

2. Amendment/Modification No. 15	3. Effective Date 2003MAY12	4. Requisition/Purchase Req No. SEE SCHEDULE	5. Project No. (If applicable)
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6. Issued By TACOM SFAB-GCS-W-BCTP VIVIAN L. NORDAUNE (586)753-2068 WARREN, MICHIGAN 48397-5000 HTTP://CONTRACTING.TACOM.ARMY.MIL EMAIL: NORDAUNV@TACOM.ARMY.MIL	Code	W56HZV	7. Administered By (If other than Item 6) DCMA DETROIT U.S. ARMY TANK & AUTOMOTIVE COMMAND (TACOM) ATTN: DCMAE-GJD WARREN, MI 48397-5000	Code	S2305A
			SCD A PAS NONE ADP PT 000001		

8. Name And Address Of Contractor (No., Street, City, County, State and Zip Code) GM GDLS DEFENSE GROUP L.L.C. 14920 TWENTY-THREE MILE ROAD SHELBY TOWNSHIP, MI 48315 TYPE BUSINESS: Large 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. DAAE07-00-D-M051/0010
	<input type="checkbox"/>	10B. Dated (See Item 13) 2002MAR23
Code INLE2	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)
NO CHANGE TO OBLIGATION DATA

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: FAR 52.243-2 Changes Cost Reimburse	
<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) SANDRA E. MCCARROLL MCCARROS@TACOM.ARMY.MIL (586)573-2072
15B. Contractor/Offeror _____ (Signature of person authorized to sign)	15C. Date Signed
	16B. United States Of America By _____ /SIGNED/ (Signature of Contracting Officer)
	16C. Date Signed 2003MAY12

CONTINUATION SHEET**Reference No. of Document Being Continued****Page 2 of 3**

PIIN/SIIN DAAE07-00-D-M051/0010

MOD/AMD 15

Name of Offeror or Contractor: GM GDLS DEFENSE GROUP L.L.C.

SECTION A - SUPPLEMENTAL INFORMATION

Program: Stryker Armored Vehicle Program

1. This Modification 15 to Delivery Order 0010 under Requirements Contract DAAE07-00-D-M051 is a supplemental agreement.
2. Pursuant to the Changes Cost-Reimbursement (Alternate II (APR 1984) Clause FAR 52.243-2 (AUG 1987), contained in the contract, the parties hereby agree that the contractor shall perform the IID/ICD effort specified below. The contractor shall deliver the products incrementally in accordance with the schedule reflected in Paragraph 7 below.
3. On 12 April 2003, the Contractor and the Government executed a Memorandum Of Understanding (MOU) for the resolution of open contractual issues. An agreement to perform the IID/ICD effort on a cost reimbursement basis (no fee) was included in the MOU, dated 12 April 2003. Furthermore, as a part of the equitable adjustment to resolve outstanding contractual issues, the contractor hereby agrees to perform the effort delineated below at no cost to the Government.
4. The contractor shall prepare Installation Interface Definitions using the necessary engineering design and analysis that was performed to integrate the C4ISR equipment into the Stryker vehicles/platforms. The completed IIDs shall be placed under the contractor's Configuration Management control. The contractor shall update the FBCB2, SINGGARS, EPLRS ICDs to reflect the Stryker configuration. The FBCB2, SINGGARS, and EPLRS ICDs are provided as GFI. The contractor shall review, analyze, and identify discrepancies between the ICDs and the current Stryker production vehicle configuration.
5. The IID's shall be used as building blocks for the future development of ICDs (e.g. majority of the IID shall be transferable to future ICD development). The contractor shall identify common locations for each item so as to avoid IID duplication. The contractor shall prepare a single IID for each C4ISR LRU/system with appendices used for each different vehicle application. The contractor shall use the vehicle diagrams to identify the overall application of the LRUs/system. The prioritized list shown below shall include any associated antennae for each LRU/system.
6. The C4ISR LRU IIDs by vehicle are:
 - ICV: FBCB2, All SINGGARS, EPLRS, All PLGR, VIC-3 Including All Applicable Subcomponents (i.e., MCS, FFCS, RIT, Loud Speaker), DVE, Company Commander Kit.
 - CV: FBCB2, All SINGGARS, EPLRS, All PLGR, VIC-3 Including All Applicable Subcomponents (i.e., MCS, FFCS, RIT, Loud Speaker), Printer, FHMUX, NTDR, HF and Coupler, SATCOM, MCS, FOS LCU, ASAS NCU, ADC/IP, SEP, TOC Intercom, Media Converter, DVE.
 - ESV: FBCB2, All SINGGARS, EPLRS, PLGR, VIC-3 Including All Applicable Subcomponents (i.e., MCS, FFCS, RIT, Loud Speaker), DVE.
 - FSV: FBCB2, All SINGGARS, EPLRS, All PLGR, VIC-3 Including All Applicable Subcomponents (i.e., MCS, FFCS, RIT, Loud Speaker), FHMUX, FOS LCU, Striker (Knight) MEP, Battery Charger (COTM), DVE.
 - MCA: FBCB2, All SINGGARS, EPLRS, All PLGR, VIC-3 Including All Applicable Subcomponents (i.e., MCS, FFCS, RIT, Loud Speaker), DVE.
 - MEV: FBCB2, All SINGGARS, EPLRS, PLGR, VIC-3 Including All Applicable Subcomponents (i.e., MCS, FFCS, RIT, Loud Speaker), DVE.
 - MGS: FBCB2, All SINGGARS, SINGGARS Control Monitor, EPLRS, PLGR, VIC-3 Including All Applicable Subcomponents (i.e., MCS, FFCS, RIT, Loud Speaker), DVE.
 - NBCRV: FHMUX, FBCB2, All SINGGARS, EPLRS, PLGR, VIC-3 Including All Applicable Subcomponents (i.e., MCS, FFCS, RIT, Loud Speaker), Printer, DVE.
 - RV: FBCB2, All SINGGARS, EPLRS, All PLGR, VIC-3 Including All Applicable Subcomponents (i.e., MCS, FFCS, RIT, Loud Speaker), LRAS3, Battery Charger (COTM), DVE.
 - ATGM: FBCB2, All SINGGARS, EPLRS, All PLGR, VIC-3 Including All Applicable Subcomponents (i.e., MCS, FFCS, RIT, Loud Speaker), MITAS, DVE.
7. The delivery schedule is as follows:
 - a. FBCB2 updated ICD delivered NLT 30 June 2003.
 - b. SINGGARS updated ICD delivered NLT 30 July 2003.
 - c. EPLRS updated ICD delivered NLT 30 July 2003.
 - d. FBCB2 IID delivered No Later Than (NLT) 30 July 2003.

CONTINUATION SHEET**Reference No. of Document Being Continued****Page 3 of 3**

PIIN/SIIN DAAE07-00-D-M051/0010

MOD/AMD 15

Name of Offeror or Contractor: GM GDLS DEFENSE GROUP L.L.C.

8. The contractor shall provide the FBCB2 IID which will include a dimensioned picture of the LRU, a dimensioned picture of the LRU installed in the rack, the electrical interfaces of the LRU, and the specifications.

a. The LRU picture will consist of an isometric view and dimensional views indicating over-all dimensions, mounting locations, vent locations and electrical connector placement. The mounting locations shall include mounting holes (sizes and thread sizes).

b. The LRU will be shown in the same orientation as the LRU placed in the rack. Dimensions will show the location of the mounted LRU and the three-dimensional space available in the rack. Encroachment into the three-dimensional space will be identified. C4ISR LRUs are not always installed the same way in every variant. An IID may need multiple appendices to cover each different installation of the same component. The contractor shall provide digital photos of the actual LRU installed in each different application. The IID will be developed based on the design/integrated product of the Stryker vehicles.

9. The utilized electrical interfaces will be listed by connector J-numbers and will be accompanied by the connector part number, a numbered list of pins, and the signal carried on each pin. The IIDs shall have detail to assess impacts if a C4ISR LRU or the C4ISR Installation Kit is modified. A spreadsheet with the interface types, i.e. power, Ethernet, RS232, RS422 or other protocol, and connector type should be defined. The above applies to grounding connections. Identify ports that are not used.

10. The specification portion of the IID shall include weight, system dimensions, part number and NSN, supplier, function, identify the shock mount and the specification it meets, power available, power consumed, and interfaces. Power available is defined as: the input voltage, circuit breaker rating, and identification of other units sharing the same power circuit. The IID shall also include the input voltage, the environment data (temperature, vibration, shock and humidity) and operating temperature range. It will also include vehicle environment as defined in the Performance Specification. The IID shall specify the vehicle configuration that the IID applies to. Existing contractor-generated associated drawings and documents developed under this contract, such as approved ICDs, drawings (i.e., C4ISR installation, cable drawings, one-wire and two-wire mechanization drawings), specifications, etc., as applicable to the IID, shall be provided if adequate and/or necessary detail is not contained in the IID. If a document is referenced in the IID and no detail provided, the referenced document shall be provided. As required, the contractor shall provide the above documents in accordance with CDRL A063 (IDE). The contractor shall identify, in the IID, any required specification data not available.

11. Implementation/process plan, sample IID, and schedule will be provided in the next IPT meeting. In accordance with CDRL A064, deliverables under this modification are ICDs and IIDs for items listed above, schedule (task and duration of each product completion date), and implementation plan. As a part of the monthly report, the contractor shall provide notification of any contractor generated ECO which changes the IID. Progress reports will be accomplished during the existing C4ISR/vehicle IPTs, once every two (2) months and quarterly at the MICOS.

12. This modification incorporates the following Contract Data Requirements Lists (CDRLs) into Delivery Order 0010.

a. CDRL A063 is incorporated for the delivery of the existing contractor-generated associated drawings and documents developed under Contract DAAE07-00-D-M051.

b. CDRL A064 is incorporated for the delivery of the FBCB2 updated ICD, the SINGGARS updated ICD, the EPLRS updated ICD and the FBCB2 IID. The delivery dates for these items is specified in Paragraph 7 above.

13. The contractor is required to segregate all hours and costs expended for this effort into a separate work account which can be reviewed by the Government.

14. As a result of this Modification 15 to Delivery Order 0010, the price of Delivery Order 0010 is neither increased nor decreased. Except as specifically stated above, all other terms and conditions of Delivery Order 0010 remain unchanged and in full force and effect.

*** END OF NARRATIVE A 013 ***