

<b>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT</b>			1. CONTRACT ID CODE	PAGE OF PAGES 1 2
2. AMENDMENT/MODIFICATION NO. A00002	3. EFFECTIVE DATE SEE BLOCK 16C	4. REQUISITION/PURCHASE REQ. NO. See Schedule	5. PROJECT NO. (If applicable)	
6. ISSUED BY CODE DCMA DETROIT 6501 EAST ELEVEN MILE RD BLDG 231 WARREN MI 48397-5000 DAVID HUDSON/dhudson@dcmde.dcm.mil /(810)574-8782	7. ADMINISTERED BY (If other than Item 6) CODE S2305A			
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) GMDG DEFENSE GROUP LLC JOINT VENTURE A JOINT VENTURE 14920 TWENTY-THREE MILE RD UTICA MI 48315			(X)	9A. AMENDMENT OF SOLICITATION NO.
				9B. DATED (SEE ITEM 11)
				10A. MODIFICATION OF CONTRACT/ORDER NO. DAAE07-00-D-M051
			X	10B. DATED (SEE ITEM 13) 2000 NOV 16
CODE 1NLE2	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.  
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 ACKNOWLEDGEMENT 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)**

NO CHANGE IN OBLIGATION AMOUNT

**13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS,  
IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.**

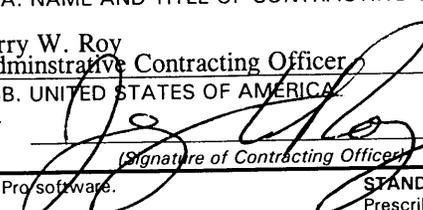
(X)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
X	FAR 52.243-1 and FAR 52.243-2 (Alternate II).
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes 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  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 PAGE 2.

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)	
		Jerry W. Roy Administrative Contracting Officer	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA	16C. DATE SIGNED
(Signature of person authorized to sign)		BY 	20011218
		(Signature of Contracting Officer)	

CONTINUATION SHEET	REFERENCE NO. OF DOCUMENT BEING CONTINUED	PAGE	OF	PAGES
		2		2

Contract DAAE07-00-D-M051 / Modification 00002

PROGRAM: Family of Interim Armored Vehicles

1. This is a unilateral modification to requirements contract DAAE07-00-D-M051.
2. The purpose of this modification is to add CDRL A036, Production Line of Balance Status, CDRL A037, MANPRINT Data Report and CDRL A038, Government Furnished Material/Equipment Report to the requirements contract.
3. CDRL A036, CDRL A037 and CDRL A038 are hereby added to Exhibit A of the requirements contract, DAAE07-00-D-M051 (copies attached).
4. Page 7a, (copy attached), is hereby added to the requirements contract DAAE07-00-D-M051, Section C, Statement of Work.
5. A new Page 11, (copy attached), replaces the old page 11 and is hereby added to the requirements contract DAAE-07-00-D-M051, Section C, Statement of Work.
6. Page E-4a, (copy attached), is hereby added to the requirements contract DAAE07-00-D-M051, Section E, Inspection and Acceptance.
7. Except as specifically stated herein, all terms and conditions remain unchanged and in full force and effect.

\*\*\*\*End of Modification A00002\*\*\*\*

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

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

D. SYSTEM/ITEM      E. CONTRACT/PR NO.      F. CONTRACTOR  
Family of Interim Armored Vehicles      DAAE07-00-D-M051      GM GDLS Defense Group

1. DATA ITEM NO.      2. TITLE OF DATA ITEM      3. SUBTITLE  
A036      Production Line of Balance Status

4. AUTHORITY (Data Acquisition Document No.)      5. CONTRACT REFERENCE      6. REQUIRING OFFICE  
DI-MGMT-80034      C.3.4.9      SFAE-GCSS-W-BCT-E

7. DD 250 REQ LT	9. DIST STATEMENT REQUIRED	10. FREQUENCY MONTHLY	12. DATE OF FIRST SUB. See Block 16	14. DISTRIBUTION			
8. APP CODE		11. AS OF DATE 10-Dec-01	13. DATE OF SUBS. SUB. MONTHLY	a. ADDRESSEE		b. COPIES	
				Draft	Final		
					Reg	Repro	

16. REMARKS  
The first report shall be delivered forty-five days after modification to the contract. Subsequent reports shall be submitted monthly; shall cover the reporting period of the first day through the last day of each calendar month; and shall be delivered within seven calendar days following the last day of the month for which the production progress is being reported. The Line of Balance (LOB) Report shall include the status of production activities related to variant peculiar hull structures and vehicle assemblies. Electronic submission is required.

**OBJECTIVE CHART:**  
The Objective Chart (ref. DID DI-MGMT-80034, para 10.2.1.a) will include:  
a. Monthly contracted deliveries by variant configurations and cumulative contracted monthly deliveries (all variants combined).  
b. Monthly actual deliveries by variant configurations and cumulative actual monthly deliveries (all variants combined) through the current month.  
c. Monthly delivery variances (actual vs contract) by variant configurations and cumulative variances (all variants combined) through the current month.  
Whenever the actual deliveries deviate from the contract deliveries, a minus sign (-) shall indicate "behind schedule" and a plus sign (+) shall indicate "ahead of schedule".  
The contract schedule for the Objective Chart for the hull fabrication (including upper hull) and vehicle assemblies produced by the subcontractors, GMD and GDLS (Lima and Anniston) will be in accordance with the contract(s)/ purchase order(s) with their prime contractor.

**PRODUCTION PLAN**  
The Production Plan (ref. DID DI-MGMT-80034, para 10.2.1.b, and Figure 1) will provide production process flow diagram(s) which represents the respective leadtimes between production control points schematically depicting the entire production operation for hull fabrication (including upper hull) and vehicle assembly of variant configurations. These control points, which represent groups of materials, components, and major assembly or fabrication operations required in the manufacture of a system or major component of a system, will be numbered in sequence. The leadtimes for these points will be shown graphically against a time scale at the bottom of the chart. The flow diagram will identify major purchased items, subcontractor items, contractor furnished items and government furnished materials. All time phasing will be expressed in leadtime prior to the end item delivery. A description of the activities at each control point will be provided in a tabular form.  
The first two control points for hull fabrication (including upper hull) will be ordering of armor steel and receipt of armor steel expressed in vehicle sets. The first control point for vehicle assembly will be the availability of hull for assembly.  
Use and color coding of symbols in the production plan is optional.

SFAE-GCSS-W- BCT-E		1				
DCMA(ACO)		1				
15. TOTAL ----->				2		

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

17. PRICE GROUP

---

18. ESTIMATED TOTAL PRICE







**C.3.4.9 Production Line of Balance.**

**C.3.4.9.1 Production Status.** The contractor shall report the production status of each variant peculiar hull structure and vehicle assembly IAW CDRL A036.

MTMCTEA, for the IAV on the C-130, C-17 and C-5 aircraft. In addition, the contractor shall also obtain transportability approval from MTMCTEA for the IAV that includes highway, rail, marine and air transport modes.

**C.3.7.3 Test Incident Reports (TIR)/Failure Analysis & Corrective Action Report (FACAR).** The Contractor shall be responsible for assessing the test site computer databases, the Army Test Incident Reporting System (ATIRS), for all TIR data during Government Required tests. Upon receipt of a TIR, the Contractor shall assess the failure and shall furnish a failure analysis with the proposed corrective action as set forth in Attachment 26 and IAW CDRL A011. Receipt is defined as the day the TIR is posted to the database.

**C.3.8 Tests.** The contractor shall plan and conduct test activities and support Government testing. The contractor shall document and provide test support packages that include training for operator/crew and maintenance personnel, technical manuals, spare and repair parts, field service representatives to support all testing of vehicles in a production configuration, and test sites.

**C.3.8.1 Contractor Tests (Shakedown/Control Testing).** The contractor shall perform shakedown/control testing on each variant/configuration IAW Section E.

**C.3.8.2 Production Verification Testing (PVT).** The Government will perform PVT on each variant/configuration in production. This testing may be tailored in the event that sufficient technical test data already exists. The contractor shall support the government planning and execution of PVT. The contractor shall resolve all GFE integration and vehicle performance issues that result from PVT.

**C.3.8.3.2 Reserved**

**C.3.8.4 Reserved**

**C.3.8.5 Reserved**

**C.3.8.6 Reserved**

**C.3.8.7 Refurbishment of Test Vehicles. (OPTION NOT PRICED)** the contractor shall furnish all test vehicles used in Government Testing (Production Verification Testing (PVT), Initial Operational Test & Evaluation (IOT&E), and Live Fire Test & Evaluation LFT&E)) to production standards after testing is completed, except those vehicles which have been damaged to a point where refurbishment would be cost prohibitive. The contractor shall correct all deficiencies found during Government testing.

**C.3.9 Manpower and Personnel Integration (MANPRINT).** For changes and modifications to the variants/configurations, the contractor shall develop and implement a MANPRINT program. The program shall address effective total system performance and minimize life cycle cost by capitalizing on the soldier's capabilities, mitigating soldier limitations, and ensuring the system(s) requirements are met with the soldiers involvement. The MANPRINT program shall include aspects of all seven (7) domains (Human Factors Engineering, Manpower, Personnel, Training, System Safety, Health Hazards, and Soldier Survivability). The IPT shall use human figure and performance modeling and analysis techniques (potential models include Transom Jack and IMPRINT) to evaluate systems as a function of soldier performance and soldier-related life cycle cost. The contractor shall submit data, in electronic format, for each IAV configuration IAW CDRL A038, MANPRINT Data Report.

**C.3.9.1 Manpower, Personnel, and Training.** The contractor shall establish a Manpower, Personnel, and Training program to ensure that soldier-related manpower and personnel costs are minimized while retaining maximum combat effectiveness through system design and the optimum use of Manpower, Personnel, and Training resources. The impact of fielding the system on the existing Manpower, Personnel, and Training structure shall be evaluated by the contractor and documented. All vehicle designs and modifications shall be analyzed to ensure maximum use of available Manpower, Personnel, and Training resources for the Brigade Combat Team. The contractor shall identify any Manpower, Personnel, and Training shortfalls or issues and implement appropriate resolutions.

**E.9.1 Government Furnished Material/Equipment (GFM/E) Reporting.** The contractor shall report any defective Government Furnished Material/Equipment (GFM/E) IAW CDRL A038.