

2. Amendment/Modification No. P00001	3. Effective Date 2001AUG17	4. Requisition/Purchase Req No. SEE SCHEDULE	5. Project No. (If applicable)
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6. Issued By TACOM SFAB-GCSS-WBCTP MARQUE CRYDERMAN (810)753-2076 WARREN, MICHIGAN 48397-5000 HTTP://CONTRACTING.TACOM.ARMY.MIL EMAIL: CRYDERMM@TACOM.ARMY.MIL	Code	W56HZV	7. Administered By (If other than Item 6) DCM BIRMINGHAM BURGER PHILLIPS CENTER 1910 THIRD AVE. NORTH, RM 201 BIRMINGHAM, AL 35203-2376	Code	S0101A
			SCD C PAS NONE ADP PT HQ0338		

8. Name And Address Of Contractor (No., Street, City, County, State and Zip Code) ELMCO INCORPORATED 6000 TECHNOLOGY DRIVE BLDG 1 SUITE N HUNTSVILLE AL 35805-1919 TYPE BUSINESS: Other Small Business Performing in U.S.	<input type="checkbox"/>	9A. Amendment Of Solicitation No.
	<input type="checkbox"/>	9B. Dated (See Item 11)
	<input checked="" type="checkbox"/>	10A. Modification Of Contract/Order No. DAAE07-01-F-0032
	<input type="checkbox"/>	10B. Dated (See Item 13) 2001JUN29
Code 041Q6	Facility Code	

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

The above numbered solicitation is amended as set forth in item 14. The hour and date specified for receipt of Offers is extended, is not extended.

Offers 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 amendments; (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)
ACRN: AA NET INCREASE: \$168,078.20

13. THIS ITEM ONLY APPLIES TO MODIFICATIONS OF CONTRACTS/ORDERS

It Modifies The Contract/Order No. As Described In Item 14.

<input type="checkbox"/>	A. This Change Order is Issued Pursuant To: The Contract/Order No. In Item 10A.	The Changes Set Forth In Item 14 Are Made In
<input type="checkbox"/>	B. The Above Numbered Contract/Order Is Modified To Reflect The Administrative Changes (such as changes in paying office, appropriation data, etc.) Set Forth In Item 14, Pursuant To The Authority of FAR 43.103(b).	
<input checked="" type="checkbox"/>	C. This Supplemental Agreement Is Entered Into Pursuant To Authority Of: To increase Statement of Work	
<input type="checkbox"/>	D. Other (Specify type of modification and authority)	

E. IMPORTANT: Contractor is not, 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.)

SEE SECOND PAGE FOR DESCRIPTION

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) VIVIAN NORDAUNE NORDAUNV@TACOM.ARMY.MIL (810)753-2072		
15B. Contractor/Offeror _____ (Signature of person authorized to sign)	15C. Date Signed	16B. United States Of America By _____ (Signature of Contracting Officer)	16C. Date Signed

CONTINUATION SHEET**Reference No. of Document Being Continued****Page 2 of 5**

PIIN/SIIN DAAE07-01-F-0032

MOD/AMD P00001

Name of Offeror or Contractor: ELMCO INCORPORATED

SECTION A - SUPPLEMENTAL INFORMATION

1. This action is an order issued under and pursuant to General Services Schedule Contract GS-23F-0255K.
2. The purpose of this modification is to increase the Statement of Work on order number DAAE07-01-F-0032. The Statement of Work will now include development and maintenance of an Integrated Master Schedule (IMS) for the Brigade Combat Team and the Joint Venture of GM GDLS Defense Group L.L.C.
3. The Contractor shall perform work within this modification in accordance with the Statement of Work in Section C.
4. The period of performance is for 9 months from the date of award of this order.
5. The order is awarded on a Time and Materials basis as follows:

Labor

Labor Category	Rate	Hours	Price
Subject Matter Expert	\$122.75	600	\$ 73,650.00
Task Order/Project Leader	\$107.03	360	\$ 38,530.80
Management Analyst	\$ 61.97	120	\$ 7,436.40
Administrative Support	\$ 30.30	80	\$ 2,424.00
Total Labor		1160	\$122,041.20

Estimated Other Direct Costs

Travel

2 Persons, 5 days, 7 Trips, Huntsville, AL - Warren, MI

Air Fare	14 Trips @ \$1296	\$ 18,144.00
Per Diem	70 Days @ \$130	\$ 9,100.00
Car Rental	70 Days @ \$71	\$ 4,970.00
Misc. Costs	70 Days @ \$17	\$ 1,190.00

1 Person, 14 days, 3 Trips, Syracuse, NY - Warren, MI

Air Fare	3 @ \$1159	\$ 3,477.00
Per Diem	42 Days @ \$130	\$ 5,460.00
Car Rental	42 Days @ \$71	\$ 2,982.00
Misc. Costs	42 Days @ \$17	\$ 714.00
Total Other Direct Costs		\$ 46,037.00

Total Estimated Cost \$ 168,078.20

6. This modification adds \$168,078.20 to the ceiling price value of the contract, from \$13,921 to \$181,999.20. The ceiling price represents the maximum amount of Government liability to the Contractor for performance under this order. Costs incurred by the contractor beyond the ceiling price are at the contractor's own risk.
7. The Contractor shall bill the Government for hours performed under this order at the hourly rates specified. Other Direct Costs shall be billed to the Government on a cost incurred basis. The number of hours is an estimate only. The actual labor hours performed may vary.
8. Payment: The Contractor shall submit an invoice for payment for work performed. The Contracting Officer's Technical Representative will certify each voucher before payment.
9. Invoice Instructions: The billing document/invoice submitted by the Contractor for payment, the appropriate CLIN shall be specified.

Additionally, invoices must contain the following information:

Name of Contractor

Contract/Order No.

Number of hours expended, hourly rate, Other Direct Costs, and total costs

Period when effort was performed

*** END OF NARRATIVE A 002 ***

CONTINUATION SHEET

Reference No. of Document Being Continued
 PIIN/SIIN DAAE07-01-F-0032 MOD/AMD P00001

Name of Offeror or Contractor: ELMCO INCORPORATED

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT						
0003	<p>SECTION B - SUPPLIES OR SERVICES AND PRICES/COSTS</p> <p><u>Supplies or Services and Prices/Costs</u></p> <p><u>SERVICES LINE ITEM</u></p> <p>NOUN: ELMCO SPT TO PM, BCT SECURITY CLASS: Unclassified CLIN CONTRACT TYPE: Time-and-Materiels PRON: X11GX079X1 PRON AMD: 02 ACRN: AA AMS CD: 311071</p> <p>Labor 1160 hours</p> <p>(End of narrative B001)</p> <p><u>Inspection and Acceptance</u> INSPECTION: Destination ACCEPTANCE: Destination</p> <p><u>Deliveries or Performance</u></p> <table border="0"> <tr> <td>DLVR SCH</td> <td>PERF COMPL</td> </tr> <tr> <td><u>REL CD</u> <u>QUANTITY</u> <u>DATE</u></td> <td></td> </tr> <tr> <td>001 0 30-MAY-2002</td> <td></td> </tr> </table> <p style="text-align: right;">\$ 122,041.20</p>	DLVR SCH	PERF COMPL	<u>REL CD</u> <u>QUANTITY</u> <u>DATE</u>		001 0 30-MAY-2002					\$ 122,041.20
DLVR SCH	PERF COMPL										
<u>REL CD</u> <u>QUANTITY</u> <u>DATE</u>											
001 0 30-MAY-2002											
0004	<p><u>Supplies or Services and Prices/Costs</u></p> <p><u>SERVICES LINE ITEM</u></p> <p>NOUN: ELMCO SPT TO PM, BCT SECURITY CLASS: Unclassified CLIN CONTRACT TYPE: Cost Contract PRON: X11GX079X1 PRON AMD: 02 ACRN: AA AMS CD: 311071</p> <p>Travel to support labor-Cost no fee</p> <p>(End of narrative B001)</p> <p><u>Inspection and Acceptance</u> INSPECTION: Destination ACCEPTANCE: Destination</p> <p><u>Deliveries or Performance</u></p> <table border="0"> <tr> <td>DLVR SCH</td> <td>PERF COMPL</td> </tr> <tr> <td><u>REL CD</u> <u>QUANTITY</u> <u>DATE</u></td> <td></td> </tr> <tr> <td>001 0 30-MAY-2002</td> <td></td> </tr> </table> <p style="text-align: right;">\$ 46,037.00</p>	DLVR SCH	PERF COMPL	<u>REL CD</u> <u>QUANTITY</u> <u>DATE</u>		001 0 30-MAY-2002					\$ 46,037.00
DLVR SCH	PERF COMPL										
<u>REL CD</u> <u>QUANTITY</u> <u>DATE</u>											
001 0 30-MAY-2002											

CONTINUATION SHEET**Reference No. of Document Being Continued****Page 4 of 5**

PIIN/SIIN DAAE07-01-F-0032

MOD/AMD P00001

Name of Offeror or Contractor: ELMCO INCORPORATED

SECTION C - DESCRIPTION/SPECIFICATIONS/WORK STATEMENT

1. The Contractor shall Provide Technical Engineering support to the PM-Brigade Combat Team (BCT) in development and maintenance of an Integrated Master Schedule (IMS).

Goals for this tasking are to assess the PM-BCT Program Schedule and associated risk. The Contractor shall also provide on-site schedule/risk guidance and, based on the needs assessed, will develop a plan for solution.

The overall objective is to develop an accurate IMS to clearly reflect program plans and status and to incorporate the use of the IMS into the long-term management process and reporting for the program. This includes proper integration of the IMS with other management tools such as Earned Value Management System (EVMS).

2. The Contractor shall help identify management's position relative to the development and future use of the IMS to internal and external personnel. Management's commitment to support the development and use should include expectations of the Team Leaders to "own and be responsible" for the accuracy of the IMS data.

3. As the IMS is evolved, The Contractor shall provide recommendations as to how program risk and uncertainty is to be addressed. When program elements develop planning that consume all available time and resources, all paths to major milestones (CDR) are critical; therefore, there exists a near zero probability of meeting the milestone on time. Inclusion of Float/Slack into team plans leading to major events allows both schedule and resource reserves to address potential technical and schedule risk and uncertainty.

4. The Contractor shall assist in the coordination / integration of the EVMS and IMS systems.

5. The Contractor shall assist in the coordination / integration of the Program Control systems and the overall Integrated Digital Environment (IDE) architecture.

6. The Contractor shall provide the engineering services necessary to design and develop a PM-BCT Integrated Master Schedule (IMS) analysis tool capable of providing the following functionality:

- a. Creating and displaying critical paths,
- b. Analysis of schedule and critical path impacts based on "What if" schedule adjustments,
- c. Addition and adjustment of Government Program Milestones within the IMS database,
- d. Incorporation of programmatic/ integration level tasks into the IMS baseline,
- e. Identification and tracking of critical integration dates,
- f. Highlight schedule changes of duration greater than 1 month and evaluate impact to the critical path resulting from these changes,
- g. Track tasks identifiable to the Joint Venture GM/GD's Earned Value Management System.
- h. Provide a method to update (automatically with links) with the GM/GD schedule dates as published in the Joint Venture GM/GD IMS, and
- i. All the above shall be available at both the program level and the Functional Area Team level,
- j. Create metrics that track the progress of the PM-BCT program to include:
 1. Actual vs. Baseline starts and completions
 2. Critical Integration schedule slippage
 3. Other metrics identified at the first review (Limit 3 additional) that can be extracted from the existing database.

7. Deliverables

- a. The Contractor shall provide a preliminary briefing on his proposed design and metrics NLT 45 days after award of contract.
- b. The Contractor shall provide monthly Cost and Performance Reports illustrating funds expended, remaining funds, summary activities completed, and planned activities. (Contractor Format)

SECTION I. Interoperability.

The contractor shall insure that this requirement is in compliance with Certification of Information Mission Area (IMA) Assets delegation of authority 19-92, dated 6 Nov 92. The IMA assets in this request are compliant with IMA architectures and standards required by the Army, Common Operating Environment, Information Architecture, Joint Technical Architecture and TACOM Architecture Initiatives. The goals of certification have been met which allow for integration and inter-operability of IMA systems. These systems will maintain the integrity of Army networks, and easy transition into an open environment without unduly restricting competition in direct compliance granted under the delegation received from Headquarters Department of the Army.

SECTION II. Software Documentation:

The contractor shall insure that all software is to be developed, installed and supported for use at all (5) geographical sites that comprise U.S. Army TACOM. Deliverables shall include complete system design and programming documentation.

*** END OF NARRATIVE C 002 ***

CONTINUATION SHEET

Reference No. of Document Being Continued

Page 5 of 5

PIIN/SIIN DAAE07-01-F-0032

MOD/AMD P00001

Name of Offeror or Contractor: ELMCO INCORPORATED

SECTION G - CONTRACT ADMINISTRATION DATA

LINE ITEM	PRON/ AMS CD	ACRN	OBLG STAT/ JOB ORD NO	PRIOR AMOUNT	INCREASE/DECREASE AMOUNT	CUMULATIVE AMOUNT
0003	X11GX079X1 311071	AA	2 1GXP02	0.00 \$	122,041.20 \$	122,041.20
0004	X11GX079X1 311071	AA	2 1GXP02	0.00 \$	46,037.00 \$	46,037.00
				NET CHANGE \$	168,078.20	

SERVICE NAME	NET CHANGE BY ACRN	ACCOUNTING CLASSIFICATION	ACCOUNTING STATION	INCREASE/DECREASE AMOUNT
Army	AA	21 12033000015R5R07P3110712512 S20113	W56HZV	\$ 168,078.20
				NET CHANGE \$ 168,078.20

	PRIOR AMOUNT OF AWARD	INCREASE/DECREASE AMOUNT	CUMULATIVE OBLIG AMT
NET CHANGE FOR AWARD:	\$ 13,921.00	\$ 168,078.20	\$ 181,999.20