



**Name of Offeror or Contractor:** GM GDLS DEFENSE GROUP LLC, JOINT VENTURE

SECTION A - SUPPLEMENTAL INFORMATION

PROGRAM: STRYKER FAMILY OF VEHICLES - ENGINEERING, MANUFACTURING AND DEVELOPMENT

1. This Modification CF to Delivery Order 0001 under Requirements Contract DAAE07-00-D-M051 is a bilateral modification.
2. This effort consists of the scope of work that was originally submitted under Work Directive 0012-106.
3. PM BCT directed upgrades to the Add-on Armor (AoA) Kit in Procuring Contracting Officer (PCO) letter dated 28 April 2004. One of the upgrades involves additional coverage below the sponson shelf. Due to the weight and mounting requirements of the ERA modules, this additional coverage will not be ERA. The Contractor has been directed to integrate a slat armour solution for this area. It shall be similar to the slat armour system that currently exists on fielded Stryker vehicles. The Statement of Work (SOW) contained in Section C of this modification is based on the revised PM-BCT SOW Rev 4, dated 13 July 04, and as amended on 6 Aug 04 in a telephone conversation between PM-BCT and the Contractor.
4. The Contractor shall submit a cost report of the manhours and dollars expended under this work directive in accordance with Contract Data Requirements List (CDRL) A062 entitled, "Level of Effort Cost Status Report". The cost report shall include monthly status of manhours and funds expended in Contractor format. The Contractor shall report costs associated with this work directive as segregable and separate entries on the CDRL A062 submission.
5. The Contractor shall provide data in accordance with CDRLs A156 entitled, "Engineering/Reliability Documentation for Level "B" Side Skirts", A157 entitled, "ECO/CR for Level "B" Side Skirts" and A158 entitled, "Status Report for Level "B" Side Skirts".

6. As a result of this modification:

- (a) CLINs 6004AF, 6004AG and 6004AH are hereby added to the contract
- (b) CDRLs A156, A157 and A158 are hereby added to the contract
- (c) the manhours and dollars (Cost Plus Fixed Fee) funded under CLIN 6004AF are established as follows:

	MANHOURS	TOTAL ESTIMATED COST	FIXED FEE	TOTAL ESTIMATED AMOUNT
Total to Date		\$ 0.00	\$ 0.00	\$ 0.00
This Modification	8,156	\$ 749,944.00	\$ 65,656.00	\$ 815,600.00
Total Labor and Dollars	8,156	\$ 749,944.00	\$ 65,656.00	\$ 815,600.00

(d) the material/travel/ODCs dollars (Cost Plus Fixed Fee) funded under CLIN 6004AG are established as follows:

	TOTAL ESTIMATED COST	FIXED FEE	TOTAL ESTIMATED AMOUNT
Total to Date	\$ 0.00	\$ 0.00	\$ 0.00
This Modification	\$ 50,103.00	\$ 4,383.00	\$ 54,486.00
Total Material/Travel/ODCs	\$ 50,103.00	\$ 4,383.00	\$ 54,486.00

(e) the travel dollars (Cost - No Fee) funded under CLIN 6004AH are established as follows:

	TOTAL ESTIMATED COST	FIXED FEE	TOTAL ESTIMATED AMOUNT
Total to Date	\$ 0.00	\$ 0.00	\$ 0.00
This Modification	\$ 19,980.00	\$ 0.00	\$ 19,980.00
Total Material/Travel/ODCs	\$ 19,980.00	\$ 0.00	\$ 19,980.00

7. As a result of this modification, the total amount funded under Delivery Order 0001 is increased by \$ 890,066.00.

8. Except as specifically stated above, all other terms and conditions of Delivery Order 0001 remain unchanged and in full force and effect.

**CONTINUATION SHEET**

**Reference No. of Document Being Continued**

**Page 3 of 9**

**PIIN/SIIN** DAAE07-00-D-M051/0001

**MOD/AMD** CF

**Name of Offeror or Contractor:** GM GDLs DEFENSE GROUP LLC, JOINT VENTURE

\*\*\* END OF NARRATIVE A 145 \*\*\*

CONTINUATION SHEET

Reference No. of Document Being Continued  
 PIIN/SIIN DAAE07-00-D-M051/0001 MOD/AMD CF

Name of Offeror or Contractor: GM GDLS DEFENSE GROUP LLC, JOINT VENTURE

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT									
6004AF	<p>SECTION B - SUPPLIES OR SERVICES AND PRICES/COSTS</p> <p><u>SERVICES LINE ITEM</u></p> <p>NOUN: LVL B SKIRTS (LABOR W/FEE)                      PRON: X142C023X1 PRON AMD: 02 ACRN: AR                      AMS CD: 643653C0300</p> <p>CLIN established by Modification CF.</p> <p>The funding authorized under this CLIN is for the effort specified in Section C.1</p> <p>Level of Effort: 8,156 manhours</p> <p>Estimated Cost: \$ 749,944.00                      Fixed Fee: \$ 65,656.00                      Total Estimated Amount: \$ 815,600.00</p> <p>(End of narrative B001)</p> <p><u>Inspection and Acceptance</u>                      INSPECTION: Origin ACCEPTANCE: Origin</p> <p><u>Deliveries or Performance</u></p> <table border="0"> <tr> <td>DLVR SCH</td> <td></td> <td>PERF COMPL</td> </tr> <tr> <td><u>REL CD</u></td> <td><u>QUANTITY</u></td> <td><u>DATE</u></td> </tr> <tr> <td>001</td> <td>0</td> <td>22-DEC-2004</td> </tr> </table> <p>\$ 815,600.00</p>	DLVR SCH		PERF COMPL	<u>REL CD</u>	<u>QUANTITY</u>	<u>DATE</u>	001	0	22-DEC-2004				\$ 815,600.00
DLVR SCH		PERF COMPL												
<u>REL CD</u>	<u>QUANTITY</u>	<u>DATE</u>												
001	0	22-DEC-2004												
6004AG	<p><u>SERVICES LINE ITEM</u></p> <p>NOUN: LVL B SKIRTS (ODC &amp; MTLs)                      PRON: X142C024X1 PRON AMD: 01 ACRN: AR                      AMS CD: 643653C0300</p> <p>CLIN established by Modification CF.</p> <p>The funding authorized under this CLIN is for the effort specified in Section C.1</p> <p>Estimated Cost: \$ 50,103.00                      Fixed Fee: \$ 4,383.00                      Total Estimated Amount: \$ 54,486.00</p>				\$ 54,486.00									

CONTINUATION SHEET

Reference No. of Document Being Continued  
 PIIN/SIIN DAAE07-00-D-M051/0001 MOD/AMD CF

Name of Offeror or Contractor: GM GDLS DEFENSE GROUP LLC, JOINT VENTURE

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
	<p>(End of narrative B001)</p> <p><u>Inspection and Acceptance</u>                      INSPECTION: Origin ACCEPTANCE: Origin</p> <p><u>Deliveries or Performance</u>                      DLVR SCH PERF COMPL  <u>REL CD QUANTITY DATE</u>                      001 0 22-DEC-2004</p> <p>\$ 54,486.00</p>				
6004AH	<p><u>SERVICES LINE ITEM</u></p> <p>NOUN: LVL B SKIRTS (TRVL/NO FEE)                      PRON: X142C025X1 PRON AMD: 01 ACRN: AR                      AMS CD: 643653C0300</p> <p>CLIN established by Modification CF.</p> <p>The funding authorized under this CLIN is for the effort specified in Section C.1</p> <p>Estimated Cost: \$ 19,980.00                      Fixed Fee: \$ 0.00                      Total Estimated Amount: \$ 19,980.00</p> <p>(End of narrative B001)</p> <p><u>Inspection and Acceptance</u>                      INSPECTION: Origin ACCEPTANCE: Origin</p> <p><u>Deliveries or Performance</u>                      DLVR SCH PERF COMPL  <u>REL CD QUANTITY DATE</u>                      001 0 22-DEC-2004</p> <p>\$ 19,980.00</p>				\$ 19,980.00

<b>CONTINUATION SHEET</b>	<b>Reference No. of Document Being Continued</b>	<b>Page 6 of 9</b>
	PIIN/SIIN DAAE07-00-D-M051/0001      MOD/AMD CF	
<b>Name of Offeror or Contractor:</b> GM GDLS DEFENSE GROUP LLC, JOINT VENTURE		

SECTION C - DESCRIPTION/SPECIFICATIONS/WORK STATEMENT

SECTION C

STATEMENT OF WORK (SOW)

C.1.0 DESCRIPTION. The Contractor shall conduct the engineering design and analysis required to integrate Slat Armor panels into the Rear Ramp Area and Left and Right Sides of the Stryker Add-on Armor (AoA) Kit where either Explosive Reactive Armor (ERA) modules or Non-Explosive Reactive Armor (NxRA) modules cannot provide coverage or do not allow for normal vehicle operability. The Slat Armor shall be integrated in such a way as to create a seamless zone of protection between either the ERA modules or NxRA modules and Slat Armor panels.

C.1.1 SLAT ARMOR PANELS. The Contractor shall use existing Slat Deployment Armor specifications as detailed in the Slat Armor TDP, and existing Slat Armor panels to the maximum extent possible when integrating Slat Armor into the final AoA Kit.

C.1.2 VEHICLE VARIANTS. The Contractor shall implement the Slat Armor panels onto the final ICV, CV, ATGM, FSV and RV AoA Kits.

C.1.3 STOWAGE RACK. The Contractor shall conduct the engineering design and analysis required to reconfigure the stowage rack to accommodate Slat Armor integration.

C.1.4 ENVIRONMENTAL. The Contractor shall integrate the Slat Armor panels in accordance with environmental requirements as stated in the terms and conditions of Delivery Order 0001.

C.1.5 SAFETY. The Contractor shall integrate the Slat Armor panels in accordance with with human factors safety requirements as stated in the terms and conditions of Delivery Order 0001.

C.1.6 INSTALLATION/MAINTENANCE TOOLS. The Contractor shall ensure all tools required for Slat Armor panel installation/maintenance are either part of the vehicle BII or AoA tool kit.

C.1.7 REAR RAMP STEP HEIGHT. The Slat Armor integration shall provide a maximum step height of 29 inches with the ramp lowered onto its stops on level ground.

C.1.8 REAR RAMP OPENING IMPACT. The Slat Armor integration onto the rear ramp area shall reduce the impact shock and noise generated when the ramp is opened and it contacts the ground.

C.1.9 FUEL FILLER ACCESS. The Slat Armor integration shall not interfere with the function of the fuel filler access covers located on the rear above each sponson. The integrated Slat Armor panels shall provide access for the full opening of the covers and provide sufficient clearance for refueling the vehicle using NATO Standard fuel nozzles. There shall also be sufficient clearance for the fuel pad lock to be installed and removed.

C.1.10 TOWING AND TIE DOWN LUGS. The Slat Armor integration shall not prevent normal accessibility of the towing and tie down lugs. Removal of any armor elements is not permitted to meet this requirement.

C.1.11 RECOVER LUGS. The Slat Armor integration shall allow accessibility to the recovery lugs using either the vehicle BII or AoA tool kit.

C.1.12 WHEEL WELL ACCESS. The Slat Armor integration shall provide an access point for the wheel well areas to allow for normal vehicle maintenance operations without removing any armor elements.

C.1.13 DESIGN REVIEW. The Contractor shall host (one) design review when presenting the final design of the Slat Armor integration.

C.1.14 FULL VEHICLE FIT DEMONSTRATION. The Contractor shall conduct a full vehicle fit demonstration of the armor kit consisting of Slat Armor, ERA, and NxRA at the contractor's facility. As a result of this demonstration, the contractor shall provide a corrected design(s) as needed to address any deficiency(s) of the proposed design.

C.1.15 PRE-PRODUCTION KIT. The Contractor shall supply and ship one (1) pre-production set of Slat Armor panels and all other new production hardware to a government owned test site.

C.1.16 AUTOMOTIVE PERFORMANCE TESTING. The Contractor shall support, using on-sight Field Service Representatives (FSRs), automotive performance testing of the armor kit, which includes ERA, NxRA and Slat Armor, at a government owned test site. As a result of this automotive performance testing, the contractor shall provide a corrected design(s) as needed to address any deficiency(s) of the proposed design.

C.1.17 ENGINEERING/RELIABILITY DOCUMENTATION. The Contractor shall provide engineering/reliability documentation for the Slat Armor integration in accordance with CDRL A156.

<b>CONTINUATION SHEET</b>	<b>Reference No. of Document Being Continued</b> <b>PIIN/SIIN</b> DAAE07-00-D-M051/0001 <b>MOD/AMD</b> CF	<b>Page</b> 7 <b>of</b> 9
---------------------------	--	---------------------------

**Name of Offeror or Contractor:** GM GDLS DEFENSE GROUP LLC, JOINT VENTURE

C.1.18 ENGINEERING CHANGE ORDER/CHANGE REQUEST. The Contractor shall provide ECOs/CRs for the Slat Armor integration in accordance with CDRL A157.

C.1.19 STATUS REPORT. The Contractor shall provide status report(s) for the Slat Armor integration in accordance with CDRL A158.

\*\*\* END OF NARRATIVE C 005 \*\*\*

**CONTINUATION SHEET**

**Reference No. of Document Being Continued**

**PIIN/SIIN** DAAE07-00-D-M051/0001 **MOD/AMD** CF

**Name of Offeror or Contractor:** GM GDLS DEFENSE GROUP LLC, JOINT VENTURE

SECTION G - CONTRACT ADMINISTRATION DATA

LINE	PRON/ AMS CD/ <u>ITEM</u> <u>MIPR</u>	ACRN	OBLG STAT/ <u>JOB ORD NO</u>		<u>PRIOR AMOUNT</u>	<u>INCREASE/DECREASE</u> <u>AMOUNT</u>		<u>CUMULATIVE</u> <u>AMOUNT</u>
6004AF	X142C023X1 643653C0300 X14C03512RX1	AR	2 4GXC23	\$	0.00 \$	815,600.00	\$	815,600.00
6004AG	X142C024X1 643653C0300 A14C03512RX1	AR	2 4GXC24	\$	0.00 \$	54,486.00	\$	54,486.00
6004AH	X142C025X1 643653C0300 A14C03512RX1	AR	2 4GXC25	\$	0.00 \$	19,980.00	\$	19,980.00
					NET CHANGE	\$	890,066.00	

<u>SERVICE</u> <u>NAME</u>	<u>NET CHANGE</u> <u>BY ACRN</u>	<u>ACCOUNTING CLASSIFICATION</u>			<u>ACCOUNTING</u> <u>STATION</u>	<u>INCREASE/DECREASE</u> <u>AMOUNT</u>
Army	AR	21	42040000045R5R07P643653255Y	S20113	W56HZV	\$ 890,066.00
					NET CHANGE	\$ 890,066.00

	<u>PRIOR AMOUNT</u> <u>OF AWARD</u>	<u>INCREASE/DECREASE</u> <u>AMOUNT</u>	<u>CUMULATIVE</u> <u>OBLIG AMT</u>
NET CHANGE FOR AWARD:	\$ 362,108,209.37	\$ 890,066.00	\$ 362,998,275.37

**CONTINUATION SHEET****Reference No. of Document Being Continued****Page 9 of 9****PIIN/SIIN** DAAE07-00-D-M051/0001**MOD/AMD** CF**Name of Offeror or Contractor:** GM GDLS DEFENSE GROUP LLC, JOINT VENTURE

## SECTION J - LIST OF ATTACHMENTS

<u>List of</u> <u>Addenda</u>	<u>Title</u>	<u>Date</u>	<u>Number</u> <u>of Pages</u>	<u>Transmitted By</u>
Exhibit H	CDRL A156 - ENG/REL DOCUMENTATION - LEVEL B SIDE SKIRTS, CDRL A157 - ECO/CR FOR LEVEL B SIDE SKIRTS, CDRL A158 - STATUS REPORT FOR LEVEL B SIDE SKIRTS	20-SEP-2004	001	DATA