

March 22, 1999

PRICE AND PROGRAM REQUIREMENTS  
FIRM FIXED PRICE

1. This attachment establishes the offeror's unit price and calculation of the total evaluated price considering the requirement for all ordering periods, and other price related factors required by the RFP. This attachment also specifies additional performance requirements for the Government and the Contractor.

2. Definitions:

2.1 Ordering Periods:

Ordering Period (OP) 1	Award Date	- 30 September 1999
Ordering Period (OP) 2	1 October 1999	- 30 September 2000
Ordering Period (OP) 3	1 October 2000	- 30 September 2001
Ordering Period (OP) 4	1 October 2001	- 30 September 2002
Ordering Period (OP) 5	1 October 2002	- 30 September 2003

3. Terms and Conditions

3.1 The Government is required to issue delivery orders with no less than 150 days between the delivery order issue date and the initial delivery date contained within the delivery order.

3.2 The minimum and maximum production rates will be 10 and 25 per month respectively for CLIN 0001.

3.3 Delivery orders will be issued unilaterally by the Government with firm delivery dates.

3.4 All prices will be proposed on a F.O.B. Destination basis. F.O.B. delivery points will be one of the following locations: New Cumberland, PA, Texarkana, TX, Lathrop, CA, or Anniston, AL.

3.5 The estimated quantities for each Ordering Period (OP) are as follows:

<u>CLIN</u>	<u>OP 1</u>	<u>OP 2</u>	<u>OP 3</u>	<u>OP 4</u>	<u>OP 5</u>
0001	223 ea	175 ea	175 ea	175 ea	175 ea

4. Price Evaluation

4.1 The Government has established delivery order quantity ranges for the offeror to enter unit prices for all five Ordering Periods. For evaluation purposes, the Government has also established weights for each range within each Ordering Period. The weights reflect the probability that an order will be made within a given range. The Government will evaluate proposals for award purposes in accordance with the following evaluation.

4.2 A weighted average unit price for each Ordering Period, for each CLIN, will be calculated for evaluation purposes by multiplying the unit price (UP) for each Quantity Order Range (QOR) by the weight of the range (W), as follows:

$$\text{Weighted Average UP} = (\text{QDR}_1 \times W_1) + (\text{QDR}_2 \times W_2)$$

4.3 The evaluated price for each Ordering Period will be the weighted average unit price multiplied by the estimated maximum quantity for that Ordering Period, as follows:

$$\text{OP Evaluated Price} = \text{Weighted Avg UP} \times \text{Est Max Quantity/OP}$$

4.4 The evaluated CLIN price is equal to the sum of the CLIN's Ordering Period evaluated prices.

The following example is provided:

	<u>OP 1</u>	<u>OP 2</u>	<u>Weight</u>
QOR	\$12	\$14	.2
QOR	\$10	\$12	.8
Wgt Avg Price	\$10.40	\$12.40	
Estimated Maximum Quantity	OP 1	OP 2	
	100 each	200 each	
Evaluated Price for OP 1 -	\$10.40 x 100 = \$1,040.00		
Evaluated Price for OP 2 -	\$12.40 x 200 = \$2,480.00		
Total Evaluated CLIN Price:			----- \$3,520.00

4.5 The Government will evaluate offers for award purposes based on the total evaluated CLIN price.

4.6 The offeror shall fill in only the unit price blocks within the following chart for CLIN 0001:

# Price Evaluation Spreadsheet

Firm Fixed Price

Estimated Maximum Quantity per Period	Ordering Period 1			Ordering Period 2			Ordering Period 3			Ordering Period 4			Ordering Period 5			Total
	250 Units			250 Units			250 Units			250 Units			250 Units			
CLIN 0001 ( FFP )	Evaluation Range	Proposed Unit Price	Weight	Evaluation Range	Proposed Unit Price	Weight	Evaluation Range	Proposed Unit Price	Weight	Evaluation Range	Proposed Unit Price	Weight	Evaluation Range	Proposed Unit Price	Weight	
NSN: 1015-01-386-5575	50 - 99		0.10	50 - 99		0.20	50 - 99		0.20	50 - 99		0.20	50 - 99		0.20	
Part Number: 9338188-2	100 - 250		0.90	100 - 250		0.80	100 - 250		0.80	100 - 250		0.80	100 - 250		0.80	
Weighted Average Unit Price			1.00			1.00			1.00			1.00			1.00	
Wtd Avg U/P x Est Max Qty	250			250			250			250			250			
<b>Evaluated CLIN Price</b>																

Price Related Eval Factors Required by RFP	
<b>Total Evaluated Price</b>	

DOCUMENT SUMMARY LIST

Item: MANUAL DRIVE ASSY  
NSN: 1015-01-386-5575  
Control Number/PRON: P29AA1X2

Identifies all first tier documents (cited in SOW) (applicable DIDs). Also included are all referenced documents (2nd, (includes DID block 10 references), 3<sup>rd</sup> and lower tier) which have been tailored.

DOCUMENT CATEGORY:

CATEGORY 0 - Unless otherwise specified in the solicitation, contract, or contract modifications, all documents are for guidance and information only.

CATEGORY 1 - The requirements contained in the directly cited document are contractually applicable to the extent specified. All referenced documents are for guidance and information only.

CATEGORY 2 - The requirements contained in the directly cited document and the reference documents identified in the directly cited document are contractually applicable to the extent specified. All subsequently referenced documents are for guidance and information only.

CATEGORY 3 - Unless otherwise specified in the solicitation, contract or contract modification, all requirements contained in the directly cited document and all reference and subsequently referenced documents are contractually applicable to the extent specified.

Document Number (Contract Reference) Applicable Tailoring	Document Title	Document Date/ Document Category
1a. MIL-STD-973	Configuration Management	17 Apr 92 Cat 2

See section C clause(s) titled: Value Engineering Change Proposals, Engineering Change Proposals, Deviation and/or Ozone-Depleting Substances.

In the application of MIL-STD-973 Paragraphs 5.4.3, 5.4.4 and 5.4.8 apply, and are tailored as follows:

(1) Page 53, para 5.4.3.4., Delete "a contractor designed form, or a letter" in the first sentence.

(2) Page 53, para 5.4.3.3.2a., Line 5, add "or size" after "weight".

(3) Page 53, Delete para 5.4.3.5., and replace by, "Unless otherwise specified in the contract, requests for critical deviations should be approved or disapproved within 30 calendar days of receipt by the Government and for all other deviations within 60 calendar days of receipt by the Government."

(4) Para 5.4.3.5.1. Minor deviations.  
Line 3. Delete "...by the activity...Class II change" and insert "by the Contracting Officer."

(5) Page 55, para 5.4.4.3.2a., Line 7, add "or size" after "weight".

(6) Page 56. Delete paragraph 5.4.4.5 and replace by "Unless otherwise specified in the contract, requests for critical waivers should be approved or disapproved within 30 calendar days of receipt by the Government and for all other RFWs within 60 calendar days of receipt by the Government."

(7) Para 5.4.4.5.1. Minor waivers.  
Lines 4 and 5. Delete "...Contract Administration Office (CAO)." Insert "...Configuration Manager and a Government Contracting Officer."

(8) Page 61, para 5.4.8.3.4., in line 6 add "or size" after "weight".

(9) Page 61, Add new para 5.4.8.3.4.1., "An RFD shall be supported by test data and analysis, where appropriate, and provided to support the decision regarding acceptance of the nonconformance."

(10) Page 61, Delete para 5.4.8.3.5. and replace by, "Unless otherwise specified in the contract, deviations are approved and authorized only by the Contracting Officer. Critical deviations should be processed within 30 calendar days of receipt by the Government and all other RFDs processed within 60 calendar days of receipt by the Government."

(11) Page 62, para 5.4.8.4, Delete lines 7 thru 10 and replace with "standard. All RFWs shall be submitted as specified in the contract for approval or disapproval and acceptance or rejection by the authorized Contracting Officer."

(12) Page 62, para 5.4.8.4.4., on line 6 add "or size" after "weight".

(13) Page 62, Add new para 5.4.8.4.4.1., "an RFW shall be supported by test data and analysis, where appropriate, and provided to support the decision regarding acceptance of the nonconformance."

1b. Interim Notice 3 (DO)	Configuration Management	13 Jan 95 Cat 2
1c. DI-CMAN-80639B (seq A001)	Engineering Change Proposal	13 Jan 95 Cat 2
1d. DI-CMAN-80640B (seq A002)	Request for Deviation	13 Jan 95 Cat 2
1e. DI-CMAN-80641B (seq A003)	Request for Waiver	13 Jan 95 Cat 2
1f. DI-CMAN-80642B (seq A004)	Notice of Revision	13 Jan 95 Cat 2
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2. ANSI/ISO/ASQC Q9002 or equivalent	Model for Quality Assurance in Production, Installation & Servicing	18 Jul 94
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3a. NCSL Z540-1 (ES7010)	General Requirements for Calibration Laboratories and Measuring and Test Equipment OR	30 Aug 94
ISO 10012-1 (ES7010)	Quality Assurance Requirements for Measuring Equipment, Part 1: Metrological Confirmation System	1992
3b. DI-QCIC-81006 (DD Form 1423)	Special Inspection Equipment Descriptive Documentation	11 Sep 89 Cat 1
4a. DOD-P-16232F INT Amd 1 (TDPL)	Phosphate Coating Heavy Manganese or Zinc Base (for Ferrous Metal)	09 Sep 92 Cat 2
4b. DI-NDTI-80603 (DD Form 1423)	Test Procedure	01 Jun 90 Cat 1
5a. TT-C-490D (TDPL)	Cleaning Methods for Ferrous Surfaces and Pretreatment for Organic Coating	31 Mar 93 Cat 2
5b. DI-NDTI-80603 (DD Form 1423)	Test Procedure	01 Jun 88 Cat 1

# CONTRACT DATA REQUIREMENTS LIST

Form Approved  
OMB No. 0704-0188

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

A. CONTRACT LINE ITEM NO. DAAE20-99-R-0123	B. EXHIBIT	C. CATEGORY: TDP _____ TM _____ OTHER <input checked="" type="checkbox"/>
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D. SYSTEM/ITEM MANUAL DRIVE ASSEMBLY	E. CONTRACT/PR NO.	F. CONTRACTOR
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1. DATA ITEM NO. A001	2. TITLE OF DATA ITEM ENGINEERING CHANGE PROPOSAL (ECP)	3. SUBTITLE
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4. AUTHORITY (Data Acquisition Document No.) DI-CMAN-80639B	5. CONTRACT REFERENCE MIL-STD-973	6. REQUIRING OFFICE AMSTA-AR-QAD
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7. DD 250 REQ LT	9. DIST STATEMENT REQUIRED	10. FREQUENCY AS REQD	12. DATE OF FIRST SUBMISSION AS REQD	14. DISTRIBUTION
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8. APP CODE -	*	11. AS OF DATE ---	13. DATE OF SUBSEQUENT SUBMISSION	a. ADDRESSEE	b. COPIES	
				Draft	Final	
					Reg	Repro

16. REMARKS ECP SHORT FORM SHALL BE USED FOR SUBMISSION AND PROCESSING OF ALL CLASS II ENG ACTIONS. *DISTRIBUTION STATEMENT WILL BE ASSIGNED AND IMPLEMENTED BY DOD CONF. MGR.	SEE ADDRESS		
	CODE DISTRIB		
	ATTACHED		
	15. TOTAL	→	

17. PRICE GROUP
18. ESTIMATED TOTAL PRICE

1. DATA ITEM NO. A002	2. TITLE OF DATA ITEM REQUEST FOR DEVIATION (RFD)	3. SUBTITLE
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4. AUTHORITY (Data Acquisition Document No.) DI-CMAN-80640B	5. CONTRACT REFERENCE MIL-STD-973	6. REQUIRING OFFICE AMSTA-AR-QAD
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7. DD 250 REQ LT	9. DIST STATEMENT REQUIRED	10. FREQUENCY AS REQD	12. DATE OF FIRST SUBMISSION AS REQD	14. DISTRIBUTION
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8. APP CODE -	*	11. AS OF DATE ---	13. DATE OF SUBSEQUENT SUBMISSION	a. ADDRESSEE	b. COPIES	
				Draft	Final	
					Reg	Repro

16. REMARKS * DISTRIBUTION STATEMENT WILL BE ASSIGNED AND IMPLEMENTED BY THE DOD CONFIGURATION MANAGER.	SEE ADDRESS		
	CODE DISTRIB		
	ATTACHED		
	15. TOTAL	→	

17. PRICE GROUP
18. ESTIMATED TOTAL PRICE

1. DATA ITEM NO. A003	2. TITLE OF DATA ITEM REQUEST FOR WAIVER (RFW)	3. SUBTITLE
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4. AUTHORITY (Data Acquisition Document No.) DI-CMAN-80641B	5. CONTRACT REFERENCE MIL-STD-973	6. REQUIRING OFFICE AMSTA-AR-QAD
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7. DD 250 REQ LT	9. DIST STATEMENT REQUIRED	10. FREQUENCY AS REQD	12. DATE OF FIRST SUBMISSION AS REQD	14. DISTRIBUTION
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8. APP CODE -	*	11. AS OF DATE ---	13. DATE OF SUBSEQUENT SUBMISSION	a. ADDRESSEE	b. COPIES	
				Draft	Final	
					Reg	Repro

16. REMARKS * DISTRIBUTION STATEMENT WILL BE ASSIGNED AND IMPLEMENTED BY THE DOD CONFIGURATION MANAGER.	SEE ADDRESS		
	CODE DISTRIB		
	ATTACHED		
	15. TOTAL	→	

17. PRICE GROUP
18. ESTIMATED TOTAL PRICE

1. DATA ITEM NO. A004	2. TITLE OF DATA ITEM NOTICE OF REVISION (NOR)	3. SUBTITLE
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4. AUTHORITY (Data Acquisition Document No.) DI-CMAN-80642B	5. CONTRACT REFERENCE MIL-STD-973	6. REQUIRING OFFICE AMSTA-AR-QAD
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7. DD 250 REQ LT	9. DIST STATEMENT REQUIRED	10. FREQUENCY AS REQD	12. DATE OF FIRST SUBMISSION AS REQD	14. DISTRIBUTION
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8. APP CODE -	*	11. AS OF DATE ---	13. DATE OF SUBSEQUENT SUBMISSION	a. ADDRESSEE	b. COPIES	
				Draft	Final	
					Reg	Repro

16. REMARKS CONTRACTOR SHALL PREPARE/SUBMIT NOR FOR EACH DRAWING, ASSOCIATED LIST, OR OTHER REF DOCUMENT WHICH REQ REV & SUBMIT NOR W/ECP. * REF DISTRIBUTION REMARKS ABOVE.	SEE ADDRESS		
	CODE DISTRIB		
	ATTACHED		
	15. TOTAL	→	

17. PRICE GROUP
18. ESTIMATED TOTAL PRICE

G. PREPARED BY	H. DATE 1/5/99	I. APPROVED BY STEPHEN J HANSEN	J. DATE 1/5/99
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**CONTRACT DATA REQUIREMENTS LIST**

(2 Data Items)

Form Approved  
OMB No. 0704-0188

Public reporting burden for this collection of information is estimated to average 220 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302, and to the Office of Management and Budget, Paperwork Reduction Project (0704-0188), Washington, DC 20503. Please DO NOT RETURN your form to either of these addresses. Send completed form to the Government Issuing Contracting Officer for the Contract/PR No. listed in Block E.

A. CONTRACT LINE ITEM NO. DAAE20-99-R-0123	B. EXHIBIT	C. CATEGORY: TOP _____ TM _____ OTHER <input checked="" type="checkbox"/>
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D. SYSTEM/ITEM MANUAL DRIVE ASSEMBLY	E. CONTRACT/PR NO.	F. CONTRACTOR
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1. DATA ITEM NO. A005	2. TITLE OF DATA ITEM SPECIAL INSPECTION EQUIPMENT DESCRIPTIVE DOCUMENT	3. SUBTITLE AIE DESIGN DOCUMENTATION
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4. AUTHORITY (Data Acquisition Document No.) DI-QCIC-81006 *	5. CONTRACT REFERENCE SECTION "E"	6. REQUIRING OFFICE AMSTA-AR-QA
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7. DD 250 REQ XX	9. DIST STATEMENT REQUIRED N/A	10. FREQUENCY 1	12. DATE OF FIRST SUBMISSION **	14. DISTRIBUTION		
8. APP CODE A	11. AS OF DATE N/A	13. DATE OF SUBSEQUENT SUBMISSION WHEN REV.	a. ADDRESSEE		b. COPIES	
			Draft	Final		
				Reg	Repro	

16. REMARKS * Block 4: Do not address para. 10.1, 10.2, 10.4.1(f), 10.4.2. Ignore all reference to the word "Special" in DID. Submit for all critical, special and major characteristics in specification or QAP. **Block 12: Submit 30 days prior to FA or production, if FA is waived. The Government will respond within 30 days of receipt of originals and revisions. Revisions are to be submitted within 10 days of receipt of Government response. If documentation was approved on prior contract and no changes were made, submit only evidence of prior approvals.  email: (1) aie-qat@pica.army.mil; (2) amsta-ar-qa-cdr1@rial-emh2.army.mil; Text: Microsoft Office 97 Drawings: AutoCAD-Release 14 (expressed mailed hard copies will be accepted). Files may be compressed using ZIP program. WARNING: Large packages may cause delays in delivery using email internet. Email subject line must contain end item nomenclature.			-AR-QAT-T(D) QAR -LC-CAC-A (LETTER ONLY) -AR-QAW(R) (LETTER ONLY)			
			15. TOTAL		2	

17. PRICE GROUP
18. ESTIMATED TOTAL PRICE

1. DATA ITEM NO. A006	2. TITLE OF DATA ITEM TEST PROCEDURE / PHOSPHATE COATING	3. SUBTITLE PRE-PRODUCTION PROCEDURE
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4. AUTHORITY (Data Acquisition Document No.) DI-NDTI-80603 *	5. CONTRACT REFERENCE DOD-P-16232, PARA 3.1	6. REQUIRING OFFICE AMSTA-AR-ESM
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7. DD 250 REQ XX	9. DIST STATEMENT REQUIRED N/A	10. FREQUENCY 1	12. DATE OF FIRST SUBMISSION 60 DAC	14. DISTRIBUTION		
8. APP CODE A	11. AS OF DATE N/A	13. DATE OF SUBSEQUENT SUBMISSION N/A	a. ADDRESSEE		b. COPIES	
			Draft	Final		
				Reg	Repro	

16. REMARKS * Block 4: Paragraphs 10.2.2.2 & 10.2.2.3 only apply. Block 8 continued - Prior to production, approval through the contracting officer is required within 60 days after contract award. A DD Form 250 is not required for phosphate coating procedure approval. Contractor format acceptable. Shall be submitted on an IBM compatible 3-1/2" diskette in Rich Text Format (RTF).			-LC-CAC-A			
			15. TOTAL		1	

17. PRICE GROUP
18. ESTIMATED TOTAL PRICE

G. PREPARED BY	H. DATE	I. APPROVED BY Stephen J. Hansen	J. DATE 1/5/99
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**CONTRACT DATA REQUIREMENTS LIST**  
(2 Data Items)

Form Approved  
OMB No. 0704-0188

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A. CONTRACT LINE ITEM NO. DAAE20-99-R-0123		B. EXHIBIT		C. CATEGORY: TDP _____ TM _____ OTHER <input checked="" type="checkbox"/>		
D. SYSTEM/ITEM MANUAL DRIVE ASSEMBLY			E. CONTRACT/PR NO.		F. CONTRACTOR	
1. DATA ITEM NO. A007	2. TITLE OF DATA ITEM TEST PROCEDURE - PHOSPHATE COATING			3. SUBTITLE PRE-PRODUCTION PROCEDURE		
4. AUTHORITY (Data Acquisition Document No.) DI-NDTI-80603 *			5. CONTRACT REFERENCE TT-C-490, TYPE 1, PARA 3.2		6. REQUIRING OFFICE AMSTA-AR-ESM	
7. DD 250 REQ XX	8. DIST STATEMENT REQUIRED N/A	10. FREQUENCY 1	12. DATE OF FIRST SUBMISSION 60 DAC		14. DISTRIBUTION	
8. APP CODE A	11. AS OF DATE N/A	13. DATE OF SUBSEQUENT SUBMISSION N/A	a. ADDRESSEE -LC-CAC-A		b. COPIES	
18. REMARKS * Block 4: Paragraphs 10.2.2.2 & 10.2.2.3 only apply. Block 8 continued - Prior to production, approval through the contracting officer is required within 60 days after contract award. A DD Form 250 is not required for phosphate coating procedure approval. Contractor format acceptable. Shall be submitted on an IBM compatible 3-1/2" diskette in Rich Text Format (RTF).			Draft	Final		
			Reg	Repro	1	
			15. TOTAL		1	

17. PRICE GROUP
18. ESTIMATED TOTAL PRICE

1. DATA ITEM NO.	2. TITLE OF DATA ITEM			3. SUBTITLE		
4. AUTHORITY (Data Acquisition Document No.)			5. CONTRACT REFERENCE		6. REQUIRING OFFICE	
7. DD 250 REQ	8. DIST STATEMENT REQUIRED	10. FREQUENCY	12. DATE OF FIRST SUBMISSION		14. DISTRIBUTION	
8. APP CODE	11. AS OF DATE	13. DATE OF SUBSEQUENT SUBMISSION	a. ADDRESSEE		b. COPIES	
18. REMARKS			Draft	Final		
			Reg	Repro		
			15. TOTAL			
G. PREPARED BY		H. DATE	I. APPROVED BY Stephen J. Hansen		J. DATE 1/5/99	

17. PRICE GROUP
18. ESTIMATED TOTAL PRICE

## LIST OF ADDRESSES

Commander  
U.S. Army Industrial Operations Command  
ATTN: AMSIO-\_\_\_\_\_ (see block 14 of DD form 1423 for symbols that apply)  
Rock Island, IL 61299-6000

Director  
Armament and Chemical Acquisition, and Logistics Activity  
ATTN: AMSTA-AC\_\_\_\_\_ (see block of DD form 1423 for symbols that apply)  
Rock Island, IL 61299-8630

Director  
U.S. Army, Armament, Research, Development & Engineering Center  
ATTN: AMSTA-AR\_\_\_\_\_ \*(R) (see block of DD form 1423 for symbols that apply)  
Rock Island, IL 61299-7300

Commander  
U.S. Army, Armament Research, Development & Engineering Center  
ATTN: AMSTA-AR-\_\_\_\_\_ \*(D) (See block 14 of DD Form 1423 for symbols that apply)  
Picatinny Arsenal, NJ 07806-5000

\*When letter in parentheses at end of office symbol is a "R", use Rock Island address; when it is a "D", use Picatinny Arsenal address.

### E-MAIL ADDRESSES:

AMSTA-AR-QAA(D)	aie-qa@pica.army.mil
AMSTA-AR-QAC(D)	aie-qac@pica.army.mil
AMSTA-AR-QAT(D)	aie-qat@pica.army.mil
AMSTA-AR-QA__(R)	amsta-ar-qa-cdr@ria-emh2.army.mil

ADDRESS CODE DISTRIBUTION SHEET  
FOR ECP/RFD/RFW/VECP

1. Concurrent distribution of Value Engineering Change Proposals (VECPs), Engineering Change Proposals (ECPs), Request for Deviations (RFDs) shall be submitted by the Contractors as follows:

2. The contractor shall submit copies as required and as identified below to: Director, U.S. Army Armament Research, Development and Engineering Center, ATTN: AMSTA-AR-QAD (ECPs), Rock Island, IL 61299-7300.

- a. VECPs -                   original plus 3 copies  
                                  original (Tools & Equipment)  
                                  original plus 2 copies (Navy or Air Force)
- b. ECPs -                    original plus 2 copies  
                                  original (Tools & Equipment)  
                                  original plus 2 copies (Navy or Air Force)
- c. RFDs/RFWs-             original plus 2 copies  
                                  original plus 2 copies (Navy or Air Force)

3. Provide one copy designated "Advance Copy" to one of the following design agencies if the agency is cited in the contract:

a. Chemical Command: Commander, Chemical Biological Defense Agency, ATTN: SCBRD-ENE-D, Aberdeen Proving Ground, MD 21010-5423.

b. U.S. Navy: Commander, Naval Surface Warfare Center, Crane Division, ATTN: Code 40, Crane, IN 47522-5000, or Commander, Naval Air Warfare Center, Weapons Division, 521 9th St., ATTN: Code 332200E, Point Mugu, CA 83042-5001.

c. U.S. Air Force: Commander, U.S. Army Industrial Operations Command, ATTN: AMSIO-ASI-SA (Mr. Flood ASD/YH), Eglin Air Force Base, FL 32542-5000, or Commander, Ogden Air Logistics Center, ATTN: OO-ALC/LIWGE, 6034 Dogwood Ave., Hill Air Force Base, UT 84056-5816.

4. Provide one copy designated "Advance Copy" to:

a. Contracting Officer: Director, Armament and Chemical Acquisition, and Logistics Activity, Rock Island, IL 61299-8630 (ACALA items) or Commander, Industrial Operations Command, Rock Island, IL 61299-6000 (IOC items).

b. Administrative Contracting Officer.

5. For VECPs only, provide one copy designated "Advance Copy" to the Value Engineering Division: Commander, U.S. Army Industrial Operations Command, ATTN: AMSIO-RMV, Rock Island, IL 61299-6000.

6. When ECPs, RFWs, RFDs are determined to be Urgent, Critical and/or Schedule impacting, an action copy shall be provided to AMSTA-AR-QAD via data facsimile (FAX) to 309-782-6450. This transmission is to be immediately followed with the usual hard copy mailing.



## CONTRACT C WORKSHEET (Continued)

### ENGINEERING EXCEPTIONS (CONTINUED)

Pg. 3, under Part III Certification Requirements, delete (STA Form 4452 Para 3.5 applies) and substitute "The Certification Provisions of MIL-W-63150 for Certificates of Conformance (COC) shall apply. Certificates of Conformance are required for Defect Nos. 301, 302, 303 & 304.

SQ9338170, Pg. 1, under Specifications, add MIL-W-63150. Pg. 4, Part II, under Minor Defect, add Defect No. 211 as follows:

211 Workmanship (see MIL-W-63150) Visual

Pg. 5, under Part III, Certification Requirements, delete (STA Form 4452 Para 3.5 applies) and substitute "The Certification Provisions of MIL-W-63150 for Certificates of Conformance (COC) shall apply. Certificates of Conformance are required for Defect Nos. 401 thru 404.

SC-X15110 - delete dwg. 11655194 and substitute:

"All soldering and soldering related operations shall be performed in accordance with a detailed soldering process plan to be developed and maintained by the contractor. The plan shall include the procedures to be used for all soldering and soldering related operations (i.e. hand soldering, tinning, solderability testing or verification, automated soldering, inspection, process controls). Each procedure shall describe the operation in sufficient detail to ensure that the performance requirements for the item being manufactured are met. As a minimum, each procedure shall include the process, tools, equipment, materials and acceptance criteria used for the operation. The soldering process plan shall be made available to the cognizant government technical agency.

In lieu of developing a soldering process plan, the contractor may elect to utilize ANSI/IPC/J-STD-001, Class 3\*, with the cleanliness designator as indicated below:

Flux Type in Use	Cleanliness Designator**
Low Residue/No Clean Flux	C02
Rosin Based Flux	C22
Water Soluble Flux	C22

\* Class 3 High Performance Electronic Products  
Includes equipment for commercial and military products where continued performance or performance-on-demand is critical. Equipment downtime cannot be tolerated, end-item use may be uncommonly harsh, and the equipment must function when required, such as life support systems and critical weapons systems.

\*\* ANSI/IPC/J-STD-001 Rev A, paragraph 8.3.2 and sub-paragraphs."

9338212 - delete O-S-1926; substitute A-A-694  
 12287879 - delete QQ-B-613; substitute ASTM-B36, ASTM-B121  
 SC-X15110 - delete MIL-STD-45662; substitute ISO 10012-1  
 SQ12287887, SQ9338168, 12287884, 12273146, 9338168, 9338169, 9338171 - delete MIL-C-26074; substitute AMS2404, AMS2405, AMS2433

#### TDPL:

Document:	Delete:	Substitute:	Add:
12274216	E	H, 4/16/96	- -
12287888	B	C, 9/27/94	- -
12287895	A	B, 2/21/96	- -
12304474	B	C, 9/26/94	- -
12304475	B	C, 9/26/94	- -
9338170	D	E, 4/23/97	- -
9338188	B	C, 11/5/93	- -
MS16562	3/14/86	2/29/96	- -
MS3215	-	B, 3/14/96	- -
MS35333	12/13/93	K, w/Amd 1, 7/20/98 (Reinstated)	- -
MS35671	3/17/65	2/29/96	- -

## CONTRACT C WORKSHEET (Continued)

### ENGINEERING EXCEPTIONS (CONTINUED)

MS35677	3/17/65	3/11/96	--
NAS1747	3,6/15/84	4, 4/18/90	--
PD 9338188-2	--	--	A, 2/20/96
SQ 12274216	shs 1&2,D	shs 1&2, G	--
	sh 3, C	sh 3, G	--
SQ 9338170	11 shs, -	11 shs, A, 5/29/97	--
H8T2026	--	--	NOR 12344343
H8T2010	--	--	NOR MIL-STD-171
G3T1035	NOR 12273146		--
G1T4110	NORS:	--	--
	12274216		
	SQ12274216		
G3T4023	NORS:	--	--
	12274216		
	12274216		
	12287888		
	12287895		
	12304474		
	12304475		
	12304476		
G3T4025	NOR 12274216	--	--

The following specifications have been cancelled:

PPP-C-1752	QQ-A-225	QQ-A-225/3
QQ-A-225/8	QQ-P-35	MIL-T-43435
MIL-T-45309	MIL-STD-1186	MIL-STD-147
MIL-STD-193	MIL-STD-6866	ANSI-B92.1

MIL-C-22520 is now MIL-DTL-22520, G w/Suppl 1  
MIL-C-22750 is now MIL-PRF-22750  
MIL-C-27500 is now MIL-DTL-27500, H  
MIL-I-23053 is now MIL-DTL-23053, E w/Suppl 1A  
MIL-I-23053/5 is now MIL-DTL-23053/5, C  
MIL-S-8805 is now MIL-PRF-8805, G