

2. Amendment/Modification No. 10	3. Effective Date 2003JUN23	4. Requisition/Purchase Req No. SEE SCHEDULE	5. Project No. (If applicable)
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6. Issued By TACOM WARREN BLDG 231 SFAE-GCS-W-BCTP JOE CLAYTON (586)753-2084 WARREN, MICHIGAN 48397-5000 HTTP://CONTRACTING.TACOM.ARMY.MIL EMAIL: CLAYTONJ@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 SC1012		

8. Name And Address Of Contractor (No., Street, City, County, State and Zip Code) GM GDLS DEFENSE GROUP LLC, JOINT VENTURE 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-M051/0018
Code INLE2	Facility Code	10B. Dated (See Item 13) 2002SEP19

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: Mutual Agreement of the Parties	
<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) CONSTANCE M. TUCKER TUCKERC@TACOM.ARMY.MIL (586)753-2019
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 2003JUN23

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SECTION A - SUPPLEMENTAL INFORMATION

Program: Stryker Family of Armored Vehicles

1. This Modification 10 to Delivery Order 0018 under Requirements Contract DAAE07-00-D-M051, is a supplemental agreement.
2. The Government has determined that some GFM/ASIOE items/systems require contractor support under Delivery Order 0018. The current scope under paragraph C.10.1.2 specifically excludes GFM/ASIOE from coverage under Delivery Order 0018. This modification revises paragraph C.10.1.2 to allow the Procuring Contracting Officer (PCO) to identify specific components/systems from Attachment 5 to the basic contract for support under Delivery Order 0018.
3. Section C.10.1.2 is revised as follows:

* C.10.1.2 Upon future written direction by the Contracting Officer, the contractor shall provide the support described under C.10 for the GFM/ASIOE components identified in the letter pursuant to the Changes Clause (Changes - Cost Reimbursement (Alternate II (Apr 1984))(Aug 1987)). GFM/ASIOE is identified in Attachment 5 of the Basic Requirements Contract.
4. Except as specifically stated above, all other terms and conditions of Requirements Contract DAAE07-00-D-M051 remain unchanged and in full force and effect.

*** END OF NARRATIVE A 010 ***

Name of Offeror or Contractor:

SECTION C - DESCRIPTION/SPECIFICATIONS/WORK STATEMENT

C.10 CONTRACTOR SUPPORT TO GOVERNMENT TESTING

C.10.1.1 The contractor shall support Government testing. The contractor shall document and provide test support packages that include training for operator/crew and maintenance personnel, technical manuals, common and unique spare and repair parts, special tools and test equipment, field service representatives to support all testing of vehicles, and test sites. The Contractor shall resolve all GFE integration and vehicle performance issues that result from Government Testing.

* C.10.1.2 Upon future written direction by the Contracting Officer, the contractor shall provide the support described under C.10 for the GFM/ASIOE components identified in the letter pursuant to the Changes Clause (Changes - Cost Reimbursement (Alternate II (Apr 1984))(Aug 1987)). GFM/ASIOE is identified in Attachment 5 of the Basic Requirements Contract.

C.10.1.3 For all tests, except Initial Operational Test and Evaluation (IOT&E) and unless otherwise specified by the PCO, the Contractor shall provide sustained support for all test requirements to maintain vehicles to avoid delay in Government tests by using two (2) ten (10) hour shifts, six (6) days a week. **

C.10.1.4 The Contractor shall provide the initial vehicle deprocessing at the test site.

C.10.1.5 The Contractor shall be responsible for furnishing repair parts and technical support for the vehicles at all the Government test sites identified in Section C.10 of this contract during test. Contractor technical support shall include technical representation at the Government test site throughout the test period. The Government will provide storage facilities for Contractor furnished repair parts at the test site. The Contractor shall provide Field Service Representatives (FSRs) at all Government test sites specified in this contract that shall advise and make recommendations to orient and instruct Government personnel with respect to operations, maintenance, repair and parts supply for the equipment furnished under this contract. The Contractor shall provide the Government data collector any errors/inconsistencies discovered in technical manuals or publications during this maintenance.

C.10.2 Government Test

C.10.2.1 The Contractor shall support Government Production Verification Testing. The Contractor shall provide materiel to support PVT, which is built to a production configuration using normal manufacturing methods and tooling.

C. 10.2.2 The contractor shall support PVT at the sites listed below:

- a. Aberdeen Test Center (AT)
- b. Cold Regions Test Center (CRTC)
- c. Dugway Proving Ground (DPG)
- d. Electronic Proving Ground (EPG)
- e. Redstone Technical Test Center (RTTC)
- f. Waterways Experiment Station (WES)
- g. Yuma Proving Ground (YPG)
- h. White Sands Missile Range (WSMR)

C.10.2.3. The Contractor shall support PVT Sub-Tests. The main PVT sub-tests include, but are not limited to the following:

- a. Automotive Performance
- b. Electromagnetic Environmental Effects (E3) and Nuclear Weapons Effects (NWE)**
- c. Environmental Extremes
- d. Fire Control and Weapons Performance
- e. Human Factors Engineering (HFE)
- f. Interoperability and Mission Equipment Package (MEP) Integration
- g. Manpower and Personnel Integration (MANPRINT)
- h. Noise Levels
- i. Nuclear Biological and Chemical
- j. Physical Characteristics
- k. Reliability
- l. System Safety
- m. Transportability

C.10.2.4 Reserved

C.10.2.5 The Contractor shall plan and support vehicle operation covering the following:

- a. RV - Cross Country 60%, Secondary Road 30%, Primary Road 10%
- b. All Others - Cross Country 50%, Secondary Road 30%, Primary Road 20%

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C.10.2.6 Vehicles Assets

C.10.2.6.1 The Contractor shall support the following vehicles for the duration of Government PVT testing:

- a. Seven (7) ICVs
- b. Five (5) MGSs
- c. Four (4) MCs; One (1) MC-A, and three (3) MC-Bs
- d. Three (3) each of all other ICV configurations

C.10.2.6.2 Vehicles will be tested for an estimated period of nine (9) months.

C.10.3 Production Qualification Testing (PQT)

C.10.3.1 The contractor shall support Government Production Qualification Testing (PQT). The Contractor may provide prototype and/or production materiel.

C.10.3.2 The Contractor shall support PQT at the following sites:

- a. Aberdeen Test Center (ATC)
- b. Dugway Proving Ground (DPG)
- c. Electronic Proving Ground (EPG)
- d. Redstone Technical Test Center (RTTC)
- e. Yuma Proving Ground (YPG)
- f. White Sands Missile Range (WSMR)

C.10.3.3 The contractor shall support PQT Sub-Tests. The main PQT sub-tests include but are not limited to the following:

- a. Automotive Performance
- b. Electromagnetic Environmental Effects (E3) and Nuclear Weapons Effects (NWE)
- c. Environmental Extremes
- d. Fire Control and Weapons Performance
- e. Human Factors Engineering (HFE)
- f. Interoperability and Mission Equipment Package (MEP) Integration
- g. Manpower and Personnel Integration (MANPRINT)
- h. Noise Levels
- i. Nuclear Biological and Chemical
- j. Physical Characteristics
- k. Reliability
- l. System Safety
- m. Transportability

C.10.3.4 The contractor shall plan and support vehicle operation covering the following: Cross Country 50%, Secondary Road 30%, Primary Road 20%.

C.10.3.5 PQT Vehicles Assets

C.10.3.5.1 The contractor shall support the following vehicles and time periods during Government PQT testing:

- a. Three (3) NBCRVs for a period of seven (7) months
- b. Five (5) MGSs for a period of eleven (11) months

C.10.4 Operational Test

C.10.4.1 For Operational testing, the Contractor shall support the vehicles identified herein for the duration of the operational test:

- a. One (1) NBCRV for a period of two (2) months
- b. One (1) MGS for a period of three (3) months

C.10.4.1.2 The MGS operational testing will be conducted at Fort Knox, Ky. The NBCRV operational testing will be conducted at Dugway Proving Ground, Utah.

C.10.5 Initial Operational Test and Evaluation (IOT&E)

C.10.5.1 The contractor shall support Initial Operational Test and Evaluation (IOT&E) on each variant/configuration. For this testing,

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the Contractor shall provide support as required for IOT&E.

C.10.5.2 The Contractor shall support IOT&E for a period of :

Phase One - IOT&E ***

Support Requirement deleted by Modification 08 to Delivery Order 0018, except that off-site, on-call, engineering and technical support may be used, as required and authorized.

Phase Two - IOT&E

- i. Two (2) MC-B for a period of four (4) months
- j. Two (2) NBCRVs for a period of four (4) months
- k. Three (3) MGSs for a period of four (4) months

C.10.5.3 Test Sites for IOTE. The Contractor shall support IOT&E at the following sites. Test Site Locations:

- a. ICV, ATGM, CV, ESV, FSV, MC-A, MEV, RV at Fort Knox, Ky
- b. NBCRV at Dugway Proving Ground, Utah
- c. MGS, MC-B at a Combat Training/Test Center TBD

C.10.6 Live Fire Test and Evaluation

C.10.6.1 The Contractor shall support Live Fire Test and Evaluation (LFT&E), which will be conducted at Aberdeen Test Center. The contractor shall provide materiel, which is built to a production configuration using normal manufacturing methods and tooling.

C.10.6.2 The Contractor shall support the following vehicles and time periods during Government LFT&E testing:

- a. Three (3) ICV for a period of twelve (12) months
- b. Three (3) MGS for a period of twelve (12) months
- c. One (1) of all Other configurations* for a period of nine (9) months

* RV, MC, CV, FSV, ESV, MEV, ATGM, and NBCRV**

C.10.6.3 The contractor shall provide all required support for the vehicles denoted in C.10.6.2, except MC (A) for the duration of Live Fire Test.

C.10.6.4 Exception to MC (A). The Government will not conduct Live Fire Test on MC (A).

C.10.7 Reserve

C.10.8 System Support Packages for Government Test

C.10.8.1 Support Package List. The Contractor shall prepare and provide a System Support Package List (IAW the CDRL A030), for each test required, to the Government thirty (30) days prior to delivery of vehicles to Government test sites SSPL (Contractor form is acceptable). The SSPL shall define the required support elements: for example; all spare parts required, technical representatives, parts storage containers or trailers required, technical manuals and other items that are required to successfully complete testing not limited to, the following:

- a. Spare/repair parts utilized during past test. All items required to support the service intervals defined in the technical manuals
- b. Peculiar common/special tools and Test, Measurement, and Diagnostics Equipment (TMDE)
- c. Training and support of test site personnel
- d. Personnel requirements quantity by Military Occupational Specialty
- e. Basis Issue Items
- f. List and quantity of expendable supplies such as Petroleum, Oil and Lubricants

C. 10.8.2 Contractor System Support Package. The Contractor shall assemble, furnish and ship (to include packing, packaging, and transportation) the SSP to each designated test site prior to the start of test. The SSP shall include all required contractor support parts and items. The Contractor system support package does not include GFM related support.

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C.10.8.3 Tracking and After Action Reports. The Contractor shall maintain a database containing all System Support Package (SSP) parts acquired in support of Government testing. The Contractor shall deliver an electronic file, in Contractor format, of that database as described in CDRL A050, Exhibit D**. The contractor shall prepare an After Action Report (AAR), in contractor format, each week noting items provided, maintenance completed, spare parts provided, items still required, serial numbers of major components as described in CDRL A051, Exhibit E**.

C.10.9 Test Incident Reports (TIRs)/Failure Analysis & Corrective Action Reports (FACARs). The contractor shall be responsible for accessing the test site computer databases, the Army Test Incident Reporting System (ATIRs), for all TIR data during Government required tests/exercises,. 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 this contract provision and in accordance with CDRL A011. Receipt is defined as the day the TIR is posted to the database. FACAR responses shall be provided in Microsoft Word format to the VISION Digital Library. If corrective action is required, Final Close out of the FACAR is a completed COTPI. The redesign activity, if required, will not be charged to the Government Test Support contract (Delivery Order 0018).

C.10.9.1 Costs related to TIRs/FACARs for PQT, LFT&E, EMD PHASE OT, IOT&E, MAV-CE, and EMD LOGDEMO will be charged to D.O. 0018.

C.10.9.2 Costs related to Test Incident Reports (TIRs)/Failure Analysis & Corrective Action Reports (FACARs) for PVT will be charged to D.O. 0018. PVT TIR/FACAR costs will be collected and segregated per the requirements of H. 34 until definitization.

C.10.10 Additional Government Testing

C.10.10.1 The Government reserves the right to conduct additional testing of the Block Improvements identified at C.7 of the Requirements Contract, such as PVT, LFT&E, and OT as applicable to verify full system performance.

C.10.11** Parts Priorities

C.10.11.1** Allocation of Parts to Correct Vehicle Shortages or Other Corrective Actions

C.10.11.2** Priorities

Vehicles or Part shortages can occur for a variety of reasons during the course of Government testing to include shortages in production, parts required to implement corrective actions, contractor changes requiring retrofit (COTPIs) or warranty actions. Parts to correct or complete vehicles shall be allocated in accordance with the following priorities, unless otherwise identified by the PCO/ Contracting Office Technical Representative (COTR).

- a. Test Vehicles
- b. Logistic Demo Vehicle(s)
- c. IOTE Vehicles
- d. FLM NET
- e. Other Fielded Vehicles
- f. Logistic or Test Support Packages
- g. DD250 Vehicles Shipped in Place
- h. Production Vehicles Not Yet Presented for Acceptance

C.10.11.3** Replacement Items. Replacement items required to continue testing, which are not identified and not furnished with the System Support Package or were not furnished in sufficient quantities, shall be provided by the Contractor within twenty-four (24) hours after notification of the shortage.

C.10.11.4** Diversion of Assets in Support of IAV Government Testing

In accordance with paragraph C.10.10.2.2 Replacement Items and upon direction by the Government, the contractor shall divert production assets, both contractor owned and Government owned, to support the tests or system exercises. The contractor shall obtain parts assets for diversion in the following order:

- a. From Contractor parts bins (if CFM); from GFM stores (if GFM)
- b. From the Contractors production line.
- c. From Government owned vehicles not yet shipped

Both Government oral direction for diversion and/or if necessary to pull part assets from Government owned vehicles will be confirmed in writing by the Contracting Officer and will specify the part(s) asset and quantities to be diverted or pulled. The Contracting Officers Technical Representative (COTR), will provide the immediate oral notification to divert or pull part assets. The COTR will be appointed by PCO letter.

C.10.11.5** Shipping Address

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The COTR will provide the test site shipping address at the time of direction. The Contractor shall ship the (required) part(s) by air using Fed Ex or other overnight shipping company to the test sites.

C.10.11.6** Reimbursement Costs

The Contractor shall charge the test support contract (Delivery Order 0018) for direct labor to pull, pack, and crate, handle, and ship diverted part assets to and from the specified plant. The contractor shall transfer any diverted components to the Delivery Order 0018 and shall reorder/replace production part assets as required. In the event replacement costs differ from the original cost of any diverted part asset, the difference in costs shall be charged to Delivery Order 0018. The cost to repair of test site part assets shall be charged to the Delivery Order 0018. Repaired assets may be returned to stock in the plants for use on new production as required. In the event replacement costs differs from the original cost of any diverted asset, the difference in the costs will be charged to Delivery Order 0018. The Contractor shall not repair items when the repair cost exceeds 100% of the replacement cost. Nothing in this contract requirement increases the estimated costs of Delivery Order 0018.

C.10.11.7** Potential Warranty Coverage

If any part(s) asset removed from vehicles in test is later determined to be covered by the warranties included in this contract, the contractor shall credit the Test Support Delivery Order 0018 with any cost to repair or replace (whichever is applicable) the warranted asset.

C.10.11.8** Pass-Through Warranties

The Contractor shall ensure that all applicable Pass-Through Warranties are provided to the Government.

C.10.11.9** Acceptance/Production Work Arounds

If vehicles are otherwise ready for acceptance and the contractor is missing parts as a result of the requirement to support test, the contractor shall replace the part prior to DD250, if possible. If the missing parts are unavailable at the time of processing, the contractor will utilize other production parts or production aids to process the vehicle(s) through the FIR process. The contractor shall request PCO authority to pull missing parts from previously accepted vehicles. Upon replacement of borrowed assets, the contractor may invoice for the missing parts in accordance with the terms of the applicable conditional acceptance modification.

C.10.12 ** Cost Type

C.10.12.1** The test effort described in Section C.10 shall be performed on a Cost Plus Fixed Fee basis.

C.10.12.2** Monthly Performance Report

The Contractor shall develop a Performance Measurement Baseline in accordance with CDRL A052, Exhibit F** and submit a monthly an Estimate-at-Completion (EAC) in Contractor format for all work performance to support Government test. The monthly report shall consist of the following:

- a. Comparison of actual cost versus baseline in total **
- b. Narrative of activities supported
- c. Estimate of cost to complete
- d. Comparison of actual time spend supporting test activities to original baseline estimate in total **
- e. Revised support requirement time line

**Changed by P02

* Changed by Modification 10

*** END OF NARRATIVE C 001 ***