunition and Explosives, DoD 4145.26-M hereafter referred to as "the manual", in effect on the date of the solicitation for this contract. The Contractor shall also comply with any other additional requirements included in the schedule of this contract.

(2) The Contractor shall allow the Government access to the Contractor's facilities, personnel, and safety program documentation. The Contractor shall allow authorized Government representatives to evaluate safety programs, implementation, and facilities.

(c) Noncompliance with the manual.

(1) If the Contracting Officer notifies the Contractor of any noncompliance with the manual or schedule provisions, the Contractor shall take immediate steps to correct the noncompliance. The Contractor is not entitled to reimbursement of costs incurred to correct noncompliances unless such reimbursement is specified elsewhere in the contract.

(2) The Contractor has 30 days from the date of notification by the Contracting Officer to correct the noncompliance and inform the Contracting Officer of the actions taken. The Contracting Officer may direct a different time period for the correction of noncompliances.

(3) If the Contractor refuses or fails to correct noncompliances within the time period specified by the Contracting Officer, the Government has the right to direct the Contractor to cease performance on all or part of this contract. The Contractor shall not resume performance until the Contracting Officer is satisfied that the corrective action was effective and the Contracting Officer so informs the Contractor.

(4) The Contracting Officer may remove Government personnel at any time the Contractor is in noncompliance with any safety requirement of this clause.

(5) If the direction to cease work or the removal of Government personnel results in increased costs to the Contractor, the Contractor shall not be entitled to an adjustment in the contract price or a change in the delivery or performance schedule unless the Contracting Officer later determines that the Contractor had in fact complied with the manual or schedule provisions. If the Contractor is entitled to an equitable adjustment, it shall be made in accordance with the Changes clause of this contract.

(d) Mishaps. If a mishap involving ammunition or explosives occurs, the Contractor shall --

(1) Notify the Contracting Officer immediately;

(2) Conduct an investigation in accordance with other provisions of this contract or as required by the Contracting Officer; and

(3) Submit a written report to the Contracting Officer.

(e) Contractor responsibility for safety. (1) Nothing in this clause, nor any Government action or failure to act in surveillance of this contract, shall relieve the Contractor of its responsibility for the safety of --

(i) The Contractor's personnel and property;

(ii) The Government's personnel and property; or

(iii) The general public.

(2) Nothing in this clause shall relieve the Contractor of its responsibility for complying with applicable Federal, State, and local laws, ordinances, codes, and regulations (including those requiring the obtaining of licenses and permits) in connection with the performance of this contract.

(f) Contractor responsibility for contract performance. (1) Neither the number or frequency of inspections performed by the Government, nor the degree of surveillance exercised by the Government, relieve the Contractor of its responsibility for contract performance.

(2) If the Government acts or fails to act in surveillance or enforcement of the safety requirements of this contract, this does not impose or add to any liability of the Government.

(g) Subcontractors. (1) The Contractor shall insert this clause, including this paragraph (g), in every subcontract that involves ammunition or explosives.

(i) The clause shall include a provision allowing authorized Government safety representatives to evaluate subcontractor safety programs, implementation, and facilities as the Government determines necessary.

(ii) Note: The Government Contracting Officer or authorized representative shall notify the prime Contractor of all findings concerning subcontractor safety and compliance with the manual. The Contracting Officer or authorized representative may furnish copies to the subcontractor. The Contractor in turn shall communicate directly with the subcontractor, substituting its name for references to "the Government". The Contractor and higher tier subcontractors shall also include provisions to allow direction to cease performance of the subcontract if a serious uncorrected or recurring safety deficiency potentially causes an imminent hazard to DoD personnel, property, or contract performance.

(2) The Contractor agrees to ensure that the subcontractor complies with all contract safety requirements. The Contractor will determine the best method for verifying the adequacy of the subcontractor's compliance.

(3) The Contractor shall ensure that the subcontractor understands and agrees to the Government's right to access to the subcontractor's facilities, personnel, and safety program documentation to perform safety surveys. The Government performs these safety surveys of subcontractor facilities solely to prevent the occurrence of any mishap which would endanger the safety of DoD personnel or otherwise adversely impact upon the Government's contractual interests.

(4) The Contractor shall notify the Contracting Officer or authorized representative before issuing any subcontract when it involves ammunition or explosives. If the proposed subcontract represents a change in the place of performance, the Contractor shall request approval for such change in accordance with the clause of this contract entitled "Change in Place of Performance - Ammunition and Explosives".

(End of clause)

CLAUSES INCORPORATED BY FULL TEXT

252.223-7003 CHANGE IN PLACE OF PERFORMANCE - AMMUNITION AND EXPLOSIVES (DEC 1991)

- (a) The Offeror shall identify, in the "Place of Performance" provision of this solicitation, the place of performance of all ammunition and explosives work covered by the Safety Precautions for Ammunition and Explosives clause of this solicitation. Failure to furnish this information with the offer may result in rejection of the offer.
- (b) The Offeror agrees not to change the place of performance of any portion of the offer covered by the Safety Precautions for Ammunition and Explosives clause contained in this solicitation after the date set for receipt of offers without the written approval of the Contracting Officer. The Contracting Officer shall grant approval only if there is enough time for the Government to perform the necessary safety reviews on the new proposed place of performance.
- (c) If a contract results from this offer, the Contractor agrees not to change any place of performance previously cited without the advance written approval of the Contracting Officer.

(End of clause)

CLAUSES INCORPORATED BY FULL TEXT

SECTION I - 252.223-7007 SAFEGUARDING SENSITIVE CONVENTIONAL ARMS, AMMUNITION, AND EXPLOSIVES (SEP 1999)

- (a) Definition - "*Arms, ammunition, and explosives (AA&E)*," as used in this clause, means those items within the scope (chapter 1, paragraph C 1.2) of DoD 5100.76-M, Physical Security of Sensitive Conventional Arms, Ammunition, and Explosives.
- (b) The requirements of DoD 5100.76-M apply to the following items of AA&E being developed, produced, manufactured or purchased for the Government, or provided to the Contractor as Government-furnished property under this contract:

<u>NOMENCLATURE</u>	<u>NATIONAL STOCK NUMBER</u>	<u>SENSITIVITY CATEGORY</u>
CARTRIDGE, BOOSTER, AUTOMATIC PARACHUTE RELEASE	1377010849358ES	UNCATEGORIZED
CARTRIDGE, DELAY ASSEMBLY 0.25 SEC	1377011682259ES	UNCATEGORIZED
CARTRIDGE, DELAY ASSEMBLY 1.0 SEC	1377011684419ES	UNCATEGORIZED
CARTRIDGE, DELAY, 0.25 SEC	1377013604900ES	UNCATEGORIZED
CARTRIDGE, DELAY, 4.00 SEC	1377013604904ES	UNCATEGORIZED

- (c) The Contractor shall comply with the requirements of DoD 5100.76-M, as specified in the statement of work. The edition of DoD 5100.76-M in effect on the date of issuance of the solicitation for this contract shall apply.
- (d) The Contractor shall allow representatives of the Defense Security Service (DSS), and representatives of other appropriate offices of the Government, access at all reasonable times into its facilities and those of its subcontractors, for the purpose of performing surveys, inspections, and investigations necessary to review compliance with the physical security standards applicable to this contract.
- (e) The Contractor shall notify the cognizant DSS field office of any subcontract involving AA&E within 10 days after award of the subcontract.
- (f) The Contractor shall ensure that the requirements of this clause are included in all subcontracts, at every tier--

- (1) For the development, production, manufacture, or purchase of AA&E; or
 - (2) When AA&E will be provided to the subcontractor as Government-furnished property.
- (g) Nothing in this clause shall relieve the Contractor of its responsibility for complying with applicable Federal, state, and local laws, ordinances, codes, and regulations (including requirements for obtaining licenses and permits) in connection with the performance of this contract.

CLAUSES INCORPORATED BY FULL TEXT

252.225-7027 RESTRICTION ON CONTINGENT FEES FOR FOREIGN MILITARY SALES (APR 2003)

(a) Except as provided in paragraph (b) of this clause, contingent fees, as defined in the Covenant Against Contingent Fees clause of this contract, are generally an allowable cost, provided the fees are paid to--

(1) A bona fide employee of the Contractor; or

(2) A bona fide established commercial or selling agency maintained by the Contractor for the purpose of securing business.

(b) For foreign military sales, unless the contingent fees have been identified and payment approved in writing by the foreign customer before contract award, the following contingent fees are unallowable under this contract:

(1) For sales to the Government(s) of _____, contingent fees in any amount.

(2) For sales to Governments not listed in paragraph (b)(1) of this clause, contingent fees exceeding \$50,000 per foreign military sale case.

(End of Clause)

252.232-7003 ELECTRONIC SUBMISSION OF PAYMENT REQUESTS AND RECEIVING REPORTS (JUNE 2012)

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

(1) Contract financing payment and invoice payment have the meanings given in section 32.001 of the Federal Acquisition Regulation.

(2) Electronic form means any automated system that transmits information electronically from the initiating system to all affected systems. Facsimile, e-mail, and scanned documents are not acceptable electronic forms for submission of payment requests. However, scanned documents are acceptable when they are part of a submission of a payment request made using Wide Area WorkFlow (WAWF) or another electronic form authorized by the Contracting Officer.

(3) Payment request means any request for contract financing payment or invoice payment submitted by the Contractor under this contract.

(4) Receiving report means the data required by the clause at 252.246-7000, Material Inspection and Receiving Report.

(b) Except as provided in paragraph (c) of this clause, the Contractor shall submit payment requests and receiving reports using WAWF, in one of the following electronic formats that WAWF accepts: Electronic Data Interchange, Secure File Transfer Protocol, or World Wide Web input. Information regarding WAWF is available on the Internet at <https://wawf.eb.mil/>.

(c) The Contractor may submit a payment request and receiving report using other than WAWF only when—

(1) The Contracting Officer administering the contract for payment has determined, in writing, that electronic submission would be unduly burdensome to the Contractor. In such cases, the Contractor shall include a copy of the Contracting Officer's determination with each request for payment;

(2) DoD makes payment for commercial transportation services provided under a Government rate tender or a contract for transportation services using a DoD-approved electronic third party payment system or other exempted vendor payment/invoicing system (e.g., PowerTrack, Transportation Financial Management System, and Cargo and Billing System);

(3) DoD makes payment for rendered health care services using the TRICARE Encounter Data System (TEDS) as the electronic format; or

(4) When the Governmentwide commercial purchase card is used as the method of payment, only submission of the receiving report in electronic form is required.

(d) The Contractor shall submit any non-electronic payment requests using the method or methods specified in Section G of the contract.

(e) In addition to the requirements of this clause, the Contractor shall meet the requirements of the appropriate payment clauses in this contract when submitting payments requests.

(End of clause)

252.232-7006 WIDE AREA WORKFLOW PAYMENT INSTRUCTIONS (MAY 2013)

(a) Definitions. As used in this clause—

Department of Defense Activity Address Code (DoDAAC) is a six position code that uniquely identifies a unit, activity, or organization.

Document type means the type of payment request or receiving report available for creation in Wide Area WorkFlow (WAWF).

Local processing office (LPO) is the office responsible for payment certification when payment certification is done external to the entitlement system.

(b) Electronic invoicing. The WAWF system is the method to electronically process vendor payment requests and receiving reports, as authorized by DFARS [252.232-7003](#), Electronic Submission of Payment Requests and Receiving Reports.

(c) WAWF access. To access WAWF, the Contractor shall—

(1) Have a designated electronic business point of contact in the System for Award Management at <https://www.acquisition.gov>; and

(2) Be registered to use WAWF at <https://wawf.eb.mil/> following the step-by-step procedures for self-registration available at this web site.

(d) WAWF training. The Contractor should follow the training instructions of the WAWF Web-Based Training Course and use the Practice Training Site before submitting payment requests through WAWF. Both can be accessed by selecting the “Web Based Training” link on the WAWF home page at <https://wawf.eb.mil/>.

(e) WAWF methods of document submission. Document submissions may be via Web entry, Electronic Data Interchange, or File Transfer Protocol.

(f) WAWF payment instructions. The Contractor must use the following information when submitting payment requests and receiving reports in WAWF for this contract/order:

(1) Document type. The Contractor shall use the following document type(s).

(Contracting Officer: Insert applicable document type(s). Note: If a “Combo” document type is identified but not supportable by the Contractor’s business systems, an “Invoice” (stand-alone) and “Receiving Report” (stand-alone) document type may be used instead.)

(2) Inspection/acceptance location. The Contractor shall select the following inspection/acceptance location(s) in WAWF, as specified by the contracting officer.

(Contracting Officer: Insert inspection and acceptance locations or “Not applicable.”)

(3) Document routing. The Contractor shall use the information in the Routing Data Table below only to fill in applicable fields in WAWF when creating payment requests and receiving reports in the system.

Routing Data Table*

Field Name in WAWF	Data to be entered in WAWF
Pay Official DoDAAC	
Issue By DoDAAC	
Admin DoDAAC	
Inspect By DoDAAC	
Ship To Code	
Ship From Code	
Mark For Code	
Service Approver (DoDAAC)	
Service Acceptor (DoDAAC)	
Accept at Other DoDAAC	
LPO DoDAAC	
DCAA Auditor DoDAAC	
Other DoDAAC(s)	

(*Contracting Officer: Insert applicable DoDAAC information or “See schedule” if multiple ship to/acceptance locations apply, or “Not applicable.”)

(4) Payment request and supporting documentation. The Contractor shall ensure a payment request includes appropriate contract line item and subline item descriptions of the work performed or supplies delivered, unit

price/cost per unit, fee (if applicable), and all relevant back-up documentation, as defined in DFARS Appendix F, (e.g. timesheets) in support of each payment request.

(5) WAWF email notifications. The Contractor shall enter the e-mail address identified below in the "Send Additional Email Notifications" field of WAWF once a document is submitted in the system.

(Contracting Officer: Insert applicable email addresses or "Not applicable.")

(g) WAWF point of contact.

(1) The Contractor may obtain clarification regarding invoicing in WAWF from the following contracting activity's WAWF point of contact.

(Contracting Officer: Insert applicable information or "Not applicable.")

(2) For technical WAWF help, contact the WAWF helpdesk at 866-618-5988.

(End of clause)

252.232-7008 ASSIGNMENT OF CLAIMS (OVERSEAS) (JUNE 1997)

(a) No claims for monies due, or to become due, shall be assigned by the Contractor unless—

(1) Approved in writing by the Contracting Officer;

(2) Made in accordance with the laws and regulations of the United States of America; and

(3) Permitted by the laws and regulations of the Contractor's country.

(b) In no event shall copies of this contract of any plans, specifications, or other similar documents relating to work under this contract, if marked "Top Secret," "Secret," or "Confidential" be furnished to any assignee of any claim arising under this contract or to any other person not entitled to receive such documents. However, a copy of any part or all of this contract so marked may be furnished, or any information contained herein may be disclosed, to such assignee upon the Contracting Officer's prior written authorization.

(c) Any assignment under this contract shall cover all amounts payable under this contract and not already paid, and shall not be made to more than one party, except that any such assignment may be made to one party as agent or trustee for two or more parties participating in such financing. On each invoice or voucher submitted for payment under this contract to which any assignment applies, and for which direct payment thereof is to be made to an assignee, the Contractor shall—

(1) Identify the assignee by name and complete address; and

(2) Acknowledge the validity of the assignment and the right of the named assignee to receive payment in the amount invoiced or vouchered.

(End of clause)

5252.243-9400 Authorized Changes Only By The Contracting Officer (Jan 1992)

(a) Except as specified in paragraph (b) below, no order, statement, or conduct of Government personnel who visit the Contractor's facilities or in any other manner communicate with Contractor personnel during the performance of this contract shall constitute a change under the "Changes" clause of this contract.

(b) The Contractor shall not comply with any order, direction or request of Government personnel unless it is issued in writing and signed by the Contracting Officer, or is pursuant to specific authority otherwise included as a part of this contract.

(c) The Contracting Officer is the only person authorized to approve changes in any of the requirements of this contract and notwithstanding provisions contained elsewhere in this contract, the said authority remains solely with the Contracting Officer. In the event the Contractor effects any change at the direction of any person other than the Contracting Officer, the change will be considered to have been made without authority and no adjustment will be made in the contract price to cover any increase in charges incurred as a result thereof. The address and telephone number of the Contracting Officer is:

NAME: Vicky.Munger-Husler
EMAIL ADDRESS: Vicky.Munger-Husler@navy.mil
TELEPHONE: 717-605-1456

(End of Clause)

ACCIDENT REPORTING

1. IAW DFARS Clause 252.223-7002, the contractor shall immediately following an accident or incident notify the Commanding Officer, NAVSUP Weapon Systems Support-M, Code 0242, 5450 Carlisle Pike, PO Box 2020, Mechanicsburg, PA 17055-0788. Also, a written report shall be forwarded within 10 days of the accident containing at a minimum the following:

- a. Location, date, and local time of the occurrence
- b. Category of accident (fire, explosion, natural disaster, etc.)
- c. Identification of equipment, material, and type of activity involved
- d. Contract number
- e. Procuring activity (name of PCO and ACO)
- f. Narrative of occurrence including cause, if known
- g. Personnel involved and degree of injury, if any. Specify whether contractor and/or government personnel.
- h. Assessment of damage. Estimate in dollars for contractor and/or government owned material, property, equipment.
- i. Was a news release made? If so, by whom? If not, will a news release be made?
- j. Was a request made for any assistance?
- k. Will there be any effect on production? If so, explain in detail.
- l. Corrective action taken, if any
- m. Name and title of person submitting this report.

2. For the assigned DCMC, Contract Administration Office (CAO): The CAO shall immediately following an accident or incident notify the Procurement Contracting Officer (PCO) and then forward weekly written reports until the accident or incident no longer effects production and/or when contract deliveries are on schedule.

(End of clause)

Section J - List of Documents, Exhibits and Other Attachments

SECTION J

SECTION J

J - LIST OF ATTACHMENTS

The documents listed below marked with an "X" are physically included in this contract.

- Award/Contract (Standard Form 26)
- Continuation Sheet (Supply Contract) (Pages 2 thru xxx)
- Specifications
- DD Form 1423
- DD Form 1423 (Back)

Section K - Representations, Certifications and Other Statements of Offerors

CLAUSES INCORPORATED BY REFERENCE

52.204-16	Commercial and Government Entity Code Reporting	NOV 2014
52.204-17	Ownership or Control of Offeror	NOV 2014
52.222-38	Compliance With Veterans' Employment Reporting Requirements	SEP 2010
252.203-7005	Representation Relating to Compensation of Former DoD Officials	NOV 2011
252.225-7010	Commercial Derivative Military Article--Specialty Metals Compliance Certificate	JUL 2009

CLAUSES INCORPORATED BY FULL TEXT

52.204-8 ANNUAL REPRESENTATIONS AND CERTIFICATIONS (NOV 2014)

(a)(1) The North American Industry Classification System (NAICS) code for this acquisition is [insert NAICS code].

(2) The small business size standard is [insert size standard].

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

(b)(1) If the provision at 52.204-7, System for Award Management, is included in this solicitation, paragraph (d) of this provision applies.

(2) If the provision at 52.204-7 is not included in this solicitation, and the offeror is currently registered in System for Award Management (SAM), and has completed the Representations and Certifications section of SAM electronically, the offeror may choose to use paragraph (d) of this provision instead of completing the corresponding individual representations and certifications in the solicitation. The offeror shall indicate which option applies by checking one of the following boxes:

() Paragraph (d) applies.

() Paragraph (d) does not apply and the offeror has completed the individual representations and certifications in the solicitation.

(c)(1) The following representations or certifications in SAM are applicable to this solicitation as indicated:

(i) 52.203-2, Certificate of Independent Price Determination. This provision applies to solicitations when a firm-fixed-price contract or fixed-price contract with economic price adjustment is contemplated, unless--

(A) The acquisition is to be made under the simplified acquisition procedures in Part 13;

(B) The solicitation is a request for technical proposals under two-step sealed bidding procedures; or

(C) The solicitation is for utility services for which rates are set by law or regulation.

(ii) 52.203-11, Certification and Disclosure Regarding Payments to Influence Certain Federal Transactions. This provision applies to solicitations expected to exceed \$150,000.

(iii) 52.204-3, Taxpayer Identification. This provision applies to solicitations that do not include the provision at 52.204-7, System for Award Management.

(iv) 52.204-5, Women-Owned Business (Other Than Small Business). This provision applies to solicitations that--

(A) Are not set aside for small business concerns;

(B) Exceed the simplified acquisition threshold; and

(C) Are for contracts that will be performed in the United States or its outlying areas.

(v) 52.209-2, Prohibition on Contracting with Inverted Domestic Corporations--Representation. This provision applies to solicitations using funds appropriated in fiscal years 2008, 2009, 2010, or 2012.

(vi) 52.209-5, Certification Regarding Responsibility Matters. This provision applies to solicitations where the contract value is expected to exceed the simplified acquisition threshold.

(vii) 52.214-14, Place of Performance – Sealed Bidding. This provision applies to invitations for bids except those in which the place of performance is specified by the Government.

(viii) 52.215-6, Place of Performance. This provision applies to solicitations unless the place of performance is specified by the Government.

(ix) 52.219-1, Small Business Program Representations (Basic & Alternate I). This provision applies to solicitations when the contract will be performed in the United States or its outlying areas.

(A) The basic provision applies when the solicitations are issued by other than DoD, NASA, and the Coast Guard.

(B) The provision with its Alternate I applies to solicitations issued by DoD, NASA, or the Coast Guard.

(x) 52.219-2, Equal Low Bids. This provision applies to solicitations when contracting by sealed bidding and the contract will be performed in the United States or its outlying areas.

(xi) 52.222-22, Previous Contracts and Compliance Reports. This provision applies to solicitations that include the clause at 52.222-26, Equal Opportunity.

(xii) 52.222-25, Affirmative Action Compliance. This provision applies to solicitations, other than those for construction, when the solicitation includes the clause at 52.222-26, Equal Opportunity.

(xiii) 52.222-38, Compliance with Veterans' Employment Reporting Requirements. This provision applies to solicitations when it is anticipated the contract award will exceed the simplified acquisition threshold and the contract is not for acquisition of commercial items.

(xiv) 52.223-1, Biobased Product Certification. This provision applies to solicitations that require the delivery or specify the use of USDA-designated items; or include the clause at 52.223-2, Affirmative Procurement of Biobased Products Under Service and Construction Contracts.

(xv) 52.223-4, Recovered Material Certification. This provision applies to solicitations that are for, or specify the use of, EPA-designated items.

(xvi) 52.225-2, Buy American Certificate. This provision applies to solicitations containing the clause at 52.225-1.

(xvii) 52.225-4, Buy American--Free Trade Agreements--Israeli Trade Act Certificate. (Basic, Alternates I, II, and III.) This provision applies to solicitations containing the clause at 52.225-3.

- (A) If the acquisition value is less than \$25,000, the basic provision applies.
- (B) If the acquisition value is \$25,000 or more but is less than \$50,000, the provision with its Alternate I applies.
- (C) If the acquisition value is \$50,000 or more but is less than \$79,507, the provision with its Alternate II applies.
- (D) If the acquisition value is \$79,507 or more but is less than \$100,000, the provision with its Alternate III applies.

(xviii) 52.225-6, Trade Agreements Certificate. This provision applies to solicitations containing the clause at 52.225-5.

(xix) 52.225-20, Prohibition on Conducting Restricted Business Operations in Sudan--Certification. This provision applies to all solicitations.

(xx) 52.225-25, Prohibition on Contracting with Entities Engaging in Certain Activities or Transactions Relating to Iran--Representation and Certifications. This provision applies to all solicitations.

(xxi) 52.226-2, Historically Black College or University and Minority Institution Representation. This provision applies to solicitations for research, studies, supplies, or services of the type normally acquired from higher educational institutions.

(2) The following certifications are applicable as indicated by the Contracting Officer:

(Contracting Officer check as appropriate.)

(i) 52.204-17, Ownership or Control of Offeror.

(ii) 52.222-18, Certification Regarding Knowledge of Child Labor for Listed End Products.

(iii) 52.222-48, Exemption from Application of the Service Contract Labor Standards to Contracts for Maintenance, Calibration, or Repair of Certain Equipment--Certification.

(iv) 52.222-52, Exemption from Application of the Service Contract Labor Standards to Contracts for Certain Services--Certification.

(v) 52.223-9, with its Alternate I, Estimate of Percentage of Recovered Material Content for EPA--Designated Products (Alternate I only).

(vi) 52.227-6, Royalty Information.

(A) Basic.

(B) Alternate I.

(vii) 52.227-15, Representation of Limited Rights Data and Restricted Computer Software.

(d) The offeror has completed the annual representations and certifications electronically via the SAM website accessed through <https://www.acquisition.gov>. After reviewing the SAM 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 paragraph (c) 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

clause 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 Clause	Title	Date	Change
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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 on SAM.

(End of provision)

52.215-6 PLACE OF PERFORMANCE (OCT 1997)

(a) The offeror or respondent, in the performance of any contract resulting from this solicitation, () intends, () does not intend (check applicable block) to use one or more plants or facilities located at a different address from the address of the offeror or respondent as indicated in this proposal or response to request for information.

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

Place of Performance(Street Address, City, State, County, Zip Code)

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

(End of provision)

52.247-53 FREIGHT CLASSIFICATION DESCRIPTION (APR 1984)

Offerors are requested to indicate below the full Uniform Freight Classification (rail) description, or the National Motor Freight Classification description applicable to the supplies, the same as offeror uses for commercial shipment. This description should include the packing of the commodity (box, crate, bundle, loose, setup, knocked down, compressed, unwrapped, etc.), the container material (fiberboard, wooden, etc.), unusual shipping dimensions, and other conditions affecting traffic descriptions. The Government will use these descriptions as well as other information available to determine the classification description most appropriate and advantageous to the Government. Offeror understands that shipments on any f.o.b. origin contract awarded, as a result of this solicitation, will be made in conformity with the shipping classification description specified by the Government, which may be different from the classification description furnished below.

FOR FREIGHT CLASSIFICATION PURPOSES, OFFEROR DESCRIBES THIS COMMODITY AS

_____.

(End of provision)

252.204-7007 ALTERNATE A, ANNUAL REPRESENTATIONS AND CERTIFICATIONS (AUG 2014)

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 Campus--Representation. Applies to all solicitations with institutions of higher education.

(iii) 252.216-7008, Economic Price Adjustment--Wage 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) 252.225-7049, Prohibition on Acquisition of Commercial Satellite Services from Certain Foreign Entities--Representations. Applies to solicitations for the acquisition of commercial satellite services.

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

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

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

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

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

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

___ Use with Alternate I.

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

___ (v) 252.225-7035, Buy American--Free Trade Agreements--Balance of Payments Program Certificate.

___ Use with Alternate I.

___ Use with Alternate II.

___ Use with Alternate III.

___ Use with Alternate IV.

____ Use with Alternate V.

(e) The offeror has completed the annual representations and certifications electronically via the SAM Web site at <https://www.acquisition.gov/>. After reviewing the SAM 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 Clause #	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)

252.209-7993 REPRESENTATION BY CORPORATIONS REGARDING AN UNPAID DELINQUENT TAX LIABILITY OR A FELONY CONVICTION UNDER ANY FEDERAL LAW—FISCAL YEAR 2014 APPROPRIATIONS (DEVIATION 2014-OO0009) (FEB 2014)

(a) In accordance with sections 8113 and 8114 of the Department of Defense Appropriations Act, 2014, and sections 414 and 415 of the Military Construction and Veterans Affairs and Related Agencies Appropriations Act, 2014 (Public Law 113-76, Divisions C and J), none of the funds made available by those divisions (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)

PREAWARD SURVEY-AMMUNITION AND EXPLOSIVES

In accordance with DFARS 252.223-7002, "The contracting officer shall obtain a preaward ammunition and explosives safety survey before awarding any contract (including purchase orders) involving ammunition and explosives. When the prospective contractor proposes subcontracting any ammunition and explosives work, the pre-award safety survey will also include the subcontractor(s) facility."

(a) The bidder/offeror or quoter, in the performance of any contract resulting from this solicitation () intends, () does not intend (check applicable block) to subcontract any ammunition or explosive work to a plant or facility located at a different address from the address of the offeror or quoter as indicated in this solicitation.

(b) If the bidder/offeror or quoter checks "intends" in paragraph (a) above, it shall insert in the space provided below the required information: Place of Subcontractor (Name, Street Address, City, State, Zip Code)

Name and phone number of owner/operator of the Facility if other than Offeror/Quoter:

(End of clause)

F.O.B. ORIGIN SHIPPING POINTS

If this solicitation provides for delivery "FOB Origin", the offeror shall provide the following information.

Truck Shipments: Shipping point for supplies including Street Address, City, State and Zip Code

Rail Shipments: Exact location of private siding or Name of Rail Terminal and Name of serving railroad.

(End of clause)

Section L - Instructions, Conditions and Notices to Bidders

CLAUSES INCORPORATED BY REFERENCE

52.204-7	System for Award Management	JUL 2013
52.214-34	Submission Of Offers In The English Language	APR 1991
52.214-35	Submission Of Offers In U.S. Currency	APR 1991
252.204-7001	Commercial And Government Entity (CAGE) Code Reporting	AUG 1999
252.204-7004 Alt A	System for Award Management Alternate A	FEB 2014
252.246-7003	Notification of Potential Safety Issues	JUN 2013

CLAUSES INCORPORATED BY FULL TEXT

52.211-2 AVAILABILITY OF SPECIFICATIONS, STANDARDS, AND DATA ITEM DESCRIPTIONS LISTED IN THE ACQUISITION STREAMLINING AND STANDARDIZATION INFORMATION SYSTEM (ASSIST) (APR 2014)

(a) Most unclassified Defense specifications and standards may be downloaded from the following ASSIST websites:

- (1) ASSIST (<https://assist.dla.mil/online/start/>);
- (2) Quick Search (<http://quicksearch.dla.mil/>);
- (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 (<https://assist.dla.mil/wizard/index.cfm>);
- (2) Phoning the DoDSSP Customer Service Desk (215) 697-2179, 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.

(End of provision)

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; 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. [Contracting Officer check appropriate box.]

(End of provision)

52.216-1 TYPE OF CONTRACT (APR 1984)

The Government contemplates award of a firm fixed price contract resulting from this solicitation.

(End of provision)

52.233-2 SERVICE OF PROTEST (SEP 2006)

(a) Protests, as defined in section 33.101 of the Federal Acquisition Regulation, that are filed directly with an agency, and copies of any protests that are filed with the Government Accountability Office (GAO), shall be served on the Contracting Officer (addressed as follows) by obtaining written and dated acknowledgment of receipt from _____ . (Contracting Officer designate the official or location where a protest may be served on the Contracting Officer.)

(b) The copy of any protest shall be received in the office designated above within one day of filing a protest with the GAO.

(End of provision)

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):

FAR Clauses: <http://acquisition.gov/far/>

DFARS Clauses: <http://www.acq.osd.mil/dpap/dars/dfars/>

(End of provision)

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 _____ (48 CFR Chapter _____) provision with an authorized deviation is indicated by the addition of "(DEVIATION)" after the name of the regulation.

(End of provision)

REVIEW OF AGENCY PROTEST

In accordance with FAR 33.103(d)(4), interested parties may request an independent, level above the contracting officer, review of any protest filed with the agency. This request for an independent review may be made in lieu of a

protest to the contracting officer, or as an appeal to a contracting officer protest decision. If requested as a result of an appeal, the timeliness rules for a GAO protest are not extended.

The individual that will conduct the independent review is the Chief of the Contracting Office. Interested parties requesting to have an independent review of a protest or to appeal a contracting officer protest decision shall address protests to:

Independent Protest Review Official
NAVSUP Weapon Systems Support –M Code 02
Building 1
700 Robbins Avenue
Philadelphia PA 19111-5098

OR Independent Protest Review Official
NAVSUP Weapon Systems Support –M Code 02
Building 410, South End Bay B29
5450 Carlisle Pike, PO Box 2020
Mechanicsburg, PA 17055-0788

(End of clause)

SUBMISSION OF OFFERS FOR LOWEST PRICED, TECHNICALLY ACCEPTABLE OFFERS

Offers, submitted by the time and date set for receipt of initial proposals, consist of, and must include the following:

Standard Form 33 "Solicitation, Offer, and Award" with Blocks 14 through 18 completed by the offeror, RFP Section B "Schedule of Supplies" completed by the offeror, and RFP Section K "Representations, Certifications and Other Statements to Offertory" completed by the offeror.

The completion and submission of the above items will constitute the offeror's initial proposal and will indicate the offeror's unconditional assent to the terms and conditions of this RFP and any attachments hereto.

Alternate proposals are not authorized.

The Government intends to award a contract without discussions, but reserves the right to conduct discussions if the contracting officer later determines them to be necessary. Since offers that take exception or object to terms of this solicitation may be rendered technically unacceptable, offerors are cautioned to address solicitation exceptions, objections, or questions to the contracting officer prior to the time set for receipt of initial proposals.

Section M - Evaluation Factors for Award

CLAUSES INCORPORATED BY REFERENCE

52.247-50

No Evaluation Of Transportation Costs

APR 1984

CLAUSES INCORPORATED BY FULL TEXT

EVALUATION FOR AWARD (LOWEST PRICED TECHNICALLY ACCEPTABLE

Award will be made to the responsible offeror submitting the lowest priced, technically acceptable offer. A technically acceptable offer is one in which the offeror complies with the instructions contained in Section L of the solicitation and does not take exception, nor object, to any of the terms of his solicitation. Offers that are not technically acceptable will not be considered for award.

(End of clause)

EVALUATION CRITERIA AND BASIS FOR AWARD -SINGLE AWARD

The Government intends to make a single award to the eligible, responsible, technically acceptable offeror whose offer, conforming to the solicitation, is determined most advantageous to the Government price and past performance considered. The offeror's proposal shall be in the form prescribed by, and shall contain a response to each of the areas identified in the Section L solicitation provision entitled "Submission of Proposals." Only those proposals prepared in accordance with the solicitation will be evaluated. The evaluation will consider past performance as more important than price. The Government reserves the right to award the contract to other than the lowest priced offer.

1. Past Performance. The Government will evaluate the quality of the offeror's past performance. This evaluation is separate and distinct from the Contracting Officer's responsibility determination. The assessment of the offeror's past performance will be used as a means of evaluating the relative capability of the offeror and other competitors to successfully meet the requirements of the RFP. The Government reserves the right to obtain information for use in the evaluation of past performance from any and all sources including sources outside of the Government. Offerors lacking relevant past performance history will receive a neutral rating for past performance. However, the proposal of an offeror with no relevant past performance history, while rated neutral in past performance, may not represent the most advantageous proposal to the Government and thus, may be an unsuccessful proposal when compared to the proposals of other offerors. The offeror must provide the information requested in the Provision entitled Submission of Proposals in Section L for past performance evaluation or affirmatively state that it possesses no relevant directly related or similar past performance. An offeror failing to provide the past performance information or to assert that it has no relevant directly related or similar past performance will be considered ineligible for award. The Government, in addition to other information received, may utilize the Navy's *Red/Yellow/Green* (RYG) Program to evaluate past performance. The RYG Program accumulates data on suppliers by Federal Supply Class (FSC). The Government will consider RYG Program data for the Federal Supply Classes of all items included in this procurement. The RYG Program classification are summarized as follows: Green Low Risk Yellow Moderate Risk Red High Risk Neutral No Risk Established

2. Price. Price is a secondary factor after past performance.

(End of clause)

Attachment 2

USAF STATEMENT OF WORK - AMMUNITION DATA CARDS

Version Date: **October 15, 2013 (CAD/PAD IPT Contracts Only)**

When to Use:

As specified in the USAF Airmunitions Specification

Text:

1. Ammunition Data Cards (ADC) shall be prepared in accordance with MIL-STD-1168 and shall follow the format required by the world wide web application identified as WARP or Worldwide Ammunition-data Repository Program.
2. The criteria and procedures for the assignment of lot numbers for energetic mixtures including energetic materials (pyrotechnics, propellants, explosives) and their constituents shall be in accordance with MIL-STD-1168.
3. All energetic mixtures including Energetic materials (pyrotechnics, propellants, explosives) used in assemblies and sub-assemblies shall be entered in the ADC using the actual manufacturer's part number, lot number, and date of manufacture. This applies regardless of whether the material is manufactured, blended, mixed, or synthesized in-house or procured from a supplier. Subassemblies that contain energetic materials shall also be entered in the ADC using the actual manufacturer's part number, lot number, and date of manufacture. If the energetic material(s) is/are older than the age specified on the Airmunitions Specification at the time of loading/use, the date of energetic material recertification and/or any associated requests for waiver or deviation shall be listed in the note section. The actual manufacturer's part number, lot number, and manufacturing date for piece parts shall be used. This requirement is mandatory for critical component parts as designated by the technical data package, system engineer or equipment specialist. Critical parts designated by Hill AFB personnel are as follows: *(Specific or additional items not already called out in the supplier's drawing packages may be added by the Engineer or ES and shall be listed in the Airmunitions Specification)*. In the case where the original manufacturer's lot number is not available for piece parts and they are not critical components, the vendor's internal traceability information shall be listed. Materials such as solvents, paints, labels, dust caps, not affecting the reliability, aging or function/operation of the device shall not be listed.
4. The ADC data and information entered in WARP for all materials and components ideally shall stand alone for traceability to the actual manufacturer's information (Mfg P/N, Mfg date, Mfg lot number etc.). If contractor uses their own P/N, reference date for acceptance or other "trace"/traceability identification used internally for the piece parts, it shall be noted in the remarks section (i.e. "trace ID, or PO used for piece parts"). In the event of conflict or if there is a need for clarification, the applicable engineer or equipment specialist shall be contacted to resolve any issues.
5. A "sample" ADC shall be developed in WARP and coordinated through the Army for format and content approval by the USAF CAD/PAD IPT. Upon approval of the sample ADC, a final version shall be completed in WARP and uploaded to Wide Area Workflow (WAWF) for review and acceptance prior to shipment of product. The WARP ADC program will not allow the submission of additional ADCs until such time as the sample ADC has been approved in the system.

Attachment 2

WARP will reside within the Munitions History Program (MHP). Additional details on these WARP applications are provided below.

MHP-WARP Access Procedures

- Government or Contractor employee with CAC and AKO account:

- (a) Click on the MHP hyperlink which is <https://mhp.redstone.army.mil/>
- (b) Enter CAC PIN when prompted
- (c) Click on WARP (ADC)
- (d) Click on Help
- (e) Click on WARP Request Access and follow instructions

- Contractor or Government employee without CAC and AKO account: MHP-WARP uses PKI authentication requiring a DoD approved digital certificate as a security measure to protect the integrity of stored data. There are three vendors that have been approved to issue DoD approved certificates per an External Certification Authority (ECA) program. You are required to use one of the approved vendors listed on the following DISA website: <http://iase.disa.mil/pki/eca/index.html> A nominal fee is charged for each certificate. The Contractor, including any subcontractors, shall assume the responsibility for all costs of obtaining each digital certificate needed.

- After the required certificate is obtained:

- (a) Click on the MHP-WARP hyperlink: <https://mhpwarp.redstone.army.mil/>
- (b) Enter ECA password
- (c) Click on Help and follow the instructions for obtaining the necessary access

- HELP Numbers are as follows:

MHP Access - (256)313-2143; DSN 897-2143
JMC Quality Administrators for WARP issues - (309)782-2697 or
(309)782-7107

- Worldwide Ammunition-data Repository Program (WARP)

An online user's manual will provide additional help and criteria in the development of an ammunition data card. It is recommended that you download and read the user's manual prior to creating and filling out your initial ammo data card. The user's manual also contains screen shots, which depict what the data entry person will see during the ADC input process.

- Ammunition Data Card Input

ADC input allows current contractors and government facilities the capability to create, and submit for approval, both sample ADCs and

Attachment 2

production lot ADCs which meet the format requirements of MIL-STD-1168 and as specified in this USAF SOW for ADCs. ADCs are automatically forwarded to the respective Government Agency Responsible for Acceptance (GARA). The GARA in most cases is the Defense Contract Management Agency (DCMA) Quality Assurance Representative (QAR), who reviews contractor input for accuracy and completeness, and after updating the disposition code for the specific lot, submits the ADC to the database. The contractor's data entry person is granted access only to ADCs identified with its specific manufacturing code, as identified in MIL-HDBK-1461, Manufacturer's Symbols. The use of previously inputted ADCs through the TEMPLATE option significantly reduces input effort, while increasing accuracy and consistency of data.

- Email Notification

WARP provides immediate, automated notification to process participants when actions are required. When the producer has completed an ADC submission, an email message is routed to the GARA advising that an ADC awaits review and approval. If the GARA approves the ADC as submitted, the ADC is released to the WARP database and an email, with approved data card, is routed back to the originator. If the ADC requires modification or correction to conform with MIL-STD-1168 and/or the approved format and technical content as approved by the USAF, an email is provided to the ADC originator advising that corrective action is required prior to approval.

- Information Updates

It is important that the System Administrators are apprised when a producer receives a new contract. The producer shall notify **usarmy.RIA.jmc.mbx.warp@mail.mil** within 30 days after receipt of a new contract. Information to be included shall be the contract number, item, GARA, Manufacturer's identification symbol and the names of the individuals who will be inputting ADCs into the system. If you are a new producer and do not have a Manufacturer's identification symbol, you can obtain one by sending an email to **usarmy.RIA.jmc.mbx.warp@mail.mil**. The email must contain manufacturer's name, address where performance of the contract will take place, and a point of contact.

(End of statement of work)

AIRMUNITION SPECIFICATION
(version 15 July, 2013)
FD2020-15-67005

NSN: 1377-01-084-9358ES
1377-01-168-4419ES
1377-01-168-2559ES
1377-01-360-4900ES
1377-01-360-4904ES

1. The contractor shall provide an advanced Report of Shipment (REPSHIP) to the consignee no later than 24 hours prior to the shipment arrival, and for ammunition shipments no later than two hours after shipment departure. A (REPSHIP) shall include all the following data in accordance with **ATTACHMENT 1**. □
2. Contractor shall contact their nearest Defense Contract Management Agency (DCMA) Office for transportation guidance and assistance for all Foreign Military Sales (FMS) deliveries prior to shipment; and ensure that the DCMA provides one information copy of completed Notice of Availability (NOA) including FMS case and requisition numbers by mail to:
AFLCMC/EBHMB Attn: FMS Transportation 6043 Elm Lane, Hill AFB, UT 84056-5819, or Fax to: (801) 777-1089 or Email to ooalc.gacp.transportation@hill.af.mil.
3. Department of Defense Identification Code (DODIC) ZY57,MU28, MD47, MU23, MU90
4. One copy of all shipping documents shall be furnished to 429 SCMS/GUMAB, by mail to: 6038 Aspen Ave, Hill AFB, Utah 84056-5805 or FAX to; (801)777-5545, or Email: hill.outgoing.mipr@hill.af.mil and shall identify requisition number, MIPR number and line item. (MIPRS ONLY)
5. Ammunition lot numbering shall be accomplished. Reference MIL-STD-1168 for guidance.
6. Ammunition Data Cards (ADC) shall be filled out; input in accordance with Attachment 2, Statement of Work – Ammunition Data Cards; and state quantity/serial number of lot acceptance test units in the remarks block. **CDRL (DI-MISC-80043)** □
7. Items shall be marked in accordance with CAD/PAD Item Marking Instruction Version 1.1., 01 May 2008, reference attachment.

8. Hazard Classification Information:

Hazard Class/Division: 1.4
Storage Compatibility Group: S
DOT Marking: CARTRIDGE, SMALL ARMS
DOT Class: 1.4S
DOT Label: EXPLOSIVE 1.4S
UN Serial No.: UN 0012

UN Proper Shipping Name: CARTRIDGE, SMALL ARMS

Net Explosive Weight per item (N.E.W): .0015 LBS, .0011 LBS, .0013 LBS & .0017 LBS
(note: include unit of measurement)

NEW for all packaging/shipping documents shall reflect the NEW identified above per JHCS or IHC. If NEW is altered to adjust item performance and is greater than the weight listed, an ECP shall be submitted to the government prior to manufacturing or at least 60 days prior to shipping and shall include the MSDS and applicable supporting documentation.

9. Contracts involving ammunition and explosives (AE) will contain:

- DFARS Title 48 Part 252.223-7002, Safety Precautions for Ammunition and Explosives
- DFARS Title 48 Part 252.223-7003, Change in Place of Performance - Ammunition and Explosives

Additionally, if the scope of work includes air shipment of explosives, the safety specification should require contractor compliance with:

- AFMAN 24-204(I), Preparing Hazardous Materials for Military Air Shipments

10. All Engineering Change Proposals (ECPs), Notice of Revisions (NORs), and Request For Variances (formerly RFD/RFWs) affecting the approved product baseline configuration, acceptance test procedures, or manufacturing process of any item(s) on this contract shall be in accordance with MIL-STD-3046. Major ECPs with NORs and Critical/Major RFVs shall be submitted to the responsible Government Engineering Authority for review/disposition by CCB. Minor/Administrative ECPs with NORs and Minor RFVs shall be processed by the:

COGNIZANT GOVERNMENT ENGINEER

- ECPs - CDRL (DI-SESS-81880)**
- NORs - CDRL (DI-SESS-81881)**
- RFDs - CDRL (DI-SESS-81883)**

Distribution Statement: B, Reason: ADMIN

11. Item(s) must pass both **gross and fine leak checks**. MIL-STD-883, Method 1014.13 may be used as guidance. The existing leak rate limit established for this item(s) will remain the same. Contractor shall generate a Lot Acceptance Test Plan (LATP/ATP) with an analysis or test results showing compliance for Hill AFB engineering approval at least 90 days prior to commencement of Lot Acceptance Testing allowing for 30 days approval time after submission.

CDRL (DI-QCIC-80553)

12. Lot Acceptance Test Requirements are: IAW LATEST GOVT APPROVED ATP
(Contractor)

13. The contractor shall furnish a Lot Acceptance Test/Inspection Report in the following system(s): WAWF **CDRL: (DI-NDTI-80809)**

14. LOT ACCEPTANCE TEST: In the event of an end item failure, the contractor shall notify the PCO/ACO and Air Force Engineering Organization within 1 business day

Air Force Engineering Organization: AFLCMC/EBHJ

Organization Fax/E-mail: (801)777-2926 / (kurt.erickson@us.af.mil)

15. In the event of test failure(s), a Failure Analysis and Corrective Action Report with proposed corrective actions/recommendations is required. **CDRL: (DI-SESS-81315)**
16. If Hexanitrostilbene (HNS) explosive material is used in the manufacture of this item, the HNS shall meet the requirements of Government Document WS5003F (or latest revision), Purchase Description of HNS Explosive; and maximum particle size shall not exceed 250 microns.
17. The age of the energetic materials and components (i.e. ALL explosives, propellants, pyrotechnics, cartridges, and/or initiators) used in the manufacture of these items or sub-components shall not exceed 24 months based on the original manufacturing date. All energetic materials and components must be traceable to the original DoD qualified manufacturer and compliant with the **ITAR part 120 and 121 (http://www.pmddtc.state.gov/regulations_laws/itar.html)**. Raw (non-blended) ingredients & materials used in blended/mixed energetic materials such as, but not limited to: fuels, oxidizers, binders, curatives, sensitizers, plasticizers, stabilizers etc., shall not exceed 24 months since date of manufacture and comply with original manufacture's Specification or MIL-STD. The government may waive the energetic and constituent material requirements listed above or portions thereof, on a case-by-case basis (when acceptable to the government) provided the contractor furnishes all details of the reason for the waiver and the age, lot numbers, traceability, and other pertinent information/ test data and Certificate of Analysis/ Conformance (COA/COC) of the subject materials or components. The waiver shall be submitted as a RFD and may be subject to, but not limited to, conditions such as sensitivity testing, stabilizer and analysis and/or dehumidification at vendor's cost; therefore, vendor must plan accordingly.
18. Percussion primers shall have been certified /recertified by performing sensitivity (all- fire/no fire) and dud testing per applicable specification within the past 12 months unless they are Navy certified and have a 2 year certification. Primers shall be stored in a temperature and humidity controlled environment and in a sealed container with desiccant from time of primer manufacturing, shipping, storage and through final installation in end item.
19. This item is designated as a Critical Safety Item (CSI). Documentation for critical characteristics may be found in the contract, TDP, assembly/inspection procedures or QALI. Other characteristics requiring inspection or special oversight from DCMA:

CAD/PAD Item Marking Instruction

Prepared By
CAD/PAD Joint Program Office

784CBSG/GJ
Code E211B, NSWC Indian Head

Version 1.1
Dated 1 May 2008



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References

NOTE: Use latest revision of all reference documents.

1. **MIL-STD-130** Department of Defense Standard Practice Identification Marking of U.S. Military Property
2. **MIL- STD-1168** Ammunition Lot Numbering and Ammunition Data Card
3. **ISO/IEC 16022** Information technology - International symbology specification - Data Matrix
4. **ISO/IEC 15434** Information technology - International symbology specification - Syntax for high capacity ADC media
5. **ISO/IEC 15418** Information technology - International symbology specification - EAN/UCC Application Identifiers and FACT Data Identifiers and Maintenance (Note: Data Identifier dictionary with technical content is contained in ANS MH10.8.2)
6. **UNDER SECRETARY OF DEFENSE FOR ACQUISITION POLICY AND TECHNOLOGY** Department of Defense Guide to Uniquely Identifying Items version 1.6 (this document is available on line at <http://www.acq.osd.mil/dpap/pdi/uid/index.html> or from Defense Procurement & Acquisition Policy, 3060 Defense Pentagon, Room 3E1044, Washington, DC 20301-3060)
7. **DEFENSE FEDERAL ACQUISITION REGULATION SUPPLEMENT 252.211-7003** Item Identification and Valuation (Copies of this document are available on line at <http://farsite.hill.af.mil/> or from the Superintendent of Documents, P.O. Box 371954, Pittsburgh, PA 15250-7954)
8. **AFSCM 21-556 Vol. 2** Julian Date format
9. **ANS MH10.8.2 - 2006** Data Identifier and Application Identifier Standard
10. **ANS MH10.8.7 - 2005** Labeling and Direct Product Marking with Linear Bar Code and Two-Dimensional Symbols

Figures

1. Determining IUID requirement
2. Sample UID Data Stream
3. Sample CAD/PAD Data Plate/Label
4. Sample of Etched Data
5. Sample CAD/PAD Small Item Data Plate/Label

1. Purpose.

The Under Secretary of Defense has implemented policy requiring DoD components meeting the requirements identified in Figure 1 to be marked with **Item Unique Identifiers (IUID)**. Cartridge Actuated Devices and Propellant Actuated Devices (CAD/PAD) items, regardless of dollar value, are typically serially managed in aircraft maintenance data systems and therefore are applicable to the IUID requirement.

Additionally, the Air Force Aircrew Escape System Executive Working Group (AESEWG) and the egress system maintenance community has requested that CAD/PAD items be marked with Data Matrix ECC 200 on item data plates or items to enhance accuracy of aircraft maintenance data.

In accordance with MIL-STD-130, this marking instruction identifies marking requirements that meet the above objectives by tailoring Unique Identification (UID) requirements to include aircraft maintenance data requirements for both free text Human Readable Information (HRI) and Machine Readable Information (MRI), which are both mandated requirements for CAD/PAD items.

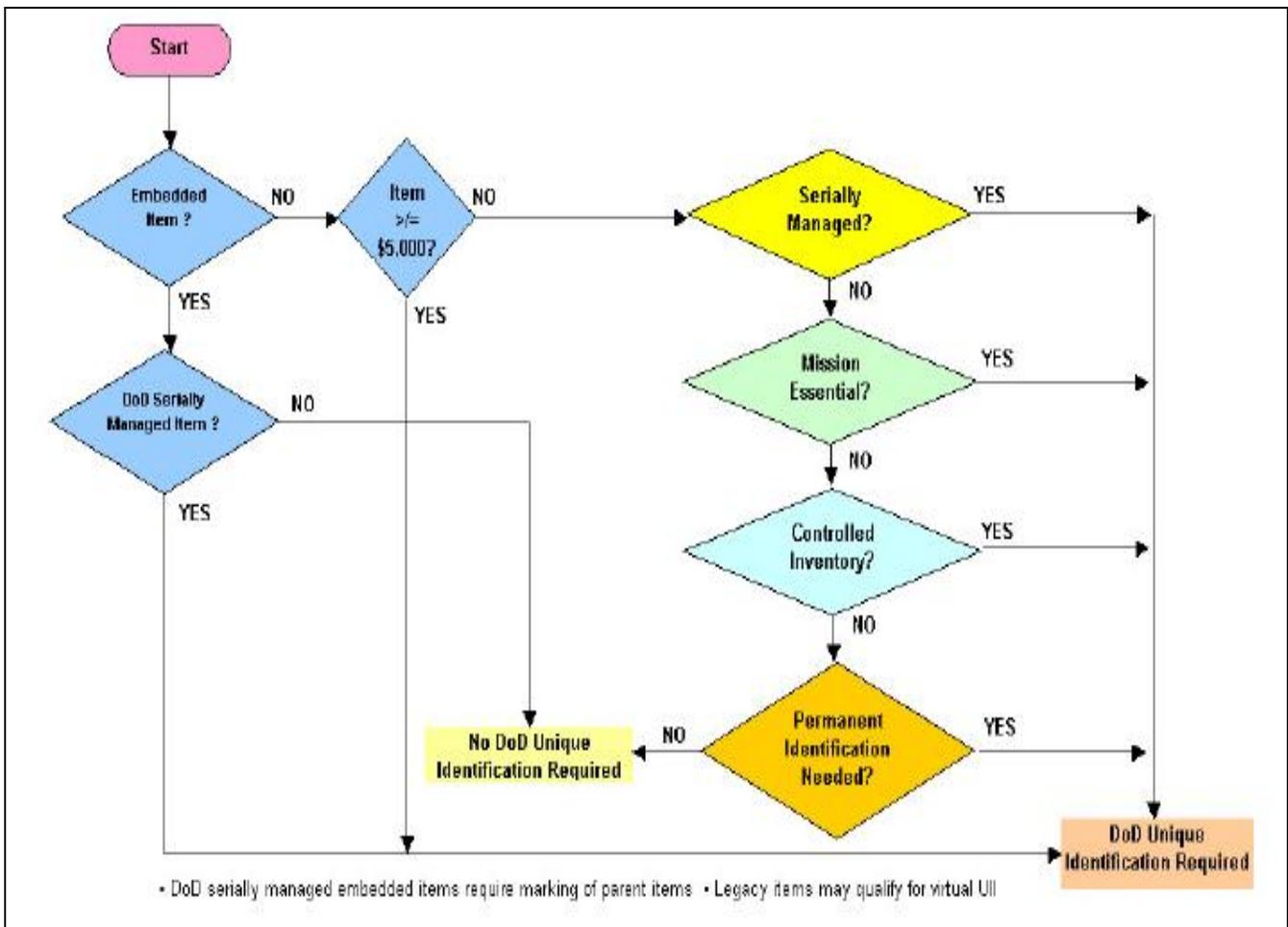


Figure 1. Determining UID Requirement

2. SCOPE.

This instruction identifies marking requirements applicable to suppliers/manufacturers of CAD/PAD components. It is applicable to both production of new CAD/PAD components and remanufacture of service returned, over-aged components. It identifies marking methods applicable to the various sizes and shapes of CAD/PAD components.

As of this writing, guidance regarding mandated transfer of data to the IUID registry can be found at "<http://www.acq.osd.mil/dpap/pdi/uid/index.html>". Go to Training and Communication link, select IUID Toolkit (www.IUIDtoolkit.com), and select "Defense Suppliers", then under "Submit", select subsection "Registration of IUID Data11", under Support Tools select "Data Submission".

3. **Marking Requirements.**

Both Human Readable Information (HRI) and Machine Readable Information (MRI) are required (see section 4). In accordance with the Defense Federal Acquisition Regulation Supplement (DFARS), DoD has mandated the use of Data Matrix ECC 200 as the standard format for UID MRI markings. Guidance for the construct and application of Data Matrix markings is contained in MIL-STD-130 and the DoD UID Guide located at <http://www.acq.osd.mil/dpap/pdi/uid/index.html>, select Guides link.

3. 1. **HRI Marking Requirements.** The following HRI data is required (as a minimum):

- Item Nomenclature; Per applicable manufacturer drawing
- Manufacturer's Commercial and Government Entity (CAGE); Five (5) alpha/numeric characters.
- Item Lot Number; Lot numbers shall be assigned IAW MIL-STD-1168, unless otherwise directed.

NOTE: The requirement for unique lot number has been deleted.

- Item Serial Number; Six (6) digit serial numbers (minimum) are required. Serial numbers shall be sequentially assigned and shall not be repeated until serial number 999,999 has been reached.
- Item manufacturer's Part Number

NOTE: The weapon system Specification Number does not meet this requirement

- Date of Manufacture (DOM); Month and Year of manufacture as identified in MIL-STD-1168B. DOM shall be the same date that is coded into the lot number.
- Optional markings: Additional markings (such as manufacturer's name, logo, contract number) are acceptable, provided that space is available on the item/data label.

NOTE: Markings and/or attachments shall make no reference to item installation requirements/procedures or shelf/service lives

3.2. MRI Data Construct.

Data Matrix ECC200 markings shall be developed based on UID Data Construct #2 using Data Identifiers (DIs) in accordance with MIL-STD-130 and the DoD UID Guide (see Figure 2). To facilitate durability throughout the scanning life cycle, the largest symbol size, including quiet zone, shall be fitted within the available marking real estate. The symbol's internal module (cell) sizes shall be no smaller than 0.0075 inch (0.19 mm) and no larger than 0.025 inch (0.64 mm). Marks shall contain **only** the data elements identified below:

NOTE: The actual UII will be comprised of CAGE, Part Number, and Serial Number data. The parenthesis surrounding the Data Identifiers are NOT encoded in the 2D symbol

- (17V) Manufacturer's Commercial and Government Entity (CAGE) code, 5 alpha/numeric characters
- (1P) Manufacturer's Item Part Number, 18 alpha/numeric characters maximum

NOTE: The weapon system specification numbers do not meet this requirement

- (S) Item Serial Number, IAW HRI requirement, six (6) digits minimum, up to eight (8) alpha/numeric characters maximum
- (30T) Item production Lot Number, IAW HRI requirement, 15 alpha/numeric characters maximum

NOTE: The data identifier for Lot Number has been changed from 1T to 30T

- (4D) Date of Manufacture (DOM), IAW HRI requirement, in Julian Date format, five (5) numeric characters:

Example: 08151 = 31 May 2008

The first two positions are the last two digits of the year, the last three positions are the Julian Date (001 through 366)

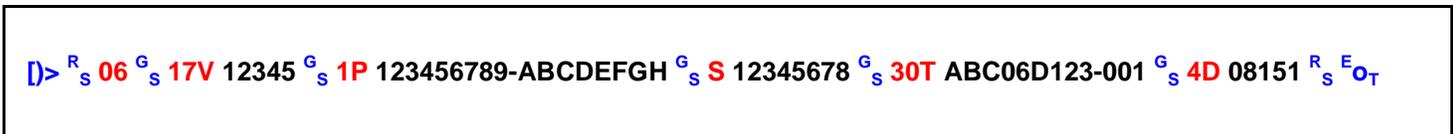


Figure 2. Sample UID Data Stream

4. **Placement of UID Marking.** CAD/PAD items vary considerably in size and shape. A large percentage of these items are currently marked with HRI printed on data plates or labels permanently affixed to the item. The preferred method for incorporating the UID required MRI is to include it on the current data plate/label and, wherever possible, the supplier is to incorporate this concept. The following identifies known variations in marking and preferred MRI incorporation methods.

Note: Unless specifically identified as a requirement in the procurement contract, subcomponents of the End Item Assembly shall not be UID marked.

4.1. **CAD/PAD Items Currently Marked with Data Plates, Labels, or Flag-Tags.** The data plates/labels for these items shall be modified/arranged to allow space for the MRI per paragraph 3.2. Marking shall comply with MIL-STD-130 and the DoD UID Guide (see figure 3).

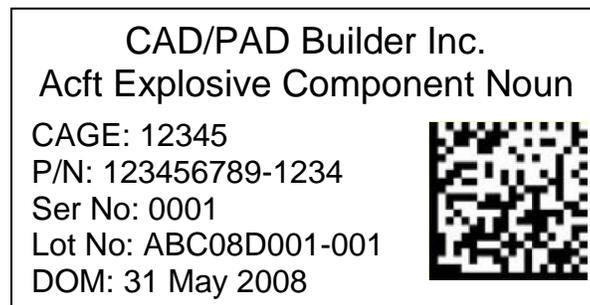


Figure 3. Sample Data Plate/Label

4.2. **CAD/PAD Items Currently Marked With Ink or Laser Etching Directly on the Item.** Item marking shall be modified/arranged to allow space for the incorporation of ink or laser etched MRI per paragraph 3.2. Marking shall comply with MIL-STD-130 and the DoD UID Guide (see figure 4).

CAD/PAD Builder Inc.
Acft Explosive Component Noun
CAGE: 12345
P/N: 123456789-1234
Ser No: 0001
Lot No: ABC08D001-001
DOM: 31 May 2008

Figure 4. Sample of Etched Data

4.3. **CAD/PAD Items Considered to be Too Small for HRI and MRI.** These items shall be physically marked using currently approved methods for HRI. A self-adhesive label shall be supplied in the item inner packaging that includes the minimum HRI (per paragraph 3.1) and the MRI Data Matrix marking (per paragraph 3.2). The label shall be as small as possible (meeting MIL-STD-130 requirements for HRI) and will include only the minimum required data (see figure 5).

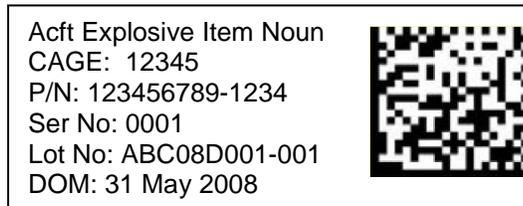


Figure 5. Sample Small Item Data Plate/Label

Note: This will allow the maintainer to scan the MRI from the label and the ability to affix it to the next higher assembly.

5. **Kit Marking Requirements.** Individual components procured and delivered in a “kit” or “ship-set” format shall each be marked with HRI and MRI as identified in sections 3 and 4. The kit containers shall also be marked with HRI and MRI per sections 3 and 4.

Note: Individual components supplied in kits or ship-sets require unique item identifiers. Their markings shall not reflect those identifying the kit or ship-set.

5.1 Only the “kit” or “ship-set” will require data submission into the UID Registry. Data submission for individual components in a kit is not required, as these components were not individually priced as line items when placed on contract.

Note: To meet UID requirements, each kit will be assigned an individual serial number. Kits that are comprised of multiple containers will all be marked with the same serial number.

5.2 “Kits” or “ship sets” will typically be assigned lot numbers coinciding with the oldest individual component in the kit.

6. **Waivers.** Waivers to the UID requirement are not allowed. Requests for waivers to marking methods outlined in this instruction may be considered. Submit requests through appropriate contracting channels.

REPSHIP Data Requirements for Individual Shipments of Hazardous Material (HAZMAT) and Inert Component Parts - Continental United States (CONUS) to CONUS, CONUS to Overseas or From All Overseas Locations

FROM: Shipping Activity
To: Domestic Customer or Transshipping Activity Clearance Authority (Ocean) or Customer Service Branch (CSB) (Air) or CONUS Sea Terminal

INFO: GACP TRANSPORTATION, HILL AFB UT - (AFLCMC / EBHMB)
email: ooalc.gacp.transportation@us.af.mil or FAX (801) 777-1089.

INFO: Sponsoring Service Accountable Supply Activity Ultimate Consignee/ Final Destination

SUBJ: Report of Shipment (REPSHIP)

1. Shipment Date written as a three-digit day of the year (Julian)
2. Estimated Time of Arrival (ETA) written as a three-digit day of the year (Julian) (Observe Standard Transit Time (STT), if CONUS Truck Shipment and no Required Delivery Date (RDD) identified)
3. Required Delivery Date (RDD) or Delivery Date (DD), if specified
4. Carrier
5. Bill of Lading (BL) Number (Notes 1, 2, 3, 4)
6. Military Traffic Expediting-Greater Security (MTX-GS) Service Number (Notes 1, 2, 3)
7. Air Release Number (Notes 1, 2, 3) or for Surface Shipments, Export Traffic Release (ETR) Number and Vessel Name and/or Voyage Document Number
8. Shipment (Cargo) Name (Example: Bombs)
9. Container and Seal Number (if applicable):
 - a. Container Transportation Control Number (TCN)
 - b. Total Weight of Contents
 - c. Rounds, Pieces, Weight, Cube, Condition code, and Lot Numbers (Note 4)
10. Security Risk Category (SRC), (E.G., Security Risk Category I, II, III, IV, Unclassified, Confidential, Secret, None)
11. Controlled Item Inventory Code (CIIC)
12. Total Net Explosive Weight (NEW)
13. Hazard Classification (s)
14. Department of Defense Identification Code / Navy Ammunition Logistic Code (DODIC/NALC). (Note 4).
15. Name, address, and phone number of person responsible for information contained in REPSHIP

NOTES:

1. When the conveyance contains more than one shipment unit, repeat the data elements in separately lettered paragraphs for each shipment unit.
2. Cargo for more than one vessel or flight, but shipped to Port of Embarkation (POE) in a single conveyance, is included in a single REPSHIP. When cargo for a single vessel is moved to the Seaport of Embarkation (SPOE) in more than one conveyance, repeat all the data elements as above in separate numbered paragraphs for each conveyance or REPSHIP.
3. A separate REPSHIP is used for each mode of shipment to the POE.
4. Lot number, DODIC and NALC are not mandatory fields. If available, they may be provided in the electronic RESHIP or in the template above. If a CBL is used, the lot number and ammunition condition code should be included in the remarks section. Weapons must be identified on the CBL by each serial number contained within the shipment.
5. DODIC and NALC are codes used specifically for logistic administration and control of ammunition.

SPECIAL PACKAGING INSTRUCTION

CODE ID

98747

SPI NO. (TPD)

F01-090-7557

SHEET 1 OF 4

DDDDPPPHM/USA/DDD/AF70/TR99004

PART OR DRAWING NO.
MULTIPLE PART NUMBERS

NATIONAL STOCK NO.
1377-01-090-7557 ES

CURRENT REV
M

ILL. D. NAY
P.S. D. THIEL

ITEM NOMENCLATURE
CARTRIDGE, DELAY

ORIGINAL DATE
95090

CHK. R. McCLOY
AUTH. T. LOCK

MILITARY PRESERVATION IAW MIL-STD-2073

PACKING AS SPECIFIED BELOW AND BILL OF MATERIALS

SERVICEABLE METHOD: 41

LEVEL SPEC STYLE TYPE CL VRTY GR TR

UNSERVICEABLE METHOD: 41

A ASTM D6251 A III 2 B

QUP 001

B ASTM D5118 RSC V3c

ICQ 000

LEVEL A LEVEL B

CLEANING & DRYING: IAW MIL-STD-2073

GROSS CU FT SEE NOTICE 2 1.043

PRESERVATIVE: N/A

GROSS WT LBS SEE NOTICE 2 8.8

DESIGN FRAGILITY G 100 100

MARKING IAW MIL-STD-129

LENGTH WIDTH DEPTH

SPECIAL MARKINGS:

CNTR I.D.

A) SPI NO. F01-090-7557
MARK THE SPI NUMBER ON THE IDENTIFICATION SIDE OF CONTAINER.

LEVEL A: SEE NOTICE 2

B) PROPER SHIPPING NAME: CARTRIDGES, SMALL ARMS
UN0012

LEVEL B: 10 10 16

C) UN POP MARKING:  4G/Y25/S/**
USA/DDD/AF70

CNTR O.D.

LEVEL A: SEE NOTICE 2
LEVEL B: 10 3/8 10 3/8 16 3/4

**THE LAST TWO DIGITS OF THE YEAR DURING WHICH THE
PACKAGING WAS MANUFACTURED.

D) REUSABLE CONTAINER & DUNNAGE DO NOT DESTROY.

ITEM DIM 1 1/4 X 1/2 DIA.
ITEM WT. 0.01 LBS

REVISIONS

LTR	DESCRIPTION	DATE
L	CORRECTED GROSS WEIGHT AND POP MARKING. UPDATED MARKING PAGE	12094
M	UPDATED FORMAT	12355

NOTE: THE ABOVE POP MARKINGS ARE FOR DOD USE ONLY.

CLOSURE:

LEVEL A: IAW: ASTM D6251

LEVEL B: IAW: ASTM D1974 SEALING METHOD C

-6	A/R	TAPE, PACKAGING	3 X AS REQUIRED	ASTM D5486 TYPE I OR V	4
-5	A/R	CUSHIONING	AS REQUIRED	A-A-1898 GRADE II, CLASS B	4
-4	8	SETUP BOX	6 X 4 X 4 (ID)	PPP-B-556 VAR 1, STY II, TYP D, CL A	2
-3	192	BARRIER BAG	AS REQUIRED	MIL-DTL-117 TYPE I, CLASS F, STYLE 1	1
-2	A/R	CUSHIONING	AS REQUIRED	A-A-59135 CLASS 1, GRADE B	1
-1	1	CONTAINER, EXTERIOR	10 X 10 X 16 (ID)	ASTM D5118 RSC, V3c	3
P/N	QTY REQD	NOMENCLATURE OR DESCRIPTION	SIZE: (INCHES UNLESS SPECIFIED) TOLERANCES ON FRAC. ± 1/8, DECIMAL ± .10, ANGLES ± 1°	MATERIAL SPECIFICATION	

SPI NO. F01-090-7557

SPECIAL PACKAGING INSTRUCTION	CODE ID 98747	SPI NO. (TPO) F01-090-7557
ITEM NOMENCLATURE CARTRIDGE, DELAY		SHEET 2 OF 4

MUNITION NOTICES

NOTICE 1: CLASS 1 (EXPLOSIVE) MATERIAL OWNED BY THE DEPARTMENT OF DEFENSE (DOD) PACKAGED PRIOR TO JANUARY 1, 1990 IN ACCORDANCE WITH THE PACKAGING REQUIREMENTS IN EFFECT AT THAT TIME ARE EXCEPTED FROM THE REQUIREMENTS OF PERFORMANCE ORIENTED PACKAGING (POP) PROVIDED THE PACKAGINGS HAVE MAINTAINED THEIR INTEGRITY AND THE GOODS ARE DECLARED AS GOVERNMENT OWNED GOODS PACKAGED PRIOR TO JANUARY 1, 1990. THIS CLAUSE DOES NOT APPLY TO COMMERCIAL AIR SHIPMENTS. (REF DLAD 4145.41/AFJI 24-210.)

NOTICE 2: FOR LEVEL A PACKING REQUIREMENTS: THE LEVEL B PACKS SHALL BE OVERBOXED IN A LEVEL A SPECIFIED CONTAINER SHOWN ON PAGE 1 UNDER PACKAGING LEVEL A. MARK THE OUTSIDE OF THE OVERBOX "OVERPACK." THE SIZE AND WEIGHT OF THE OVERBOX WILL VARY DEPENDING ON THE NUMBER OF ITEMS BEING SHIPPED. USE FILLER PAD OF ASTM-D4727, CF, DOM, GR 275 (OR EQUAL) TO ENSURE A TIGHT FIT IN THE OVERBOX.

NOTICE 3: VARIATIONS TO THE PACKAGING REQUIREMENTS OF THE SPI ARE AUTHORIZED IN ACCORDANCE WITH TITLE 49 CFR 178.601(G)(4), VARIATION 4.

NOTICE 4: ASSETS PACKAGED IN ACCORDANCE WITH PREVIOUS EDITIONS OF THIS SPI DO NOT REQUIRE REPACKAGING IF THE INTEGRITY OF THE SPI IS MAINTAINED.

NOTICE 5: SEE SPIRES FOR A COMPLETE LISTING OF NSNS ASSIGNED TO THIS SPI.

NOTICE 6: THIS SPI IS NOT AUTHORIZED FOR USE WITHOUT PROPER HAZARD CLASSIFICATION. UNLESS A FINAL HAZARD CLASSIFICATION HAS BEEN ISSUED, A COPY OF THE VALID INTERIM HAZARD CLASSIFICATION LETTER MUST ACCOMPANY EACH SHIPMENT.

***INTERNATIONAL STANDARDS FOR PHYTOSANITARY MEASURES
REVISION OF ISPM NO. 15
REVISION OF WOOD PACKAGING MATERIAL FOR INTERNATIONAL TRADE***

THE FOLLOWING STATEMENT IS IN COMPLIANCE WITH THE UNITED NATIONS-IMPLEMENTED RESTRICTIONS ON WOOD PACKAGING MATERIAL (WPM). THIS REQUIREMENT IS SPECIFICALLY CONCERNED WITH INVASIVE SPECIES SUCH AS THE PINEWOOD NEMATODE. WPM IS DEFINED AS WOOD PALLETS, SKIDS, LOAD BOARDS, PALLET COLLARS, WOODEN BOXES, REELS, DUNNAGE, CRATES, FRAMES, AND CLEATS. THE STATEMENT BELOW CITES THE REQUIREMENTS IN DETAIL AND COVERS LUMBER FOR BUILDING CONTAINERS AND PALLETS USED FOR DELIVERIES, RESULTING IN SHIPMENTS WORLDWIDE (DIRECT, OR THROUGH AIR LOGISTICS CENTERS (ALC), CONTAINER CONSOLIDATION POINTS (CCP), OR OTHER BASES).

WOODEN LUMBER, WOODEN PALLET AND PACKAGING/CONTAINER STATEMENT:

ALL WOODEN LUMBER, WOODEN PALLETS, AND WOODEN CONTAINERS PRODUCED ENTIRELY OR IN PART OF WOOD PACKAGING MATERIAL (WPM) SHALL BE CONSTRUCTED FROM DEBARKED WOOD IN ADDITION TO THE APPLICATION OF HEAT-TREATED (HT) MATERIAL (HT TO 56 DEGREES CENTIGRADE OR 133 DEGREES FAHRENHEIT FOR 30 MINUTES). CERTIFICATION/MARKING IS REQUIRED BY AN ACCREDITED AGENCY RECOGNIZED BY THE AMERICAN LUMBER STANDARDS COMMITTEE (ALSC). FOR REFERENCE DOCUMENTATION, SEE LATEST REVISION OF "INTERNATIONAL STANDARDS FOR PHYTOSANITARY MEASURES (ISPM NO. 15), "REGULATION OF WOOD PACKAGING MATERIAL IN INTERNATIONAL TRADE."

NOTES

1. WRAP EACH CARTRIDGE IN REF.-2, PLACE IN BARRIER BAG, REF.-3, EVACUATE AIR AND SEAL.
2. PLACE UP TO 24 EACH IN SETUP BOX, REF.-4.
3. PLACE UP TO 8 BOXES, REF.-4, IN EXTERIOR CONTAINER, REF.-1, BY LAYING 4 BOXES ON TOP OF 4 BOXES AS ILLUSTRATED ON SHEET 3.
4. USE A SUFFICIENT AMOUNT OF CUSHIONING, REF.-5, TO PREVENT MOVEMENT. SEAL EXTERIOR CONTAINER USING REF.-6.

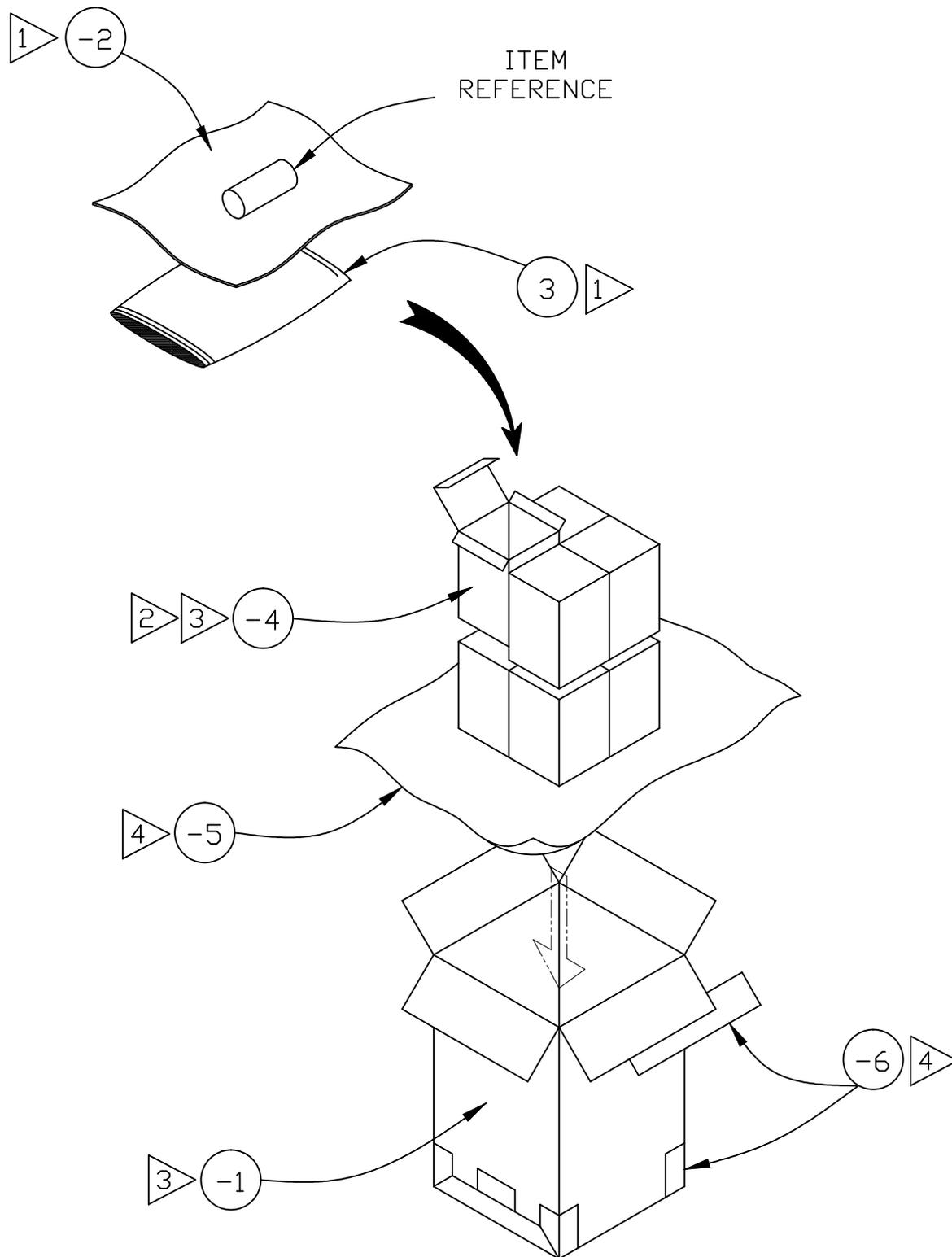
SPECIAL PACKAGING INSTRUCTION

CODE ID
98747

SPI NO. (TPO)
F01-090-7557

ITEM NOMENCLATURE
CARTRIDGE, DELAY

SHEET 3 OF 4



SPECIAL PACKAGING INSTRUCTION

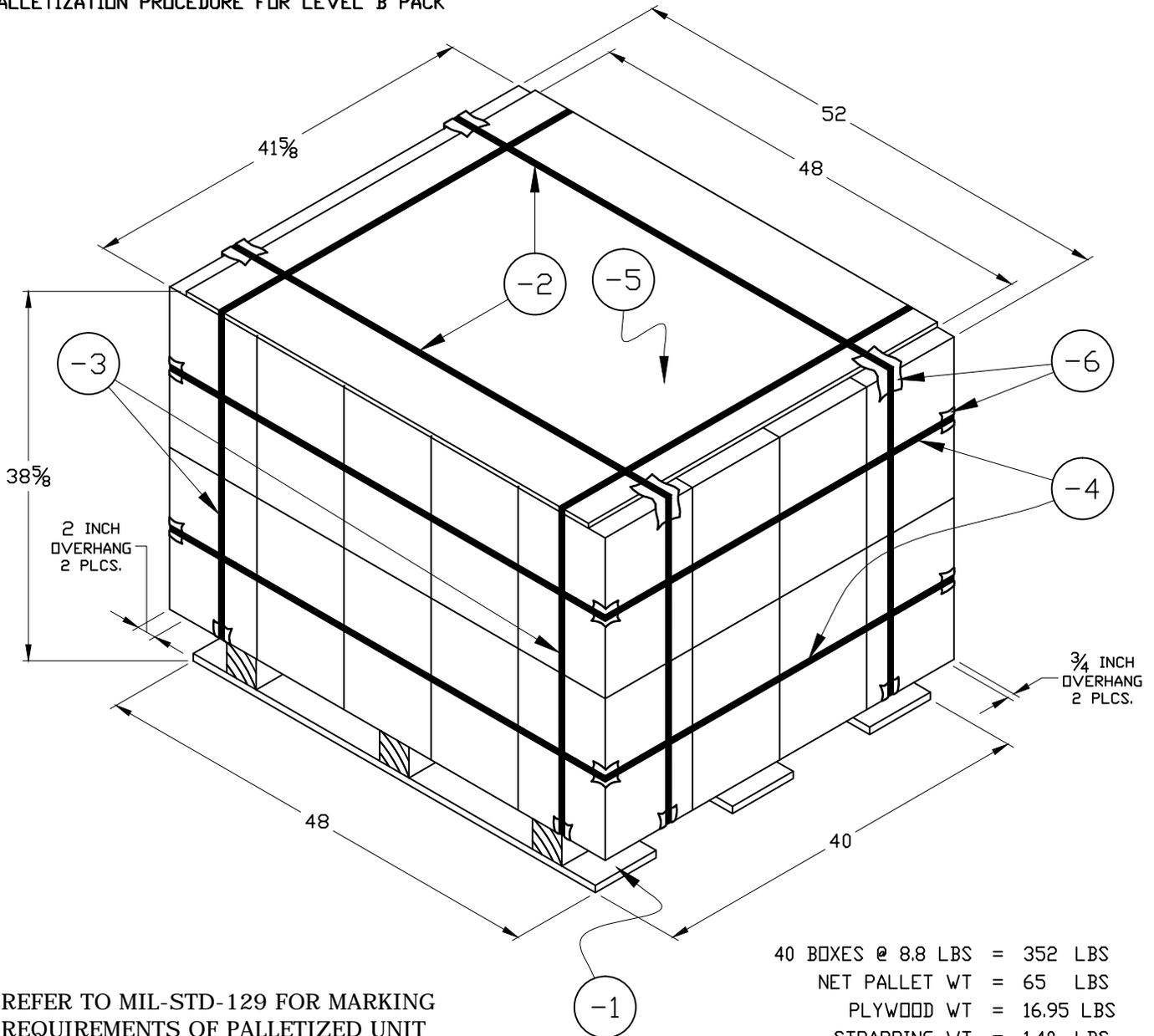
CODE ID
98747

SPI NO. (TPD)
F01-090-7557

ITEM NOMENCLATURE
CARTRIDGE, DELAY

SHEET 4 OF 4

PALLETIZATION PROCEDURE FOR LEVEL B PACK



REFER TO MIL-STD-129 FOR MARKING
REQUIREMENTS OF PALLETIZED UNIT
LOADS OF AMMUNITION.

40 BOXES @ 8.8 LBS = 352 LBS
NET PALLET WT = 65 LBS
PLYWOOD WT = 16.95 LBS
STRAPPING WT = 1.40 LBS

435.35 LBS

CUBE OF PALLETIZED LOAD = 48.4

-6	20	EDGE PROTECTORS		NSN 8135-00-145-0070 (OR EQUAL)
-5	1	PLYWOOD	48 X 41 5/8 X 3/8	A-A-55057 TYPE A
-4	2	STRAPPING, STEEL & SEALS	206 X 5/8 X .023	ASTM-D3953 TYPE 1, REG DUTY, FIN B, GRADE 2
-3	2	STRAPPING, STEEL & SEALS	173 X 5/8 X .023	ASTM-D3953 TYPE 1, REG DUTY, FIN B, GRADE 2
-2	2	STRAPPING, STEEL & SEALS	190 X 5/8 X .023	ASTM-D3953 TYPE 1, REG DUTY, FIN B, GRADE 2
-1	1	PALLET, 4-WAY ENTRY	40 X 48	MIL-P-15011 STYLE 1, SIZE A, TYPE I, CLASS 1
P/N	QTY REQD	NOMENCLATURE OR DESCRIPTION	SIZE: (INCHES UNLESS SPECIFIED) TOLERANCES ON FRAC. ± 1/8, DECIMAL ± .10, ANGLES ± 1°	MATERIAL SPECIFICATION

INSTRUCTIONS FOR COMPLETING DD FORM 1423

(See DoD 5010.12-M for detailed instructions.)

FOR GOVERNMENT PERSONNEL

- Item A. Self-explanatory.
- Item B. Self-explanatory.
- Item C. Mark (X) appropriate category: TDP - Technical Data Package; TM - Technical Manual; Other - other category of data, such as "Provisioning," "Configuration Management," etc.
- Item D. Enter name of system/item being acquired that data will support.
- Item E. Self-explanatory (to be filled in after contract award).
- Item F. Self-explanatory (to be filled in after contract award).
- Item G. Signature of preparer of CDRL.
- Item H. Date CDRL was prepared.
- Item I. Signature of CDRL approval authority.
- Item J. Date CDRL was approved.
- Item 1. See DoD FAR Supplement Subpart 4.71 for proper numbering.
- Item 2. Enter title as it appears on data acquisition document cited in Item 4.
- Item 3. Enter subtitle of data item for further definition of data item (optional entry).
- Item 4. Enter Data Item Description (DID) number, military specification number, or military standard number listed in DoD 5010.12-L (AMSDL), or one-time DID number, that defines data content and format requirements.
- Item 5. Enter reference to tasking in contract that generates requirement for the data item (e.g., Statement of Work paragraph number).
- Item 6. Enter technical office responsible for ensuring adequacy of the data item.
- Item 7. Specify requirement for inspection/acceptance of the data item by the Government.
- Item 8. Specify requirement for approval of a draft before preparation of the final data item.
- Item 9. For technical data, specify requirement for contractor to mark the appropriate distribution statement on the data (ref. DoDD 5230.24).
- Item 10. Specify number of times data items are to be delivered.
- Item 11. Specify as-of date of data item, when applicable.
- Item 12. Specify when first submittal is required.
- Item 13. Specify when subsequent submittals are required, when applicable.
- Item 14. Enter addressees and number of draft/final copies to be delivered to each addressee. Explain reproducible copies in Item 16.
- Item 15. Enter total number of draft/final copies to be delivered.
- Item 16. Use for additional/clarifying information for Items 1 through 15. Examples are: Tailoring of documents cited in item 4; Clarification of submittal dates in Items 12 and 13; Explanation of reproducible copies in Item 14.; Desired medium for delivery of the data item.

FOR THE CONTRACTOR

Item 17. Specify appropriate price group from one of the following groups of effort in developing estimated prices for each data item listed on the DD Form 1423.

a. Group I. Definition - Data which is not otherwise essential to the contractor's performance of the primary contracted effort (production, development, testing, and administration) but which is required by DD Form 1423.

Estimated Price - Costs to be included under Group I are those applicable to preparing and assembling the data item in conformance with Government requirements, and the administration and other expenses related to reproducing and delivering such data items to the Government.

b. Group II. Definition - Data which is essential to the performance of the primary contracted effort but the contractor is required to perform additional work to conform to Government requirements with regard to depth of content, format, frequency of submittal, preparation, control, or quality of the data item.

Estimated Price - Costs to be included under Group II are those incurred over and above the cost of the essential data item without conforming to Government requirements, and the administrative and other expenses related to reproducing and delivering such data item to the Government.

c. Group III. Definition - Data which the contractor must develop for his internal use in performance of the primary contracted effort and does not require any substantial change to conform to Government requirements with regard to depth of content, format, frequency of submittal, preparation, control, and quality of the data item.

Estimated Price - Costs to be included under Group III are the administrative and other expenses related to reproducing and delivering such data item to the Government.

d. Group IV. Definition - Data which is developed by the contractor as part of his normal operating procedures and his effort in supplying these data to the Government is minimal.

Estimated Price - Group IV items should normally be shown on the DD Form 1423 at no cost.

Item 18. For each data item, enter an amount equal to that portion of the total price which is estimated to be attributable to the production or development for the Government of that item of data. These estimated data prices shall be developed only from those costs which will be incurred as a direct result of the requirement to supply the data, over and above those costs which would otherwise be incurred in performance of the contract if no data were required. The estimated data prices shall not include any amount for rights in data. The Government's right to use the data shall be governed by the pertinent provisions of the contract.