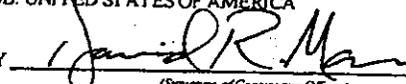


AWARD/CONTRACT		1. THIS CONTRACT IS A RATED ORDER UNDER DPAS (15 CFR 350)		RATING DO-07	PAGE OF PAGES 1 45
2. CONTRACT (Proc. Inst. Ident.) NO M67854-05-D-1062		3. EFFECTIVE DATE 30 Sep 2005		4. REQUISITION/PURCHASE REQUEST/PROJECT NO M0645006RC64603	
5. ISSUED BY MARCORSYSCOM IMS ATTN: MAJOR RICHARD HOLLEN 2200 LESTER STREET QUANTICO VA 22134		CODE M67854	6. ADMINISTERED BY (If other than item 5) DCMC ORLANDO 3666 MAGUIRE BOULEVARD ORLANDO FL 32803-3726		CODE S1002A
7. NAME AND ADDRESS OF CONTRACTOR (No. street, city, country, state and zip code) DRS OPTRONICS, INC DON GRAHAM 2330 COMMERCE PARK DRIVE, NE PALM BAY FL 32905			8. DELIVERY <input type="checkbox"/> FOB ORIGIN <input checked="" type="checkbox"/> OTHER (See below)		9. DISCOUNT FOR PROMPT PAYMENT Net 30 Days
CODE 32865			10. SUBMIT INVOICES 2 (1 copies unless otherwise specified) TO THE ADDRESS SHOWN IN:		ITEM Section G
11. SHIP TO/MARK FOR DEFAULT MARCORSYSCOM; 2200 LESTER STREET, BLDG QUANTICO VIRGINIA 22134-6050		CODE M96450	12. PAYMENT WILL BE MADE BY DFAS-COLUMBUS CENTER DFAS COLUMBUS CENTER-SOUTH ENTITLEMENT OF COLUMBUS OH 43215-2284		CODE HQ0038
13. 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)			14. ACCOUNTING AND APPROPRIATION DATA See Schedule		
15A. ITEM NO.	15B. SUPPLIES/SERVICES	15C. QUANTITY	15D. UNIT	15E. UNIT PRICE	15F. AMOUNT
SEE SCHEDULE					
15G. TOTAL AMOUNT OF CONTRACT					\$183,000.00
16. TABLE OF CONTENTS					
(X) SEC.	DESCRIPTION	PAGE(S)	(X) SEC.	DESCRIPTION	PAGE(S)
PART I - THE SCHEDULE			PART II - CONTRACT CLAUSES		
X A	SOLICITATION/ CONTRACT FORM	1	X I	CONTRACT CLAUSES	37 - 44
X B	SUPPLIES OR SERVICES AND PRICES/ COSTS	2 - 24	PART III - LIST OF DOCUMENTS, EXHIBITS AND OTHER ATTACHMENTS		
X C	DESCRIPTION/ SPECS/ WORK STATEMENT	25	X J	LIST OF ATTACHMENTS	45
X D	PACKAGING AND MARKING	26	PART IV - REPRESENTATIONS AND INSTRUCTIONS		
X E	INSPECTION AND ACCEPTANCE	27 - 28	K	REPRESENTATIONS, CERTIFICATIONS AND OTHER STATEMENTS OF OFFERORS	
X F	DELIVERIES OR PERFORMANCE	29 - 30		L	INSTRS, CONDS, AND NOTICES TO OFFERORS
X G	CONTRACT ADMINISTRATION DATA	31 - 32	M	EVALUATION FACTORS FOR AWARD	
X H	SPECIAL CONTRACT REQUIREMENTS	33 - 36			
CONTRACTING OFFICER WILL COMPLETE ITEM 17 OR 18 AS APPLICABLE					
17. (X) CONTRACTOR'S NEGOTIATED AGREEMENT (Contractor is required to sign this document and return 1 copy to issuing office.) Contractor agrees to furnish and deliver all items or perform all the services set forth or otherwise identified above and on any continuation sheets for the consideration stated herein. The rights and obligations of the parties to this contract shall be subject to and governed by the following documents: (a) this award/contract, (b) the solicitation, if any, and (c) such provisions, representations, certifications, and specifications as are attached or incorporated by reference herein. (Attachments are listed herein.)			18. () AWARD (Contractor is not required to sign this document.) Your offer on Solicitation Number _____ including the additions or changes made by you which additions or changes are set forth in full above, is hereby accepted as to the items listed above and on any continuation sheets. This award consummates the contract which consists of the following documents: (a) the Government's solicitation and your offer, and (b) this award/contract. No further contractual document is necessary.		
19A. NAME AND TITLE OF SIGNER (Type or print) T.E STIRTZINGER VP/6M DRS OPTRONICS INC.			20A. NAME AND TITLE OF CONTRACTING OFFICER DAVID R MARR TEL: 703.482.3724 CONTRACTING OFFICER U.S. MC. MIL		
19B. NAME OF CONTRACTOR BY 		19C. DATE SIGNED 29 SEPT 2005	20B. UNITED STATES OF AMERICA BY 		20C. DATE SIGNED SEP 30 2005

NSN 7540-01-152-8069

PREVIOUS EDITION UNUSABLE

26-107
GPO 1985 O - 469-794

STANDARD FORM 26 (REV 4-85)
Prescribed by GSA
FAR (48 CFR) 53.214(a)

Section B - Supplies or Services and Prices

INCORPORATION OF PROPOSAL

The contractor's proposal M67854-05-R-1062 of 29 July 05, as amended in the final proposal revision dated 15 September 05 is hereby incorporated by reference. Where there is a conflict between the proposal and this contract, this contract takes precedence.

MINIMUM AND MAXIMUM PURCHASE

B.1. IDIQ CONTRACT

This is an Indefinite Delivery Indefinite Quantity (IDIQ) contract utilizing Firm Fixed Price Delivery Orders. The period of performance under this contract shall be five (5) years as specified in Section F. Performance shall be made only as authorized by delivery orders issued in accordance with the ordering clause of this contract.

B.2. SUPPLIES/PRICE COSTS

The contractor shall furnish all personnel, facilities, support and management necessary to provide the items specified herein.

B.3. CONTRACT LIMITATIONS

Minimum Contract Order – The Government is obligated to purchase and the Contractor is obligated to provide all products for work as the minimum amount covered by this contract. The guaranteed minimum purchase is 3856 units under a combination of CLINs 0100, 1100, 2100, 3100, 4100, and 5100 for the life of the contract. No minimums are applicable for the remaining CLINs.

Maximum Contract Order – The maximum purchase under this contract is 25,000 units under a combination of CLINs 0100, 1100, 2100, 3100, 4100, and 5100 for the life of the contract. The maximum dollar value of all purchases made under this contract shall not exceed \$660,000,000.

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0100	TBS Tactical Range Thermal Imager FFP TRTI with soft carry case, user manual, (2) battery cassettes, cleaning kit, lens cover, and neck lanyard. Includes shipping in continental USA. First (3) units only for validation and verification testing of Mil-Std-810F certification. Purchase of additional TRTI units is conditioned upon successful testing of the units purchased under this CLIN. FOB: Destination MILSTRIP: M9545005RC54503 ADDITIONAL MARKINGS: SHIPPING INSTRUCTIONS TO BE PROVIDED SEPARATELY	3	Each	(b)(4)	

NET AMT (b)(4)

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0101	Contract Data Requirements Lists FFP CDRLS - Contractor shall provide items described in individual CDRLs contained in Section C, Statement of Work - Not Separately Priced FOB: Destination			NSP	

NET AMT \$0.00

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0200	Miscellaneous Shipping and Handling FFP Used to invoice additional packaging or shipping to destinations not covered under other CLINs. Price TBD at time of performance. FOB: Destination		Each	TBD	
NET AMT					\$0.00

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0300	Replacement Parts FFP Prices for items included in the 0300 series CLINs are located in Attachment 1. The items listed in the 0300 items are replacement and ancillary components for the TBS TRTI. FOB: Destination MILSTRIP: M9545005RC54503 ADDITIONAL MARKINGS: SHIPPING INSTRUCTIONS TO BE PROVIDED SEPARATELY.		Each		
NET AMT					\$0.00

ITEM NO	SUPPLIES/SERVICES	MAX QUANTITY	UNIT	UNIT PRICE	MAX AMOUNT
0301	Tripod FFP See Attachment 1 for price information. FOB: Destination MILSTRIP: M9545005RC54503 ADDITIONAL MARKINGS: SHIPPING INSTRUCTIONS TO BE PROVIDED SEPARATELY		Each	See Attachment 1	

MAX
NET AMT

ITEM NO	SUPPLIES/SERVICES	MAX QUANTITY	UNIT	UNIT PRICE	MAX AMOUNT
0302	Tripod Adapter Nut FFP See Attachment 1 for price information. FOB: Destination MILSTRIP: M9545005RC54503 ADDITIONAL MARKINGS: SHIPPING INSTRUCTIONS TO BE PROVIDED SEPARATELY MFR PART NR: 35-55-277		Each	See Attachment 1	

MAX
NET AMT

ITEM NO	SUPPLIES/SERVICES	MAX QUANTITY	UNIT	UNIT PRICE	MAX AMOUNT
0303	Battery Pack FFP See Attachment 1 for price information. FOB: Destination MILSTRIP: M9545005RC54503 ADDITIONAL MARKINGS: SHIPPING INSTRUCTIONS TO BE PROVIDED SEPARATELY MFR PART NR: 34-50-790-002		Each	See Attachment 1	
					MAX NET AMT

ITEM NO	SUPPLIES/SERVICES	MAX QUANTITY	UNIT	UNIT PRICE	MAX AMOUNT
0304	Neck Strap FFP DC Power Cable and AC Adapter Batteries/Charger. See Attachment 1 for price information. FOB: Destination MILSTRIP: M9545005RC54503 ADDITIONAL MARKINGS: SHIPPING INSTRUCTIONS TO BE PROVIDED SEPARATELY MFR PART NR: 36-05-145		Each	See Attachment 1	
					MAX NET AMT

ITEM NO	SUPPLIES/SERVICES	MAX QUANTITY	UNIT	UNIT PRICE	MAX AMOUNT
0305	Telescope, Standard FFP See Attachment 1 for price information. FOB: Destination MILSTRIP: M9545005RC54503 ADDITIONAL MARKINGS: SHIPPING INSTRUCTIONS TO BE PROVIDED SEPARATELY MFR PART NR: 34-50-323-001		Each	See Attachment 1	

MAX
NET AMT

ITEM NO	SUPPLIES/SERVICES	MAX QUANTITY	UNIT	UNIT PRICE	MAX AMOUNT
0306	Telescope, Long Range FFP See Attachment 1 for price information. FOB: Destination MILSTRIP: M9545005RC54503 ADDITIONAL MARKINGS: SHIPPING INSTRUCTIONS TO BE PROVIDED SEPARATELY		Each	See Attachment 1	

MAX
NET AMT

ITEM NO	SUPPLIES/SERVICES	MAX QUANTITY	UNIT	UNIT PRICE	MAX AMOUNT
0307	External Power/ RS-232 Cap FFP		Each	See Attachment 1	

Includes Lanyard. See Attachment 1 for price information.

FOB: Destination

MILSTRIP: M9545005RC54503

ADDITIONAL MARKINGS: SHIPPING INSTRUCTIONS TO BE PROVIDED
SEPARATELY

MFR PART NR: 10-18-076

MAX
NET AMT

ITEM NO	SUPPLIES/SERVICES	MAX QUANTITY	UNIT	UNIT PRICE	MAX AMOUNT
0308	Video Out Cap FFP		Each	See Attachment 1	

See Attachment 1 for price information.

FOB: Destination

MILSTRIP: M9545005RC54503

ADDITIONAL MARKINGS: SHIPPING INSTRUCTIONS TO BE PROVIDED
SEPARATELY

MFR PART NR: 36-55-496

MAX
NET AMT

ITEM NO	SUPPLIES/SERVICES	MAX QUANTITY	UNIT	UNIT PRICE	MAX AMOUNT
0309	Latch Springs FFP See Attachment 1 for price information. FOB: Destination MILSTRIP: M9545005RC54503 ADDITIONAL MARKINGS: SHIPPING INSTRUCTIONS TO BE PROVIDED SEPARATELY MFR PART NR: 30-05-129-008		Each	See Attachment 1	

MAX
NET AMT

ITEM NO	SUPPLIES/SERVICES	MAX QUANTITY	UNIT	UNIT PRICE	MAX AMOUNT
0310	Battery Pack Latch FFP See Attachment 1 for price information. FOB: Destination MILSTRIP: M9545005RC54503 ADDITIONAL MARKINGS: SHIPPING INSTRUCTIONS TO BE PROVIDED SEPARATELY MFR PART NR: 36-55-499		Each	See Attachment 1	

MAX
NET AMT

ITEM NO	SUPPLIES/SERVICES	MAX QUANTITY	UNIT	UNIT PRICE	MAX AMOUNT
0311	Lens Cap FFP		Each	See Attachment 1	

See Attachment 1 for price information.
 FOB: Destination
 MILSTRIP: M9545005RC54503
 ADDITIONAL MARKINGS: SHIPPING INSTRUCTIONS TO BE PROVIDED SEPARATELY

MAX
NET AMT

ITEM NO	SUPPLIES/SERVICES	MAX QUANTITY	UNIT	UNIT PRICE	MAX AMOUNT
0312	Power Adapter FFP		Each	See Attachment 1	

DC Power Cable and AC Adapter Batteries/Charger. See Attachment 1 for price information.
 FOB: Destination
 MILSTRIP: M9545005RC54503
 ADDITIONAL MARKINGS: SHIPPING INSTRUCTIONS TO BE PROVIDED SEPARATELY

MAX
NET AMT

ITEM NO	SUPPLIES/SERVICES	MAX QUANTITY	UNIT	UNIT PRICE	MAX AMOUNT
0313	Eyeguard Assembly FFP See Attachment 1 for price information. FOB: Destination MILSTRIP: M9545005RC54503 ADDITIONAL MARKINGS: SHIPPING INSTRUCTIONS TO BE PROVIDED SEPARATELY		Each	See Attachment 1	

MAX
NET AMT

ITEM NO	SUPPLIES/SERVICES	MAX QUANTITY	UNIT	UNIT PRICE	MAX AMOUNT
0314	Top Rail Mount FFP See Attachment 1 for price information. FOB: Destination MILSTRIP: M9545005RC54503 ADDITIONAL MARKINGS: SHIPPING INSTRUCTIONS TO BE PROVIDED SEPARATELY		Each	See Attachment 1	

MAX
NET AMT

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0400	Training FFP FOB: Destination				
					<hr/>
NET AMT					\$0.00

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0401	Initial Training Package FFP Two day training course at Camp Lejuene NC. FOB: Destination	1	Each	(b)(4)	
					<hr/>
NET AMT					(b)(4)

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0402	Initial Training Package FFP Two day training course at Camp Pendleton CA FOB: Destination	1	Each	(b)(4)	
					<hr/>
NET AMT					(b)(4)

ITEM NO	SUPPLIES/SERVICES	MAX QUANTITY	UNIT	UNIT PRICE	MAX AMOUNT
0403	Miscellaneous Training FFP Training not covered under CLINs 0401 and 0402 shall be invoiced under this CLIN. Price TBD. FOB: Destination		Each	TBD	
				MAX NET AMT	

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0501 OPTION	Contractor Maintenance Depot Support FFP Contractor to perform assesment of damage and estimate of price to repair for one year from the date of purchase of this CLIN. Price for this CLIN = \$350 per base unit. "Base Unit" total is the number of TRTI units fielded not including floating stock. FOB: Destination		Years		
				NET AMT	\$0.00

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0502	Contractor Maintenance Depot Support		Years		
OPTION	FFP				
	Contractor to perform assesment of damage and estimate of price to repair for one year from the date of purchase of this CLIN. Price for this CLIN (b)(4) per base unit. "Base Unit" total is the number of TRTI units fielded not including floating stock.				
	FOB: Destination				
NET AMT					\$0.00

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0503	Contractor Maintenance Depot Support		Years		
OPTION	FFP				
	Contractor to perform assesment of damage and estimate of price to repair for one year from the date of purchase of this CLIN. Price for this CLIN (b)(4) per base unit. "Base Unit" total is the number of TRTI units fielded not including floating stock.				
	FOB: Destination				
NET AMT					\$0.00

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0504	Contractor Maintenance Depot Support		Years		
OPTION	FFP Contractor to perform assesment of damage and estimate of price to repair for one year from the date of purchase of this CLIN. Price for this CLIN (b)(4) per base unit. "Base Unit" total is the number of TRTI units fielded not including floating stock. FOB: Destination				
NET AMT					\$0.00

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0505	Contractor Maintenance Depot Support		Years		
OPTION	FFP Contractor to perform assesment of damage and estimate of price to repair for one year from the date of purchase of this CLIN. Price for this CLIN (b)(4) per base unit. "Base Unit" total is the number of TRTI units fielded not including floating stock. FOB: Destination				
NET AMT					\$0.00

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0600 OPTION	Maintenance Concept Development FFP Option CLIN for development of Organizational and Intermediate level maintenance. FOB: Destination	1	Lot	(b)(4)	(b)(4)

NET AMT (b)(4)

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0700 OPTION	Interface Control Documentation FFP Interface Design and Requirements Documentation for the TRTI to facilitate TETS utilization. FOB: Destination	1	Lot	(b)(4)	(b)(4)

NET AMT (b)(4)

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0800 OPTION	FTL Demo System FFP Far Target Location Demo System. FOB: Destination	1	Lot	(b)(4)	(b)(4)

NET AMT (b)(4)

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0900 OPTION	TETS / TMDE APS FFP Contractor shall develop all material, programs, software and hardware TETS, and perform associated testing to facilitate the use of TETS with the TRTI. FOB: Destination	1	Lot	(b)(4)	(b)(4)

NET AMT (b)(4)

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0901 OPTION	Technical Manual FFP FOB: Destination	1	Lot	(b)(4)	(b)(4)

NET AMT (b)(4)

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0902 OPTION	Instructional Media Package FFP Includes general plan, scripts, story boards, audio scene data, production plan, prototype video, editing, final video, adjunctive material. FOB: Destination	1	Lot	(b)(4)	(b)(4)

NET AMT (b)(4)

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0903 OPTION	Interactive Electronic Technical Manual FFP FOB: Destination	1	Lot	(b)(4)	(b)(4)

NET AMT (b)(4)

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0904 OPTION	Interactive Course Material FFP FOB: Destination	1	Lot	(b)(4)	(b)(4)

NET AMT (b)(4)

ITEM NO	SUPPLIES/SERVICES	MAX QUANTITY	UNIT	UNIT PRICE	MAX AMOUNT
1100	TBS Tactical Range Thermal Imager FFP TRTI with soft carry case, user manual, (2) battery cassettes, cleaning kit, lens cover, and neck lanyard. Includes shipping in continental USA. FOB: Destination MILSTRIP: M9545005RC54503 PURCHASE REQUEST NUMBER: M9545005RC54503 ADDITIONAL MARKINGS: SHIPPING INSTRUCTIONS TO BE PROVIDED SEPARATELY		Each	(b)(4)	\$0.00
				MAX NET AMT	\$0.00
					\$0.00

ITEM NO	SUPPLIES/SERVICES	MAX QUANTITY	UNIT	UNIT PRICE	MAX AMOUNT
1500	Contractor Maintenance Repair FY05/06 FFP Contractor to repair damaged TRTIs not covered by warranty. Technical assistance, failure analysis, and field service shall be invoiced under this CLIN. Does not include material. FOB: Destination	UNDEFINED	Hours	(b)(4)	UNDEFINED
				MAX NET AMT	UNDEFINED

ITEM NO	SUPPLIES/SERVICES	MAX QUANTITY	UNIT	UNIT PRICE	MAX AMOUNT
2100	TBS Tactical Range Thermal Imager FY07 FFP TRTI with soft carry case, user manual, (2) battery cassettes, cleaning kit, lens cover, and neck lanyard. Includes shipping in continental USA. FOB: Destination MILSTRIP: M9545005RC54503 ADDITIONAL MARKINGS: SHIPPING INSTRUCTIONS TO BE PROVIDED SEPARATELY		Each	See Below	\$0.00
				MAX NET AMT	\$0.00

STEPLADDER PRICING

STEPLADDER NAME	ITEM NO	FROM QUANTITY	TO QUANTITY	UNIT PRICE
FY07 TRTI Prices	2100			(b)(4)

ITEM NO	SUPPLIES/SERVICES	MAX QUANTITY	UNIT	UNIT PRICE	MAX AMOUNT
2500	Contractor Maintenance Repair FY07 FFP Contractor to repair damaged TRTIs not covered by warranty. Technical assistance, failure analysis, and field service shall be invoiced under this CLIN. Does not include material. FOB: Destination	UNDEFINED	Hours	(b)(4)	UNDEFINED
				MAX NET AMT	UNDEFINED

ITEM NO	SUPPLIES/SERVICES	MAX QUANTITY	UNIT	UNIT PRICE	MAX AMOUNT
3100	TBS Tactical Range Thermal Imager FY08 FFP TRTI with soft carry case, user manual, (2) battery cassettes, cleaning kit, lens cover, and neck lanyard. Includes shipping in continental USA. FOB: Destination MILSTRIP: M9545005RC54503 ADDITIONAL MARKINGS: SHIPPING INSTRUCTIONS TO BE PROVIDED SEPARATELY		Each	See Below	\$0.00

MAX NET AMT	\$0.00
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STEPLADDER PRICING

STEPLADDER NAME	ITEM NO	FROM QUANTITY	TO QUANTITY	UNIT PRICE
FY08 TRTI Prices	3100			



ITEM NO	SUPPLIES/SERVICES	MAX QUANTITY	UNIT	UNIT PRICE	MAX AMOUNT
3500	Contractor Maintenance Repair FY08 FFP Contractor to repair damaged TRTIs not covered by warranty. Technical assistance, failure analysis, and field service shall be invoiced under this CLIN. Does not include material. FOB: Destination	UNDEFINED	Hours	(b)(4)	UNDEFINED
				MAX NET AMT	UNDEFINED

ITEM NO	SUPPLIES/SERVICES	MAX QUANTITY	UNIT	UNIT PRICE	MAX AMOUNT
4100	TBS Tactical Range Thermal Imager FY09 FFP TRTI with soft carry case, user manual, (2) battery cassettes, cleaning kit, lens cover, and neck lanyard. Includes shipping in continental USA. FOB: Destination MILSTRIP: M9545005RC54503 ADDITIONAL MARKINGS: SHIPPING INSTRUCTIONS TO BE PROVIDED SEPARATELY		Each	See Below	\$0.00
				MAX NET AMT	\$0.00

STEPLADDER PRICING

STEPLADDER NAME	ITEM NO	FROM QUANTITY	TO QUANTITY	UNIT PRICE
FY09 TRTI Prices	4100	(b)(4)		

ITEM NO	SUPPLIES/SERVICES	MAX QUANTITY	UNIT	UNIT PRICE	MAX AMOUNT
4500	Contractor Maintenance Repair FY09 FFP Contractor to repair damaged TRTIs not covered by warranty. Technical assistance, failure analysis, and field service shall be invoiced under this CLIN. Does not include material. FOB: Destination	UNDEFINED	Hours	(b)(4)	UNDEFINED

MAX NET AMT: UNDEFINED

ITEM NO	SUPPLIES/SERVICES	MAX QUANTITY	UNIT	UNIT PRICE	MAX AMOUNT
5100	TBS Tactical Range Thermal Imager FY10 FFP TRTI with soft carry case, user manual, (2) battery cassettes, cleaning kit, lens cover, and neck lanyard. Includes shipping in continental USA. FOB: Destination MILSTRIP: M9545005RC54503 ADDITIONAL MARKINGS: SHIPPING INSTRUCTIONS TO BE PROVIDED SEPARATELY		Each	See Below	\$0.00

MAX NET AMT: \$0.00

STEPLADDER PRICING

STEPLADDER NAME	ITEM NO	FROM QUANTITY	TO QUANTITY	UNIT PRICE
FY10 TRTI Prices	5100			



(b)(4)

ITEM NO	SUPPLIES/SERVICES	MAX QUANTITY	UNIT	UNIT PRICE	MAX AMOUNT
5500	Contractor Maintenance Repair FY10 FFP Contractor to repair damaged TRTIs not covered by warranty. Technical assisance, failure anaylsis, and field service shall be invoiced under this CLIN. Does not include material. FOB: Destination	UNDEFINED	Hours	(b)(4)	UNDEFINED
				MAX NET AMT	UNDEFINED

Section C - Descriptions and Specifications

CLAUSES INCORPORATED BY FULL TEXT

The contractor shall manufacture and deliver Thermal Binocular/Biocular System, Tactical Range Thermal Imager units in accordance with the performance specification in Attachment 2, provide all information required in Attachment 3, and perform all requirements specified in the Statement of Work, Attachment 4.

Section D - Packaging and Marking

D.1. PREPARATION FOR SHIPMENT

Packaging and marking of all deliverables shall be in accordance with the best commercial practice necessary to ensure safe and timely delivery at destination. As guidance, MILSTD 129 may be used. Individual delivery orders may provide specific instructions.

All reports shall prominently show on the cover of the report:

Name and business address of the contractor;
Contract Number;
Delivery Order Number;
Date of Deliverable; and,
Receiving Party (e.g., requesting customer and Project Officer).

D.2. DATA DELIVERABLES

All data and correspondence submitted to the Contracting Officer or the Project Officer shall reference the contract number, delivery order number and the name(s) of the Contracting Officer and/or Project Officer as appropriate. A copy of all Correspondence sent to the Project Officer shall be provided to the Contracting Officer.

Deliverables provided in electronic format shall comply with the accepted standards (e.g., applications, platforms, database formats, and engineering tools) in use by the Infantry Weapons Systems Directorate at the time of performance, unless otherwise directed by the Project Officer. See the individual Delivery Orders for specific instructions, if any, regarding deliverables.

D.3. PROHIBITED PACKING MATERIALS

The use of asbestos, excelsior, newspaper or shredded paper (all types including waxed paper, computer paper and similar hygroscopic or non-neutral material) is prohibited. In addition, loose fill polystyrene is prohibited for shipboard use.

D.4. UNIQUE IDENTIFICATION

The Contractor shall provide Unique Identification (UID) markings for all items ordered under CLINs 0100, 1100, 2100, 3100, 4100, and 5100 in accordance with MIL-STD-130L. The UID markings shall be placed adjacent to the serial number. The two-dimensional UID data matrix shall be machine-readable with common Optical scanning devices. The data matrix shall not exceed ½ X ½ inch.

CLAUSES INCORPORATED BY REFERENCE

252.211-7003

Item Identification and Valuation

JUN 2005

Section E - Inspection and Acceptance**INSPECTION AND ACCEPTANCE TERM****E.1. 52.246-2 Inspection of Supplies – Firm Fixed Price**

AUG 1996

E.2. INSPECTION AND ACCEPTANCE TERMS

Unless otherwise specified in the individual delivery orders issued hereunder, inspection and acceptance of all work performed and/or delivered under this contract shall be accomplished at destination by the Contracting Officer Representative (COR) or his duly appointed representative.

Inspection and Acceptance of contract deliverables are the responsibility of the COR or his duly authorized representative(s). Moreover, the COR serves in a supporting role to the Contracting Officer, providing advice and expertise on technical issues. However, only the Contracting Officer has authority to authorize deviations from the terms and conditions of this contract. In the event the contractor does deviate without written approval of the Contracting Officer, such deviations shall be at the risk of, and any cost relating thereto, shall be borne by the contractor.

E.3. BASIS FOR ACCEPTANCE

The basis for acceptance shall be compliant with the requirements set forth in the terms and conditions of the contract, and individual delivery orders. Deliverable items rejected under the resulting contract shall be corrected in accordance with FAR Clause 52.246-2.

The Government requires a period not to exceed 30 days after receipt of final deliverable items for inspection and acceptance, or rejection, unless otherwise specified in individual task order.

E.4. FINAL INSPECTION / ACCEPTANCE

Final inspection and acceptance of all work, performance, reports, and other deliverables under this contract shall be accomplished at the location specified in the individual delivery orders. The Project Officer, Mr. Steven Nye of Marine Corps Systems Command (703) 432-3583, shall be responsible for inspection and acceptance, unless otherwise stipulated.

E.5. ACCESS TO RECORDS, DATA AND FACILITIES

The Contractor shall permit Government representative access at any reasonable time to all records, data, and facilities. As used in this clause, records include books, documents, accounting procedures and practices, and other data, regardless of type and regardless of form. This does not require the contractor to create or maintain any record that the contractor does not maintain in the ordinary course of business or pursuant to a provision of law.

CLAUSES INCORPORATED BY REFERENCE

52.246-2	Inspection Of Supplies--Fixed Price	AUG 1996
52.246-2 Alt I	Inspection Of Supplies Fixed Price (Aug 1996) - Alternate I	JUL 1985
52.246-2 Alt II	Inspection Of Supplies--Fixed Price (Aug 1996) - Alternate II	JUL 1985
52.246-4	Inspection Of Services--Fixed Price	AUG 1996
52.246-6 Alt I	Inspection--Time And Material And Labor Hour (May 2001) - Alternate I	APR 1984
52.246-15	Certificate of Conformance	APR 1984
52.246-16	Responsibility For Supplies	APR 1984
252.246-7000	Material Inspection And Receiving Report	MAR 2003

Section F - Deliveries or Performance

F.1 52.252-2 CLAUSE 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 address:

<http://www.arnet.gov/far/> or <http://arsite.bill.af.mil/>

Federal Acquisition Regulation (48 CFR Chapter 1) (Clauses/Provisions):

52.242-15	Stop-Work Order	AUG 1989
52.247-34	F.O.B. Destination	NOV 1991

F.2. PLACE OF PERFORMANCE

Unless otherwise specified in individual delivery orders, the principal place of performance for all work will be at the Contractor's facility.

F.3. PERIOD OF PERFORMANCE (ORDERING PERIOD)

The period of performance for this contract will be five (5) calendar years beginning on the effective date of the contract.

F.4. PLACE OF DELIVERY

The time and place of delivery for goods and services provided under this contract shall be set forth in individual orders issued in accordance with paragraph H.3. of the contract.

F.5. PRODUCTION / DELIVERY SCHEDULE

The contractor shall deliver three TRT1 units under CLIN 0100 for verification and validation testing in accordance with Mil-Std-810F by 31 Oct 05. These units shall contain all changes specified in the DRS Final Proposal Revision of 15 Sep 05 except the "video in" connection. Based on Government approval of the tested units not later than 15 Nov 05, the contractor shall deliver TRT1 units under CLIN 1100 in accordance with the following schedule:

<u>Units</u>	<u>Deliver by date</u>
--------------	------------------------

(b)(4)

	31 July 06
	31 Aug 06
	30 Sep 06
	31 Oct 06
	30 Nov 06
	31 Dec 06
	31 Jan 07
	28 Feb 07
	31 Mar 07
	30 Apr 07
	31 May 07
	30 Jun 07

Appropriation and accounting information for these items shall be included in the initial delivery order.

In the event the three items purchased under CLIN 0100 and tested by the Government fail to pass the Mil-Std-810F testing, the contractor shall have the opportunity to rectify the problems causing the failures at no additional charge to the Government. If, after giving the contractor reasonable opportunity to correct any deficiencies, the items continue to fail the Mil-Std-810F tests, the Government is released from its obligation to purchase the minimum amounts under this contract.

CLAUSES INCORPORATED BY REFERENCE

52.242-15	Stop-Work Order	AUG 1989
52.242-17	Government Delay Of Work	APR 1984
52.247-34	F.O.B. Destination	NOV 1991

CLAUSES INCORPORATED BY FULL TEXT

52.211-16 VARIATION IN QUANTITY (APR 1984)

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

(b) The permissible variation shall be limited to:

10 Percent increase

2 Percent decrease

This increase or decrease shall apply to total dollar values on a given delivery not to exceed \$250.

(End of clause)

52.211-17 DELIVERY OF EXCESS QUANTITIES (SEP 1989)

The Contractor is responsible for the delivery of each item quantity within allowable variations, if any. If the Contractor delivers and the Government receives quantities of any item in excess of the quantity called for (after considering any allowable variation in quantity), such excess quantities will be treated as being delivered for the convenience of the Contractor. The Government may retain such excess quantities up to \$250 in value without compensating the Contractor therefor, and the Contractor waives all right, title, or interests therein. Quantities in excess of \$250 will, at the option of the Government, either be returned at the Contractor's expense or retained and paid for by the Government at the contract unit price.

Section G - Contract Administration Data

Accounting and appropriation data will be provided in individual delivery orders.

CLAUSES INCORPORATED BY REFERENCE

52.232-32	Performance-Based Payments	FEB 2002
252.242-7000	Postaward Conference	DEC 1991

CLAUSES INCORPORATED BY FULL TEXT

In compliance with DFARS 252.232-7003, "Electronic Submission of Payment Requests (March 2003)," the United States Marine Corps (USMC) utilizes WAWF-RA to electronically process vendor requests for payment. The contractor is required to utilize this system when processing invoices and receiving reports under this contract - unless the provision at DFARS 252.232-7003(c) applies. The contractor shall (i) register to use WAWF-RA at <<https://rmb.ogden.disa.mil>> and (ii) ensure an Electronic Business Point of Contact is designated in the Central Contractor Registration at <<http://www.ccr.gov>>, within ten (10) days after award of the contract or modification incorporating WAWF-RA into the contract.

The contractor is directed to use the "Combo" format when processing invoices for supplies. For all requirements, the contractor shall use the Marine Corps Systems Command DODAAC M67854 and applicable extension [PG13](i.e., M67854PG13) as the DODAAC for all shipping addresses.

The Marine Corps Systems Command WAWF points of contact are Mr. Barry Oglesby, barry.oglesby@usmc.mil, Mr. Scott Fields, scott.fields@usmc.mil, or the Help Desk at CACI/UNITECH, 703-221-6911.

The WAWF-RA point of contact for this order/contract is **Major Richard Hollen** and can be reached at (703)-432-3568 and e-mail richard.hollen@usmc.mil.

Data entry information for WAWF:

Payment Office DoDAAC: HQ0338

Issue By DoDAAC: M67854

Admin Office DoDAAC: S1002A

Ship to Supply: M67854 (unless otherwise specified on individual delivery orders)

Service Acceptor DoDAAC: M67854 Extension PG13

Contract Number: M67854-05-D-1062

Additional email notification of invoices:

PCO: richard.hollen@usmc.mil

Project Officer: steven.nyc@usmc.mil

Asst Project Officer: mberry@columbiaresearch.com

ACO: Kenneth.Dobbs@dcma.mil

Logistics Manager: joseph.bernardon@usmc.mil

Section H - Special Contract Requirements

CONTRACT REQUIREMENTS

H.1. CONTRACTING OFFICE POINT OF CONTACT

NOTE: DRS Optronics proposal M67854-05-R-1062 with revision 15 September 2005 is hereby incorporated by reference into this contract. Where there is a conflict between the proposal and this contract, this contract shall take precedence.

The contracting office point of contact for this procurement is:

Commanding General
ATTN: IWS, Major Richard Hollen
Marine Corps Systems Command
2200 Lester Street
Quantico, VA 22134-5010
Telephone: (703) 432-3568
FAX: (703) 432-3526
Email: richard.hollen@usmc.mil

H.2. PROJECT OFFICER

The Contracting Officer shall designate a Project Officer to assist in monitoring the work under this contract. The PROJECT OFFICER is responsible for the technical administration of the contract and technical liaison with the contractor. The PROJECT OFFICER is **NOT** authorized to change the scope of work or specifications as stated in the contract, to make any commitments or otherwise obligate the Government or authorize any changes which affect the contract price, delivery schedule, period of performance, or other terms or conditions.

The Contracting Officer is the only individual who can legally commit or obligate the Government for the expenditure of public funds. The technical administration of this contract shall not be construed to authorize the revision of the terms and conditions of this contract. The Contracting Officer shall authorize any such revision, in writing. The PROJECT OFFICER for this contract is:

Commanding General
ATTN: IWS, Mr. Steven Nye
Marine Corps Systems Command
2200 Lester Street
Quantico, VA 22134-5010
Telephone: (703) 432-3583
FAX: (703) 432-3526
Email: steven.nye@usmc.mil

H.3. ISSUANCE OF DELIVERY ORDERS

Firm Fixed Price Delivery Orders shall be priced in accordance with the prices as shown in Section B. Each delivery order will contain, among other information, the date of the order, the order number, the exact quantity of units to be delivered, delivery or performance, place of delivery, any special shipping instructions, pricing, and accounting and appropriation data. The unit price of each delivery order will be determined by the number of units ordered on a given delivery order. Individual orders will be issued using the single price for the increment that corresponds to the total quantity being purchased on that order. Quantities specified in individual delivery orders may be modified prior to final delivery of items purchased under a particular delivery order, in which case additional quantities will be purchased at the price previously established by that delivery order. For pricing purposes, quantities are not cumulative from order to order. Delivery orders incorporate all clauses of this contract.

H.4. WARRANTY AND NON-WARRANTY REPAIRS

Repair:

Any repair to the TBS TRTI other than replacement of external items must be done by the Contractor at the contractor's facility.

Warranty and Non-Warranty Repairs:

The Government shall be entitled to the repair or replacement (at the Contractor's discretion) of the TBS TRTI if it should fail due to defects in material or workmanship during normal use. This warranty specifically applies to the optical system. The contractor warrants TBS TRTI for 2 years from the date of original manufacture if the system is in use and for 5 years from the date of original manufacture if the system is continually stored (shelf life). Defective or broken units shall be returned to the Contractor at Government expense. Repaired or replacement units shall be shipped in accordance with the packaging, marking, and delivery terms and conditions of this contract, to the destination specified by the Government, at the Contractor's expense. The inspection and acceptance clauses of this contract apply to units received as a result of warranty claims.

When determining if a returned TBS TRTI is covered by warranty, the returned unit shall be jointly inspected by the contractor and the Government. The Government representative may be a DCMA agent or other Government official appointed by the Contracting Officer or Project Officer.

H.5. ORGANIZATIONAL CONFLICT OF INTEREST

A. The Contractor understands and agrees that the Department of Defense will not consider it, its successors, or assignees (hereinafter referred to as the Contractor, as a source of supply for any system or major component thereof, or training related thereto, for which the Contractor provides technical support and management assistance under the contract. The Contractor further understands and agrees that it will not be allowed to be a subcontractor or consultant to a supplier of a system or any major components thereof, or training related thereto, for which the Contractor provides technical support and management assistance under this contract.

B. If, under this contract, the Contractor assists the Department of Defense in the preparation of a Statement of Work, or provides material leading directly, predictably, and without delay to a Statement of Work, to be used in the competitive procurement of a system or services, the Contractor understands and agrees that for the period from effective date of contract through 1 year after contract completion it shall not be allowed to supply the services or the system or major components thereof, unless it is the sole source. The content of a Statement of Work shall not be considered predictable if more than one prime Contractor is involved in the preparation of material leading to it.

C. The Contractor hereby understands and agrees that if work to be performed under this contract requires access to proprietary data of other companies, the Contractor must agree with such other companies to protect such data from unauthorized use or disclosure so long as it remains proprietary. Evidence of such agreement must be made available to the PCO upon request. Further, the Contractor agrees that it will not utilize the data obtained from such other companies in performing for the Department of Defense additional studies in the same field, which are obtained competitively.

D. Upon receipt of a delivery order issued under the provisions of this contract, the Contractor shall conduct a review of actual or potential Organization Conflict of Interest (OC of I) as defined in and within the meaning of FAR Subpart 9.5. If in the opinion of the Contractor the performance of a task directed under this contract will involve an actual or potential OC of I, the Contractor shall notify the Contracting Officer and provide justification in support of its opinion. The Contracting Officer will thereupon determine whether in fact the task does involve an OC of I. If the Contracting Officer determined that an OC of I is involved, the Contractor shall not perform said task unless the parties agree that the restrictions imposed by FAR Subpart 9.5 apply.

- E. Any subcontractor, which performs any work relative to this contract, shall be subject to paragraphs A through D above.
- F. The Contractor agrees to notify any subcontractor, which, pursuant to paragraph E above, is subject to paragraphs A through D above that it is so subject.
- G. The Government may waive the prohibitions imposed by this clause.

CLAUSES INCORPORATED BY FULL TEXT

Orders - IOC MC 5252.216-9652 (JUN 1985)

(a) **GENERAL.** Orders for supplies, services or work described herein may be issued by the Contracting Officer in accordance with requirements determined by the applicable Contracting Officer's Representative, at any time during the effective term of this contract. The Contracting Officer shall be responsible for assuring that the requirements of DFARS 215.804 are met. Except as otherwise provided in a specific Delivery Order, the Contractor shall furnish all materials and services necessary to accomplish the work specified within each Delivery Order hereunder. The provisions of this agreement apply to all Delivery Orders issued hereunder and to the extent that any inconsistency between Delivery Orders and this contract might take place, the contract shall take precedence. The Contractor agrees to accept and perform Delivery Orders negotiated with and issued by the Contracting Officer within the scope of this contract during its term.

(b) **ORDERING.** Delivery Orders and modifications thereto shall be made in writing by the Contracting Officer. Each Delivery Order shall:

1. Be issued on a DD Form 1155 (Standard Form 30 for modifications);
2. Be identified in number in accordance with Part 4, Subpart 4.70 of Defense Federal Acquisition Regulation Supplement (DFARS);
3. Incorporate by reference the terms and conditions of this contract;
4. Set forth detailed specifications or requirements for the supplies or services being ordered with reference to the appropriate item under Section B of this agreement;
5. Set forth quantities being ordered, including any ADPE (IAW FIRMR Guidance), Reproduction or Artwork, or other materials, and costs associated therewith;
6. Set forth preservation, packaging, and packaging instructions, as needed;
7. Set forth desired or negotiated delivery or performance dates;
8. Set forth consignment and marking instructions for supplies being ordered, to the extent they are known at the time an order is issued;
9. Designate the place(s) and set forth the method of inspection and approval periods for designated phases of work, if applicable, pursuant to Section E hereof;
10. Set forth the number of hours, by labor category, negotiated to perform the effort and the total price for those hours. This price plus prices negotiated for Other Direct Costs shall constitute the total price of the Delivery Order;
11. Set forth any property, material, or facilities to be furnished by the Government;
12. Set forth appropriations and accounting data for the work being ordered;
13. Set forth detailed provisions for the amount and time frame associated with any discount associated with prompt payment;
14. Cite the appropriate authority for using other than full and open competition;
15. Set forth instructions for "DELIVERABLES" as set forth in each Delivery Order;
16. Designate a Government point of contact in each Delivery Order;

17. Be signed by the Contractor and the Contracting Officer, in the case of a Bilateral Priced Order, or by the Contracting Officer, in the case of a Unilateral Unpriced Order. The original Unilateral Unpriced Order shall be signed by the Contracting Officer and a copy furnished to the Contractor. As provided in paragraph (d) below, each Unilateral Unpriced Order shall be considered a binding contract, upon issuance by the Contracting Officer.

(c) BILATERAL PRICED ORDERS. Within thirty (30) days of receipt of a Request for Quotation (RFQ) from the Government, the Contractor shall submit, to the Contracting Officer, a technical and a cost proposal for accomplishing the work specified. Cost proposals shall include the following: hourly rates, labor hours, and other direct costs. Provided an audit is not required, within ten (10) working days of submission of the Contractor's proposal and supporting cost and pricing data, the Contractor and the Contracting Officer shall negotiate an agreement for the price and the delivery schedule of an appropriate Delivery Order. If an audit is required, pursuant to FAR & DFARS 15.805, the parties shall negotiate such agreement within ten (10) working days after receipt of said DCAA audit report by the Contracting Officer. The negotiated price and delivery schedule shall be specified in a Bilateral Priced Order. Upon receipt of a signed copy of the Bilateral Priced Order, the Contractor shall commence the work specified therein. Except as otherwise provided in paragraph (d) below, the Contractor shall not begin work on a Delivery Order until a Bilateral Priced Order is issued by the Contracting Officer. In submitting price proposals, rates shall not exceed the rates established in Section B.

(d) UNLATERAL UNPRICED ORDERS. When the Government determines that the need for specific supplies or services is unusually urgent or the extent and probable cost of the required work cannot be determined at the time the order must be issued in order to meet delivery requirements, the Contracting Officer may issue a Unilateral Unpriced Order requiring the Contractor to proceed with the performance of work specified therein. The Unilateral Unpriced Order shall specify an estimated price and desired delivery schedule for the work being ordered. The Government's desired delivery schedule shall apply unless the Contracting Officer receives a written notification from the contractor, within fifteen (15) days after receipt of the order, that the proposed delivery schedule is not acceptable. Such a notification shall propose an alternative delivery schedule for the work requested. The Contractor shall be obligated to meet this proposed schedule unless superseded by modifications established in a bilateral agreement.

The estimated price proposed by the Unilateral Unpriced Order shall limit the Government's obligation to pay for the work ordered until a price and delivery schedule can be negotiated by the Contractor and the Contracting Officer. The Contractor shall submit a price and technical proposal for the work ordered within 30 days after the receipt of the order. In no event shall the costs incurred exceed forty (40) percent of the estimated price of the order before these proposals are submitted. The Contractor shall include a statement of costs incurred and an estimate of the costs expected to complete the work in his proposal. Data supporting the accuracy and reliability of the cost estimate should also be included. After submission of the Contractor's technical and price proposal, with supporting data, the Contractor and the Contracting Officer, shall negotiate an agreement for the finalized price and delivery schedule, which will be specified in a bilateral modification to the original order. Failure of the Contractor and the Contracting Officer to agree on the price and/or delivery schedule shall be considered a dispute concerning a question of fact as described in the "Disputes" clause of this Agreement. If a price is not negotiated within sixty (60) days after submission of the Contractor's price proposal and supporting data, the Contracting Officer may issue a modification to the Unilateral Unpriced Order which establishes labor categories to be utilized for purposes of billing that will remain in effect until a price is established in accordance with billing categories set forth in the modification to the order for the items delivered. The Government will make payment for these, less appropriate withholdings, in accordance with the terms and conditions of this contract. In submitting price proposals, rates shall not exceed the rates establish in Section B.

(e) Cost and Pricing Data. Whenever cost or pricing data are required in accordance with FAR & DFARS 15.804, the Contractor shall submit a signed Standard Form 1411 (Contract Pricing Proposal Cover Sheet). When the Certificate of Cost or Pricing Data is required in accordance with FAR & DFARS 15.804-4, the Contractor shall submit the certificate set forth in FAR 15.804-4.

(f) Funding Of Orders. Each order (Priced or Unpriced) will be individually funded. The Appropriation and accounting data required to obligate funds will be included in each priced or unpriced order.

Section I - Contract Clauses

CLAUSES INCORPORATED BY REFERENCE

52.203-3	Gratuities	APR 1984
52.203-5	Covenant Against Contingent Fees	APR 1984
52.203-6	Restrictions On Subcontractor Sales To The Government	JUL 1995
52.203-6 Alt I	Restrictions On Subcontractor Sales To The Government (Jul 1995) -- Alternate I	OCT 1995
52.203-7	Anti-Kickback Procedures	JUL 1995
52.203-8	Cancellation, Rescission, and Recovery of Funds for Illegal or Improper Activity	JAN 1997
52.203-10	Price Or Fee Adjustment For Illegal Or Improper Activity	JAN 1997
52.203-12	Limitation On Payments To Influence Certain Federal Transactions	JUN 2003
52.204-4	Printed or Copied Double-Sided on Recycled Paper	AUG 2000
52.209-4	First Article Approval--Government Testing	SEP 1989
52.209-6	Protecting the Government's Interest When Subcontracting With Contractors Debarred, Suspended, or Proposed for Debarment	JAN 2005
52.211-5	Material Requirements	AUG 2000
52.211-15	Defense Priority And Allocation Requirements	SEP 1990
52.212-4	Contract Terms and Conditions--Commercial Items	OCT 2003
52.213-1	Fast Payment Procedure	FEB 1998
52.215-2	Audit and Records--Negotiation	JUN 1999
52.215-8	Order of Precedence--Uniform Contract Format	OCT 1997
52.215-9	Changes or Additions to Make-or-Buy Program	OCT 1997
52.215-10	Price Reduction for Defective Cost or Pricing Data	OCT 1997
52.215-11	Price Reduction for Defective Cost or Pricing Data--Modifications	OCT 1997
52.215-12	Subcontractor Cost or Pricing Data	OCT 1997
52.215-13	Subcontractor Cost or Pricing Data--Modifications	OCT 1997
52.215-14	Integrity of Unit Prices	OCT 1997
52.215-17	Waiver of Facilities Capital Cost of Money	OCT 1997
52.215-19	Notification of Ownership Changes	OCT 1997
52.215-21	Requirements for Cost or Pricing Data or Information Other Than Cost or Pricing Data--Modifications	OCT 1997
52.216-2	Economic Price Adjustment - Standard Supplies	JAN 1997
52.216-4	Economic Price Adjustment-Labor and Material	JAN 1997
52.216-7	Allowable Cost And Payment	DEC 2002
52.216-18	Ordering	OCT 1995
52.216-19	Order Limitations.	OCT 1995
52.216-22	Indefinite Quantity	OCT 1995
52.217-6	Option For Increased Quantity	MAR 1989
52.219-8	Utilization of Small Business Concerns	MAY 2004
52.219-9	Small Business Subcontracting Plan	JUL 2005
52.219-14	Limitations On Subcontracting	DEC 1996
52.219-16	Liquidated Damages-Subcontracting Plan	JAN 1999
52.219-23	Notice of Price Evaluation Adjustment for Small Disadvantaged Business Concerns	JUL 2005
52.222-1	Notice To The Government Of Labor Disputes	FEB 1997
52.222-3	Convict Labor	JUN 2003
52.222-19	Child Labor -- Cooperation with Authorities and Remedies	JUN 2004

52.222-20	Walsh-Healey Public Contracts Act	DEC 1996
52.222-21	Prohibition Of Segregated Facilities	FEB 1999
52.222-26	Equal Opportunity	APR 2002
52.222-29	Notification Of Visa Denial	JUN 2003
52.222-35	Equal Opportunity For Special Disabled Veterans, Veterans of the Vietnam Era, and Other Eligible Veterans	DEC 2001
52.222-36	Affirmative Action For Workers With Disabilities	JUN 1998
52.222-37	Employment Reports On Special Disabled Veterans, Veterans Of The Vietnam Era, and Other Eligible Veterans	DEC 2001
52.222-39	Notification of Employee Rights Concerning Payment of Union Dues or Fees	DEC 2004
52.222-43	Fair Labor Standards Act And Service Contract Act - Price Adjustment (Multiple Year And Option)	MAY 1989
52.222-44	Fair Labor Standards And Service Contract Act - Price Adjustment	FEB 2002
52.223-3	Hazardous Material Identification And Material Safety Data	JAN 1997
52.223-5	Pollution Prevention and Right-to-Know Information	AUG 2003
52.223-10	Waste Reduction Program	AUG 2000
52.223-11	Ozone-Depleting Substances	MAY 2001
52.223-14	Toxic Chemical Release Reporting	AUG 2003
52.224-1	Privacy Act Notification	APR 1984
52.224-2	Privacy Act	APR 1984
52.225-14	Inconsistency Between English Version And Translation Of Contract	FEB 2000
52.227-1	Authorization and Consent	JUL 1995
52.227-2	Notice And Assistance Regarding Patent And Copyright Infringement	AUG 1996
52.227-3	Patent Indemnity	APR 1984
52.227-9	Refund Of Royalties	APR 1984
52.227-10	Filing Of Patent Applications--Classified Subject Matter	APR 1984
52.227-14	Rights in Data--General	JUN 1987
52.227-17	Rights In Data--Special Works	JUN 1987
52.227-18	Rights in Data--Existing Works	JUN 1987
52.228-2	Additional Bond Security	OCT 1997
52.228-3	Worker's Compensation Insurance (Defense Base Act)	APR 1984
52.228-4	Workers' Compensation and War-Hazard Insurance Overseas	APR 1984
52.229-3	Federal, State And Local Taxes	APR 2003
52.229-4	Federal, State, And Local Taxes (State and Local Adjustments)	APR 2003
52.230-2	Cost Accounting Standards	APR 1998
52.230-3	Disclosure And Consistency Of Cost Accounting Practices	APR 1998
52.230-4	Consistency In Cost Accounting Practices	AUG 1992
52.232-1	Payments	APR 1984
52.232-7	Payments Under Time-And-Materials And Labor Hour Contracts	DEC 2002
52.232-8	Discounts For Prompt Payment	FEB 2002
52.232-17	Interest	JUN 1996
52.232-18	Availability Of Funds	APR 1984
52.232-23	Assignment Of Claims	JAN 1986
52.232-29	Terms for Financing of Purchases of Commercial Items	FEB 2002
52.232-33	Payment by Electronic Funds Transfer--Central Contractor Registration	OCT 2003
52.233-1	Disputes	JUL 2002
52.233-3	Protest After Award	AUG 1996

52.233-3 Alt I	Protest After Award (Aug 1996) - Alternate I	JUN 1985
52.233-4	Applicable Law for Breach of Contract Claim	OCT 2004
52.234-1	Industrial Resources Developed Under Defense Production Act Title III	DEC 1994
52.236-5	Material and Workmanship	APR 1984
52.236-7	Permits and Responsibilities	NOV 1991
52.237-8	Restriction on Severance Payments to Foreign Nationals	AUG 2003
52.237-9	Waiver of Limitation on Severance Payments to Foreign Nationals	AUG 2003
52.239-1	Privacy or Security Safeguards	AUG 1996
52.242-1	Notice of Intent to Disallow Costs	APR 1984
52.242-2	Production Progress Reports	APR 1991
52.242-12	Report of Shipment (REPSHIP)	JUN 2003
52.242-13	Bankruptcy	JUL 1995
52.243-1	Changes--Fixed Price	AUG 1987
52.243-3	Changes--Time-And-Material Or Labor-Hours	SEP 2000
52.243-5	Changes and Changed Conditions	APR 1984
52.243-6	Change Order Accounting	APR 1984
52.244-5	Competition In Subcontracting	DEC 1996
52.245-18	Special Test Equipment	FEB 1993
52.246-1	Contractor Inspection Requirements	APR 1984
52.246-19 Alt I	Warranty Of Systems & Equipment Under Performance Specifications Or Design Criteria (May 2001) - Alternate I	APR 1984
52.246-23	Limitation Of Liability	FEB 1997
52.246-24	Limitation Of Liability--High-Value Items	FEB 1997
52.246-25	Limitation Of Liability--Services	FEB 1997
52.247-63	Preference For U.S. Flag Air Carriers	JUN 2003
52.249-1	Termination For Convenience Of The Government (Fixed Price) (Short Form)	APR 1984
52.249-8	Default (Fixed-Price Supply & Service)	APR 1984
52.249-14	Excusable Delays	APR 1984
52.250-1	Indemnification Under Public Law 85-804	APR 1984
52.251-1	Government Supply Sources	APR 1984
52.253-1	Computer Generated Forms	JAN 1991
252.201-7000	Contracting Officer's Representative	DEC 1991
252.203-7002	Display Of DOD Hotline Poster	DEC 1991
252.204-7000	Disclosure Of Information	DEC 1991
252.204-7002	Payment For Subline Items Not Separately Priced	DEC 1991
252.204-7003	Control Of Government Personnel Work Product	APR 1992
252.204-7004 Alt A	Central Contractor Registration (52.204-7) Alternate A	NOV 2003
252.205-7000	Provision Of Information To Cooperative Agreement Holders	DEC 1991
252.209-7004	Subcontracting With Firms That Are Owned or Controlled By The Government of a Terrorist Country	MAR 1998
252.211-7003	Item Identification and Valuation	JUN 2005
252.219-7003	Small, Small Disadvantaged and Women-Owned Small Business Subcontracting Plan (DOD Contracts)	APR 1996
252.219-7004	Small, Small Disadvantaged Women-Owned Business Subcontracting Plan (Test Program)	JUN 1997
252.219-7011	Notification to Delay Performance	JUN 1998
252.223-7004	Drug Free Work Force	SEP 1988
252.223-7006	Prohibition On Storage And Disposal Of Toxic And Hazardous Materials	APR 1993
252.225-7001	Buy American Act And Balance Of Payments Program	JUN 2005
252.225-7002	Qualifying Country Sources As Subcontractors	APR 2003

252.225-7012	Preference For Certain Domestic Commodities	JUN 2004
252.225-7013	Duty-Free Entry	JUN 2005
252.225-7016	Restriction On Acquisition Of Ball and Roller Bearings	JUN 2005
252.225-7016 Alt 1	Restriction on Acquisition of Ball and Roller Bearings (Jun 2005) Alternate I	APR 2003
252.227-7015	Technical Data--Commercial Items	NOV 1995
252.227-7016	Rights in Bid or Proposal Information	JUN 1995
252.227-7019	Validation of Asserted Restrictions--Computer Software	JUN 1995
252.227-7025	Limitations on the Use or Disclosure of Government-Furnished Information Marked with Restrictive Legends	JUN 1995
252.227-7027	Deferred Ordering Of Technical Data Or Computer Software	APR 1988
252.227-7030	Technical Data--Withholding Of Payment	MAR 2000
252.227-7037	Validation of Restrictive Markings on Technical Data	SEP 1999
252.228-7000	Reimbursement for War-Hazard Losses	DEC 1991
252.228-7001	Ground And Flight Risk	SEP 1996
252.228-7003	Capture and Detention	DEC 1991
252.231-7000	Supplemental Cost Principles	DEC 1991
252.232-7003	Electronic Submission of Payment Requests	JAN 2004
252.235-7000	Indemnification Under 10 U. S. C. 2354 Fixed Price	DEC 1991
252.241-7001	Government Access	DEC 1991
252.242-7003	Application For U.S. Government Shipping Documentation/Instructions	DEC 1991
252.242-7004	Material Management And Accounting System	DEC 2000
252.243-7001	Pricing Of Contract Modifications	DEC 1991
252.243-7002	Requests for Equitable Adjustment	MAR 1998
252.246-7001	Warranty Of Data	DEC 1991
252.247-7023	Transportation of Supplies by Sea	MAY 2002
252.247-7024	Notification Of Transportation Of Supplies By Sea	MAR 2000
252.251-7001	Use Of Interagency Fleet Management System (IFMS) Vehicles And Related Services	DEC 1991

CLAUSES INCORPORATED BY FULL TEXT

52.243-7 NOTIFICATION OF CHANGES (APR 1984)

(a) Definitions.

"Contracting Officer," as used in this clause, does not include any representative of the Contracting Officer.

"Specifically authorized representative (SAR)," as used in this clause, means any person the Contracting Officer has so designated by written notice (a copy of which shall be provided to the Contractor) which shall refer to this subparagraph and shall be issued to the designated representative before the SAR exercises such authority.

(b) Notice. The primary purpose of this clause is to obtain prompt reporting of Government conduct that the Contractor considers to constitute a change to this contract. Except for changes identified as such in writing and signed by the Contracting Officer, the Contractor shall notify the Administrative Contracting Officer in writing, within 5 calendar days from the date that the Contractor identifies any Government conduct (including actions, inactions, and written or oral communications) that the Contractor regards as a change to the contract terms and conditions. On the basis of the most accurate information available to the Contractor, the notice shall state--

(1) The date, nature, and circumstances of the conduct regarded as a change;

- (2) The name, function, and activity of each Government individual and Contractor official or employee involved in or knowledgeable about such conduct;
- (3) The identification of any documents and the substance of any oral communication involved in such conduct;
- (4) In the instance of alleged acceleration of scheduled performance or delivery, the basis upon which it arose;
- (5) The particular elements of contract performance for which the Contractor may seek an equitable adjustment under this clause, including--
 - (i) What contract line items have been or may be affected by the alleged change;
 - (ii) What labor or materials or both have been or may be added, deleted, or wasted by the alleged change;
 - (iii) To the extent practicable, what delay and disruption in the manner and sequence of performance and effect on continued performance have been or may be caused by the alleged change;
 - (iv) What adjustments to contract price, delivery schedule, and other provisions affected by the alleged change are estimated; and
- (6) The Contractor's estimate of the time by which the Government must respond to the Contractor's notice to minimize cost, delay or disruption of performance.
 - (c) Continued performance. Following submission of the notice required by (b) above, the Contractor shall diligently continue performance of this contract to the maximum extent possible in accordance with its terms and conditions as construed by the Contractor, unless the notice reports a direction of the Contracting Officer or a communication from a SAR of the Contracting Officer, in either of which events the Contractor shall continue performance; provided, however, that if the Contractor regards the direction or communication as a change as described in (b) above, notice shall be given in the manner provided. All directions, communications, interpretations, orders and similar actions of the SAR shall be reduced to writing and copies furnished to the Contractor and to the Contracting Officer. The Contracting Officer shall countermand any action which exceeds the authority of the SAR.
 - (d) Government response. The Contracting Officer shall promptly, within 10 calendar days after receipt of notice, respond to the notice in writing. In responding, the Contracting Officer shall either--
 - (1) Confirm that the conduct of which the Contractor gave notice constitutes a change and when necessary direct the mode of further performance;
 - (2) Countermand any communication regarded as a change;
 - (3) Deny that the conduct of which the Contractor gave notice constitutes a change and when necessary direct the mode of further performance; or
 - (4) In the event the Contractor's notice information is inadequate to make a decision under (1), (2), or (3) above, advise the Contractor what additional information is required, and establish the date by which it should be furnished and the date thereafter by which the Government will respond.
 - (e) Equitable adjustments.
 - (1) If the Contracting Officer confirms that Government conduct effected a change as alleged by the Contractor, and the conduct causes an increase or decrease in the Contractor's cost of, or the time required for, performance of any part of the work under this contract, whether changed or not changed by such conduct, an equitable adjustment shall be made--

- (i) In the contract price or delivery schedule or both; and
- (ii) In such other provisions of the contract as may be affected.

(2) The contract shall be modified in writing accordingly. In the case of drawings, designs or specifications which are defective and for which the Government is responsible, the equitable adjustment shall include the cost and time extension for delay reasonably incurred by the Contractor in attempting to comply with the defective drawings, designs or specifications before the Contractor identified, or reasonably should have identified, such defect. When the cost of property made obsolete or excess as a result of a change confirmed by the Contracting Officer under this clause is included in the equitable adjustment, the Contracting Officer shall have the right to prescribe the manner of disposition of the property. The equitable adjustment shall not include increased costs or time extensions for delay resulting from the Contractor's failure to provide notice or to continue performance as provided, respectively, in (b) and (c) above.

Note: The phrases "contract price" and "cost" wherever they appear in the clause, may be appropriately modified to apply to cost-reimbursement or incentive contracts, or to combinations thereof.

(End of clause)

52.246-17 WARRANTY OF SUPPLIES OF A NONCOMPLEX NATURE (JUN 2003) - ALTERNATE II (APR 1984)

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

Acceptance means the act of an authorized representative of the Government by which the Government assumes for itself, or as an agent of another, ownership of existing supplies, or approves specific services as partial or complete performance of the contract.

Correction, means the elimination of a defect.

Supplies, means the end item furnished by the Contractor and related services required under the contract. The word does not include "data."

(b) Contractor's obligations.

(1) Notwithstanding inspection and acceptance by the Government of supplies furnished under this contract, or any condition of this contract concerning the conclusiveness thereof, the Contractor warrants that for 24 months (66 months on the shelf)--

(i) All supplies furnished under this contract will be free from defects in material or workmanship and will conform with all requirements of this contract; and

(ii) The preservation, packaging, packing, and marking and the preparation for, and method of, shipment of such supplies will conform with the requirements of this contract.

(2) If correction or replacement is required and transportation of supplies in connection with correction or replacement is necessary, transportation charges and responsibility for the supplies while in transit shall be borne by the Government.

(3) Any supplies or parts thereof, corrected or furnished in replacement under this clause, shall also be subject to the terms of this clause to the same extent as supplies initially delivered. The warranty, with respect to supplies or parts

thereof, shall be equal in duration to that in paragraph (b)(1) of this clause and shall run from the date of delivery of the corrected or replaced supplies.

(4) All implied warranties of merchantability and "fitness for a particular purpose" are excluded from any obligation contained in this contract.

(c) Remedies available to the Government.

(1) The Contracting Officer shall give written notice to the Contractor of any breach of warranties in paragraph (b)(1) of this clause within 15 days.

(2) Within a reasonable time after the notice, the Contracting Officer may either--

(i) Require, by written notice, the prompt correction or replacement of any supplies or parts thereof (including preservation, packaging, packing and marking) that do not conform with the requirements of this contract within the meaning of paragraph (b)(1) of this clause; or

(ii) Retain such supplies and reduce the contract price by an amount equitable under the circumstances.

(3) (i) If the contract provides for inspection of supplies by sampling procedures, conformance of suppliers or components subject to warranty action shall be determined by the applicable sampling procedures in the contract. The Contracting Officer--

(A) May, for sampling purposes, group any supplies delivered under this contract;

(B) Shall require the size of the sample to be that required by sampling procedures specified in the contract for the quantity of supplies on which warranty action is proposed;

(C) May project warranty sampling results over supplies in the same shipment or other supplies contained in other shipments even though all of such supplies are not present at the point of reinspection; provided, that the supplies remaining are reasonably representative of the quantity on which warranty action is proposed; and

(D) Need not use the same lot size as on original inspection or reconstitute the original inspection lots.

(ii) Within a reasonable time after notice of any breach of the warranties specified in paragraph (b)(1) of this clause, the Contracting Officer may exercise one or more of the following options:

(A) Require an equitable adjustment in the contract price for any group of supplies.

(B) Screen the supplies grouped for warranty action under this clause at the Contractor's expense and return all nonconforming supplies to the Contractor for correction or replacement.

(C) Require the Contractor to screen the supplies at locations designated by the Government within the contiguous United States and to correct or replace all nonconforming supplies.

(D) Return the supplies grouped for warranty action under this clause to the Contractor (irrespective of the f.o.b. point or the point of acceptance) for screening and correction or replacement.

(4) (i) The Contracting Officer may, by contract or otherwise, correct or replace the nonconforming supplies with similar supplies from another source and charge to the Contractor the cost occasioned to the Government thereby if the Contractor--

(A) Fails to make redelivery of the corrected or replaced supplies within the time established for their return; or

(B) Fails either to accept return of the nonconforming supplies or fails to make progress after their return to correct or replace them so as to endanger performance of the delivery schedule, and in either of these circumstances does not cure such failure within a period of 10 days (or such longer period as the Contracting Officer may authorize in writing) after receipt of notice from the Contracting Officer specifying such failure.

(ii) Instead of correction or replacement by the Government, the Contracting Officer may require an equitable adjustment of the contract price. In addition, if the Contractor fails to furnish timely disposition instructions, the Contracting Officer may dispose of the nonconforming supplies for the Contractor's account in a reasonable manner. The Government is entitled to reimbursement from the Contractor, or from the proceeds of such disposal, for the reasonable expenses of the care and disposition of the nonconforming supplies, as well as for excess costs incurred or to be incurred.

(5) The rights and remedies of the Government provided in this clause are in addition to and do not limit any rights afforded to the Government by any other clause of this contract

(End of clause)

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):

<http://farsite.hill.af.mil/>

(End of clause)

Section J - List of Documents, Exhibits and Other Attachments

Exhibit/Attachment Table of Contents

DOCUMENT TYPE	DESCRIPTION	PAGES	DATE
	(b)(4)		15 Sep 2005
			29 Jul 2005
			29 Jun 2005
			29 Jun 2005

		Unit Price for Qty	
(b)(4)	Part # TBD FY 05/06 FY 07 FY 08 FY 09 FY 10	(b)(4)	
	Part # TBD FY 05/06 FY 07 FY 08 FY 09 FY 10		
	Part # TBD FY 05/06 FY 07 FY 08 FY 09 FY 10		
	Unit Price for Qty		
	Part # TBD FY 05/06 FY 07 FY 08 FY 09 FY 10		(b)(4)
	Part # TBD FY 05/06 FY 07 FY 08 FY 09 FY 10		
	Part # TBD FY 05/06 FY 07 FY 08 FY 09 FY 10		
	Part # TBD FY 05/06 FY 07 FY 08 FY 09 FY 10		

(b)(4)

CONTRACT DATA REQUIREMENTS LIST

(1 Data Item)

Form Approved
OMB No. 0704-0188

Public reporting burden for this collection of information is estimated to average 110 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.	B. EXHIBIT	C. CATEGORY:	
		TDP <input type="checkbox"/>	TM <input type="checkbox"/> OTHER <input type="checkbox"/>
D. SYSTEM/ITEM	E. CONTRACT/PR NO.		F. CONTRACTOR
LONG RANGE THERMAL IMAGER	M67854-05-R-1062		

1. DATA ITEM NO.	2. TITLE OF DATA ITEM	3. SUBTITLE
J002	INTERFACE REQUIREMENTS SPECIFICATION (IRS)	

4. AUTHORITY (Data Acquisition Document No.)		5. CONTRACT REFERENCE		6. REQUIRING OFFICE	
7. DD 250 REQ	9. DIST STATEMENT	10. FREQUENCY	12. DATE OF 1ST SUBMISSION	14. DISTRIBUTION	
LT	REQUIRED	ONE/R	ASREQ		
8. APP CODE		11. AS OF DATE	13. DATE OF SUBSEQUENT SUBMISSION	a. ADDRESSEE	b. COPIES
					Draft Final

<p>16. REMARKS</p> <p>BLK 9 - The following information shall be included on the deliverable: DISTRIBUTION STATEMENT A: Approved for public release; distribution is unlimited.</p> <p>BLK 12 - The Government requires 30 days for review and comment. The contractor shall incorporate any required changes based on Government comments and resubmit 15 days after receipt of comments. This review cycle shall continue until the contractor receives acceptance from the Government.</p> <p>BLK 14 - Draft and regular copy shall be delivered in a MS Office 2000 document and posted to a contractor established and maintained website/integrated data environment. The contractor shall notify the Government of deliverable availability.</p>	MCSC (PM)	1	1	
	MCTSSA	1	1	
	15. TOTAL → 2 2 0			

17. PRICE GROUP
18. ESTIMATED TOTAL PRICE

G. PREPARED BY	H. DATE	I. APPROVED BY	J. DATE

CONTRACT DATA REQUIREMENTS LIST
(1 Data Item)

Form Approved
OMB No. 0704-0188

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A. CONTRACT LINE ITEM NO. _____ B. EXHIBIT _____ C. CATEGORY: TDP TM OTHER

D. SYSTEM/ITEM: TACTICAL RANGE THERMAL IMAGER E. CONTRACT/PR NO.: M67854-05-R-1062 F. CONTRACTOR _____

1. DATA ITEM N: 8003 2. TITLE OF DATA ITEM: TECHNICAL REPORT - STUDY/SERVICES (CN) 3. SUBTITLE: CHANGE NOTICES

4. AUTHORITY (Data Acquisition Document No.): DI-CMAN-80508A 5. CONTRACT REFERENCE: SOW para 3.6.4.1 6. REQUIRING OFFICE: MARCORSYSCOM PM-ONS

7. DD 250 REQ: LT 9. DIST STATEMENT REQUIRED: D 10. FREQUENCY ASREQ: _____ 12. DATE OF 1ST SUBMISSION: SEE BLK 16 14. DISTRIBUTION:

a. ADDRESSEE	b. COPIES		
	Draft	Reg	Repro
MCSC: (PM)	2	2	
MCLBA: (LMS)	2	2	

8. APP CODE: D 11. AS OF DATE: _____ 13. DATE OF SUBSEQUENT SUBMISSION: _____

16. REMARKS

BLK 9 - BLK 9 - The following information shall be included on the deliverable: DISTRIBUTION STATEMENT D: Distribution authorized to the DoD and U.S. DoD contractors only. Other requests shall be referred to Marine Corps Systems Command, Infantry Weapons Systems, PM Optics and Non-Lethal Systems.

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

BLK 12 - The Government requires 14 calendar days to review. The contractor shall submit final 14 days after receipt of Government comments.

BLK 14 - Draft, regular, and reproducible copy shall be delivered in MS Office 2000 document and posted to a contractor established and maintained website/integrated data environment. The contractor shall notify the Government of deliverable availability.

15. TOTAL → Draft: 4, Reg: 4, Repro: 0

17. PRICE GROUP

18. ESTIMATED TOTAL PRICE

G. PREPARED BY _____ H. DATE _____ I. APPROVED BY _____ J. DATE _____

CONTRACT DATA REQUIREMENTS LIST

(1 Data Item)

Form Approved
OMB No. 0704-0188

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D. SYSTEM/ITEM: TACTICAL RANGE THERMAL IMAGER E. CONTRACT/PR NO.: M67854-05-R-1062 F. CONTRACTOR _____

1. DATA ITEM N: 8001 2. TITLE OF DATA ITEM: FAILURE SUMMARY AND ANALYSIS REPORT 3. SUBTITLE _____

4. AUTHORITY (Data Acquisition Document No.): DI-RELI-80255 5. CONTRACT REFERENCE: SOW para 3.4.2 6. REQUIRING OFFICE: MARCORSYSCOM PM-ONS

7. DD 250 REQ: LT 9. DIST STATEMENT REQUIRED: ASREQ 10. FREQUENCY: ASREQ 12. DATE OF 1ST SUBMISSION: SEE BLK 16 14. DISTRIBUTION: a. ADDRESSEE: MCSC: (PM) b. COPIES: Draft Final Reg Repr

8. APP CODE: D 11. AS OF DATE _____ 13. DATE OF SUBSEQUENT SUBMISSION: ASREQ

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BLK 12 - First submission due 60 days after the first failure during formal testing.

BLK 14 - Draft, regular, and reproducible copy shall be delivered in MS Office 2000 document and posted to a contractor established and maintained website/integrated data environment. The contractor shall notify the Government of deliverable availability.

15. TOTAL → 1 1 0

17. PRICE GROUP

18. ESTIMATED TOTAL PRICE

G. PREPARED BY _____ H. DATE _____ I. APPROVED BY _____ J. DATE _____

CONTRACT DATA REQUIREMENTS LIST

(1 Data Item)

Form Approved
OMB No. 0704-0188

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A. CONTRACT LINE ITEM NO.	B. EXHIBIT	C. CATEGORY:	
		TDP <input type="checkbox"/>	TM <input type="checkbox"/>
D. SYSTEM/ITEM		F. CONTRACTOR	
TACTICAL RANGE THERMAL IMAGER		M67854-05-R-1062	

1. DATA ITEM N	2. TITLE OF DATA ITEM	3. SUBTITLE
H005	INSTRUCTIONAL MEDIA PACKAGE	AUDIOVISUAL

4. AUTHORITY (Data Acquisition Document No.)		5. CONTRACT REFERENCE		6. REQUIRING OFFICE	
DI-SESS-81526B(AV)		SOW para 3.14.6.6		MARCORSYSCOM PM-ONS	
7. DD 250 REQ	8. DIST STATEMENT	10. FREQUENCY	12. DATE OF 1ST SUBMISSION	14. DISTRIBUTION	
DD	REQUIRED	ONE/R	120DAC		
8. APP CODE		11. AS OF DATE	13. DATE OF SUBSEQUENT SUBMISSION		
A	A				

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	a. ADDRESSEE	b. COPIES				
		Draft	Final	Reg	Repro	
	MCSC: (PM) ACQ LOG: SG 04	1	1			
TECOM G-3 CurOps	2	1	1			
15. TOTAL →						
	4	3	2			

17. PRICE GROUP
18. ESTIMATED TOTAL PRICE

G. PREPARED BY	H. DATE	I. APPROVED BY	J. DATE

28 JUNE 2005

FINAL
STATEMENT OF WORK
FOR
TACTICAL RANGE THERMAL IMAGER (TRTI)
THERMAL BINOCULAR SYSTEM (TBS)

Prepared By

OPTICS AND NON-LETHAL SYSTEMS
MARINE CORPS SYSTEMS COMMAND
QUANTICO, VIRGINIA

Author: Mr. Steven E. Nye

DRAFT STATEMENT OF WORK
For
TACTICAL RANGE THERMAL IMAGER (TRTI)
THERMAL BINOCULAR SYSTEM (TBS)
Created: 6/29/05

1 **SCOPE.** This SOW sets forth the work efforts required to produce and prepare associated documentation, provide logistic support, provide technical support, provide field service support, develop technical manuals and deliver the Tactical Range Thermal Imager (TRTI) Thermal Binocular System (TBS). Additionally, the contractor shall provide the necessary services/support to enable the Government to perform the integration effort of the TRTI TBS with other optical and weapon systems, if required.

This SOW includes the associated Program Management, Configuration Management, Testing and Verification, Integrated Logistics Support, Maintenance Planning, Supply Support, Technical Publications, Support Equipment, and Contractor Performance Measurement.

See the Performance Description (PD) in the RFP for a complete listing of performance requirements.

The contractor is responsible for providing all/specific material, services and necessary support documentation needed to complete the tasks identified in this SOW.

2 **APPLICABLE DOCUMENTS.** The following documents specified form a part of this Statement of Work (SOW) to the extent specified herein. The most recent revision of the referenced document at the time of contract shall be used unless otherwise specified. In the event of conflict between the applicable documents and this SOW, the SOW shall take precedence. All second tier and below references cited in mandatory compliance documents shall be considered as guidance only. Nothing in this document, however, supersedes applicable laws and regulations unless a specific exemption has been obtained.

2.1 **Military Standards and Specifications - Mandatory Compliance.**

MIL-PRF-49506	Logistics Management Information
MIL-STD-129	Military Marking for Shipment and Storage
MIL-STD-882	Standard Practice for System Safety
MIL-STD-2073-1	DoD Standard Practice for Military Packaging
MIL-M-85337	Technical Manual Quality Assurance Program
MIL-STD-130L	DOD Standard Practice Identification Marking of U.S. Military Property
DoD Instruction 5000.64	Defense Property Accountability

Attachment 4

DoD 4140.1-R, DOD Supply Chain Material Management Regulation

DFARS Clause 252.211-7003

2.2 Military Standards and Specifications - Guidance Only.

MIL-STD-1686 Electrostatic Discharge Control Program for Protection of Electrical and Electronics Parts, Assemblies and Equipment

2.3 Federal Standard - Mandatory.

Not Applicable.

2.4 Drawings.

Not Applicable.

2.5 Handbooks - Guidance Only.

MIL-HDBK-61 Configuration Management Guidance

MIL-HDBK-502 Acquisition Logistics

MIL-HDBK-1221 Evaluation of Commercial Off The Shelf Manuals

2.6 Other Government Documents. Unless otherwise stated, the following documents may be obtained from the Document Automation and Production Service, Building 4/D, 700 Robbins Avenue, Philadelphia, PA 19111-5094 or visit <http://dodssp.daps.mil>.

FED-STD-313 Material Safety Data, Transportation Data and Disposal Data for Hazardous Materials Furnished to Government Activities

Performance Description Performance requirements and desired attributes for the TRTI are contained as an attachment to the RFP.

2.7 Non-Government Documents.

ANSI X3.27 File Structure and Labeling of Magnetic Tapes for Information Interchange

(Copies of ANSI X3.27 are available from www.ansi.org or American National Standards Institute, 1819 L Street, NW, 6th Floor, Washington, DC 20036.)

ASME Y14.34 Associated Lists

Attachment 4

(Copies of ASME documents are available from www.asme.org or American Society of Mechanical Engineers Information Central Orders/Inquiries, P.O. Box 2300, Fairfield, NJ 07007-2300.)

ASTM D3951	Standard Practice for Commercial Packaging
ASTM D4169-01e1	Standard Practice for Performance Testing of Shipping Containers and Systems

(Copies of ASTM documents are available from www.astm.org or American Society for Testing and Materials International, 100 Barr Harbor Drive, West Conshohocken, PA 19428-2959.)

EIA-625	Requirements for Handling Electrostatic Discharge-Sensitive (ESDS) Device
EIA-649	National Consensus Standard for Configuration Management

(Copies of EIA documents are available from www.eia.org or Electronic Industries Alliance Corporate Engineering Department, 2500 Wilson Boulevard, Arlington, VA, 22201.)

NAS 411	Hazardous Materials Management Program
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(Copies of NAS 411 are available from www.aia-aerospace.org or Aerospace Industries Association of America, 1250 Eye Street, NW, Suite 1200, Washington, DC 20005-3924.)

2.8 Forms.

N/A

3 REQUIREMENTS. The contractor shall perform all tasks required and delineated in this SOW to produce, manufacture, deliver and prepare associated documentation, provide logistic support, provide technical support, provide field service support, develop technical manuals and deliver the TRTI TBS in the quantity specified in the contract. The contractor shall provide all materials, equipment, hard tooling, personnel, and facilities necessary to produce and deliver the types and quantities of deliverables specified by the contract, and that meet the requirements in the Performance Specification.

3.1 Program and Data Management.

3.1.1 Program Management. The contractor shall establish and maintain program management practices throughout the period of performance to ensure quality products are produced and delivered in accordance with the terms of the contract. Program management practices shall provide visibility into the contractors' organization and techniques used in managing the program, specifically subcontractor and data management. (CDRL A001)

DI-MGMT-80227, Contractor's Progress, Status and Management Report

3.1.2 Subcontractor Management. The contractor is responsible for performance of requirements delineated in this SOW, and shall institute appropriate management actions relative to subcontractor performance. Requirements that are contractually specified shall apply to subcontractor performance; however, the contractor shall be accountable for compliance of subcontractors and is responsible for ensuring all deliverable products comply with the contract requirements.

3.1.3 Data Management. The contractor shall establish a single, centralized system for management of all data required under this contract. The contractor, in developing information that will be furnished to the Government, shall make the maximum use of existing data and provide maximum multiple use of technical information. Specific data management functions shall include schedule control for deliverables, maintenance of deliverables, approval of deliverable format, distribution and delivery of data products. The system shall include facilities for storage of all data developed or utilized for this contract, and shall provide equal access to data by the Government. The contractor shall ensure all data is centrally available for Government review to ensure continuity of the system fabrication and supporting documentation. The Government reserves the right to review all data associated with and developed for the TRTI TBS.

3.1.3.1 Item Unique Identification (IUID). The Contractor shall implement specific Item Unique Identification (IUID) markings, as defined in MIL-STD-130L dated 20 Dec 2004, DoD Instruction 5000.64, DoD 4140.1-R, and DFARS clause 252.211-7003. The IUID marking shall be incorporated into existing data plates. The two-dimensional IUID data matrix shall be machine-readable with common optical scanning devices and be accompanied by the corresponding human readable markings when practical. This provides a valuable tool for asset tracking from acquisition through manufacture as well as item life cycle management

The contractor shall supply documentation in formats (written and electronic) that are readily usable by the Government with each shipment of equipment and/or repairables the government purchases. The Contractor shall maintain all of this information in their Data Management System and the documentation shall be readily available to Government representative(s).

3.1.3.2 Technical Proposal. The contractor's Technical Proposal, as negotiated and accepted by the Government, shall be incorporated by reference into the resultant contract. In the event of any conflict or ambiguity between the contractor's technical proposal and the Government statement of work, the statement of work shall take precedence.

3.1.3.3 Schedule Planning. The contractor shall maintain an accurate schedule of program events and recommend program schedules, including review and evaluation techniques, which provide for the earliest delivery schedule while at the same time satisfying all requirements in a cost effective manner. The program schedule shall include all significant events, and a Program Planning Milestone Chart shall depict major tasks and events from start to completion of the contract. The contractor shall notify the Government in writing of any anticipated or projected work stoppages or delays that will impact schedules.

3.1.3.4 Assignment of Responsibility and Authority. The contractor shall identify the organizational elements responsible for the conduct of the activities delineated in this SOW. Responsibilities shall be assigned and clear lines of authority defined for determining and controlling the resources necessary to satisfy each element of this SOW.

a. The Program Manager (PM) shall serve as the primary point of contact between the contractor and the Government, and shall be responsible for the coordination of all contractor activities related to the contract. The following billets are considered key to the successful completion of this project; Configuration Management (CM), Integrated Logistic Support (ILS), Training Management, and Quality Control (QC). The personnel appointed to these billets shall possess sufficient authority to manage, direct, execute and control their areas of the contract.

3.2 Government Furnished Property.

3.2.1 Government Furnished Equipment. The Government will notify the contractor of the availability of Government Furnished Equipment (GFE). Items will be provided to the contractor within 30 days of receipt of contractor's written request to the Marine Corps Systems Command program office. Proposals shall list required delivery date of Government Furnished Property (GFP) to meet proposed delivery schedules. The contractor shall provide for accountability, security and storage for the GFP provided. The contractor shall inspect and inventory all GFP received and identify and report any discrepancies/deficiencies to include associated costs (materials, labor and test (if applicable)) for repair of the GFP to like new conditions. Upon approval by the Government, the contractor shall conduct the necessary repair actions. The Government will forward an accountability agreement to the contractor for signature on an annual basis. The Management Control Activity, Marine Corps Logistics Base (Code 827-2/MCA), Albany, Georgia, is the control and coordination point for all Marine Corps GFE/GFM

3.2.2 Government Furnished Information. The Government will furnish the Government Furnished Information (GFI) identified in the contract upon written request from the contractor to the Marine Corps Systems Command program office. The contractor shall notify the Government of any deficiencies in the GFI received. (CDRL A002)

DI-MGMT-80389B, Receipt of Government Materiel Report
DI-MGMT-80596, Government Furnished Information Deficiency Report

3.3 Meetings, Formal Reviews, Conferences, and Audits.

3.3.1 Contractor Responsibilities. The contractor shall plan, host, attend, coordinate, support and conduct the meetings, formal reviews, conferences, and audits (hereinafter called "reviews"). The reviews shall be conducted at Government and contractor facilities. Reviews requiring demonstration and/or examination of equipment shall be conducted at the contractor's facility. All such reviews shall be included in the program schedule and may be held concurrently with the Government's approval. The contractor shall prepare agendas and conference presentation materials, and provide minutes and reports following each review. The Government reserves the right to cancel any review or to require any review to be scheduled at critical points during the

period of performance. Action item documentation, assignment of responsibility for completion and due dates shall be determined prior to adjournment of all reviews. A summary of all action items, responsible parties, and estimated completion dates shall be included with the minutes. (CDRL A003 and A004)

DI-ADMN-81249A, Conference Agenda
DI-ADMN-81250A, Conference Minutes

3.3.2 Post Award Conference. The contractor shall host a Post Award Conference (PAC) at the contractor's facility within 15 days after Contract Award. The purpose of the PAC is for the contractor to review and demonstrate to the Government the management procedures, provide progress assessments, review of technical and other specialty area status, and to establish schedule dates for near term critical meetings/actions. The contractor shall present management, key personnel, and program implementation processes.

3.3.3 In-Process Review. In Process Reviews (IPR) will be held on a monthly basis or as needed basis, at a date and location mutually agreed upon. The Government reserves the right to cancel any review or to require any review to be scheduled during the period of performance. The contractor's progress, management, technical support services (if any), integrated logistics support, administrative, assurance of compliance with contract requirements, program status, problem identification and resolutions shall be agenda items. Actual versus expected performance of each area shall be addressed. The contractor shall prepare presentation materials providing an overview of all agenda items.

3.4 System Engineering. The contractor shall establish and maintain an effective system engineering program throughout the production processes, which shall include the following.

3.4.1 Procedures and Controls. The contractor shall maintain procedures and controls, which ensure products, obtained from suppliers, vendors and subcontractors meet contractor identified reliability requirements.

a. Establish, implement, and maintain documented procedures, which detect and/or preclude the use of substandard or counterfeit parts in the production process, and impose similar requirements on subcontractors.

3.4.2 Failure Reporting, Analysis, and Corrective Action System. The contractor shall develop a closed loop failure reporting system, procedures for analysis of failures in the TRTI system to determine cause, and documentation for recording corrective actions taken. The Failure Reporting, Analysis, and Corrective Action System (FRACAS) shall include uniform failure reporting, failure analysis reports and corrective actions. (CDRL B001)

DI-RELI-80255, Failure Summary and Analysis Report

3.4.3 Quality Management/Quality Assurance System. The contractor's quality management/quality assurance system shall ensure product conformation to contractual requirements. The contractor shall have implemented, documented, and have previously

demonstrated the ability to maintain the quality management system to be used on the contract. The contractor shall make available all quality management/quality assurance documentation for the Government to review upon request. The contractor shall provide a copy of the Quality Management/Quality Assurance plan/process for the TRTI to the Government.

3.5 Environmental, Safety, and Occupational Health.

3.5.1 System Safety. The contractor shall identify and evaluate safety and health hazards, define risk levels, and establish a program that manages the probability and severity of all hazards associated with development, use, and disposal of the system. (Reference: MIL-STD-882D).

3.5.1.1 Safety Assessment. The contractor shall perform and document a Safety Assessment to identify all safety features of the hardware (to include relevant accessories and consumable items), software, and system design and to identify procedural, hardware and software related hazards that may be present in the TRTI TBS including specific procedural controls and precautions that should be followed. Controls and precautions should address any potential hazards associated with the use of form-fit-functional substitutes for accessories or consumables. In addition, the contractor shall make recommendations applicable to hazards at the interface of his system with the other system(s) as contractually required.

3.5.1.2 Safety Assessment Report. The contractor shall make Safety Assessment Reports (SAR) that documents the Safety Assessment and clearly identifies any residual risks of the TRTI TBS. The SAR shall include a signed statement that all identified hazards have been eliminated or their associated risks controlled to acceptable levels, using MIL STD 882D as a guide and method of assessment; and that the TRTI TBS is ready to operate. (CDRL B002)

DI-SAFT-80102B, Safety Assessment Report (SAR)

3.5.2 Hazardous Materials Management Program. The contractor shall implement a Hazardous Materials Management Program (HMMP) in accordance with or similar to NAS 411. The contractor shall avoid the use of toxic chemicals, hazardous materials and ozone depleting substances in the design, operational support and disposal of the TRTI TBS. Manufacturing processes that will have a detrimental impact upon the environment shall be avoided. More information on chemicals and hazardous materials to be avoided can be obtained from the Environmental Protection Agency (EPA).

3.6 Configuration Management Process. The contractor shall maintain a configuration management (CM) process for the control of all hardware and software configuration documentation, media and parts representing or comprising the TRTI TBS. The principles contained in EIA-649 and MIL-HDBK-61 may be used for guidance. The contractor's CM process shall consist of configuration identification, configuration control, configuration status accounting, and configuration audits. Consideration for interfacing with other acquisition requirements such as design review, assurance, and other program related disciplines shall be addressed. The contractor shall notify the Government of any changes at the contractor's facility, which affect the contractor's established CM process. The contractor shall also notify the

Government of any and all changes to the TRTI TBS.

3.6.1 Configuration Status Accounting (CSA). The contractor shall establish and maintain a Configuration Status Accounting (CSA) database, that represents the configuration of the TRTI TBS. All baselines and changes shall be documented in the contractor's CSA database. Additionally, the CSA database shall provide a reliable source of configuration information to support TRTI TBS activities, including program management, systems engineering, logistics support, and modifications/maintenance actions. The Government shall be notified of any and all changes to the TRTI TBS.

3.6.2 Parts Management Program. The contractor is encouraged to establish and maintain a Parts Management Program that will ensure the use of parts that meet contractual requirements, reduce proliferation of parts through standardization and enhance equipment reliability and supportability, and proactively manage obsolescence.

3.6.3 Baseline Management. The contractor shall be responsible for maintaining the currency and accuracy of the established baseline to ensure form, fit, function and interface of the TRTI TBS. The contractor shall establish definitive processes, which identify how the baseline will be managed/maintained. These processes shall be defined in the contractor's configuration management plan and made available for Government review.

3.6.3.1 Product Baseline. The product baseline is established by Government approved specifications, engineering drawings and associated documentation including approved parts lists, technical manuals, and inspection/test data. The contractor shall make changes to the product baseline only through the Engineering Change Proposal (ECP) process.

3.6.3.2 Functional Baseline. The TRTI TBS Performance Specification (or equivalent documentation in lieu of) establishes the functional baseline. Government approval shall be required prior to making changes to the functional baseline. The contractor shall make changes to the functional baseline only through the Engineering Change Proposal (ECP) process.

3.6.4 Configuration Control. The contractor shall implement configuration control methods and procedures, which maintain the integrity and traceability of an established baseline. Changes to established baselines shall only be made after Government approval of Engineering Change Proposals (ECP) and Request for Deviation (RFD). Sufficient supporting data to evaluate the proposed change, such as drawings, supplemental drawings, sketches, specifications, or manufacturer's data sheets, shall be submitted with ECP's and RFD's. Changes shall be identified to the affected assembly serial number, or if not part of an assembly, to the affected equipment serial number.

3.6.4.1 Notification of Changes to Commercial Equipment/Software. The contractor shall submit notification to the Government when changes occur to commercial equipment or software, which is being procured or fabricated by the contractor off-the-shelf, and the Government does not control the developer's design. (CDRL B003)

3.6.5 Engineering Drawings.

(See paragraph 3.10.5, below) Engineering Data For Provisioning.

3.7 Testing/Verification.

3.7.1 Contractor Support to Government Testing. The contractor shall support Government test efforts. The contractor shall support each Government test by providing on-site maintenance, training, logistics, and technical support for the period of the test.

3.7.2 Limited User Evaluation. The Government may conduct a post-award Limited User Evaluation (LUE) to demonstrate TRTI TBS capabilities incorporating lessons learned from the pre-award LUE and/or Government request for system modification.

3.7.3 Product Verification Test. The Government will develop and implement Product Verification Test procedures to verify compliance with the Performance Specification.

3.7.3.1 Nonconformance of Product Verification Test. In the event the Product Verification Test articles fail to meet requirements as described in the Performance Specification, the contractor shall submit plans for the corrective action or disposition to the Government for approval. Production shall not be initiated without Government approval. (CDRL C001)

DI-RELI-81315, Failure Analysis and Corrective Action Report

3.8 Integrated Logistic Support. The contractor shall plan and conduct an Integrated Logistics Support (ILS) program, which shall govern the management of the ILS effort. The ILS effort shall be conducted as an integral part of the process to define the range and depth of the required support, and address all applicable and related elements of logistics.

3.8.1 ILS Management Team/Integrated Product Team. A joint Government/contractor ILS Management Team/Integrated Product Team (ILSMT/IPT) shall be established to monitor the status of the ILS program implementation. The ILSMT/IPT shall provide a means for coordinating logistic matters, schedules and SOW performance, ensuring adequacy and timeliness of Government inputs and action, and assisting the Government ILS manager in discharging their responsibilities. Upon contract award, the joint ILSMT/IPT shall meet to review ILS program progress.

3.8.2 Integrated Logistics Support Process. The contractor shall have a documented ILS process that identifies how the ILS elements will be used to meet the logistics support requirements for the TBS. The ILS process shall also assign responsibilities, establish milestones for executing the ILS program. The contractor shall describe the process, involving both the Government and the contractor, which shall be employed in planning, developing and acquiring the logistics resources for test support and operational support at all specified maintenance levels. The ILS process shall ensure the TBS, when fielded, will satisfy all supportability criteria. The contractor shall review and update the Integrated Support Plan (ISP) to reflect changes emanating from program changes, reviews and other actions affecting the

logistics aspects of the program. The contractor's program/process shall be available for Government review, upon request.

3.8.3 Interim Contractor Logistics Support (Option). As an option to this contract, the contractor shall provide support and costs services for system unique items necessary to maintain the operational readiness of the TRTI TBS for two years with two one-year options following delivery of the end item. Interim Contractor Logistics Support (ICLS) plan shall address the following:

- a. Maintenance
 - (1) Organizational Maintenance
 - (2) Intermediate Maintenance
 - (3) Depot Maintenance/Rebuild
- b. Supply
- c. Component Exchange
- d. Calibration
- e. Maintenance Float
- f. Technical Assistance
- g. Failure Analysis
- h. Warranty Considerations
- i. Repair turn-around time (72 hours CONUS and 96 hours OCONUS from receipt back to owning unit)
- j. Address import/export requirements for OCONUS

3.8.4 Warranty Performance System. The contractor shall establish and maintain a warranty performance system that identifies and documents all items to be warranted under this contract. Each item warranted shall be indexed and identified by serial number, model or part number, and date of acceptance by the Government. Warranties shall become effective based upon a negotiated agreement between the Government and the contractor. All pertinent data required for the Government to pursue warranty provisions, remedy, and relief for each item shall be maintained by the contractor for the duration of the warranty period. All warranty claims and transactions shall be documented and made available for Government review during scheduled meetings and/or reviews.

3.8.4.1 Standard Commercial Warranty. The contractor shall provide a five-year storage warranty in addition to a standard commercial warranty covering workmanship, materials, design, and all essential performance characteristics that would effect the Performance Specification requirements of the TRTI TBS. Unless negotiated by the contractor, and agreed to by the Government, the standard commercial warranty shall be for a period of 24 months commencing from a date negotiated by both the Government and the contractor. The contractor shall ensure that subcontractor and vendor warranties provide the same coverage and are passed through to the end item.

3.9 Maintenance Planning. The contractor shall conduct maintenance planning to define optimal maintenance activities, which fully support the TRTI TBS maintenance concept. The maintenance concept for the TRTI TBS is defined below.

3.9.1 Organizational Maintenance. Organizational maintenance shall consist of simple tasks performed by the user and simple repairs performed by organizational maintenance technicians. No special purpose tools or test equipment shall be required at the organizational maintenance level. Organizational maintenance shall consist of the following:

- a. Preventive maintenance includes visual inspection, cleaning lenses and sight body, performing operational checks using authorized tools.
- b. Corrective maintenance includes replacement of collateral equipment.

3.9.2 Intermediate Maintenance. Intermediate maintenance shall consist of repair tasks performed by trained technicians. Repairs authorized are the continued fault isolation using standard tools and test equipment, identification and replacement of defective components, alignment (if required), calibration (if required), and the return of the equipment to full operation with minimal downtime.

3.9.3 Depot Maintenance. Depot maintenance shall consist of complete repair, major overhaul, or complete rebuild of the parts, assemblies, subassemblies, and end items, including the manufacture of parts, piece part repair, modification, and testing that is beyond the capability of the intermediate level of maintenance. The production contractor shall perform depot level maintenance for those shop replacement units (SRU) unique to the TRTI TBS.

3.10 Supply Support.

3.10.1 Conferences.

3.10.1.1 Provisioning Guidance Conference. The contractor shall host the Provisioning Guidance Conference (PGC) and furnish provisioning data as one product of the PGC at mutually agreed upon intervals prior to the provisioning conference(s). The Government will clarify any provisioning issues during the evolution of the data cleansing process.

3.10.1.2 Provisioning Conference. The contractor shall host a Provisioning Conference(s) at the contractor's facility. The contractor shall provide and disassemble production grade equipment, as deemed necessary by the Government, during this conference to validate and verify all provisioning documentation.

3.10.2 Provisioning Plan. The contractor shall establish, manage, and execute a Logistics Management Information (LMI) program in accordance with MIL-PRF-49506. MIL-HDBK-502 may be used for additional guidance. The LMI program shall be the basis for the integration of the logistics support element, and provide the interface between the engineering and integrated logistics effort used in the systems engineering effort. The objectives of the LMI program are to provide optimum material readiness, economical logistics support, and identify/evaluate resources required to develop and manage an effective support system. All design, modification/alteration, and engineering activity shall require LMI. Provisioning status, identification of problem area(s), and necessary resolutions to problems addressed shall be discussed at each ILSMT/IPT. (CDRL D001)

**DI-ALSS-81529, Logistics Management Information (LMI) Data Product
(Provisioning Plan)**

3.10.3 Provisioning and Other Pre-procurement Screening Data.

a. The contractor shall identify provisioning and other pre-procurement screening data to be submitted for Government screening. Provisioning and other pre-procurement screening data are used to identify existing National Stock Numbers (NSNs) for an item, validate currency of an NSN, and aid in maximum use of known assets.

3.10.4 Provisioning Technical Documentation. The contractor shall develop/document Provisioning Technical Documentation to include, but not be limited to a Provisioning Parts List (PPL), Long Lead Time Items List (LLTIL), and any Design Change Notices (DCN). These lists shall contain the Data Products selection list. The Government at the Provisioning Guidance Conference (PGC) shall designate the format and medium of delivery. The frequency for submission of such lists shall also be designated at the PGC. (CDRL D002)

DI-ALSS-81529, Logistics Management Information (LMI) Data Product (PTD)

3.10.4.1 Provisioning Parts List. The Provisioning Parts List (PPL) shall contain the end item, component or assembly and all support items which can be disassembled, reassembled, or replaced, and which, when combined, constitute the end item, component or assembly and shall include items such as parts and materials required for the operation and maintenance of the end item LTRI TBS. The PPL is a tool used to determine the range of support items required to maintain the end item for an initial period of service. This includes all repairable Contractor Off-The-Shelf (COTS) items unless excluded by the provisioning requirements. It does not include a breakdown of Government furnished equipment. The PPL shall include items such as parts, materials, and fittings required for the operation and maintenance of the end item/equipment. The PPL shall contain repair kits and repair parts sets required to maintain the end item. (CDRL D003)

DI-ALSS-81529, Logistics Management Information (LMI) Data Product (PPL)

3.10.4.2 Design Change Notice. The contractor shall use a Design Change Notice (DCN) to identify changes to Provisioning Technical Documentation which add to, delete, supersede, or modify items previously listed which are approved for incorporation into the TRTI TBS. (CDRL D004)

DI-ALSS-81529, Logistics Management Information (LMI) Data Product (DCN)

3.10.5 Engineering Data For Provisioning. Engineering Data For Provisioning (EDFP) is technical data used to describe parts/equipment and consists of data such as specifications, standards, drawings, photographs, sketches and descriptions, and necessary assembly and general arrangement drawings, schematic drawings, schematic diagrams, wiring and cable diagrams necessary to indicate the physical characteristics, location, and/or function of the item. At a minimum, EDFP must provide:

Attachment 4

- a. Technical information of items for maintenance support considerations
- b. Item identification/descriptions necessary for:
 - (1) Cataloging actions and assignment of a National Stock Number
 - (2) Review for item entry control
 - (3) Standardization to include standardization/interchangeability
 - (4) Item management coding
 - (5) Identification/procurement of initial spares
 - (6) Preparation of allowance/issue lists

The contractor shall furnish EDFP in the following order of precedence:

- a. Government or industry recognized specifications or standards
- b. Engineering drawings
- c. Commercial catalogs or catalog descriptions
- d. Sketches or photographs with brief descriptions of dimensional, material, mechanical, electrical, or other descriptive characteristics.

EDFP shall be submitted in hard copy. EDFP shall be marked in such a manner as to identify the proprietary rights (limited or unlimited). EDFP shall also be marked with the Provisioning Line Item Sequence Number (PLISN) in the upper right hand corner. EDFP shall NOT be provided when the item is:

- a. Identified as a Government specification or standard which completely describes the item including its dimensional, mechanical, and electrical characteristics
- b. Previously cataloged/assigned an active National Stock Number with type I item identification

(CDRL D005)

DI-ALSS-81529, Logistics Management Information (LMI) Data Product (EDFP)

3.10.6 Request for Nomenclature. The contractor shall submit a Request for Nomenclature in accordance with MIL-STD-196 for the TRTI TBS. This requirement is mandatory for use in type designation of communications and electronic materiel. **(CDRL D006)**

DI-CMAN-81254A, Request for Nomenclature

3.11 Power.

3.11.1 Lithium Batteries.

3.11.1.1 Lithium Battery Safety Qualification. The contractor shall develop a safety data package that shall document and demonstrate the stability of design and validity of any lithium battery selection IAW NAVSEAINST 9310.1B and TM S9310-AQ-SAF-010. The contractor shall provide data from contractor testing of the complete system/item. **(CDRL E001)**

DI-MISC-80508A, Technical Report/ Study Services (LB)

3.11.1.2 Lithium Battery Safety Assessment. The contractor shall document all contractor and Government lithium battery safety assessment efforts in the Safety Assessment Report (SAR). See paragraph 3.5.1.2. The SAR shall include the lithium battery risk assessment, recommendations, procedures and other corrective actions to reduce hazards to an acceptable level.

3.12 Technical Publications.

3.12.1 Technical Manuals (Option). The contractor shall develop Technical Manuals in accordance with Technical Manual Contract Requirement (TMCR) which shall include all information required for the installation, operation and maintenance of the TBS; to include change pages as required. The manuals shall reference the commercial and military manuals associated with the specific equipment comprising the TRTI TBS. (CDRL F001)

TMCR USMC 050003-000, Operations Technical Manual

3.12.2 Commercial Manuals. The contractor shall provide Commercial Off-The-Shelf (COTS) manual(s) for the TBS, to include supplemental data as necessary. The manual(s) shall contain installation, operation, troubleshooting and maintenance instructions. The manual(s) shall include a complete repair parts lists (including exploded views of all assemblies and subassemblies) and special tools lists. The government as a guide for review of submitted COTS manuals will use MIL-HDBK-1221. (CDRL F002)

DI-TMSS-80527A, Commercial Off-the-Shelf (COTS) Manual and Associated Supplemental Data

3.12.3 Interactive Electronic Technical Manuals (Option). The contractor shall develop Interactive Electronic Technical Manuals (IETMs) in accordance with TMCR USMC 050003-002. (CDRL F003)

TMCR USMC 050003-002 Technical Manual Contract Requirement (IETM)

3.12.4 Copyright Release. The contractor shall identify copyrighted material, if any, and shall obtain the written approval of the copyright owner. The contractor shall furnish appropriate copyright release giving the Government permission to reproduce and use copyrighted information. When the contractor uses a manual, which covers a vendor's component(s) or a portion thereof, and the vendor's manual contains copyrighted material, the contractor shall be responsible for obtaining a copyright release from the vendor and providing the copyright release to the Government.

3.12.5 Change Pages/Modification Instructions. The contractor shall provide change pages/modification instructions to the manuals as a result of approved changes to the baseline system. The Government requires notification of all changes and revisions to the manuals for the duration of this contract. Notice of new models/equipment, when they are available, is also required for Government information. The contractor shall develop change pages/modification instructions in support of paragraph 3.12.1, above.

3.12.6 Quality Assurance/Quality Control. Quality Assurance/Quality Control is the responsibility of the contractor. The contractor shall ensure that the equipment publications are fully edited, reviewed, and validated to ensure compliance with specifications and are technically accurate and useable by the target audience.

3.12.7 Scheduling IPRs. Technical publication IPRs if required, shall be held at the contractor's or designated Government facility. The contractor shall submit an IPR schedule for review during initial Guidance Conference if applicable. IPRs will be held prior to Government acceptance. The contractor may request IPRs when assistance or clarification is desired. The Government may require and the contractor may request additional IPRs irrespective of the schedule.

3.12.8 Disposition of IPR Findings. Discrepancies and/or deficiencies found as the result of the IPR shall be corrected prior to the next IPR.

3.12.9 Verification. Verification shall be held for the operator's and maintenance manuals to verify operation/maintenance procedures, conformance to contract, and usability. Appropriate contractor personnel shall attend and assist at the Government's request. Upon completion of the verification effort, the contractor shall incorporate all verification changes and review comments.

3.12.10 Final Acceptance. Final acceptance will be made by the Government to certify that all comments resulting from the verification and supplementation (if any) have been incorporated into the applicable final operator and maintenance drafts.

3.13 Support Equipment. The contractor shall provide a listing of support equipment, which is defined as tools, and test equipment. The requirement for support equipment shall be satisfied by items currently in the Marine Corps inventory. Listings of support equipment resident in the Marine Corps inventory are available from the Government upon the contractor's written request. If the contractor has determined that support equipment is not required, then an explanation is required on how and for how long the system is going to be maintained.

3.13.1 General Purpose Support Equipment/Special Purpose Support Equipment The contractor shall provide a listing of General Purpose Support Equipment (GPSE), which is defined as tools and test equipment currently in the Marine Corps inventory. The AN/USM-657(v)3 Third Echelon Test Set, Electro-Optics Variant (TETS-EOV) shall be the general purpose test equipment that forms the basis of intermediate maintenance. The contractor shall provide an Application Program Set (APS) to serve as the software and hardware interface between the TRTI and the TETS according to the TETS Performance Specification. The Government shall make a TETS system available as GFE to the Contractor to support APS development. Listing of GPSE resident in the Marine Corps inventory are available from the Government upon the contractor's written request. The contractor shall also provide a listing of Special Purpose Support Equipment (SPSE), which are defined as tools, and test equipment NOT currently in the Marine Corps inventory. Listing of tools and test equipment resident in the Marine Corps inventory are available from the Government upon the contractor's written request. If it is determined that SPSE is required, the contractor shall develop a Support Equipment Recommendation Data (SERD) using MIL-PRF-49506 detailing the recommended

test equipment and testing application. (CDRL G001)

DI-ILSS-80294A, Maintenance, Test and Support Equipment Requirements List (GPSE), (SPSE)

DI-ALSS-81530, Logistics Management Information (LMI) Summaries (SPSE)

3.13.1.1 Third Echelon Test Set, Electro-Optics Variant (TETS-EOV) (Option) Application Program Set (APS). The AN/USM-657(v)3 TETS-EOV will be the general purpose test equipment that forms the basis of intermediate maintenance for the TRTI. The contractor shall develop an APS to serve as the software and hardware interface between the TRTI and the TETS. The contractor shall provide detailed pricing and their approach to the development of the TETS-EOV APS. The Government will make a TETS-EOV system available as GFE to the Contractor to support APS development.

3.13.1.2 Interface Control Document. The contractor shall develop interface control documentation to assist in the development of automated test sets. The interface Requirements specification and Interface Design Description shall fully describe all hardware and software interfaces (including video in and video out) such that automated test procedures may be implemented for diagnostic and maintenance procedures. (CDRL J001 and CDRL J002)

DI-IPSC-81436A, Interface Design Description (IDD)

DI-IPSC-81434A, Interface Requirements Specification (IRS)

3.14 Manpower, Personnel and Training. The contractor shall provide a training program in accordance with MIL-PRF-29612. Prior to course initiation, the contractor shall meet safety standards, which are in accordance with local, state, and federal regulations.

3.14.1 Management of Training Development. The contractor shall appoint a Training Manager who shall be the single Point of Contact for training and courseware development matters. The Training Manager and other contractor personnel conducting training shall be able to read, write, speak and comprehend the English language, including technical language and terms associated with the operation, repair, installation, maintenance, assembly, and disassembly of the TBS. The Training Manager shall have three or more years of training and managerial experience with formal military training, and shall have an understanding of all tasks to be taught under this contract, with expertise in one or more of the areas. Sixty days prior to the conduct of any training course, the contractor shall provide written certification of the proficiency and skill of the instructors to conduct the required training to the Government. Sufficient proficiency and skill is defined as either two years experience conducting formal military training in the specific area of instruction or an equivalent level of civilian teaching experience. The Government will consider waivers to proficiency and skill levels on a case-by-case basis. The Government will review and approve contractor proposed instructors thirty days prior to the start of training. The duties of this Training Manager shall include, but shall not be limited to, the coordination of training courseware analysis, design, and development. Additionally, the Training Manager shall be responsible for the coordination of training presentation for the TBS.

3.14.2 Plan of Action/Milestones. The contractor shall provide a Plan of Action and

Milestones (POAM) for the training program as a portion of the draft Training Program Development and Management Plan. The POAM shall identify proposed course dates and delivery of draft and final training materials. (CDRL H001)

DI-SESS-81521B, Training Program Structure Document (POAM)

3.14.3 Course Descriptive Data. The contractor shall provide Course Descriptive Data (CDD) for the training program of the TBS. The CDD shall identify course administrative data to include data for peacetime and mobilization versions of the course. (CDRL H001)

DI-SESS-81521B, Training Program Structure Document (CDD)

3.14.4 Instructional Level. The contractor shall develop courses in sufficient depth to meet the following requirements:

a. Operator Course Requirements. The course shall provide students with the knowledge and understanding of the system's capabilities, limitations, interfaces, operations and shall include as a minimum Preventive Maintenance Checks and Services (PMCS), Capabilities and function of the system, and Operations/Operator Maintenance. The course shall allow the student to become proficient with the required operations' tasks. The course shall be of sufficient depth to ensure that students are qualified to properly operate the system. At a minimum, the hands-on instruction shall include and, upon completion, enable the student to: operate the system, subsystem, and equipment controls; demonstrate knowledge of general equipment functions and operations; perform system checks and verification procedures.

b. Maintenance Course Requirements. The course shall provide students with the knowledge and understanding of the capabilities, limitations, interfacing, operations, and the preventive and corrective maintenance tasks/skills required. At a minimum, the instruction shall include: capabilities, functions and operation of the system; preventive and corrective maintenance procedures; external diagnostics and other tests; measured performance data. At a minimum, the instruction shall include and upon completion, enable the student to: operate the system and subsystems; execute diagnostic self-test and interpret readouts; remove and install major components and perform pre-shop setup tests; determine if the system/subsystem is malfunctioning or not; isolate and locate malfunctions in the Line Replaceable Unit (LRU); replace the defective LRU; troubleshoot and repair LRU; perform all required alignments and adjustments; verify proper system/subsystem functions; perform routine preventive maintenance functions. The course shall be developed around the Government maintenance concept and shall allow the student to become proficient with the required operations and the preventive and corrective maintenance tasks. The course shall be of sufficient depth to ensure that students are qualified to maintain the system to the appropriate level using the technical manuals, general purpose test equipment, and all available diagnostics. The course shall include a minimum of 10 instructor-inserted faults or malfunctions.

3.14.5 Methods of Instruction. The preferred methods of instruction are lectures, demonstrations, practical exercises and application. No less than sixty percent of course presentation shall be practical exercise and hands-on training. Fault isolation shall be accomplished by having students identify faults to the specific LRU and with particular emphasis

on high failure items. The trainee to instructor ratios shall be 5:1 for practical exercises and 25:1 for lectures.

3.14.6 Course Material. All course material shall be prepared per MIL-PRF-29612. The reading level at which written training material is developed shall be the eighth grade reading level. The contractor shall provide, to each student attending Instructor and Key Personnel (I&KP) courses, a copy of all course material required to teach the course. The contract or shall provide all supplies, test equipment, common and special tools, and technical literature to each Government student while taking the course. Test equipment shall be identical to that used in the operational environment. For each course, the contractor shall prepare and deliver the following training documentation in accordance with MIL-PRF-29612. For further guidance MIL-HDBK-29612 may be used.

3.14.6.1 Learning Analysis Report. The contractor shall provide a Learning Analysis Report (LAR) containing the mission statement and course objectives. It shall also contain the Learning Objectives (Terminal Learning Objectives and Enabling Learning Objectives) and the knowledge, skills, and attitudes required to perform the tasks. (CDRL H002)

DI-SESS-81518B, Instructional Performance Requirements Document (LAR)

3.14.6.2 Lesson Plan. The contractor shall provide a Lesson Plan (LP) to the Government that shall contain data that provides specific definition and direction to the instructor on learning objectives, equipment, instructional media requirements, and the conduct of training. (CDRL H003)

DI-SESS-81523B, Training Conduct Support Document (LP)

3.14.6.3 Trainee Guide. The contractor shall provide a Trainee Guide (TG) that shall contain data which enhances the trainee's mastery of the knowledge, skills, and attitudes needed for a given subject. These materials may be in the form of information, diagram, job, assignment, problem, and outline sheets. (CDRL H003)

DI-SESS-81523B, Training Conduct Support Document (TG)

3.14.6.4 Instructional Visual Aids. The contractor shall provide visual aids, such as slides and transparencies, to be used by the instructor in the conduct of classes. They shall enhance the learning process and be in accordance with Government approved production standards. (CDRL H003)

DI-SESS-81523B, Training Conduct Support Document (IVA)

3.14.6.5 Test Package. The contractor shall provide the specific requirements data necessary for the examination of an individual's knowledge, skills, attitudes, and achievement of each enabling learning objective. All examinations shall include practical exercises or demonstrated successful troubleshooting, maintenance, repair, operation, test, installation, and assembly. (CDRL H004)

DI-SESS-81525B, Test Package

3.14.6.6 Instructional Media Package (Audiovisual) (Option). The contractor shall provide the general plan or approach to the video production, individual types of scripts to be used, storyboards, audio scene data, audiovisual production plan, prototype audiovisual, Edit Decision List, original videotape material, adjunctive media, and program media. (CDRL H005)

DI-SESS-81526B, Instructional Media Package (AV)

3.14.6.7 Interactive Courseware (Option). The contractor shall provide the required information and directions for the director, programmer, and instructional designer, which will be presented by the content media. (CDRL H006)

DI-SESS-81526B, Instructional Media Package (Interactive Courseware)

3.14.7 Initial Training. The contractor shall develop training material (courseware) to cover operator and maintenance tasks for the TBS. The contractor shall be responsible for Initial Training and all the courseware to support it. Training and courseware shall cover the operation, maintenance, and repair of all components and ancillary equipment (if any) unique to the TBS. Initial Training shall be conducted at the contractor's facilities or a mutually agreed upon site. The Government reserves the right to inspect the contractor's training facilities.

3.14.7.1 Instructor and Key Personnel Training. The contractor shall conduct Instructor and Key Personnel training (I&KPT) utilizing the Government approved draft courseware. I&KPT shall consist of courses for operators and maintainers. The contractor shall conduct two classes for a maximum of 30 students. These courses shall be targeted to the personnel who will maintain the system up to the intermediate level of maintenance. The courses shall not be more than 40 hours in length (five, eight hour days) and will be conducted on the days Monday through Friday, beginning at 0800 on the first day. Government approval is required to increase the courses' length beyond 40 hours. Following completion of I&KPT, approved Government comments received from attendees shall be incorporated into the courseware to yield an improved product.

3.14.8 Training Course Completion Report. The contractor shall provide to the Government written certification of the proficiency of each student, an evaluation of trainee performance, course of instruction and related materials. A Student Training Course Evaluation and Certificate of Training shall be provided to each student. A copy of each student's Student Training Course Evaluation shall be provided to the respective student's command. (CDRL H007)

DI-SESS-81522B, Course Conduct Information Package

3.15 Packaging, Handling, Storage and Transportation. The contractor shall be responsible for preservation and packaging of the deliverables under the terms of this statement of work. Packaging data shall be developed in accordance with MIL-STD-2073-1 and all appendices for the End Item and all repairable components assigned Source, Maintenance and Recoverability

(SMR) Codes PA, PB, PC, PD, PE and PG. Items excluded from data development shall be those items with Contractor and Government Entity Code (CAGEC) of 1T416, 21450, 83024, 96906, 10060, 24617, 80205, 99237, 80244, 81343, 81346, 81348, 81349, 81352, and 88044.

a. Preservation and Packaging. Items scheduled for domestic shipment for immediate use shall be Preserved and Packaged (P&P'd) in accordance with the best commercial practices of ASTM D3951. Items scheduled for overseas shipment for immediate use shall be P&P'd in accordance with the best commercial practices of ASTM D3951, Export Requirements. Items scheduled for long-term storage, as identified by the Program Manager, shall be P&P'd in accordance with the level "A" requirements of MIL-STD-2073-1. Spare or repairable components, not declared to be Electrostatic Sensitive Devices (ESD) shall be P&P'd in accordance with the best commercial practices of ASTM D3951. Items declared to be ESD shall be P&P'd in accordance with the Level "A" requirements of MIL-STD-2073-1, Appendix J, Table J.1a., Specialized Preservation Code "GX" and shall be packed into a reusable fast-pack container. Hazardous materials (HAZMAT) shall be P&P'd in accordance with the requirements of Federal Regulation 49CFR and the FED-STD-313.

b. Classification and Data Development. The contractor shall classify the selected items as common, selective, or special in accordance with MIL-STD-2073-1, Appendix A, paragraph A.5.1, and shall develop data as required by MIL-STD-2073-1, Appendix E, paragraph E.4. The contractor shall provide logistics information sufficient for the Government to determine the adequacy of the data submitted.

c. Validation. The contractor shall validate preservation processing and packaging for selective and special group items in accordance with MIL-STD-2073-1, Appendix F, and ASTM D4169-01e1, Assurance Level II, Acceptance Criteria 1, Distribution Cycle 18. Exceptions to validation requirements shall be as delineated in MIL-STD-2073-1, paragraph 5.6. The contractor shall report fully all steps taken during the validation process in accordance with ASTM D4169-01e1, Section 16.

d. Development of Marking Requirements. Marking shall be in accordance with MIL-STD-129.

e. Engineering Changes. In the event a Government approved Engineering Change Proposal (ECP) affects packaging design requirements for previously approved data, the contractor shall update the affected packaging data and submit it to the Government for approval. (CDRL I001)

DI-PACK-80120B, Preservation and Packing Data
DI-PACK-80121B, Special Packaging Instructions

3.15.1 Transportability Program. The contractor shall conduct transportability engineering efforts to identify and measure the limiting constraints, characteristics, and environments of transportation systems and to integrate this data into design criteria to use operational and planned transportation capabilities effectively.

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT				1. CONTRACT ID CODE	PAGE OF PAGES
				J	1 4
2. AMENDMENT/MODIFICATION NO. <i>P00002</i>	3. EFFECTIVE DATE 26-Jul-2006	4. REQUISITION/PURCHASE REQ. NO. M9545002RC54503		5. PROJECT NO. (if applicable)	
6. ISSUED BY MARCORSYSCOM IMS ATTN: JOHN WAHL@USMC.ML 2200 LESTER STREET QUANTICO VA 22134	CODE M67854	7. ADMINISTERED BY (if other than item 6) DCMC ORLANDO 3555 MAGUIRE BOULEVARD ORLANDO FL 32803-3726		CODE S1002A	
8. NAME AND ADDRESS OF CONTRACTOR (No., Street, County, State and Zip Code) DRS OPTRONICS, INC DON GRAHAM 2330 COMMERCE PARK DRIVE, NE PALM BAY FL 32905				9A. AMENDMENT OF SOLICITATION NO.	
				9B. DATED (SEE ITEM 11)	
				X 10A. MOD. OF CONTRACT/ORDER NO. M67854-05-D-1062	
				X 10B. DATED (SEE ITEM 13) 30-Sep-2005	
CODE 32865		FACILITY CODE			
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS					
<input type="checkbox"/> The above numbered solicitation is amended as set forth in item 14. The hour and date specified for receipt of offer <input type="checkbox"/> is extended. <input type="checkbox"/> is not extended.					
<p>Offer must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended by one of the following methods:</p> <p>(a) By completing items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.</p>					
12. ACCOUNTING AND APPROPRIATION DATA (if required)					
13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.					
A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.					
B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(B).					
X C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF: Per FAR 43.103(a)(3)					
D. OTHER (Specify type of modification and authority)					
E. IMPORTANT: Contractor <input type="checkbox"/> is not, <input checked="" type="checkbox"/> is required to sign this document and return <u>1</u> copies to the issuing office.					
14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.) Modification Control Number: jwah061340 Purpose: 1) To incorporate into Contract the revised Performance Specification MIL-PRF-67854A(DRS) 20 July 2006 as the revised Attachment Two, 2) increase unit quantity CLIN 0100 by an additional three (3) units, and 3) update changes to points of contact. The Contract is hereby modified as set forth on the following pages.					
Except as provided herein, all terms and conditions of the document referenced in item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.					
15A. NAME AND TITLE OF SIGNER (Type or print) Don E Graham, Sr. Manager Contract			16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) John S Wahl EMAIL:		
15B. CONTRACTOR/OFFEROR <i>Don E Graham</i> (Signature of person authorized to sign)		15C. DATE SIGNED 26 July 06	16B. UNITED STATES OF AMERICA BY <i>John S Wahl</i> (Signature of Contracting Officer)		16C. DATE SIGNED 26 July 06

SECTION SF 30 BLOCK 14 CONTINUATION PAGE

SUMMARY OF CHANGES

SECTION SF 30 - BLOCK 14 CONTINUATION PAGE

The following have been added by full text:

P00002 MODIFICATION CHANGES

Section F.5. Production / Delivery Schedule

The following replaces the original of Section F.5., award page 29 of 45 as follows:

From:

The contractor shall deliver three TRTI units under CLIN 0100 for verification and validation testing in accordance with Mil-Std-810F by 31 Oct 05. (b)(4)

Based on Government approval of the tested units not later than 15 Nov 05, the contractor shall deliver TRTI units under CLIN 1100 in accordance with the following schedule:

Units Deliver by date

(b)(4)	1 May 06
	1 Jun 06
	1 Jul 06
	1 Aug 06
	1 Sep 06
	1 Oct 06
	1 Nov 06
	1 Dec 06
	1 Jan 07
	1 Feb 07
	1 Mar 07
	1 Apr 07

To:

The Contractor shall deliver an additional three TRTI units under CLIN 0100 for verification and validation testing in accordance with Mil-Std-810F by 12 September 2006. (b)(4)

Based on Government approval of the tested units, the contractor shall deliver TRTI units as so stated in awarded delivery orders in accordance with their respected delivery schedule.

All other parts of Section F remain unchanged.

Section G, Contract Administration Data

The following replaces the original Section G, award page 31 of 45, Contract Administration Data as follows:

WAWF-RA point of contact is changed from Major Richard Hollen to John Wahl – (703) 432-3577

PCO: john.wahl@usmc.mil

Project Officer: bryan.leahy@usmc.mil

All other parts of Section G remain unchanged.

Section H, Special Contract Requirements

The following replaces the original of Section H.1. & H.2., award page 33 of 45 as follow:

Section H.1.

The Contracting Officer Point of Contact for this procurement is:

Attn: IWS, John Wahl
Telephone: (703)432-3577
John.wahl@usmc.mil

Section H.2.

Project Officer is reads Attn: Capt. Bryan Leahy;
Telephone (703) 432-3580
Bryan.leahy@usmc.mil

All other parts of Section H remain unchanged.

Section J, List of Documents, Exhibits and Other Attachments

The following adds to the original Section J, award page 45 of 45 Exhibits / Attachments Table fo Contents as follows:

DOCUMENT TYPE – Attachment Two (2)
DESCRIPTION – Performance Secification for Thermal Binocular System (TBS) Tactical Range Thermal Imager (TRTI)
PAGES – 52 in whole
DATED – 20 July 2006

SECTION A - SOLICITATION/CONTRACT FORM

The total cost of this contract was increased by **(b) (4)** to \$413,000.00.

SECTION B - SUPPLIES OR SERVICES AND PRICES

CLIN 0100

The CLIN extended description has changed from TRTI with soft carry case, user manual, (2) battery cassettes, cleaning kit, lens cover, and neck lanyard. Includes shipping in continental USA. First (3) units only for validation and verification testing of Mil-Std-810F certification. Purchase of additional TRTI units is conditioned upon successful testing of the units purchased under this CLIN. to TRTI with soft carry case, user manual, (2) battery cassettes, cleaning kit, lens cover, and neck lanyard. Includes shipping in continental USA. First (6) units only for validation and verification testing of Mil-Std-810F certification. Purchase of additional TRTI units is conditioned upon successful testing of the last three (3) units purchased under this CLIN.

The pricing detail quantity has increased by 3.00 from 3.00 to 6.00.

The total cost of this line item has increased by (b)(4)

SECTION J - LIST OF DOCUMENTS, EXHIBITS AND OTHER ATTACHMENTS

Exhibit/Attachment Table of Contents

DOCUMENT TYPE	DESCRIPTION	PAGES	DATE
Attachment 2	MIL-PRF-67854A(DRS) 20 JULY 2006	52	20-JUL-2006

(End of Summary of Changes)

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT			I. CONTRACT ID CODE	PAGE OF PAGES	
			J	1	2
2. AMENDMENT/MODIFICATION NO. F00001	3. EFFECTIVE DATE 12-Jun-2006	4. REQUISITION/PURCHASE REQ. NO. M9545005RC54503		5. PROJECT NO. (If applicable)	
6. ISSUED BY MARCORSYSCOM IWS ATTN: STACEY LAW 2200 LESTER STREET CUJANTICO VA 22134	CODE M67854	7. ADMINISTERED BY (If other than item 6) DCMC ORLANDO 3555 MAGUIRE BOULEVARD ORLANDO FL 32803-3726		CODE S1002A	
8. NAME AND ADDRESS OF CONTRACTOR (No., Street, County, State and Zip Code) DRS OPTRONICS, INC DON GRAHAM 2330 COMMERCE PARK DRIVE, NE PALM BAY FL 32905			9A. AMENDMENT OF SOLICITATION NO.		
			9B. DATED (SEE ITEM 11)		
			X 10A. MOD. OF CONTRACT/ORDER NO. M67854-05-D-1062		
			X 10B. DATED (SEE ITEM 13) 30-Sep-2005		
CODE 32865		FACILITY CODE			
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS					
<input type="checkbox"/> The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offer <input type="checkbox"/> is extended, <input type="checkbox"/> is not extended.					
Offer must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.					
12. ACCOUNTING AND APPROPRIATION DATA (If required)					
13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.					
A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.					
X B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(B).					
C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:					
D. OTHER (Specify type of modification and authority)					
E. IMPORTANT: Contractor <input checked="" type="checkbox"/> is not, <input type="checkbox"/> is required to sign this document and return _____ copies to the issuing office.					
14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.) Modification Control Number: anablet061112 The purpose of this modification is to exercise Option CLIN 0901. The Contract is hereby modified as set forth on the following page.					
Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.					
15A. NAME AND TITLE OF SIGNER (Type or print)			16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) STACEY R. LAW / CONTRACTING OFFICER TEL: 703-432-3568 EMAIL: stacey.law@usmc.mil		
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY 		16C. DATE SIGNED 14-Jun-2006	
(Signature of person authorized to sign)		(Signature of Contracting Officer)			

EXCEPTION TO SF 30
APPROVED BY OIRM 11-84

30-105-04

STANDARD FORM 30 (Rev. 10-83)
Prescribed by GSA
FAR (48 CFR) 53.243

SECTION SF 30 BLOCK 14 CONTINUATION PAGE

SUMMARY OF CHANGES

SECTION A - SOLICITATION/CONTRACT FORM

The total cost of this contract was increased by \$80,000.00 from \$183,000.00 to \$263,000.00.

SECTION B - SUPPLIES OR SERVICES AND PRICES

CLIN 0901

The option status has changed from Option to Option Exercised.

(End of Summary of Changes)