

AWARD/CONTRACT		1. This Contract Is A Rated Order Under DPAS (15 CFR 700)	Rating DOA4	Page 1	Of 102	Pages
2. Contract (Proc. Inst. Ident.) No. W56HZV-14-C-B019		3. Effective Date 2013NOV25	4. Requisition/Purchase Request/Project No. SEE SCHEDULE			
5. Issued By U.S. ARMY CONTRACTING COMMAND REBECCA K BERNOCK WARREN, MICHIGAN 48397-5000 HTTP://CONTRACTING.TACOM.ARMY.MIL		Code W56HZV	6. Administered By (If Other Than Item 5) DCMA DETROIT 35803 MOUND ROAD STERLING HEIGHTS MI 48310		Code S2305A	
e-mail address: REBECCA.K.BERNOCK@US.ARMY.MIL						

7. Name And Address Of Contractor (No., Street, City, County, State and Zip Code) GENERAL DYNAMICS LAND SYSTEMS INC. 38500 MOUND RD STERLING HEIGHTS, MI 48310-3200		8. Delivery <input type="checkbox"/> FOB Origin <input checked="" type="checkbox"/> Other (See Below)	
Code 7W356		9. Discount For Prompt Payment	
Facility Code		10. Submit Invoices (4 Copies Unless Otherwise Specified)	
		Item 12	
		To The Address Shown In:	

11. Ship To/Mark For SEE SCHEDULE	Code	12. Payment Will Be Made By DFAS-CO/NORTH ENTITLEMENT OPERATION P.O. BOX 182266 COLUMBUS OH 43218-2266	Code HQ0337
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13. Authority For Using Other Than Full And Open Competition: <input checked="" type="checkbox"/> 10 U.S.C. 2304(c)(1) <input type="checkbox"/> 41 U.S.C. 253(c)		14. Accounting And Appropriation Data SEE SECTION G	
15A. Item No. SEE SCHEDULE	15B. Supplies/Services	15C. Quantity	15D. Unit
			15E. Unit Price
			15F. Amount
15G. Total Amount Of Contract →			\$228,200,000.00

(X)	Sec.	Description	Page(s)	(X)	Sec.	Description	Page(s)
Part I - The Schedule				Part II - Contract Clauses			
X	A	Solicitation/Contract Form	1	X	I	Contract Clauses	80
X	B	Supplies or Services and Prices/Costs	4	Part III - List Of Documents, Exhibits, And Other Attachments			
X	C	Description/Specs./Work Statement	35	X	J	List of Attachments	101
X	D	Packaging and Marking	59	Part IV - Representations And Instructions			
X	E	Inspection and Acceptance	61		K	Representations, Certifications, and Other Statements of Offerors	
X	F	Deliveries or Performance	65		L	Instrs., Conds., and Notices to Offerors	
X	G	Contract Administration Data	75		M	Evaluation Factors for Award	
X	H	Special Contract Requirements	77				

Contracting Officer Will Complete Item 17 (Sealed-Bid or Negotiated Procurement) Or 18 (Sealed-Bid Procurement) As Applicable

17. <input checked="" type="checkbox"/> Contractor's Negotiated Agreement (Contractor is required to sign this document and return 2 signed copies to issuing office.) Contractor agrees to furnish and deliver all items or perform all the services set forth or otherwise identified above and on any continuation sheets for the consideration stated herein. The rights and obligations of the parties to this contract shall be subject to and governed by the following documents: (a) this award/contract, (b) the solicitation, if any, and (c) such provisions, representations, certifications, and specifications, as are attached or incorporated by reference herein. (Attachments are listed herein.)	18. <input type="checkbox"/> Sealed-Bid Award (Contractor is not required to sign this document.) Your bid on Solicitation Number _____, including the additions or changes made by you which additions or changes are set forth in full above, is hereby accepted as to the items listed above and on any continuation sheets. This award consummates the contract which consists of the following documents: (a) the Government's solicitation and your bid, and (b) this award/contract. No further contractual document is necessary. (Block 18 should be checked only when awarding a sealed-bid contract.)
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19A. Name And Title Of Signer (Type Or Print)	20A. Name Of Contracting Officer MARY HERNANDEZ MARY.P.HERNANDEZ@US.ARMY.MIL (586)282-7021
19B. Name of Contractor	20B. United States Of America
19c. Date Signed	20C. Date Signed 2013NOV25
By _____ (Signature of person authorized to sign)	By _____ /SIGNED/ (Signature of Contracting Officer)

CONTINUATION SHEET	Reference No. of Document Being Continued	Page 2 of 102
	PIIN/SIIN W56HZV-14-C-B019 MOD/AMD	
Name of Offeror or Contractor: GENERAL DYNAMICS LAND SYSTEMS INC.		

SECTION A - SUPPLEMENTAL INFORMATION

Buyer Name: REBECCA K BERNOCK
 Buyer Office Symbol/Telephone Number: CCTA-AIL-B/(586)282-7056
 Type of Contract: Cost Plus Incentive Fee (Cost Based)
 Kind of Contract: Research and Development Contracts
 Type of Business: Large Business Performing in U.S.
 Surveillance Criticality Designator: C
 Weapon System: No Identified Army Weapons Systems

*** End of Narrative A0000 ***

1. As a result of Solicitation W56HZV-13-R-B019 and subsequent negotiations, Contract W56HZV-14-C-B019 is hereby awarded to General Dynamics Land Systems (GDLS) for the acquisition of Engineering Design, Prototype Development, Logistics, Test, and Evaluation Support of the Stryker Engineering Change Proposal (ECP) Upgrade Program Research and Development (R&D) Phase II effort.
2. The technical upgrades planned for this ECP Upgrade are Improved Automotive Power Generation, Improved Electrical Power Generation, Increased Payload/Improved Mobility (Chassis Upgrades) and Improved In-Vehicle Network Capabilities. GDLS' responsibilities under Phase II of the ECP Upgrade Program shall consist of development; integration; prototype development; prototype and vehicle qualification testing; certain technical drawing and software updates and delivery; updates to operator, maintenance, and training manuals; and logistics support.
3. The Government acknowledges the Technical Data Assertion of Restrictions (BCT13-2506) GDLS submitted with proposal CCP 1345 Z-0202 in regards to the 6.0 driveline and clarified in the System Identification document dated 12 November 2013. This acknowledgement does not constitute Government concurrence on the content and validity of the assertions. Notwithstanding the receipt of the Assertion of Restrictions and in accordance with DFARS 252.227-7037, the Government retains the right to challenge the Assertions within three (3) years of final payment on the contract or within three (3) years of delivery of the technical data to the Government, whichever is later.
4. The award is a Cost Plus Incentive Fee(CPIF), five year incrementally funded, R&D contract which includes only a cost incentive. The contract also includes a Cost Plus Fixed Fee (CPFF) CLIN for Contractor Test Support, Section C.9 of the Scope of Work. The terms and conditions for the cost incentive are set forth in FAR clause 52.216-10. The total negotiated CPIF portion(cost plus target fee)is \$214,377,931. The total negotiated CPFF portion(cost plus fixed fee) is \$13,822,069. The Incremental Funding Schedule is set forth in Section B.1.1.
5. In accordance with B.1, funds in the amount of \$23,037,000 are incorporated via subCLINs 0001AB and 0001AC.
6. As a result of this contract award, the obligated amount is \$23,037,000.

*** END OF NARRATIVE A0001 ***

<u>Regulatory Cite</u>	<u>Title</u>	<u>Date</u>
A-1	52.204-4850 ACCEPTANCE APPENDIX	SEP/2008
<p>(a) Contract Number W56HZV-14-C-B019 is awarded to General Dynamics Land Systems (GDLS).</p> <p>(b) The contractor, in its proposal, provided data for various solicitation clauses, and that data has been added in this contract.</p> <p>(c) Any attachments not included within this document will be provided by Army Contracting Command - Warren directly to the administrative contracting officer (ACO) via e-mail, as required. Technical data packages that are only available on CD-ROM will be mailed by Army Contracting Command - Warren to the ACO. Within one week of this award, any office not able to obtain attachments from the Army Contracting Command - Warren website (https://contracting.tacom.army.mil/) and still requiring a copy, can send an email request to the buyer listed on the front page of this contract.</p> <p>(d) The contractor's subcontracting plan 13-14CB019-000-00, dated 18 November 2013 is incorporated into the contract by reference.</p>		

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Name of Offeror or Contractor: GENERAL DYNAMICS LAND SYSTEMS INC.

(e) The following Amendment(s) to the solicitation are incorporated into this contract:

Amendment 0001 issued 13 May 2013 to update Attachment 0008-Stryker Flat Bottom Hull (FBH)FoV Performance Specifications No. 2014.1-2014.10 and Attachment 0011-Stryker Double V-Hull(DVH)FoV Performance Specifications No. 2014.11-2014.20

Amendment 0002 issued 16 May 2013 to revise the funding schedule in Section B.1- FUNDING.

Amendment 0003 issued 28 May 2013 to updated Attachment 0012-Stryker In Vehicle Network Architecture Specifications, Attachment 0014-VICTORY Architecture, and Attachment 0015-VICTORY Specifications.

Amendment 0004 issued 27 June 2013 to add CDRL A016-ECP Prototype Build Hardware CSDR Crosswalk to Section J as Exhibit BR.

Amendment 0005 issued 9 July 2013 to Update Attachment 0003-RESOURCE ALLOCATION TABLE(RDT)and Attachment 0004-CSDR CONTRACT PLAN in Section J.

[End of Clause]

A-2 52.201-4000 ARMY CONTRACTING COMMAND-WARREN (DTA) OMBUDSPERSON

APR/2011

Information regarding the Ombudsperson for this contract is located at the following website:
<http://contracting.tacom.army.mil/acqinfo/ombudsperson.htm>

[End of Provision]

CONTINUATION SHEET	Reference No. of Document Being Continued PIIN/SIIN W56HZV-14-C-B019 MOD/AMD	Page 4 of 102
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Name of Offeror or Contractor: GENERAL DYNAMICS LAND SYSTEMS INC.

SECTION B - SUPPLIES OR SERVICES AND PRICES/COSTS

B.1 FUNDING

B.1.1 The Contracting Officer will provide funds under this Contract covering the estimated cost on an incremental basis as provided for in the following funding schedule and pursuant to the contract clause entitled 52.232-22 "Limitation of Funds". It is estimated that the incremental amounts are sufficient for the performance of work in each of the cited periods. The Government may, at its discretion, allot such funds on an incremental basis within each fiscal year. The Contractor shall plan and execute the work required by this contract as to either expend or commit funds compatible with the schedule set forth below. An estimated allotment schedule for the CPIF and CPFF portions by fiscal year is set forth below.

FY14 = \$60.2M
FY15 = \$74.4M
FY16 = \$37.0M
FY17 = \$36.7M
FY18 = \$19.9M
Total = \$228.2M

*** END OF NARRATIVE B0001 ***

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Reference No. of Document Being Continued
 PIIN/SIIN W56HZV-14-C-B019 MOD/AMD

Name of Offeror or Contractor: GENERAL DYNAMICS LAND SYSTEMS INC.

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT									
0001AB	<p>This SubCLIN 0001AB funds the effort identified under SubCLIN 0001AA.</p> <p>(End of narrative A001)</p> <p><u>INCREMENTAL FUNDING</u></p> <p>GENERIC NAME DESCRIPTION: STRYKER ECP PHASE II DVH CLIN CONTRACT TYPE: Cost Plus Incentive Fee (Cost Based) PRON: X13RD028X1 PRON AMD: 01 ACRN: AA</p> <p>The contractor shall exhaust FY13 funding under this CLIN 0001AB prior to invoicing FY14 funding under CLIN 0001AC.</p> <p>(End of narrative B001)</p> <p>Target Total Cost:\$11,771,610 COM: \$ 16,800 <u>Target Fee: \$ 1,206,590</u> Total Target: \$12,995,000</p> <p>Target Total Fee 10.25%</p> <p>Maximum Fee: 12.75%</p> <p>Minimum Fee: 5%</p> <p>Share Ratios: Underruns: 60/40 Overruns: 85/15</p> <p>(End of narrative B002)</p> <p>The contractor shall furnish all the supplies and services to accomplish the tasks specified in Section C: Description/Specifications/Work Statement,excluding Section C.9-CONTRACTOR TEST SUPPORT.</p> <p>(End of narrative C001)</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>1</td> <td>03-DEC-2018</td> </tr> </table> <p>\$ 12,995,000.00</p>	DLVR SCH		PERF COMPL	<u>REL CD</u>	<u>QUANTITY</u>	<u>DATE</u>	001	1	03-DEC-2018	1	LO		\$ 12,995,000.00
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Reference No. of Document Being Continued
 PIIN/SIIN W56HZV-14-C-B019 MOD/AMD

Name of Offeror or Contractor: GENERAL DYNAMICS LAND SYSTEMS INC.

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT									
0001AC	<p>This SubCLIN 0001AC funds the effort identified under SubCLIN 0001AA.</p> <p>(End of narrative A001)</p> <p><u>INCREMENTAL FUNDING</u></p> <p>GENERIC NAME DESCRIPTION: STRYKER ECP PHASE II DVH CLIN CONTRACT TYPE: Cost Plus Incentive Fee (Cost Based) PRON: X14RD002X1 PRON AMD: 01 ACRN: AB</p> <p>The contractor shall exhaust FY13 funding under CLIN 0001AB prior to invoicing FY14 funding under this CLIN 0001AC.</p> <p>(End of narrative B001)</p> <p>Target Total Cost:\$ 9,096,616 COM: \$ 12,981 <u>Target Fee:</u> \$ 932,403 Total Target: \$10,042,000</p> <p>Target Total Fee: 10.25%</p> <p>Maximum Fee: 12.75%</p> <p>Minimum Fee: 5%</p> <p>Share Ratios: Underruns: 60/40 Overruns: 85/15</p> <p>(End of narrative B002)</p> <p>The contractor shall furnish all the supplies and services to accomplish the tasks specified in Section C: Description/Specifications/Work Statement,excluding Section C.9-CONTRACTOR TEST SUPPORT.</p> <p>(End of narrative C001)</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>1</td> <td>12-MAR-2018</td> </tr> </table>	DLVR SCH		PERF COMPL	<u>REL CD</u>	<u>QUANTITY</u>	<u>DATE</u>	001	1	12-MAR-2018	1	LO		\$ 10,042,000.00
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Reference No. of Document Being Continued
 PIIN/SIIN W56HZV-14-C-B019 MOD/AMD

Name of Offeror or Contractor: GENERAL DYNAMICS LAND SYSTEMS INC.

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0002	<p>\$ 10,042,000.00</p> <p>CONTRACTOR TEST SUPPORT</p> <p>This SubCLIN 0002AA is for informational purposes only. This effort will be funded under future SubCLINS 0002AB, 0002AC, etc.</p> <p>(End of narrative A001)</p>				
0002AA	<p><u>ECP PHASE II DVH CONTRACTOR TEST SUPPORT</u></p> <p>GENERIC NAME DESCRIPTION: CONTRACTOR TEST SUPPORT CLIN CONTRACT TYPE: Cost Plus Fixed Fee</p> <p>Estimated Cost: \$12,691,099 COM: \$ 14,153 <u>Fixed Fee 8.8%: \$ 1,116,817</u> CPFF \$13,822,069</p> <p>(End of narrative B001)</p> <p>This Cost-Plus-Fixed-Fee (CPFF) CLIN for ECP Phase II Contractor Test Support pertains to only Section C.9- CONTRACTOR TEST SUPPORT, of this contract.</p> <p>(End of narrative C001)</p> <p><u>Inspection and Acceptance</u> INSPECTION: Origin ACCEPTANCE: Origin</p> <p><u>Deliveries or Performance</u></p>				<p>\$ 13,822,069.00 ESTIMATED</p>
0003	<p>CONTRACTOR MANPOWER REPORTING</p>				
0003AA	<p><u>CONTRACTOR MANPOWER REPORTING (NSP)</u></p> <p>GENERIC NAME DESCRIPTION: CONTRACTOR MANPOWER REPORTING</p>	1	SV		<p>\$ ** NSP **</p>

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Reference No. of Document Being Continued
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Name of Offeror or Contractor: GENERAL DYNAMICS LAND SYSTEMS INC.

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
A003	<p><u>Inspection and Acceptance</u> INSPECTION: Destination ACCEPTANCE: Destination</p> <p><u>Deliveries or Performance</u> DLVR SCH PERF COMPL <u>REL CD</u> <u>QUANTITY</u> <u>DATE</u> 001 1 AS REQUIRED</p> <p><u>FUNCTIONAL COST HOUR REPORT (FCHR)</u></p> <p>GENERIC NAME DESCRIPTION: DATA ITEM A003</p> <p>SEE NARRATIVE ON DD FORM 1423</p> <p>(End of narrative B001)</p>	1	SV		\$ ** NSP **
A004	<p><u>Inspection and Acceptance</u> INSPECTION: Destination ACCEPTANCE: Destination</p> <p><u>Deliveries or Performance</u> DLVR SCH PERF COMPL <u>REL CD</u> <u>QUANTITY</u> <u>DATE</u> 001 1 AS REQUIRED</p> <p><u>CONTRACT WORK BREAKDOWN STRUCTURE (CWBS)</u></p> <p>GENERIC NAME DESCRIPTION: DATA ITEM A004</p> <p>SEE NARRATIVE ON DD FORM 1423</p> <p>(End of narrative B001)</p>	1	SV		\$ ** NSP **
A005	<p><u>Inspection and Acceptance</u> INSPECTION: Destination ACCEPTANCE: Destination</p> <p><u>Deliveries or Performance</u> DLVR SCH PERF COMPL <u>REL CD</u> <u>QUANTITY</u> <u>DATE</u> 001 1 AS REQUIRED</p> <p><u>RESOURCE DISTRIBUTION TABLE (RDT)</u></p>	1	SV		\$ ** NSP **

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Reference No. of Document Being Continued
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Name of Offeror or Contractor: GENERAL DYNAMICS LAND SYSTEMS INC.

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT									
A013	<p><u>SAFETY ASSESSMENT REPORT (SAR)</u></p> <p>GENERIC NAME DESCRIPTION: DATA ITEM A013</p> <p>SEE NARRATIVE ON DD FORM 1423</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></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>1</td> <td>AS REQUIRED</td> </tr> </table>	DLVR SCH		PERF COMPL	<u>REL CD</u>	<u>QUANTITY</u>	<u>DATE</u>	001	1	AS REQUIRED	1	SV		\$ _____ ** NSP **
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001	1	AS REQUIRED												
A014	<p><u>SYSTEM SAFETY PROGRAM PROGRESS REPORT</u></p> <p>GENERIC NAME DESCRIPTION: DATA ITEM A014</p> <p>SEE NARRATIVE ON DD FORM 1423</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></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>1</td> <td>AS REQUIRED</td> </tr> </table>	DLVR SCH		PERF COMPL	<u>REL CD</u>	<u>QUANTITY</u>	<u>DATE</u>	001	1	AS REQUIRED	1	SV		\$ _____ ** NSP **
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A015	<p><u>OPSEC TRAINING REPORT</u></p> <p>GENERIC NAME DESCRIPTION: DATA ITEM A015</p> <p>SEE NARRATIVE ON DD FORM 1423</p> <p>(End of narrative B001)</p> <p><u>Inspection and Acceptance</u> INSPECTION: Destination ACCEPTANCE: Destination</p>	1	SV		\$ _____ ** NSP **									

CONTINUATION SHEET

Reference No. of Document Being Continued
 PIIN/SIIN W56HZV-14-C-B019 MOD/AMD

Name of Offeror or Contractor: GENERAL DYNAMICS LAND SYSTEMS INC.

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
D008	<p><u>Inspection and Acceptance</u> INSPECTION: Destination ACCEPTANCE: Destination</p> <p><u>Deliveries or Performance</u> DLVR SCH PERF COMPL REL CD QUANTITY DATE 001 1 AS REQUIRED</p> <p><u>SOFTWARE SUPPORT PLAN (SSP)</u></p> <p>GENERIC NAME DESCRIPTION: DATA ITEM D008</p> <p>SEE NARRATIVE ON DD FORM 1423</p> <p>(End of narrative B001)</p>	1	SV		\$ ** NSP **
D009	<p><u>Inspection and Acceptance</u> INSPECTION: Destination ACCEPTANCE: Destination</p> <p><u>Deliveries or Performance</u> DLVR SCH PERF COMPL REL CD QUANTITY DATE 001 1 AS REQUIRED</p> <p><u>SOFTWARE METRICS</u></p> <p>GENERIC NAME DESCRIPTION: DATA ITEM D009</p> <p>SEE NARRATIVE ON DD FORM 1423</p> <p>(End of narrative B001)</p>	1	SV		\$ ** NSP **
D010	<p><u>Inspection and Acceptance</u> INSPECTION: Destination ACCEPTANCE: Destination</p> <p><u>Deliveries or Performance</u> DLVR SCH PERF COMPL REL CD QUANTITY DATE 001 1 AS REQUIRED</p> <p><u>FIRE SUPPRESSION M&S DATA</u></p>	1	SV		\$ ** NSP **

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Name of Offeror or Contractor: GENERAL DYNAMICS LAND SYSTEMS INC.

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
D018	<p><u>SOFTWARE RELEASE DELIVERABLES</u></p> <p>GENERIC NAME DESCRIPTION: DATA ITEM D018</p> <p>SEE NARRATIVE ON DD FORM 1423</p> <p>(End of narrative B001)</p> <p><u>Inspection and Acceptance</u> INSPECTION: Destination ACCEPTANCE: Destination</p> <p><u>Deliveries or Performance</u> DLVR SCH PERF COMPL <u>REL CD QUANTITY DATE</u> 001 1 AS REQUIRED</p>	1	SV		\$ ** NSP **
D019	<p><u>SUBSYSTEM ELECTRONICS AND SOFTWARE ARCHITECTURE</u></p> <p>GENERIC NAME DESCRIPTION: DATA ITEM D019</p> <p>SEE NARRATIVE ON DD FORM 1423</p> <p>(End of narrative B001)</p> <p><u>Inspection and Acceptance</u> INSPECTION: Destination ACCEPTANCE: Destination</p> <p><u>Deliveries or Performance</u> DLVR SCH PERF COMPL <u>REL CD QUANTITY DATE</u> 001 1 AS REQUIRED</p>	1	SV		\$ ** NSP **
D020	<p><u>MEETING MINUTES</u></p> <p>GENERIC NAME DESCRIPTION: DATA ITEM D020</p> <p>SEE NARRATIVE ON DD FORM 1423</p> <p>(End of narrative B001)</p> <p><u>Inspection and Acceptance</u></p>	1	SV		\$ ** NSP **

CONTINUATION SHEET

Reference No. of Document Being Continued
 PIIN/SIIN W56HZV-14-C-B019 MOD/AMD

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Name of Offeror or Contractor: GENERAL DYNAMICS LAND SYSTEMS INC.

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT																		
D021	<p>INSPECTION: Destination ACCEPTANCE: Destination</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>1</td> <td>AS REQUIRED</td> </tr> </table> <p><u>SOFTWARE DEVELOPMENT PLAN (SDP)</u></p> <p>GENERIC NAME DESCRIPTION: DATA ITEM D021</p> <p>SEE NARRATIVE ON DD FORM 1423</p> <p>(End of narrative B001)</p> <p><u>Inspection and Acceptance</u></p> <p>INSPECTION: Destination ACCEPTANCE: Destination</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>1</td> <td>AS REQUIRED</td> </tr> </table>	DLVR SCH		PERF COMPL	<u>REL CD</u>	<u>QUANTITY</u>	<u>DATE</u>	001	1	AS REQUIRED	DLVR SCH		PERF COMPL	<u>REL CD</u>	<u>QUANTITY</u>	<u>DATE</u>	001	1	AS REQUIRED	1	SV		\$ ** NSP **
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D022	<p><u>STRYKER VARIANT DETAILED DESIGN DRAWINGS</u></p> <p>GENERIC NAME DESCRIPTION: DATA ITEM D022</p> <p>SEE NARRATIVE ON DD FORM 1423</p> <p>(End of narrative B001)</p> <p><u>Inspection and Acceptance</u></p> <p>INSPECTION: Destination ACCEPTANCE: Destination</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>1</td> <td>AS REQUIRED</td> </tr> </table>	DLVR SCH		PERF COMPL	<u>REL CD</u>	<u>QUANTITY</u>	<u>DATE</u>	001	1	AS REQUIRED	1	SV		\$ ** NSP **									
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D023	<p><u>TRANSPORTABILITY ANALYSIS</u></p> <p>GENERIC NAME DESCRIPTION: DATA ITEM D023</p>	1	SV		\$ ** NSP **																		

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ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
L005	<p><u>Inspection and Acceptance</u> INSPECTION: Destination ACCEPTANCE: Destination</p> <p><u>Deliveries or Performance</u> DLVR SCH PERF COMPL REL CD QUANTITY DATE 001 1 AS REQUIRED</p> <p><u>INTERACTIVE ELECTRONIC TECHNICAL MANUAL (IETM)</u></p> <p>GENERIC NAME DESCRIPTION: DATA ITEM L005</p> <p>SEE NARRATIVE ON DD FORM 1423</p> <p>(End of narrative B001)</p>	1	SV		\$ ** NSP **
L006	<p><u>Inspection and Acceptance</u> INSPECTION: Destination ACCEPTANCE: Destination</p> <p><u>Deliveries or Performance</u> DLVR SCH PERF COMPL REL CD QUANTITY DATE 001 1 AS REQUIRED</p> <p><u>PAPER OPERATOR'S TECH MANUALS AND SOURCE FILES</u></p> <p>GENERIC NAME DESCRIPTION: DATA ITEM L006</p> <p>SEE NARRATIVE ON DD FORM 1423</p> <p>(End of narrative B001)</p>	1	SV		\$ ** NSP **
L007	<p><u>Inspection and Acceptance</u> INSPECTION: Destination ACCEPTANCE: Destination</p> <p><u>Deliveries or Performance</u> DLVR SCH PERF COMPL REL CD QUANTITY DATE 001 1 AS REQUIRED</p> <p><u>OTHER TECH PUBLICATIONS AND SOURCE MATERIAL</u></p>	1	SV		\$ ** NSP **

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ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
	SEE NARRATIVE ON DD FORM 1423 (End of narrative B001) <u>Inspection and Acceptance</u> INSPECTION: Destination ACCEPTANCE: Destination <u>Deliveries or Performance</u> DLVR SCH PERF COMPL <u>REL CD QUANTITY DATE</u> 001 1 AS REQUIRED				
L013	<u>CONTAINER DESIGN RETRIEVAL SYSTEM (CDRS0 REQUEST</u> GENERIC NAME DESCRIPTION: DATA ITEM L013 SEE NARRATIVE ON DD FORM 1423 (End of narrative B001) <u>Inspection and Acceptance</u> INSPECTION: Destination ACCEPTANCE: Destination <u>Deliveries or Performance</u> DLVR SCH PERF COMPL <u>REL CD QUANTITY DATE</u> 001 1 AS REQUIRED	1	SV		\$ ** NSP **
L014	<u>RESUSABLE CONTAINERS</u> GENERIC NAME DESCRIPTION: DATA ITEM L014 SEE NARRATIVE ON DD FORM 1423 (End of narrative B001) <u>Inspection and Acceptance</u> INSPECTION: Destination ACCEPTANCE: Destination <u>Deliveries or Performance</u> DLVR SCH PERF COMPL <u>REL CD QUANTITY DATE</u> 001 1 AS REQUIRED	1	SV		\$ ** NSP **

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ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT									
L015	<p><u>TRAINING SUPPORT PACKAGE</u></p> <p>GENERIC NAME DESCRIPTION: DATA ITEM L015</p> <p>SEE NARRATIVE ON DD FORM 1423</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></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>1</td> <td>AS REQUIRED</td> </tr> </table>	DLVR SCH		PERF COMPL	<u>REL CD</u>	<u>QUANTITY</u>	<u>DATE</u>	001	1	AS REQUIRED	1	SV		\$ <u> ** NSP **</u>
DLVR SCH		PERF COMPL												
<u>REL CD</u>	<u>QUANTITY</u>	<u>DATE</u>												
001	1	AS REQUIRED												
L016	<p><u>INSTRUCTOR AND KEY PERSONNEL TRAINING (I&KPT)</u></p> <p>GENERIC NAME DESCRIPTION: DATA ITEM L016</p> <p>SEE NARRATIVE ON DD FORM 1423</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></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>1</td> <td>AS REQUIRED</td> </tr> </table>	DLVR SCH		PERF COMPL	<u>REL CD</u>	<u>QUANTITY</u>	<u>DATE</u>	001	1	AS REQUIRED	1	SV		\$ <u> ** NSP **</u>
DLVR SCH		PERF COMPL												
<u>REL CD</u>	<u>QUANTITY</u>	<u>DATE</u>												
001	1	AS REQUIRED												
L017	<p><u>TRAINING TASK ANALYSIS</u></p> <p>GENERIC NAME DESCRIPTION: DATA ITEM L017</p> <p>SEE NARRATIVE ON DD FORM 1423</p> <p>(End of narrative B001)</p>	1	SV		\$ <u> ** NSP **</u>									

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ECP PHASE II SCOPE OF WORK

C.1. General.

C.1.1. Scope. This scope of work (SOW) consists of Engineering Design, Prototype Development, Logistics, Test and Evaluation support that shall be performed by the contractor during the Phase II ECP Upgrade Program.

C.1.2. The contractors responsibilities under Phase II of the ECP Upgrade Program shall be to restore lost platform performance through a limited set of engineering upgrades and ensure Stryker vehicles are able to accept the Army network. The technical enhancements to be performed by the contractor under the development effort include Improved Automotive Power Generation, Improved Electrical Power Generation, Improved In-Vehicle Network Capabilities and Increased Payload/Improved Mobility (Chassis Upgrades).

C.1.3. Contract Data Requirements. Data shall be delivered in accordance with the DD1423, Contract Data Requirements Lists (CDRLs), as set forth in Attachment 0001 and as called out in this SOW. Should any data deliverable require revision after original delivery, the required revision shall be delivered no later than 30 days after the request unless the Government grants relief in writing to allow another delivery date. Except for those items that specifically require hard copy submission, all data specified in this contract shall be provided to the Government electronically.

C.2. Program Security and Protection.

C.2.1. The contractor shall provide the security of classified and unclassified information, data, hardware and software generated for the program or provided to the program. Per Under Secretary of Defense for Acquisition, Technology and Logistics (USD AT&L) direction, the contractor shall comply with the security procedures and processes to satisfy the security requirements identified in DD Form 254, Attachment 0002. As stated in the DD 254, the Contractor shall complete OPSEC training and submit a report in accordance with CDRL A015.

The Contractor shall also follow the Governments OPSEC Plan, as well as annexes and updates, and the Stryker Family of Vehicles Program Protection Plan (PPP) dated 23 August 2012. Upon contractor request, the Stryker Security Manager will provide the OPSEC plan and PPP. The PPP is effective immediately and is mandatory for use by all program participants and field activities at all locations where Critical Program Information (CPI) is researched, manufactured, stored, processed or tested.

C.3. Business Management.

C.3.1. Earned Value Management System (EVMS). EVMS shall be in accordance with DFARS 252.234-7001 and 252.234-7002.

C.3.1.1. Performance Measurement Baseline (PMB). The contractor shall generate a time-phased budget baseline assigning all contract costs to their scope specific Work Breakdown Structure (WBS) elements no later than 45 days after authorization to proceed. The PMB shall be the basis for the Integrated Program Management Report (IPMR). Retroactive changes to the PMB are prohibited, except for the correction of errors and/or routine accounting adjustments.

C.3.1.1.1. Formal Reprogramming. When indicated by contract performance, the contractor shall submit a request for approval to initiate an over-target baseline (OTB) or over-target schedule (OTS) to the Procuring Contracting Officer (PCO). The content of the contractors reprogramming request shall be consistent with DFARS 252.234-7002(h). The contractors formal reprogramming request shall be submitted no later than 60 days prior to the contractors anticipated implementation date. The PCO will issue a letter no later than 30 days after receipt of the request stating whether it has been approved or denied.

C.3.1.1.2. Replanning and Single Point Adjustments (SPA). Replanning actions and SPAs shall not be used as a means to improve cost and/or schedule performance. The contractor shall submit a request for approval to the PCO to initiate any action that modifies the timing of milestones in the contractors Integrated Master Schedule (as reported in IPMR Format 6) or eliminates accrued cost and/or schedule variances. Replanning and SPA requests shall be submitted to the PCO no later than 60 days prior to the contractors anticipated implementation date. The PCO will issue a letter no later than 30 days after receipt of the request stating whether it has been approved or denied.

C.3.1.2. Integrated Baseline Reviews (IBRs). IBRs shall occur within 120 days of contract award, and subsequently following all major changes to the baseline.

C.3.1.3. Integrated Program Management Report (IPMR). The contractor shall prepare and electronically deliver all IPMR Formats in accordance with CDRL A001. IPMR Format 6 shall be applied separately where DFARS 252.234-7002 is not applicable. The Government and the contractor shall periodically review and adjust as necessary reporting levels and variance thresholds to ensure they continue to provide appropriate visibility without requiring excessive information. If there is a significant problem with respect to cost, schedule, or performance at a lower level, detailed reporting for that WBS element shall be required until the problem is resolved.

C.3.1.4. Sub-contract Implementation. DFARS Clauses 252.234-7001 and 252.234-7002 shall be flowed down to all subcontracts, regardless of tier, that have a total expected value \$20 million or greater. Flow-down of EVMS requirements to subcontracts of less than \$20 million is not required unless directed by the Government. The contractor shall be responsible for reviewing and assuring the validity

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of all subcontractors reporting through surveillance and other means.

C.3.1.5. Integrated Master Schedule (IMS, IPMR Format 6). The contractor shall use the IMS as a day-to-day execution tool, to assess progress in meeting contractual requirements and to provide realism to the contractors approach to executing the awarded effort within cost and schedule constraints. The IMS shall include the activities of EVMS qualifying subcontractors. The IMS shall be resource loaded. The contractor shall deliver the IMS, perform requisite analyses, report potential or existing problem areas, and recommend corrective actions to eliminate or reduce schedule impact in accordance with CDRL A001. The contractor shall maintain and update the IMS to reflect changes in detailed execution of activities or changes in schedule.

C.3.1.6. Cost and Software Data Reporting (CSDR). The contractor shall electronically produce and deliver Contractor Cost Data Reports (CCDR) in accordance with DoDM 5000.04-M-1 (CSDR Manual, November 2011) and CDRLs A002, A003, and A004.

C.3.1.6.1. CSDR Sub-contractor Flow-down. The contractor shall flow-down CSDR requirements to all subcontracts that have a total expected value of \$50 million or greater in accordance with DFARS 252.234-7004(b).

C.3.1.6.2. Resource Distribution Table (RDT). The RDT (Attachment 0003) shall be based on the work breakdown structures used in OSD-DDCA approved CSDR Contract Plans (Attachment 0004). The RDT shall identify the value of work assigned to subsidiaries and subcontractors. The contractor shall electronically produce and deliver an RDT in accordance with CDRL A005 whenever the Government adds funding to the contract.

C.3.1.7. Work Breakdown Structure (WBS) Index and WBS Dictionary. The WBS Index and WBS Dictionary shall be used for CSDR and EVM.

C.3.1.7.1. Cost and Software Data Reporting. The contractor shall maintain a product oriented WBS Index and WBS Dictionary in accordance with the OSD-DDCA approved CSDR Contract Plans, Attachment 0004, and CDRL A004.

C.3.1.7.2. Earned Value Management. The WBS for earned value management activities shall be consistent with the lowest levels specified by the OSD-DDCA approved CSDR Plans in Attachment 0004. Tailoring of the WBS below the levels specified in the CSDR plans shall be as mutually agreed between the contractor and the Government. The contractor shall implement a WBS that is consistent with the lowest levels specified in MIL-HDBK-881A (30 Jul 2005). The WBS shall be extended down to the appropriate level required by the contractor to provide adequate internal management, surveillance, and performance measurement, regardless of the reporting level stipulated in the contract for Earned Value Management purposes.

C.3.1.8. Contract Funds Status Report (CFSR). The contractor shall produce and deliver CFSRs, in accordance with CDRL A006.

C.3.1.9. Development/Procurement Cost Reporting. The nonrecurring development engineering effort and the recurring manufacturing effort of the developed item shall be reported separately in the CSDR and IPMR deliverables. Each separately reported effort shall use all applicable elements of the WBS according to their intended use as described in MIL-HDBK-881A (30 Jul 2005) and the approved OSD-DDCA CSDR Contract Plans, or as otherwise agreed.

C.4. ECP Configuration Management (CM).

C.4.1. ECP Configuration Management Plan (CMP). The contractor shall leverage the existing Stryker FOV CM Process to maintain CM of Stryker ECP variants and supporting equipment using ANSI/EIA-649, National Consensus Standard for Configuration Management, and MIL-HDBK-61A (SE), Configuration Management Guidance as guidance. The CM program shall be documented in the CMP, CDRL A007. The CMP shall include a description of how the contractor will maintain the CM program. Any deviation from the CMP shall require Government Contracting Officer approval.

C.4.1.1. ECP Configuration Identification and Document Control. The contractor shall document and maintain the configuration status across all ECP Stryker variants, production kits, and supporting equipment, hardware, software, and firmware to assure complete identification status accounting and control throughout the program lifecycle. The contractor shall synchronize the efforts of all variant and configuration management activities to ensure that the Stryker vehicles conform to the system performance specifications and are identified and documented in sufficient detail to support its life cycle, to ensure component interchangeability, and to ensure accurate system information and safety of system operations and maintenance. The contractor shall make documentation of the configuration status available for Government review on their TeamCenterwebsite.

C.4.2. ECP Configuration Control Board (CCB). The contractor shall utilize the existing Stryker FOV CCB for review of proposed ECP configuration changes. The contractor shall email the agenda identifying the proposed ECP Engineering Change Orders (ECOs) to be discussed with the Government Representatives no later than 72 hours prior to the CCB.

C.4.2.1. ECP ECO Package Coordination. Before submitting a proposed ECO for CCB review and including it in the agenda, the contractor shall coordinate the proposed ECO packages, using the Government approved ECO forms, with its Government counterpart. The ECO package shall include the contractors ECO leads contact information (phone number, mobile number, and email address) and contact information for an alternate point of contact. The contractor shall address and respond to Government questions and revise the ECO packages, as necessary.

C.4.2.2. ECP Indented Bills of Material (IBOM). The contractor shall prepare and maintain an IBOM for each ECP Stryker variant or

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configuration. The contractor shall maximize commonality across the ECP Stryker vehicles and minimize the logistics footprint to the ERR at the system, subsystem, Line Replaceable Unit (LRU), and maintenance significant spare and repair level with other configurations of the Stryker FoV at the Minimum Commonality Baseline (MCB). The contractor shall further maximize the commonality of Tools and Test, Measurement, and Diagnostic Equipment (TMDE), Technical Documentation and interchangeability of operator, crew and maintenance tasks, skills and positions. The contractor shall make the ECP IBOM available for Government review on their Team Center website.

C.4.2.3. ECP Configuration Documentation. The contractor shall maintain Support Replaceable Unit (SRU) and LRU performance specifications or equivalents that were developed under this contract. The contractor shall identify all the specifications developed under the terms of this contract. These specifications shall be delivered with the applicable Engineering Release Record (ERR) in accordance with CDRL A008.

C.5. Hazardous Material.

C.5.1. The contractor shall not deliver any Stryker common and unique parts containing cadmium, hexavalent chromium, beryllium, mercury, asbestos, radioactive materials, lead, lead solder, or other highly toxic or carcinogenic materials as defined in 29 CFR 1910.1200 under the Stryker ECP Development Program without Procuring Contracting Officer (PCO) approval in accordance with C.5.1.1 below. The contractor shall identify all parts containing any of the above hazardous materials (with the exception of lead and lead solder individual components), in accordance with CDRL A009 that have been approved through the process outlined in Section C.5.1. The contractor shall evaluate non-hazardous substitute materials and technologies for potential implementation and document the findings in the Hazardous Materials Management Program Reports (HMMP) (CDRL A010).

C.5.1.1. If the contractor determines that the hazardous materials listed in C.5 are the only acceptable substance or components with no known alternatives, then the contractor shall seek and obtain PCO approval via deviation request 45 days prior to delivering any such item in any form. The Government will consider deviations in these situations on a case-by-case basis. Under no circumstances will hazardous materials containing components or items be used or delivered to the Government without prior Government approval. If the contractor can verify that previously submitted waivers have included the parts to be delivered, a waiver submission is unnecessary and the earlier waiver will grandfather these part occurrences. A list of affected components is required in each HazMatDeviations submission, with the exception of lead and lead solder found in individual electrical components. Lead found in other part assemblies is required. The contractor shall make formal notification at the Critical Design Reveiw (CDR) of each variant of components with no known alternatives parts and seek PCO approval via deviation 45 days prior to prototype vehicle delivery.

C.5.2. Hazardous Materials Management Program/Plan. The contractor shall fully implement and maintain a Hazardous Materials Management Program (HMMP) using National Aerospace Standard 411, "Hazardous Materials Management Program. The contractor shall amend their current HMMP plan for any material or process unique to the ECP program. The HMMP Plan amendment shall include the information required by paragraph 4.3 of NAS 411, including all subparagraphs, and document the approach for minimizing Cr6+. The amended plan shall identify and describe the organizational relationships and responsibilities for eliminating hazardous materials, define the process used to identify the hazardous materials utilized in the manufacturing process, establish prioritization criteria for ranking the relative risks of these hazardous materials and methodology of non-hazardous substitute materials/technologies trade-off studies. The amended HMMP Plan shall address hazardous materials imbedded in the system, produced by the system, and used or created by operation and maintenance of the system. The HMMP is subject to Government approval per the conditions set forth in associated CDRL A010. Compliance to the HMMP is required for the duration of the contract period.

C.5.3. Hazardous Materials Management Report The contractor shall submit Hazardous Material Management Reports in accordance with CDRL A011 which shall identify all hazardous materials (excluding materials and equipment provided by the Government) that are used or delivered in the performance of this contract. The contractors report shall include a listing of prioritized hazardous materials for minimization or elimination per the criteria established in the HMMP Plan and identify those hazardous materials and processes for which non-hazardous substitute materials and technologies may be available for implementation.

C.5.4. Hazardous Materials Parts Tracking Per Prototype Vehicle. The contractor shall identify and provide an electronic report in spreadsheet or database format, in accordance with CDRL A009 , identifying all components containing hazardous materials as identified in C.5 specific to each prototype vehicle.

C.5.5. Solder Requirement. The contractor shall query all of its present and potential Commercial off the Shelf (COTS) suppliers/vendors regarding the types of electrical solder used on all electronic equipment in the Stryker ECP effort. If an alternative, Lead-free electrical solder is used, the contractor shall include this information in a written report to the Government in accordance with CDRL A012.

C.6. Safety Engineering and Health Hazards.

C.6.1. Safety Engineering. The safety program developed for the Stryker FOV shall be updated to address each variant and configuration within the Stryker ECP Program. The Contractor shall continue to apply the standard safety practices in accordance with MIL-STD-882 during the design or modification of the Stryker FOVs when incorporating the ECP design changes.

C.6.1.1. Safety Support. The contractors safety program shall further consist of providing the following support:

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C.6.1.1.1. Identifying hazards and associated causal factors within the system by conducting Safety and Occupational Health analyses and hazard evaluations. This analysis shall be to the functional depth necessary to identify logical, practical, and cost-effective mitigation techniques and requirements for each causal factor. It shall further include operational, maintenance, test and training aspects, hardware, software, environmental and human factors interfaces as potential contributors in all phases of each variant/configuration within the Stryker ECP Program. The contractor shall include the results of any analysis at the System Safety Work Group (SSWG) Meeting and, in the Safety Assessment Report CDRL A013. Any new hazards shall be reported in the Safety Assessment Report CDRL A013.

C.6.1.1.2. Eliminating or reducing significant hazards by appropriate design or material selection. Significant hazards are hazards that are within Severity Category level I and II in accordance with MIL-STD-882. If the contractor determines a significant hazard to personnel cannot be avoided or eliminated, steps shall be taken to control or minimize those hazards. For any significant hazards identified, the contractor shall develop and present its mitigation(s) to the System Safety Working Group at working group meetings. The SSWG will make recommendations to the PM with regards to the approval. The hazards as well as the mitigations shall be included in the Safety Assessment Report (CDRL A013).

C.6.1.1.3. The Contractor shall ensure that warning and caution information detailing the hazards, and actions operators or soldiers must follow are included in instructions for operation, maintenance, assembly, and repairs. The contractor shall further ensure warning or caution markings/labels are placed on hazardous components of the equipment.

C.6.1.1.4. The contractor shall provide Safety Engineering support to the SSWG. The support shall include attendance at SSWG Meeting, providing technical briefs on identified hazards, and recommended mitigations for the elimination or reduction of those hazards. The contractor shall brief on additions to the Technical manuals in the form of warnings/cautions or changes to tasks associate with hazards. The SSWG meetings shall be held at test centers or at TACOM-Warren.

C.6.2. Safety Assessment Report (SAR). The contractor shall update a Safety Assessment Report for each ECP Stryker variant and configuration in accordance with CDRL A013.

C.6.2.1. For kits identified within Attachments 0005 and 0006, ECP delta design changes must be reviewed against the initial safety assessment; the safety assessment shall be updated by the contractor in accordance with CDRL A013. If the kit's initial safety assessment was performed by a Government agency, that report will be provided to the Contractor to be updated for the ECP delta design changes.

C.6.3. Radioactive Materials. The contractor shall not use any radioactive materials without the approval of the Government. If the contractor wishes to furnish any items under this contract that will contain Thorium, or other source material (see Title 10, Code of Federal Regulations, Part 40) in excess of 0.05 percent by weight of the mixture, compound, solution, alloy or any other intentionally added radioactive material, the contractor shall provide a list to the Government for approval in accordance with the CDRL A014. The Nuclear Regulatory Commission (NRC) license or Agreement State License and if applicable NRC Form 241 must be in place before contractor integration, possession, manufacturing, distribution and storage of the radioactive component or item. A copy of the contractors NRC license or Agreement State License application (if applicable NRC Form 241) and eventual NRC license or Agreement State License must be provided to the Tank-automotive and Armaments Command Life Cycle Management Command (TACOM LCMC) Safety Office in order to review the application and license, and to assure Government requirements, as provided in AR 385-10 and NRC 10 CFR, are met. The contractor during its application for NRC or Agreement State License shall immediately notify the Government of their requirement for NRC licensing. The contractor under their NRC or Agreement State License shall account for possession, system integration, distribution, storage, maintain records and document transfer of the Rad component or item to include documenting transfer to another NRC or Agreement State License.

C.6.3.1. Verification of Authorization to Receive Radioactive Material. The Government shall not issue direction to the contractor to receive or ship commodities, items or end items that contain radioactive materials without prior written verification from the TACOM LCMC or Communications-Electronics Command (CECOM) Radiation Safety Officer (RSO) listed on the U.S. Army NRC licenses for the items that the receiving destination, organization and consignee are authorized by an NRC or Agreement State license, and if applicable, an Army Radiation Permit (ARP), to receive or ship the items. The contractor shall not execute the direction from the Government to receive or ship items containing radioactive materials, nor shall the contractor upon the contractors own initiative receive or ship items containing radioactive materials, without prior written verification from the GDLS RSO listed on the GDLS NRC licenses for the items that the receiving destination, organization and consignee are authorized by an NRC or Agreement State license, and if applicable, an ARP to receive or ship the items.

C.7. Development.

C.7.1.1. The contractors responsibilities under Phase II of the ECP Upgrade Program shall be to restore lost platform performance through a limited set of engineering upgrades and ensure Stryker vehicles are able to accept the Army network.

C.7.1.2. Systems Engineering. The contractor shall use its Systems Engineering process to execute the detailed design phase, in accordance with the Stryker Systems Engineering Plan (SEP), dated 25 June 2012, Attachment 0007.

C.7.1.3. Design to Unit Retrofit Cost (DTURC). The contractor shall design to cost in accordance with the DTURC goal given below and shall provide the DTURC status at Technical Reviews. The DTURC goal shall be used by the contractor as a design parameter to control vehicle production cost for the variants identified in paragraph C.7.1.6. The DTURC goal consists of the hardware associated with the

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critical technologies identified in sections C.7.2.1 through C.7.2.1.4, and the labor for teardown and rebuild/retrofit.

C.7.1.3.1. The DVH vehicle DTURC goal is \$0.905M for the first year of retrofits, assumed FY17. The DVH goal is based on a weighted average across all seven variants. The contractor should assume all existing DVH Stryker vehicles will be retrofitted, at a retrofit quantity of one brigade per year. The DTURC goal refers only to vehicle production costs and do not include modifications to kits. The control of vehicle production costs shall be achieved Identifying opportunities to simplify the PDR design while integrating the critical technologies in section C.7.2.1 improving existing cost source data and continuing to use cost as a key design parameter throughout detail design.

C.7.1.4. Information Assurance (IA).

C.7.1.4.1. Information Assurance Engineering Reports. The contractor shall provide IA reports pertaining to the ECP Upgrade to the Government in accordance with CDRL D001.

C.7.1.4.2. Information Assurance(IA)Design Review Information Package (DRIP). The contractor shall provide an Information Assurance Design Review Information Package in accordance with CDRL D002.

C.7.1.5. Engineering and Manufacturing Development.

C.7.1.5.1. Technology Demonstrations.

C.7.1.5.1.1. System and Subsystem Test Plan Execution. The contractor shall execute the Government approved Contractor System and Subsystem Test Plans delivered as CDRL D003.

C.7.1.5.1.2. Demonstrations and Contractor Tests. The contractor shall demonstrate/test capability improvements in a laboratory environment, during two user juries, and/or on a Stryker vehicle. The contractor shall provide test reports to the Government in accordance with CDRL D004 - System and Subsystem Test Reports.

C.7.1.6. Design. The contractor shall develop detailed designs in accordance with the Stryker Systems Engineering Plan (SEP) (Attachment 0007) and deliver them in accordance with CDRL D022. The Contractor shall also make the detailed designs available for Government review on their TeamCenter website. The contractor shall present the detailed design at the Critical Design Review (CDR) and at the Technical Interchange Meetings (TIMs) for the following vehicle variants:

DVH
ICVV
MCVV
CVV
FSVV
ESVV
MEVV
ATVV

C.7.1.6.1. Commonality. The contractor shall maximize the use of common components across all ECP Stryker variants. In the event a modification resulting from ECP Upgrade diminishes current levels of common components, the contractor shall notify the Government at the next TIM. The commonality considerations shall include the four technologies identified in Section C.7.2.

C.7.1.6.1.1 Any common and Mission Equipment Package (MEP) FOV changes shall be authorized by the PCO prior to incorporation into the ECP Program. Changes will be executed in accordance with the Changes clause FAR 52.243-2- Changes- Cost Reimbursement- Alternate V.

C.7.1.6.2. Throughout the development effort, the contractor shall prioritize the selection of components for commonality (hardware and software) in accordance with the following hierarchy:

- a. Stryker FoV - 7 DVH variants
- b. Stryker FOV FB Fleet
- c Stryker Brigade Combat Teams - All equipment resident within an SBCT
- d. PEO GCS Inventory- Example: Combat Vehicle Platforms/ ABCT. United States Army Inventory
- e. Department of Defense Inventory - Includes Navy, Air Force, and other services within the DoD.

C.7.1.7. Integration and Test.

C.7.1.7.1. Integration and Test Planning. The contractor shall integrate the design and plan subsystem and system level testing prior to formal Government developmental and operational testing and operational assessment. The contractor shall present design progress at the TIMs.

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C.7.1.7.2. Integration Test Plans. The contractor shall provide test plans including schedules and procedures. The contractor shall present test planning progress at the TIMs. The contractor shall deliver system and subsystem test plans in accordance with CDRL D003 - Contractor System and Subsystem Test Plans.

C.7.1.7.3. Prototype Build. The contractor shall build prototypes in accordance with the quantities and variants listed below. The USG will replace any Non-Functioning Common and MEP parts for the build as GFE. In the event of an existing noncompliance in common or MEP hardware, the responsibility for the non-recurring costs to correct (eg., problem investigation and development and validations of the corrective actions) will not be covered under the terms and conditions of this contract.

DVH

ICVV: 4
 MCVV: 1
 CVV: 2
 FSVV: 1
 ESVV: 2
 MEVV: 1
 ATVV: 1

C.7.1.7.4. Contractor Systems Level Development Test. The contractor shall plan and conduct a final system level development test prior to delivery of vehicle prototypes. The contractor shall maintain system level test procedures, assemble and integrate the system, perform tests, review test results, and conduct regression testing prior to delivery of vehicle prototypes. The contractor shall deliver test results in accordance with CDRL D004.

C.7.1.7.5. Interface Control Documents (ICDs) and Interface Description Documents (IDDs). The contractor shall provide access to ICDs and IDD or equivalents (such as production drawings for LRUs and SRUs specifications) or other applicable requirements as determined necessary by the Government on the contractor Team Center website. The contractor shall maintain ICDs and IDDs in contractor format.

C.7.1.7.6. ECP Kit Drawings. The contractor shall provide delta kit and ECP DVH kit drawings IAW CDRL D015 utilizing the existing Stryker FOV kit TDPs.

C.7.1.8. Vehicle Electronics, Vehicle Network, and Software Development and Processes.

C.7.1.8.1. Vehicle Electronics and Vehicle Network Development Documentation. The contractor shall deliver updated vehicle electronics and vehicle network design documentation in accordance with CDRLs D005 and D019. The contractor shall deliver all one-wire diagrams developed in support of automotive systems, in-vehicle network, C4ISR, and power distribution architectures. The delivery shall be in accordance with CDRL D017.

C.7.1.8.2. Software Development Documentation. The contractor shall deliver updated software design documentation in accordance with CDRL D006. The contractor shall require first tier software subcontractors to develop and deliver a software design documentation set, or to provide the contractor the information necessary to develop a software design documentation set, in accordance with CDRL D006. The USG will coordinate with the Stryker FOV Software Program and provide the latest production software to ensure the ECP test vehicles are production representative.

C.7.1.8.3. Software Release Documentation. The contractor shall deliver updated software release documentation to the Government, in support of all software releases, in accordance with CDRL D018.

C.7.1.8.4. Software Development Process. The contractor shall deliver an updated Software Development Plan in accordance with CDRL D021.

C.7.1.8.5. Software Quality Assurance Process. The contractor shall prepare and deliver a Software Quality Assurance Plan (SQAP) for the development effort in accordance with CDRL D007.

C.7.1.8.6. Software Transition Process. The contractor shall prepare and deliver a Software Support Plan for the development effort in accordance with CDRL D008.

C.7.1.8.7. Software Metrics. The contractor shall prepare and deliver software process metrics in accordance with CDRL D009.

C.7.1.8.8. Software Support. The contractor shall apply a software life cycle process in accordance with the Institute of Electrical and Electronics Engineers (IEEE) Standard, Systems and Software Engineering Software Life Cycle Processes [IEEE Std 12207-2008 | ISO/IEC 12207:2008(E)], to provide production software support and maintain and upgrade Mission Critical Computer Resources. Mission Critical Computer Resources are defined as the contractor-supplied hardware/software items necessary for the vehicle to be operative.

C.7.1.9. Structural Analysis. The contractor shall evaluate the structural integrity of new and modified mechanical structures and LRU designs. The contractor shall provide conclusions and recommendations regarding design adequacy and provide analyses of conformance to the System Performance Specification (SPS) (Attachment 0010) at TIMs.

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C.7.1.10. Modeling and Simulation (M&S). The contractor shall perform M&S in accordance with the Systems Engineering Plan (Attachment 0007).

C.7.1.11. Survivability Analysis and Validation. The contractor shall evaluate the survivability of new and modified mechanical structures and LRU designs. The contractor shall provide conclusions and recommendations regarding design adequacy and provide analyses of conformance to the SPS (Attachment 0010) in accordance with CDRL D010-Fire Suppression M&S Data, and CDRL D011-Ballistic Vulnerability M&S Data. Upon written request, the contractor shall provide input for updating the Government Stryker Simulation Support Plan. The contractor shall utilize the existing Stryker FOV baseline models.

C.7.1.12. Thermal Analysis and Validation. The contractor shall manage the design of vehicle subsystems and determine thermal loads and temperature distributions. The contractor shall provide conclusions and recommendations regarding design adequacy and provide analyses of conformance to the SPS (Attachment 0010) at scheduled TIMs.

C.7.1.13. Reviews.

C.7.1.13.1. Meeting Documentation. For each formal technical review, the contractor shall prepare a meeting agenda and presentation material prior to each of the meetings. The contractor shall prepare written minutes following each of the meetings and forward to all attending organizations no later than 48 hours after the meeting in accordance with CDRL D020 - Meeting Minutes. Organizations responsible for each action item shall be indicated with suspense dates mutually agreed upon during the meeting.

C.7.1.13.1.1. Technical Reviews. The contractor shall conduct technical reviews in accordance with the IMS and SEP for each variant identified in Section C.7.1.6. Whenever feasible, multiple variants shall be covered during a formal review. The entry and exit criteria for each formal review in the current Stryker SEP (Attachment 0007).

C.7.1.13.1.2. Integrated Product Process Development (IPPD).

C.7.1.13.1.2.1. Integrated Product Process Development (IPPD). Integrated Product Team (IPT) Working Groups (WGs) comprised of Government and Contractor subject matter experts (SMEs) shall review progress of the ECP Program. The Contractor shall inform the Government of the schedule of those WG meetings that correspond to the Test, Systems Engineering, Survivability, Lethality, Mobility, Vetrionics, and Software Working IPTs (WIPTs) identified in Table 3.4.4-1 of the SEP.

C.7.1.13.1.2.2. Reliability Contractor Support. The contractor shall provide support to the Government Stryker Brigade Combat Team (BCT) Project Manager for selected Government briefings and presentations. The contractor shall attend formal and informal meetings and prepare appropriate electronic media to support Government briefings and presentations. The meetings may include, Integrated Product Team (IPT) meetings, RAM scoring conferences, Test Readiness Reviews (TRR), and RAM Assessment Conferences.

C.7.1.14. Technical Performance Parameters (TPPs). The contractor shall propose TPPs for the purpose of mitigating program risk. The contractor shall propose TPPs no later than 30 days after contract award at the next scheduled TIM. The contractor may propose modification of the TPPs with Government concurrence. The contractor shall report on the status of TPPs and their effect on conformance to the SPS (Attachment0010 at TIMs and formal reviews. The initial TPPs for the Stryker ECP are weight, CG, and DTURC.

C.7.1.15. Reliability Requirements. The contractor shall design and test for compliance to reliability requirements. As an ECP effort, the vehicles designed and built under this ECP shall not degrade the reliability performance of Contractor Furnished Equipment (CFE), hardware, and software below the level specified in the SPS (Attachment0010). The contractor shall present progress at theTIMs.

C.7.1.15.1. Reliability Program Plan Execution. The contractor shall execute the approved Reliability Program Plan, Attachment 0008 ,developed in Phase 1 of the ECP Program.

C.7.1.15.2. Reliability Case Report. The contractor shall document in the form of a Reliability Case Report the achievement of the Government approved Reliability Program Plan objectives in accordance with CDRL D012. The contractor generated report shall assess the reliability of the system using the System Reliability Model, the life-cycle operational & environmental load estimates generated therein, and the Failure Definition and Scoring Criteria (FDSC), Attachment 0009.

C.7.1.15.3. Reliability Analysis. The contractor shall establish and maintain an integrated Reliability model for the ECP effort based upon the FDSC identified by the Government that translates the development design into allocations and predictions enabling achievement of the reliability quantitative performance parameters. The system reliability model shall be used to: (1) generate and update the reliability allocations from the system level down to lower indenture levels; (2) aggregate system-level reliability based on reliability estimates from lower indenture levels; (3) identify single points of failure; and (4) identify reliability critical items and areas where additional design or testing activities are needed in order to achieve system reliability requirements. The system reliability model shall be used in order to assess if the design (including GFE integration) is capable of realizing reliability requirements in a user environment.

C.7.1.15.4. Failure Modes and Mechanism. The contractor shall identify and characterize failure modes and mechanisms for the ECP effort. The identification of failure modes and mechanisms shall be performed as a part of the design effort for any configuration items

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developed or modified under the ECP effort. The estimates of life-cycle loads on assemblies, subassemblies, and components shall be used as inputs to engineering and physics-based models in order to identify potential failure mechanisms and the resulting failure modes. Failure modes that may be induced by user or maintainer error shall be identified and confirmed through analysis or test. Failure modes and distributions that may be induced by manufacturing variation or errors shall be identified and confirmed through analysis or test.

C.7.1.15.5. Closed-Loop Failure-Mode Approach. The contractor shall establish and implement a closed loop failure reporting, analysis and corrective actions system. The contractor shall have an integrated team, consisting of suppliers of assemblies, subassemblies and components that shall analyze failure modes arising from modeling, analysis, test, or the field throughout the life cycle in order to formulate corrective actions. This process will be used to respond to Test Incident Reports (TIRS) and develop Failure Analysis & Corrective Action Reports (FACARS). Failure modes shall be mitigated by one or more of the following approaches: eliminating the failure mode, reducing its occurrence probability or frequency, incorporation of redundancy, mitigation of failure effects (e.g., fault recovery, degraded modes of operation, providing advance warning of failure), or acceptance of failure mode, failure rate, or detection rate.

C.7.1.16. Chemical, Biological, Radiological, and Nuclear (CBRN) Survivability and Decontamination Compliance Report. The contractor shall provide an analysis of the Stryker ECP Upgrade compliance with Army FM 3-11.5 "CBRN Decontamination", April 2006, denoting CBRN survivability and decontamination requirements, to the Government in accordance with CDRL D013, CBRN Survivability Compliance Report.

C.7.1.17. System Integration Laboratories (SIL).

C.7.1.17.1. ECP SIL Capability. The contractor shall modify existing ECP SIL capability as required to support the design, development, and testing of the Stryker ECP variants cited in paragraph C.7.1.6.

C.7.1.17.2. Unique SIL Benches. In the event the contractor requires utilization of the unique Stryker FoV SIL benches for ECP purposes, the contractor may perform hardware and software modifications to the unique SIL benches. Upon completion of testing, the modifications shall be reversed and the bench shall be returned to the latest approved level of configuration.

C.7.1.17.3. Facility Demonstrator Vehicle and ECP Stryker SIL Maintenance. The contractor shall provide routine maintenance, not to exceed \$5,000, to the Facility Demonstrator Vehicle and the ECP portion of the SIL facilities and equipment created or modified under this contract. If the routine maintenance is expected to exceed \$5,000, the contractor must obtain Contracting Officer approval prior to proceeding with the routine maintenance.

C.7.2. Specific Scope. The contractor shall execute Stryker ECP Upgrade activities for the four key vehicle improvements and corresponding technologies listed below. Whenever feasible, the contractor shall use previous Stryker and LAV subsystem and component designs to mitigate cost and risk to the Stryker ECP Upgrade. Unless otherwise stated within this SOW, vehicle performance requirements can be found in Stryker SPS(s) 2000.1 through 2000.11 inclusive (Attachment 0010). In the event that the key technologies inhibit the system's ability to meet the Stryker SPS, the contractor shall notify the Government, and a mutually agreed upon path forward shall be developed for final Government approval.

C.7.2.1. Critical Technologies.

C.7.2.1.1. The contractor shall add a mechanical power upgrade

- a. The contractor shall integrate into the Stryker DVH vehicle the 450 hp rated engine used during the Phase 1 development activities.
- b. The contractor shall integrate into the Stryker DVH vehicle the six speed transmission used during the Phase 1 development activities.
- c. The contractor shall integrate into the Stryker DVH vehicle a climate control system capable of removing 15kW of heat from the crew compartment of the vehicle.
- d. The contractor shall upgrade all the supporting subsystems on the Stryker DVH vehicle, within the Full Up Power Pack), to maintain sub-system fluid temperatures within the manufacturers specification, while subjected to a continuous tractive effort weight ratio of 0.62 at a vehicle weight of 60,000 lbs, ambient temperature of 120 °F / 49 °C, 3% RH, 1125 W/m² solar load, and with the climate control system off.

The supporting sub-systems are as follows:

- i. Engine
- ii. Transmission
- iii. Transfer Case
- iv. Hydraulics
- v. Fuel Delivery

C.7.2.1.2. The contractor shall add an electrical power upgrade.

a. The contractor shall integrate into the Stryker FoV the 910 amp alternator capable of producing a minimum current of 910 amps @ 28 Vdc at standard temperature and atmospheric pressure conditions onto the FUPP as outlined above in section C.7.2.1.1 (mechanical power upgrade).

b. The contractor shall integrate into the Stryker FoV an electrical power distribution system capable of distributing the maximum

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amount of electrical power generated by the 910 amp alternator.

c. The contractor shall develop a software controlled and reconfigurable solid state breaker architecture to replace the existing power distribution panel (PDP), PDP #2, and Communications Power Distribution Unit). The architecture shall support the additional electrical generation capacity of the 910 amp alternator. The architecture shall provide a uniform circuit protection method and allow for control of solid state circuit breakers from multiple crew stations. The power distribution system shall provide CAN SAE J1939 and Ethernet standard vehicle interfaces. The contractor shall utilize MIL-STD-1275 for the electrical power distribution system. The electrical power distribution system shall have the ability to monitor and report over the CAN interface, power usage by channel in order to enable future LRU prognostics and diagnostics.

C.7.2.1.3. The contractor shall add a chassis upgrade.

a. The contractor shall integrate into the Stryker DVH vehicle a chassis design solution (suspension, driveline and steering subsystems) supporting a Gross Vehicle Weight Rating (GVWR) of no less than 63,000 lbs).

b. The contractor shall integrate into the Stryker DVH vehicle the following suspension & driveline systems:
GDLs 6.0 suspension & driveline. Passive spring and damper response tuned to the requirements within the current SPS, 2000.1, paragraph 3.1.1.5.9, at a vehicle weight of 60,000 lbs.395/85R20 tires.

c. The driveline ratio on the Stryker DVH vehicle shall be optimized for the following parameters:

- i.Top speed: 60 MPH
- ii.50 meter dash: less than nine seconds
- iii.Sustained tractive effort ratio cooling: 0.62

The following parameters shall be used in system analyses conducted to support this optimization:

- Power pack updates described in Section C.7.2.1.1
- Electrical system upgrades described in Section C.7.2.1.2
- Vehicle weight of 60,000 lbs 550 amp power draw from alternator
- Vehicle frontal area of 91.84 ft²
- Drag coefficient of 1.2Cooling fan speed representative of the test condition

C.7.2.1.4. In-Vehicle Network.

C.7.2.1.4.1. The contractor shall add an In-Vehicle Network (IVN) hardware and software architecture, designed in accordance to Attachment 0011 (Attachment 0011 references the specifications described in Attachments 0012, 0013, 0014, and 0015) "Stryker In-Vehicle Network Architecture (IVNA) Specifications" to the Stryker FoV.

C.7.2.1.4.1.1. The contractor shall apply the IVNA specifications to all software and hardware components that are created or added to the Stryker FoV system; resultant from the contractors implemented IVN design. All pre-existing software and hardware Stryker Upgrade components are exempt from IVNA specification compliance, with regards to their integration with the contractors implemented IVN design.

C.7.2.1.4.2. The contractor shall use Commercial off the Shelf (COTS), Information Assurance enabled IT products as applicable per DoDI 8500.2.

C.7.2.1.4.3. The contractor shall meet the audit standards of data integrity for the following information assurance control items as specified in DODI 8500.2 and as applicable to the contractors IVN ECP design:

- COBR-1 DCSR-3 ECCT-2 PECF-2
- PRRB-1 DCFA-1 DCP-1 IATS-2
- DCSP-1 ECCR-2 ECID-1 ECCR-3
- DCPA-1 ECAT-2 DCAS-1 DCNR-1
- ECTC-1 PRMP-2 DCBP-1 ECTM-2
- DCSL-1 ECCD-2 ECIC-1
- PESL-1 EBBD-3

C.7.2.1.4.4. The contractors IVN design shall be premised on integration with the Video Display Electronic Terminal (VDET) based Stryker architecture. The contractor shall not create an IVN design premised on integration with the VDT based Stryker architecture.

C.7.2.1.4.5. The contractors IVN design shall replace the Strykers existing GFM Drivers Vision Enhancer display with an alternate multifunction capable display and shall maintain or exceed functionality as implemented in the current Stryker (Reference: IVN Display Resource, per Attachment 0011).

C.7.2.1.4.6. The contractors IVN design shall replace the Strykers existing GFM PM-FBCB2 JV-5 systems display (P/N# TBD) with an alternate multi-function capable display and shall maintain or exceed functionality as implemented in the current Stryker platform (Reference: IVN Display Resource, per Attachment 0011).

C.7.2.1.4.7. The contractors IVN design shall replace the Strykers existing 10/100 Ethernet switch with a 10/100/1000 (Gigabit) Ethernet

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switch(es) and shall maintain or exceed functionality as implemented in the current Stryker (Reference: Ethernet Switch, per Attachment 0011).

C.7.2.1.4.8. The contractors IVN design shall network the VDET, the commanders IVN Computing Resource, and the drivers IVN Computing Resource (Reference: IVN Computing Resource, per Attach 0011).

C.7.2.1.4.9. The contractors IVN design shall implement a Multi-Function Vehicle Port (MFVP). (Reference: Multi-Function Vehicle Port, per Attachment 0011).

C.7.2.1.4.10. IVN Functionality.

C.7.2.1.4.10.1. All automotive gauges, indicators, signals, and statuses available on the Strykers Gauge Cluster Unit (GCU), that are driven by data delivered to the GCU via the Strykers CAN data busses, shall be viewable on the VDET and the commanders IVN Display Resource (Reference: IVN Display Resource, per Attach 0011).

C.7.2.1.4.10.2. Strykers Embedded Diagnostics System (EDS) Enhancements. The Stryker EDS user interface shall be made available on the VDET, the commanders IVN Display Resource, and the drivers IVN Display Resource (Reference: IVN Display Resource, per Attach 0011). The Stryker EDS active fault display and acknowledgment location shall be configurable to each of the EDS user interface locations cited above.

C.7.2.1.4.10.2.1. Option. The Stryker EDS shall be modified in accordance with the requirements contained in Attachment 0016.

C.7.2.1.4.10.3. The Strykers electrical power distribution system software user interface shall be made available on the VDET, the commanders IVN Display Resource, and the drivers IVN Display Resource (Reference: IVN Display Resource, per Attach 0011).

C.7.2.1.4.10.4. The Strykers GPS location (longitude, latitude, and elevation), GPS time, and GPS direction of travel shall be viewable on the VDET, the commanders IVN Display Resource, and the drivers IVN Display Resource (Reference: IVN Display Resource, per Attach 0011).

C.7.2.1.4.10.5. The Strykers Environmental Control System (ECS) settings shall be both viewable and controllable on the VDET, the commanders IVN Display Resource, and the drivers IVN Display Resource (Reference: IVN Display Resource, per Attachment 0011).

C.7.2.1.4.10.6. The Strykers PDF Viewer, accessible on the VDET of the current Stryker, shall be made accessible on the commanders IVN Display Resource and the drivers IVN Display Resource (Reference: IVN Display Resource, per Attach 0011).

C.7.2.1.5. Government Furnished Equipment (GFE).

C.7.2.1.5.1. In accordance with the IMS, the Government will provide one vehicle by the specified need dates for each ECP-modified variant to support logistics validation and verification. The contractor shall utilize the vehicles for processes supporting logistics validation and verification during ECP phase II. Logistics validation and verification may necessitate vehicle alteration as required for development of logistics products approved by the Government.

C.7.2.1.5.2. The Government will provide test vehicles by the IMS-specified need dates for selected ECP-modified variants to support contractor testing. The variants and the quantity provided will be selected by mutual agreement between the Government and the contractor. The contractor shall utilize the vehicles for processes supporting contractor testing during ECP phase II. Contractor testing may necessitate vehicle alteration.

C.7.2.1.5.3. The contractor shall provide the Government with a GFM/E/I requirements list to support Phase II in accordance with CDRL L020.

C.7.2.1.5.4. The Government will provide the use of the following Government test sites: Aberdeen Proving Grounds, Yuma Proving Grounds, and Electronics Proving Grounds as required to support the initiatives.

C.7.2.1.6. Interface to Existing kits and C4ISR Kits. As necessary and in accordance with the kit assessment accomplished during Phase 1, the contractor shall modify the existing kits and kit interfaces identified in Attachments 0005 and 0006 to allow for kit installation onto Stryker vehicles such that the variant roles, referenced in Attachment 0005, can be configured from the Contractor's Technical Data Package (TDP) managed variant configurations. The contractor shall utilize the existing Stryker FOV C4ISR Technical Data Package (TDP).

C.7.2.1.6.1. Vehicle Fit-Up. Subsequent to the efforts conducted under C.7.2.1.6, the contractor shall conduct a trial fit up of the kits, document and list corrective actions for any interferences/incompatibilities and provide to the Government IAW CDRL D014. The contractor shall conduct a second fit up to verify corrective actions taken as a result of initial fit up. All Stryker kits shall be checked against applicable Stryker FoV ECP vehicles. The USG will provide the Stryker FOV base hardware for the vehicles to include the DVH delta kits in accordance with CDRL L020-Government Furnished Material.

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C.7.2.1.7. Risk Management.

C.7.2.7.1. The contractor shall follow the Stryker Risk Management Plan (Attachment 0017).

C.7.2.7.2. The contractor shall provide a risk status report in accordance with CDRL D016.

C.7.2.1.8. Transportability Analysis & Report. The Contractor shall analyze each Stryker DVH variant for its ability to be transported by road, rail, ship and air (C-17 and C-5 airframe); with and without a full complement of kits. Preliminary Transportability analysis results will be presented at the USG scheduled CDR. A final Stryker Transportability Report will be supplied per CDRL D023.

C.8. Integrated Logistics Support (ILS). The Contractor shall plan, manage and execute an ILS Program for Stryker ECP Phase II. The Contractor shall use the existing Stryker logistic support products as a baseline, conduct a Logistics Support Analysis (LSA) of the ECP changes/improvements, and update Logistics Management Information (LMI) to match the ECP vehicle configurations. The contractor shall ensure LSA/LMI data is available with sufficient lead time to validate/verify and field a logistics support package in support of ECP vehicle testing, and ECP vehicle fieldings. Logistic product updates under this scope are for ECP vehicle changes only, to include all vehicle configuration/technical data package changes, and the resolution of all ECP testing. Single OPTEMPO will be provided by the USG.

C.8.1. Level of Repair Analysis (LORA). The contractor shall conduct a LORA for new/modified ECP Field level components/ Line Replaceable Units (LRUs) The contractor shall conduct an economic and non-economic repair analysis. The contractor's examination and analyses shall determine the system, subsystems, assemblies, and subassemblies level of repair to the Field Level and determine if discard is warranted using the latest version of the Computerized Optimization Model for Predicting and Analyzing Support Structures (COMPASS) or Equipment Designers Cost Analysis System (EDCAS) Model. The contractor shall provide a LORA report, to include all COMPASS or EDCAS input and output data files used in the assessment (CDRL L001).

C.8.2. Reliability Centered Maintenance (RCM) Analysis. The contractor shall perform RCM analysis on ECP program unique components in accordance with AR-700-127 to identify and document on and off system Operator and Field Level Maintenance service tasks based on scheduled and on-condition preventive maintenance requirements. The analysis shall be conducted to support the Stryker Two Level maintenance concept. The contractor shall provide a validated final report that will summarize the findings of the RCM analysis and provides the following information (CDRL L002):

- a) Fully described functions supported by the system under analysis
- b) Subsystems of the system under analysis
- c) Appropriate and cost effective maintenance policies for the subsystems analyzed
- d) Shortcomings and recommended design changes for subsystems analyzed, if discovered
- e) RCM output data that shall be used as input for decision support tools that allow for electronic maintenance diagnosis.

C.8.3. LMI/LSA Database. Supportability data shall be stored in the contractor's integrated LMI/LSA system database and shall be accessible to the Government at the contractors facility. The contractor's supportability database shall be capable of producing preformatted logistics reports including but not limited to Maintenance Allocation Charts (MAC) and shall have a query capability. LMI/LSA-001 & LSA-004 reports shall be developed using MIL-HDBK-502 for Acquisition Logistics as guidance. Reports from the LMI/LSA database shall be provided to the Government upon request. The contractor shall update their LMI databases to match the ECP configuration, and shall include Government Furnished Information (GFI)/Government Furnished Equipment/Material (GFE/M) data as required to document complete configurations and interfaces. (L003)

C.8.4. Maintenance Task Analysis. The contractor shall define all tasks required to operate, maintain, and support the system to the lowest field replaceable assembly, and to the lowest Field component level. The task analysis shall identify all logistic support resources (i.e., manpower, force structure, facilities, support equipment, test program sets, training, initial parts allocations, etc) required to perform each task. The analysis shall consider and define the ECP impacts on the Stryker FoV. Task analysis shall be documented via LMI reports. (L003)

C.8.5. Provisioning. The contractor shall conduct provisioning in accordance with the established Stryker 2 Level maintenance philosophy down to the lowest field replaceable assembly. The contractor shall provide production representative drawings for all P-coded items to support item identification, application and next higher assembly in accordance with CDRL L004.

C.8.5.1. Provisioning Conferences. The contractor shall conduct formal provisioning conferences quarterly, and shall provide the necessary information to allow the Government to screen all part numbers for existing National Stock Numbers (NSNs) prior to delivery of LMI in accordance with CDRL L004. Ensure first delivery is after CDR.

C.8.5.2. Provisioning Alignment with Technical Publications Development. The contractor shall coordinate and schedule provisioning activities to ensure technical manual tasks and associated RPSTL updates are in alignment.

C.8.5.3. Engineering Data for Provisioning (EDFP). The contractor shall assemble the EDFP 30 days prior to the provisioning conference using 1388 delivery format. (CDRL L004).

C.8.5.4. Quality of LSA 036 Reports. The contractor shall ensure that the LSA 036 reports presented to the Government are acceptable for

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loading into the Logistics Modernization Program (LMP)/SAP system. The contractor shall deliver the LSA 036 for provisioning conferences in accordance with CDRL L004. The quality of the LSA 036 will be measured by the number of Provisioning Line Item Sequence Numbers (PLISNs) presented versus the number of errors found at each provisioning conference. For the entire contract period, the contractor shall present LSA 036 reports for each conference with a minimum of 98% acceptance rate (no more than 2 errors per 100 lines). The contractor shall provide all drawings to support the provisioning conferences. (CDRL L004).

C.8.6. Technical Publications.

C.8.6.1. DVH Technical Publications. The contractor shall create new Technical Publication's for DVH ECP using current DVH as a baseline. For the - 10 (Operator) and -13&P IETM DVH technical publications the contractor shall incorporate ECP changes into current DVH publications. All new and modified tasks will be written to existing Operator/IETM publication MIL-STD, determined at the start of work meeting and updated ECP style guide (Attachment 0025), Legacy current FoV waivers apply to carry over tasks only The contractor shall use the Stryker FOV current DVH publications and current kit publications.

C.8.6.2. The contractor shall update and provide, in accordance with CDRLs L005 and L006, validated and verified Interactive Electronic Technical Manuals (IETMs) and paper Operator manuals and updated kit publications to include an editable PDF file on CD-ROM or DVD for paper-based publications. The publications shall be based on the production configuration of the Stryker ECP variants.

C.8.6.3. Publication History File. The contractor shall maintain a publication history file (CDRL L008). This file shall contain a record of all changes to each publication as a result of ECP change drivers (including but not limited to ECOs or ECPs, DA Form 2028s, FACARS, Government comments).

C.8.6.4. Technical Manual Validation and Verification. The contractor shall provide combined validation and verification support in accordance with AR 700-127. The contractor shall provide technical (SME) and administrative Val/Ver Monitors support for the Government TM Validation and Verifications. Validation and Verification shall be performed per USG Validation and Verification Plan. (Attachment 0022) This support may consist of management support, logistics engineering support, maintenance engineering, diagnostic engineering, technical writers/editors and illustrators, provisioning support, field representative support and other specialties engaged in development. The contractor shall monitor and document (IAW CDRL L005) the combined contractor validation and government verification of the IETMs, paper operator manuals, kit publications, and incorporate all changes or corrections into the final products. The contractor will incorporate all contractor and government comments and corrections made during the validation and verification in the time frame specified in the USG Validation & Verification Plan. USG will be available to support the contractors validation/verification schedule.

C.8.6.5. Technical Publication Quality Assurance Plan (TP QA). The contractor shall adhere to the current Stryker TP QA (Attachment 0021).

C.8.6.6 External Agency Tasks Review Comment Incorporation Cycle Time. External agency review comments shall be incorporated within 30 working days of the contractor receiving direction to include these comments by the COR. Incorporation shall be demonstrated to the Government by a joint review of the IETM/Operator Manual/Kit Publication content upon final delivery (Government may use sampling to ensure incorporation). Schedule may be subject to rebaselining due to USG priority changes or influences affecting schedule outside GDLS control and may be adjusted based on date and magnitude of external agency comments (Safety, CASCOM, TCM, etc.).(CDRL L005, CDRL L006)

C.8.6.7. Rejected Tasks Cycle Time. Tasks that are rejected during validation & verification shall have all comments/corrections incorporated, and be presented to the Government within 20 working days of task rejection date unless the error is not the result of logistics product development.

C.8.6.8. Technical Publication Source Materials. The contractor shall create, provide and deliver technical publications source materials in accordance with AR 25-30 and DA PAM 25-40. The contractor shall deliver technical publications source material as part of all deliveries of the IETM (CDRL L005), Operator Manuals (CDRL L006), Technical Manuals and Technical Bulletins (TBs) (CDRL L009), and any other technical publication provided as part of this contract.

C.8.7. Battle Damage Assessment and Repair (BDAR) TM. The contractor shall update the current Stryker BDAR manuals (Operator and Field Level) to incorporate Stryker ECP deltas. (CDRL L007) The contractor shall use the current Stryker FOV BDAR manuals GFE.

C.8.7.1. Demil Instructions. Contractor shall update current FOV Demil instructions to incorporate ECP deltas. (L007) The contractor shall use the current Stryker FOV Demil instructions GFE.

C.8.8. The contractor shall develop Paper Schematics. The current DVH schematics shall be updated and provided in accordance with (CDRL L007).

C.8.9. Special Tools and Test Equipment (STTE). The contractor shall conduct an analysis of the tools, special tools and test equipment for ECP components. If STTE requires a change an ECP shall be prepared. The USG must be notified and give authorization prior to preparing an ECP for new or modified STTE. The contractor shall follow the order of precedence below when considering new or modified

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STTE:

- a. Use of equipment available to Stryker units or Stryker support units.
- b. The use of a federal supply item by adding it to the Stryker RPSTL as a special item.
- c. The development of a new support item.

C.8.9.1. The contractor shall maintain and furnish to the Government, special tool records and documentation updates, if changes occur due to ECP program. (CDRL L010). The contractor shall ensure that any new software/hardware is Department of Defense Information Assurance Certification compliant.

C.8.9.2. BII & STTE Drawings. Contractor shall update any changes to current BII Drawings (L010). The contractor shall use the current Stryker FOV BII drawings GFE.

C.8.10. Packaging Data Development: The Contractor shall develop and provide packaging data (CDRL L011) for new or modified ECP items with a Source, Maintenance & Recoverability (SMR) code of P (procure) excluding PR (procure terminal obsolete, replaced) and PZ (procure terminal obsolete, not replaced) to provide for life cycle support and safe distribution of repairable items. Packaging data development priority shall be given to repairable items, Line Replaceable Units, and any large, high cost item classified as a Special Group Item. All items shall be classified as a selective group item or special group item. Contractor shall provide facilities, equipment, materials, and access to the provisioned items for packaging development. The contractor shall complete verification and provide support data with each data submittal. Validation support data shall include item drawings and copies of any applicable Material Safety Data Sheets for Hazardous Material items. Items with assigned Contractor and Government Entity (CAGE) Codes of: 1T416, 21450, 80204, 96906, 10060, 24617, 80205, 99237, 80244, 81343, 81346, 81348, 81349, 81352, 88044, and 05047 are excluded from packaging data development.

C.8.10.1. The contractor shall generate and provide LMI packaging data in accordance with CDRL L011 to ensure compatibility with the Governments data repository. The contractor shall develop, maintain and update packaging data.

C.8.10.2. The Contractor shall develop Special Packaging Instructions (SPI) for each item classified as a Special group item. Figures and narrative data shall be developed to describe the form, fit, and function of packaging in sufficient detail for production. SPI format shall be IAW CDRL L012.

C.8.10.3. Validation Testing of Packaging. Validation testing of Special group items shall be in accordance with CDRL L012. Each SPI submitted shall have a validation report including photographs. Photographs shall show the product is undamaged. Validation report shall be submitted concurrently with SPI submittal.

C.8.10.4. Equipment Preservation Data Sheets (EPDS). Contractor shall update the current Equipment Preservation Data Sheets (EPDS) for each ECP vehicle variant IAW CDRL L018.

C.8.11. Reusable Container Assessment. The contractor shall perform assessments to determine if existing container designs are suitable. The contractor shall assess the fit and function of existing containers and compare costs of modifications with the cost of new designs. Assessment data shall include analysis of the need for a new or modified LLRC. Assessment data shall compare costs for conventional packaging and LLRC packaging.

C.8.11.1. Reusable Containers for ECP Unique items. Container Design Retrieval System (CDRS) is a management system program to provide a DoD centralized automated database system for storing, retrieving, and analyzing existing container designs and test information concerning specialized containers. The contractor shall use this system when making search requests for DoD Long Life Reusable Container (LLRC) designs.

C.8.11.2. Reusable Container Searches. The contractor shall identify ECP unique engine, transmission and other major repairable items, including Line Replaceable Units (LRUs), and items requiring special handling or condemnation procedures as possible LLRC candidates. The contractor shall make a CDRS search request for any item that TACOM LCMC approves as a LLRC candidate. The contractor shall search for new or existing commercially available reusable container designs that are suitable for LLRC candidates. Format of CDRS search request shall be IAW CDRL L013.

C.8.11.3. Reusable Container Proposal. The contractor shall propose reusable container development for TACOM LCMC LLRC candidates. Each proposal shall include assessment data, cost of development, design, LLRC prototype manufacture, validation, and completion of the technical data package for competitive procurement (Attachment 0024). Container proposals, testing/validation, and TDP development shall be IAW CDRL L014.

C.8.11.4. Development. Upon approval of a LLRC design proposal or container modification proposal, the contractor shall build a prototype.

Training and Training Support.

C.8.12. Training Products. The contractor shall develop all training products IAW Tradoc Regulation 350-70 using the existing Contractor System. The contractor shall provide the following training products for Operator and Maintenance Training. The training products will consist of Course outlines, draft Program of Instruction (POI), Lesson Plans and Student Evaluation Guides. CDRL L015.

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C.8.12.1. Instructor and Key Personnel Training (I&KPT). The contractor shall conduct four operator and four maintainer training classes using training materials developed under this contract, at four CONUS locations (2 EA JBLM, 1 EA Ft. Benning, 1 EA Ft. Lee). The purpose of the classes is to teach instructors and key personnel on ECP training material updates, and verify the content of OPNET and FLMNET ECP training materials. The contractor shall provide to the government class rosters, student evaluations and After Action Report. (CDRL L016) Class size and durations as follows:

I&KPT Training - 4 students / Each class NTE 80 hours

C.8.12.2. Training shall consist of proper operating procedures, equipment and familiarization, safety precautions, operator and maintainer Preventative Maintenance Checks and Services (PMCS) maintenance tasks IAW the appropriate Vehicle Technical Manual. All necessary materials and equipment required to support training of the Stryker ECP variants shall be provided by the contractor. Draft manuals shall be used for training purposes until manuals have been authenticated.

C.8.12.3. Instructor Requirements/Qualifications. The contractor shall provide instructors for each training course. Instructors shall be present to instruct, and to ensure adequate supervision of student performance during practical exercises. The instructors shall be ARMY BASIC INSTRUCTOR COURSE (ABIC) certified.

C.8.12.4. Course Material Development. Training materials shall be developed in accordance with TRADOC Regulation 350-70, Systems Approach to Training Management (SATM), Processes, and Products.

C.8.12.5. The contractor shall conduct a Training Task Analysis on new and updated Military Occupation Specialty tasks added to the Program of Instruction (POI), in conjunction with the TRADOC Proponent Schools to ensure all tasks are complete, correct, and allocated the proper amount of time, as set forth in the POI. (CDRL L017)

C.8.13. Contractor shall provide access to technical data (to include drawings, 3D CAD modeling and description of functionality) to the government to support ECP changes to the Stryker Training Aids Device Simulations and Simulators (TADSS).

C.8.14. Maintenance of ECP Logistics Vehicles. The contractor shall conduct maintenance of ECP logistics vehicles located at the Shelby facility in accordance with AR 750-1, Army Materiel maintenance Policy. The contractor shall perform periodic schedule maintenance and unscheduled vehicle maintenance of all facility vehicles, in accordance with the applicable technical manual for the vehicle. The contractor shall document the condition and configuration status of all facility vehicles and provide documentation access to the COR upon request. The ECP vehicle(s) shall be maintained in ECP configuration unless directed other by USG.

C.8.14.1. Maintenance of ECP Prototype/Demo Vehicles. The contractor shall conduct maintenance of ECP vehicles in accordance with AR 750-1, Army Materiel maintenance Policy. The contractor shall perform periodic schedule maintenance and unscheduled vehicle maintenance of all facility vehicles, in accordance with the applicable technical manual for the vehicle. The contractor shall document the condition and configuration status of all facility vehicles and provide documentation access to the COR upon request. The ECP vehicle(s) shall be maintained in ECP configuration unless directed other by USG.

C.8.15. ITEM UNIQUE IDENTIFICATION (IUID) MARKING: The contractor shall adhere to IUID standards per DFARS Clause 252.211-7003 for ECP. The contractor shall identify IUID candidates at quarterly LMI Reviews for USG approval. After approval, The contractor shall implement specific IUID markings, IAW MIL-STD-130. The contractor shall incorporate the IUID marking into the existing data plates. Whenever feasible, the location of the marking on the item shall ensure its readability during normal operational use.

C.8.16. Log Management Information (LMI) Reviews. LMI reviews shall be conducted quarterly at a time that will not conflict with quarterly provisioning conferences. The contractor shall prepare in contractor format a presentation to show the current status of logistics products. These reviews will be used to monitor progress, identify and resolve problems, prioritize activities, and establish schedules for all logistics products. Minutes will be recorded by the contractor to include action items and provided to all attendees NLT three working days after the LMI reviews IAW CDRL L019. All LMI reviews will be held at a mutually agreed upon location and time.

C.9. Contractor Test Support (CTS).

C.9.1. Contractor Technical Testing. The Contractor shall execute tests to sufficiently mitigate technical risks and confirm the readiness of the system to enter Government test.

C.9.2. Contractor Support to USG Testing. The contractor shall support Government testing as defined in Stryker ECP draft TEMP (Attachment 0023). Contractor test support consists of the following: (1) Training for Government test officers, data collectors, operator, crew and maintenance personnel; (2) Providing technical manuals, delta kits, special tools and test equipment, (3) Field Test Engineers (FTE) to support testing of all ECP vehicles at the test sites, and mechanics to support testing of vehicles atCRTC, TRTC, EPG, Contractor Technical Testing and the first scheduled services at YPG and APG. . The FTE and mechanics shall orient, advise and make recommendations to Government personnel with respect to operations, maintenance, repair and parts supply for the equipment furnished under this contract. (4) The contractor shall verbally notify the Government data collector of any known errors or inconsistencies in technical manuals or publications. (5) The contractor shall be required to resolve all GFE integration and vehicle performance issues that result during Contractor supported Government testing. (6) The contractors FTEs shall deprocess all prototypes

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identified in this scope of work. Deprocessing shall consist of the repair of transit damage, integration of over-packed items, integration of mission equipment and deployment kits and repairs to ensure the system is fully mission capable prior to test. The contractor shall meet the operational readiness of Full Mission Capable (FMC) in accordance with the Interactive Electronic Technical Manuals (IETM).

C.9.2.1. Delta Kits. The Contractor shall deliver ECP delta kits to support USG Development and Live Fire Testing. The delta kits and accompanying installation instructions shall be delivered to the test sites 30 days in advance of the arrival of test vehicles at the test sites as defined in the Stryker ECP Draft TEMP. The USG will be responsible for providing the GFM kits.

C.9.3. System Support Package List (SSPL). The contractor shall deliver a System Support Package List (SSPL) to the Government for each major test required by the Stryker ECP Draft TEMP. The SSPL shall be delivered in accordance with CDRL T001 and identify all common and unique SSP requirements. The USG will provide all Stryker FOV common and MEP SSP items required for test.

C.9.3.1. The Contractor shall assemble, furnish and ship (to include packing, packaging, and transportation) the Stryker ECP unique System Support Package (SSP) to each designated test site 30 days prior to the start of test. The SSP shall include all required Contractor support parts and items. Replacement items which are not available in the SSP or were not furnished in sufficient quantities shall be provided by the contractor within 3 working days. The Contractor system support package does not include GFM related SSP support and warehouse functions (stock, store, issue, etc.).

C.9.3.2. The Contractor shall maintain a database containing all Stryker ECP unique 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 T003. 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, and serial numbers of major components as described in CDRL T003.

C.9.4. Office Space. The Government will provide available office space for test support personnel.

C.9.4.1. The Government will provide available storage facilities for Contractor SSP at two test sites, one at the Aberdeen Test Center and the other at Yuma Proving Grounds.

C.9.5. Potential Warranty Coverage. If any part(s) removed from a vehicle during testing is later determined to be covered by a passthrough warranty included in this contract, the contractor shall credit the test support with any cost to repair or replace (whichever is applicable) the warranted asset.

C.9.6. Test Incident Reports (TIRS) and Failure Analysis & Corrective Action Reports (FACARS). During USG testing, the contractor shall be responsible for accessing the test site computer databases, primarily the Versatile Information Systems Integrated Online (VISION) Digital Library System, for all TIR data. The TIR will identify the level of defect as, Critical Defect, Major, Minor, or informational. Upon receipt of a TIR, the contractor shall determine the root cause of the failure and furnish a failure analysis with a proposed corrective action plan (FACARS) in accordance with CDRL T004. Receipt is defined as the day the TIR is posted to the database.

C.9.7. Monthly Performance Report. The contractor shall submit a monthly performance report for all work performed to support Government test in accordance with CDRL T005.

C.9.8. Configuration Management of Prototypes. The contractor shall provide quarterly reports regarding configuration of vehicles in test in accordance with CDRL T002.

C.9.9. Live Fire Testing. The contractor shall support and participate in the Government Live Fire IPTs. The contractor shall provide technical descriptions of components and their functions. The contractor shall provide spare parts sufficient to replace any damaged component during full up system (FUSL) testing to support Government planning and conduct of live fire testing.

C.9.10. Performance Standards. Failure to comply with the Section above will be documented by the COR and recorded in the Contractor Performance Assessment Report (CPAR).

C.10 Stryker FoV - Fabrication of Prototypes.

C.10.1. The contractor shall provide Stryker FoV prototypes that meet the requirements of this SOW and the Stryker FoV performance specifications as referenced in Attachment 0010 classified ANNEX Appendix 4, Survivability/Lethality Requirements Draft Rev B dated 26 April 2012. Efforts addressed in this Section C.10 for prototypes shall be performed for each variant/configuration.

C.10.1.1. Producibility Analyses. The contractor shall conduct producibility engineering analyses during this phase and document the results at the TIMs.

C.10.1.2. Government Plant Facilities /Equipment. The Government will provide, on a non-interference basis, rent-free use of the Lima, Ohio Joint Systems Manufacturing Center (JSMC) and at the Scranton, Pennsylvania facility for ECP Prototype build. Non-interference, as used in this context shall mean that as long as the USG has no need for it, the contractor can use JSMC for ECP Prototype build. The contractor shall provide the following: (1) square footage of the JSMC facility attributable to Stryker production; and (2) labor hours

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of the JSMC facility attributable to Stryker production. The contractor shall seek Contracting Officer approval for any planned increases or decreases equal to or exceeding 10% in: (1) floor usage (i.e. square footage) attributable to Stryker production at the JSMC facility; and/or (2) labor attributable to Stryker production at the JSMC facility.

*** END OF NARRATIVE C0001 ***

<u>Regulatory Cite</u>	<u>Title</u>	<u>Date</u>
C-1 52.204-4003 (TACOM)	START OF WORK MEETING	MAY/2000

The contractor shall host a start of work meeting at its facility, unless some other location is designated in the contract, within 10 days after contract award. The contractor shall at a minimum invite the Contracting Officer's Representative (COR) identified in Section G or in an appointment letter, the Contract Specialist identified on the face page of this document, and the Administrative Contracting Officer (ACO). The COR, Contract Specialist, and ACO shall be given at least 5 days advance notice of the time, date, and location of the start of work meeting. The preferred method of notification is by email.

[End of Clause]

C-2 52.204-4600	CONTRACTOR VERIFICATION SYSTEM (CVS) PROGRAM	APR/2007
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The contractor is responsible for processing applications for Common Access Cards (CAC) for every contractor employee who deploys with the military force, OR who has need to access any government computer network in accordance with FAR 52.204-9, Personal Identity Verification of Contractor Personnel.

The contractor is responsible for managing requests for new or renewal CAC cards in sufficient time to ensure that all contractor employees have them when needed to perform work under this contract. The norm is at least ten calendar days advance notice to the Trusted Agent* (TA), unless there are extenuating circumstances approved by the Contracting Officers Representative (COR) or Contracting Officer. *The COR will be the TA for this contract.

The contractor shall obtain an Army Knowledge Online (AKO) email address for each applicant, including subcontractors, who may be deployed or require logical access to a government computer network. This can be done by going to <http://www.us.army.mil> and register as an Army Guest with the sponsor being the COR. Note: If a contractor employee loses the privilege to access AKO, they lose the ability to renew their CAC. Therefore it is critical that contractor employees maintain their AKO accounts.

It is recommended that a Corporate Facility Security Officer (FSO) be established to serve as your firms single point of contact for CVS. If a FSO is not established, each contractor employee requiring a CAC card will be required to process their own applications.

CAC applications must be processed through the DoDs Contractor Verification System (CVS). The contractors FSO or contractor employee shall submit requests for a CAC via email to the CVS Trusted Agent (TA) at (TA) at dami_cacsbt@us.army.mil before accessing the CVS

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website.

The government will establish a CVS application account for each CAC request and will provide each contractor employee a USER ID and Password via email to the FSO. The FSO or contractor employee shall access the CVS account and complete the CAC application (entering/editing contractor information as applicable) at <https://www.dmdc.osd.mil/appj/cvs/index.jsp>.

The FSO or contractor employee will submit completed applications in CVS, and will follow up to ensure that the TA is processing the request.

The government will inform the contractors applicant via email of one of the following:

- Approved*. Upon approval, the information is transferred to the Defense Enrollment Eligibility Reporting System (DEERS) database and an email notification is sent to the contractor with instructions on obtaining their CAC. The contractor proceeds to a Real-Time Automated Personnel Identification System (RAPIDS) station (<http://www.dmdc.osd.mil/rsl/owa/home> provides RAPIDS locations).
- Rejected*. Government in separate correspondence will provide reason(s) for rejection.
- Returned. Additional information or correction to the application required by the contractor employee.

*The contractor will maintain records of all approved and rejected applications.

At the RAPIDS station, the RAPIDS Verification Officer will verify the contractor by SSN, and two forms of identification, one of which must be a picture ID. The Verification Officer will capture primary and alternate fingerprints and picture, and updates to DEERS and will then issue a CAC.

Issued CACs shall be for a period of performance not longer than three (3) years or the individuals contract end date (inclusive of any options) whichever is earlier.

The contractor shall return issued CACs to the DEERS office upon return from deployment, departure or dismissal of each contractor employee. A receipt for each card must be obtained and provided to the TA/COR.

A CAC cannot be issued without evidence that a National Agency Check with Written Inquires (NACI) has at least been initiated by the FSO. CVS will be linked to the Joint Personnel Adjudication System (JPAS) in the near future. The TA will have to verify via JPAS that the NACI has been initiated by the FSO before he/she can approve a contractor request for a CAC.

Details and training on CVS are available on AKO at <https://www.us.army.mil/suite/portal/index.jsp> or by contacting the CAC helpdesk at iacapki.helpdesk@us.army.mil or 866-738-3222.

(End of Statement of Work)

C-3	52.209-4023	OPSEC TRAINING REQUIREMENT	JUN/2012
	(TACOM)		

Per AR 530-1, Operations Security, new contractor employees must complete Level I OPSEC training within 30 calendar days of reporting for duty. All contractor employees must complete annual OPSEC awareness training.

(End of Clause)

C-4	52.237-4000	CONTRACTOR MANPOWER REPORTING (CMR)	FEB/2013
	(TACOM)		

The Office of the Assistant Secretary of the Army (Manpower & Reserve Affairs) operates and maintains a secure Army data collection site where the contractor will report ALL contractor labor hours (including subcontractor labor hours) required for performance of services provided under this contract via secure data collection site. The contractor is required to completely fill in all required data fields in the format using the following web address: <https://cmra.army.mil> . The required information includes the following:

- (1) Contracting Office, Contracting Officer, Contracting Officer's Technical Representative;
- (2) Contract number, including task and delivery order number;

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- (3) Beginning and ending dates covered by reporting period;
- (4) Contractor name, address, phone number, e-mail address, identity of contractor employee entering data;
- (5) Direct labor hours (including sub-contractors);
- (6) Direct labor dollars paid this reporting period (including sub-contractors);
- (7) Total payments (including sub-contractors);
- (8) Predominant Federal Service Code (FSC) reflecting services provided by contractor (and separate predominant FSC for each sub-contractor if different);
- (9) Data collection cost;
- (10) Organizational title associated with the Unit Identification Code (UIC) for the Army Requiring Activity (the Army Requiring Activity is responsible for providing the contractor with its UIC for the purposes of reporting this information);
- (11) Locations where contractor and sub-contractors perform the work (specified by zip code in the United States and nearest city, country, when in an overseas location, using standardized nomenclature provided on website);
- (12) Presence of deployment or contingency contract language; and
- (13) Number of contractor and sub-contractor employees deployed in theater this reporting period (by country).

Reporting inputs will be for the labor executed during the period of performance during each Government fiscal year (FY), which runs October 1 through September 30. While inputs may be reported any time during the FY, all data shall be reported no later than October 31 of each calendar year, beginning with 2013. Contractors may direct questions to the help desk at : <https://cmra.army.mil>.

End of Clause]

C-5

52.239-4003

SECTION 508 CONFORMANCE

APR/2010

Under Section 508 of the Rehabilitation Act of 1973 (29 U.S.C. 794d), federal agencies must give disabled employees and members of the public access to electronic information that is comparable to the access available to others. Section 508 requires that federal agencies' electronic and information technology (EIT) be accessible to people with disabilities. All EIT products and services purchased under this contract must conform to the Section 508 law by meeting all applicable accessibility standards.

The applicable accessibility standards are indicated in the Statement of Work and/or CLINs. See below for the list of accessibility standards. Only the standards referenced in the Statement of Work and/or CLINs apply to this contract.

Section 508 Accessibility Standards

1194.21 Software applications and operating systems.

- (a) When software is designed to run on a system that has a keyboard, product functions shall be executable from a keyboard where the function itself or the result of performing a function can be discerned textually.
- (b) Applications shall not disrupt or disable activated features of other products that are identified as accessibility features, where those features are developed and documented according to industry standards. Applications also shall not disrupt or disable activated features of any operating system that are identified as accessibility features where the application programming interface for those accessibility features has been documented by the manufacturer of the operating system and is available to the product developer.
- (c) A well-defined on-screen indication of the current focus shall be provided that moves among interactive interface elements as the input focus changes. The focus shall be programmatically exposed so that assistive technology can track focus and focus changes.
- (d) Sufficient information about a user interface element including the identity, operation and state of the element shall be available to assistive technology. When an image represents a program element, the information conveyed by the image must also be available in text.
- (e) When bitmap images are used to identify controls, status indicators, or other programmatic elements, the meaning assigned to those images shall be consistent throughout an application's performance.
- (f) Textual information shall be provided through operating system functions for displaying text. The minimum information that shall be made available is text content, text input caret location, and text attributes.
- (g) Applications shall not override user selected contrast and color selections and other individual display attributes.
- (h) When animation is displayed, the information shall be displayable in at least one non-animated presentation mode at the option of the user.
- (i) Color coding shall not be used as the only means of conveying information, indicating an action, prompting a response, or distinguishing a visual element.

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(j) When a product permits a user to adjust color and contrast settings, a variety of color selections capable of producing a range of contrast levels shall be provided.

(k) Software shall not use flashing or blinking text, objects, or other elements having a flash or blink frequency greater than 2 Hz and lower than 55 Hz.

(l) When electronic forms are used, the form shall allow people using assistive technology to access the information, field elements, and functionality required for completion and submission of the form, including all directions and cues.

1194.22 Web-based intranet and internet information and applications.

(a) A text equivalent for every non-text element shall be provided (e.g., via "alt", "longdesc", or in element content).

(b) Equivalent alternatives for any multimedia presentation shall be synchronized with the presentation.

(c) Web pages shall be designed so that all information conveyed with color is also available without color, for example from context or markup.

(d) Documents shall be organized so they are readable without requiring an associated style sheet.

(e) Redundant text links shall be provided for each active region of a server-side image map.

(f) Client-side image maps shall be provided instead of server-side image maps except where the regions cannot be defined with an available geometric shape.

(g) Row and column headers shall be identified for data tables.

(h) Markup shall be used to associate data cells and header cells for data tables that have two or more logical levels of row or column headers.

(i) Frames shall be titled with text that facilitates frame identification and navigation.

(j) Pages shall be designed to avoid causing the screen to flicker with a frequency greater than 2 Hz and lower than 55 Hz.

(k) A text-only page, with equivalent information or functionality, shall be provided to make a web site comply with the provisions of this part, when compliance cannot be accomplished in any other way. The content of the text-only page shall be updated whenever the primary page changes.

(l) When pages utilize scripting languages to display content, or to create interface elements, the information provided by the script shall be identified with functional text that can be read by assistive technology.

(m) When a web page requires that an applet, plug-in or other application be present on the client system to interpret page content, the page must provide a link to a plug-in or applet that complies with 1194.21(a) through (l).

(n) When electronic forms are designed to be completed on-line, the form shall allow people using assistive technology to access the information, field elements, and functionality required for completion and submission of the form, including all directions and cues.

(o) A method shall be provided that permits users to skip repetitive navigation links.

(p) When a timed response is required, the user shall be alerted and given sufficient time to indicate more time is required.

1194.23 Telecommunications products.

(a) Telecommunications products or systems which provide a function allowing voice communication and which do not themselves provide a TTY functionality shall provide a standard non-acoustic connection point for TTYs. Microphones shall be capable of being turned on and off to allow the user to intermix speech with TTY use.

(b) Telecommunications products which include voice communication functionality shall support all commonly used cross-manufacturer non-proprietary standard TTY signal protocols.

(c) Voice mail, auto-attendant, and interactive voice response telecommunications systems shall be usable by TTY users with their TTYs.

(d) Voice mail, messaging, auto-attendant, and interactive voice response telecommunications systems that require a response from a user within a time interval, shall give an alert when the time interval is about to run out, and shall provide sufficient time for the user to indicate more time is required.

(e) Where provided, caller identification and similar telecommunications functions shall also be available for users of TTYs, and for users who cannot see displays.

(f) For transmitted voice signals, telecommunications products shall provide a gain adjustable up to a minimum of 20 dB. For incremental volume control, at least one intermediate step of 12 dB of gain shall be provided.

(g) If the telecommunications product allows a user to adjust the receive volume, a function shall be provided to automatically reset the volume to the default level after every use.

(h) Where a telecommunications product delivers output by an audio transducer which is normally held up to the ear, a means for effective magnetic wireless coupling to hearing technologies shall be provided.

(i) Interference to hearing technologies (including hearing aids, cochlear implants, and assistive listening devices) shall be reduced to the lowest possible level that allows a user of hearing technologies to utilize the telecommunications product.

(j) Products that transmit or conduct information or communication, shall pass through cross-manufacturer, non-proprietary, industry-standard codes, translation protocols, formats or other information necessary to provide the information or communication in a usable format. Technologies which use encoding, signal compression, format transformation, or similar techniques shall not remove information needed for access or shall restore it upon delivery.

(k) Products which have mechanically operated controls or keys, shall comply with the following:

(1) Controls and keys shall be tactilely discernible without activating the controls or keys.

(2) Controls and keys shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate controls and keys shall be 5 lbs. (22.2 N) maximum.

(3) If key repeat is supported, the delay before repeat shall be adjustable to at least 2 seconds. Key repeat rate shall be adjustable to 2 seconds per character.

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(4) The status of all locking or toggle controls or keys shall be visually discernible, and discernible either through touch or sound.

1194.24 Video and multimedia products.

(a) All analog television displays 13 inches and larger, and computer equipment that includes analog television receiver or display circuitry, shall be equipped with caption decoder circuitry which appropriately receives, decodes, and displays closed captions from broadcast, cable, videotape, and DVD signals. As soon as practicable, but not later than July 1, 2002, widescreen digital television (DTV) displays measuring at least 7.8 inches vertically, DTV sets with conventional displays measuring at least 13 inches vertically, and stand-alone DTV tuners, whether or not they are marketed with display screens, and computer equipment that includes DTV receiver or display circuitry, shall be equipped with caption decoder circuitry which appropriately receives, decodes, and displays closed captions from broadcast, cable, videotape, and DVD signals.

(b) Television tuners, including tuner cards for use in computers, shall be equipped with secondary audio program playback circuitry.

(c) All training and informational video and multimedia productions which support the agency's mission, regardless of format, that contain speech or other audio information necessary for the comprehension of the content, shall be open or closed captioned.

(d) All training and informational video and multimedia productions which support the agency's mission, regardless of format, that contain visual information necessary for the comprehension of the content, shall be audio described.

(e) Display or presentation of alternate text presentation or audio descriptions shall be user-selectable unless permanent.

1194.25 Self contained, closed products.

(a) Self contained products shall be usable by people with disabilities without requiring an end-user to attach assistive technology to the product. Personal headsets for private listening are not assistive technology.

(b) When a timed response is required, the user shall be alerted and given sufficient time to indicate more time is required.

(c) Where a product utilizes touch screens or contact-sensitive controls, an input method shall be provided that complies with 1194.23 (k) (1) through (4).

(d) When biometric forms of user identification or control are used, an alternative form of identification or activation, which does not require the user to possess particular biological characteristics, shall also be provided.

(e) When products provide auditory output, the audio signal shall be provided at a standard signal level through an industry standard connector that will allow for private listening. The product must provide the ability to interrupt, pause, and restart the audio at anytime.

(f) When products deliver voice output in a public area, incremental volume control shall be provided with output amplification up to a level of at least 65 dB. Where the ambient noise level of the environment is above 45 dB, a volume gain of at least 20 dB above the ambient level shall be user selectable. A function shall be provided to automatically reset the volume to the default level after every use.

(g) Color coding shall not be used as the only means of conveying information, indicating an action, prompting a response, or distinguishing a visual element.

(h) When a product permits a user to adjust color and contrast settings, a range of color selections capable of producing a variety of contrast levels shall be provided.

(i) Products shall be designed to avoid causing the screen to flicker with a frequency greater than 2 Hz and lower than 55 Hz.

(j) Products which are freestanding, non-portable, and intended to be used in one location and which have operable controls shall comply with the following:

(1) The position of any operable control shall be determined with respect to a vertical plane, which is 48 inches in length, centered on the operable control, and at the maximum protrusion of the product within the 48 inch length.

(2) Where any operable control is 10 inches or less behind the reference plane, the height shall be 54 inches maximum and 15 inches minimum above the floor.

(3) Where any operable control is more than 10 inches and not more than 24 inches behind the reference plane, the height shall be 46 inches maximum and 15 inches minimum above the floor.

(4) Operable controls shall not be more than 24 inches behind the reference plane.

1194.26 Desktop and portable computers.

(a) All mechanically operated controls and keys shall comply with 1194.23 (k) (1) through (4).

(b) If a product utilizes touch screens or touch-operated controls, an input method shall be provided that complies with 1194.23 (k) (1) through (4).

(c) When biometric forms of user identification or control are used, an alternative form of identification or activation, which does not require the user to possess particular biological characteristics, shall also be provided.

(d) Where provided, at least one of each type of expansion slots, ports and connectors shall comply with publicly available industry standards.

1194.31 Functional performance criteria.

(a) At least one mode of operation and information retrieval that does not require user vision shall be provided, or support for assistive technology used by people who are blind or visually impaired shall be provided.

(b) At least one mode of operation and information retrieval that does not require visual acuity greater than 20/70 shall be provided in audio and enlarged print output working together or independently, or support for assistive technology used by people who are visually

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impaired shall be provided.

(c) At least one mode of operation and information retrieval that does not require user hearing shall be provided, or support for assistive technology used by people who are deaf or hard of hearing shall be provided.

(d) Where audio information is important for the use of a product, at least one mode of operation and information retrieval shall be provided in an enhanced auditory fashion, or support for assistive hearing devices shall be provided.

(e) At least one mode of operation and information retrieval that does not require user speech shall be provided, or support for assistive technology used by people with disabilities shall be provided.

(f) At least one mode of operation and information retrieval that does not require fine motor control or simultaneous actions and that is operable with limited reach and strength shall be provided.

1194.41 Information, documentation, and support.

(a) Product support documentation provided to end-users shall be made available in alternate formats upon request, at no additional charge.

(b) End-users shall have access to a description of the accessibility and compatibility features of products in alternate formats or alternate methods upon request, at no additional charge.

(c) Support services for products shall accommodate the communication needs of end-users with disabilities.

(End of Clause)

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SECTION D - PACKAGING AND MARKING

D.1.1 Software, technical data, reports, etc. shall be preserved and packed sufficient to ensure safe delivery to the point of delivery.

D.1.2 The contractor shall preserve, mark, and package all repairable items in accordance with the Government approved packaging developed in accordance with C.8.11, Packaging data Development, of this contract. In the event, packaging has not been developed, the contractor shall package and preserve the item(s) in accordance with MIL STD-2073-1D.

D.1.2.1 All consumable items, Training Aids, System Support Packages (SSP) and Special Tools scheduled for shipment shall be preserved and packaged by the Contractor to provide physical and mechanical protection, provide multiple handling, shipment by any mode, placed into storage for a period of one (1) year in an enclosed environmentally controlled facility and suitable for redistribution without additional repackaging, except as otherwise provided in this contract.

D.1.3 Each Stryker vehicle shall be processed to Level B drive-on and drive-off requirements in accordance with the Government approved Equipment Preservation Data Sheets (EPDS) in accordance with MIL-STD-3003 prior to shipment and possible storage for a period up to 90 days in outdoor environment. Fuel tanks shall be one-half (1/2) filled with operational fuel and applicable biocide or JP8 fuel. All batteries shall be fully charged. All vehicles and mechanical equipment containing internal combustion engines or wet batteries are subject to requirements of Code of Federal Regulation Title 49 (for truck and rail transport), International Maritime Dangerous Goods Code (for vessel transport) and the Joint Service Regulation AFMAN24-204/TM38-250 (for military air). All preventive maintenance shall be performed prior to Government acceptance. All components removed from the vehicle for reduction of cube including accessories shall be preserved, packaged, packed and marked to ensure safe delivery within the vehicle and minimize pilferage, corrosion and deterioration during shipment to receiving activity including temporary outdoor storage for up to 90 days.

D.1.4 Wood material utilized in the shipment and storage of all reparable items and Stryker FOV must comply with requirements outlined within this paragraph. Boxes, pallets and inner packaging that are fabricated using non-manufactured wood shall be heat-treated for all military and commercial packaging application. All non-manufactured wood used in packaging shall be heat-treated to a core temperature of 56 degrees Celsius for a minimum of 30 minutes. The manufacturers of boxes, pallets and wood members used as inner packaging shall be affiliated with an inspection agency accredited by the board of review of the American Lumber Standard Committee (ALSC). The manufacturer of boxes and pallets and the manufacturer of wood used as inner packaging shall ensure tractability to the original source of heat treatment. Each box and pallet shall be marked to show conformance to the International Plant Protection Convention Standard (IPPCS).

The quality mark shall be placed on both ends of the outer packaging, between the end cleats or end battens on two sides of the pallet or box. Foreign manufacturers shall have the heat treatment of non-manufactured wood products verified in accordance with their National Plant Protection Organizations compliance program.

D.1.5 For each hazardous material item shipped under this contract, a copy of the Material Safety Data Sheet (MSDS) shall be placed into a sealed pouch and attached to the outside surface area of the Unit Container and Intermediate Container containing the prescribed hazardous material item. The contractor shall comply with the applicable codes and standards listed here: (1) Code of Federal Regulation Titles 29, 40, and 49, (2) International Maritime Dangerous Goods Code, for vessel transport, and (3) AFMAN 24-204, Preparing Hazardous Materials for Military Air Shipments.

D.2 MARKING

D.2.1 All vehicles shall be marked and labeled IAW Defense Transportation Regulations (DTR) and MIL-STD-129 Revision P19 September 2007, as amended. Additionally, each shipped vehicle shall have the following placarded on the vehicle:

THIS VEHICLE SHOULD NOT BE DECK LOADED. THIS VEHICLE IS NOT PRESERVED OR APPROVED FOR DECK LOADING.

L = _____ FT. W = _____ FT. H = _____ FT.
 GROSS WEIGHT = _____ LBS. CUBE = _____ CU. FT.

CONTRACTORS NAME
 CONTRACTORS ADDRESS
 CITY, PROVINCE, COUNTRY, ZIP CODE

D.2.2 All consolidation containers shall be marked in accordance with Contractors standard practice.

D.2.3.3 All software, technical data, reports, etc. referenced in Paragraph D.1.1 shall be identified by the prime contract number, name and address of the prime contractor, and where applicable, the name and address of the subcontractor generating the data.

D.2.4 All other material shipped into the military distribution system shall be marked in accordance with MIL-STD-129 Revision P, as amended, including bar coding. Contractor is responsible for application of special markings including but are not limited to Shelf-life, structural and special handling markings.

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D.2.4.1 Contractors and vendors shall apply identification and address markings with bar codes in accordance with MIL-STD-129 Revision P, as amended. For shipments moving to overseas locations and for mobile deployable units, the in-the-clear address must also include the host country geographic address and the APO/FPO address.

A Military Shipment Label (MSL) is required for all shipments except contractor to contractor. The MSL will include both linear and 2D bar codes per the standard. Direct Vendor Delivery (DVD) shipment documentation must also be marked with additional bar codes. The DD Form 250 or the commercial packing list shall have additional issue/receipt bar coding applied as per DVD Shipments in the standard (except for deliveries to DLA Distribution Depots, e.g. New Cumberland, San Joaquin, Red River, Anniston). Packing lists are required in accordance with MIL-STD-129 Revision P, Paragraph 5.3.

D.2.4.2 Commercial software may be used to generate a Military Shipment Label / Issue Receipt Document (MSL/IRRD) including the required Code 39 and 2D (PDF417) bar codes. However, the commercial software must produce labels/documents which comply with the requirements of MIL-STD-129 Revision P. Contractors shall insure that the "ship to" and "mark for" in-the-clear delivery address is complete including: consignees name, organization, department name, office, building, room, street address, city, state, country code, and DODAAC. (Army developed software, for creating MSL/IRRD previously available to those with government contracts is no longer supported.)

D.3 LOADING, BLOCKING, AND BRACING

D.3.1 Damage that occurs to any vehicle during loading shall be repaired and replaced by the Contractor at no additional cost to the Government. Contractor shall be liable for payment of any damage to a unit caused by the failure to load, block, and brace in accordance with the acceptable standards set forth herein.

D.3.2 Shipments of vehicle by rail shall be blocked and braced in accordance with the Association of American Railroads by the Contractor. Shipments, for which the Association of American Railroads has published no such standards, shall be blocked and braced IAW standard established by the shipper as evidenced by written acceptance of an authorized representative of the carrier.

D.3.3 For truck transportability, the Contractor shall load, block, and brace the vehicle onto a designated carrier in accordance with standard commercial freight (truck) practice.

*** END OF NARRATIVE D0001 ***

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SECTION E - INSPECTION AND ACCEPTANCE

SECTION E.1 -INSPECTION AND ACCEPTANCE

E.1.1 FINAL INSPECTION RECORD (FIR)

(a) The Contractor shall develop, maintain, and implement a FIR for each vehicle delivered under this contract in accordance with CDRL E001. The PM-SBCT Product Assurance Office will validate and approve all FIRs and FIR revisions. The contractor shall control FIRs by revision and date, and maintain a FIR revision matrix that will be available to the Government. The Contractor shall notify the Government prior to making any procedural changes to the FIRs. The Government reserves the right to require revalidation of any FIR changed/modified by the Contractor. If revalidation is required, it shall be coordinated such that no hardware is offered for acceptance until the change has been incorporated and validated by the Government. A completed copy of the FIR shall be submitted to the Government for each vehicle offered for acceptance. Any electronic FIR system used by the contractor shall incorporate all requirements of this paragraph, and shall be fully accessible by all Government personnel requiring its use.

(b) Deficiencies disclosed during inspection by the contractor shall be described in writing and included as part of the FIR.

(c) If the contractor determines that the FIR is not appropriate for final inspection of the end item, for any reason, he must obtain authorization from the PM-SBCT Product Assurance Office prior to employing any other form for this purpose.

E.1.2 PROTOTYPE DOCUMENTATION CONTROL. The contractors control of documents and records shall be in accordance with documented procedures (ISO 9001 quality system). The procedures must assure that any issues or problems found with the technical data used to produce the prototype vehicles are captured, and the technical data is revised as necessary. The system must assure that all red-line drawing changes are used for drawing revisions. The system must include a feed-back mechanism to assure that test issues (e.g. interferences, upgrades, changes, corrections, weld modifications) are used to revise technical data for subsequent production.

E.1.3. USE OF GOVERNMENT PROPERTY / MATERIAL.

When the Government provides material, the Contractor shall perform and the Contractor's quality procedures shall include the following:

- a. Examination upon receipt to detect damage in transit.
- b. Inspection for completeness and proper type.
- c. Periodic inspection and precautions to assure adequate storage conditions and to guard against damage from handling and deterioration during storage.
- d. Functional testing, prior to or after installation, to determine satisfactory operation; as it relates to Stryker integration.
- e. Identification and protection from improper use or disposition.
- f. Verification of quantity.

The Contractor shall report, using a Product Quality Deficiency Report (SF 368), submitted through the Product Data Reporting and Evaluation Program (PDREP) system, Government furnished property found damaged, malfunctioning or otherwise unsuitable for use.

E.1.4 INSPECTION & TEST EQUIPMENT. The Contractor is responsible for the supply and maintenance of all inspection and test equipment necessary to determine if the end item vehicle meets the contract requirements. All Contractor inspection equipment shall be available for use on or before the start of production. The Contractor shall make inspection equipment available to Government Inspectors during Government in-process or end item inspection.

E.1.5 PRODUCT ACCEPTANCE. The Contractor shall implement and maintain a product acceptance system. The system will evaluate production Hardware/Software (HW/SW) compliance with the Final Inspection Record (FIR). The FIR shall be completed by the contractor prior to offering any product to the Government for acceptance. The Contractor shall meet all production HW/SW (including purchased products) requirements including, the STRYKER FOV performance specifications and the applicable lower level performance specifications.

E.1.6 FINAL ACCEPTANCE. The Contractor shall perform final inspection of each end item vehicle in accordance with contract requirements utilizing the Government approved FIR. Defects disclosed during inspection by the Contractor or the Government shall be described in writing on a Defect Sheet attached to the FIR.

E.1.7 INSPECTION RECORDS. Inspection records of all inspections, examinations and tests (in-process or end item) performed by the Contractor shall be kept complete and available for a period of four years following completion of this contract.

E.2 WELDING

E.2.1 WELDING DESIGN. All weldments provided by the Contractor shall meet the design and fabrication requirements in the appropriate American Welding Society procedures or approved equivalent for materials other than armor. The design of ballistic structures shall be IAW the Contractor based specifications that have been deemed acceptable for use on the Stryker vehicles by the procuring organization.

E.2.2 WELDING PROCEDURES. The Contractor shall develop welding procedures IAW American Welding Society (AWS) or equivalent weld code requirements equivalent for structural steel other than armor. Repair welding of post DD 250 vehicles of defective parts shall require Government approval of the written repair procedures. Welding procedures for ballistic structures shall be IAW the applicable Ground

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Combat Vehicle Welding Code Steel or contractors developed procedures which have been deemed as acceptable for use by the Government, such as the D-17000 Rev. M.

E.2.3 ALTERNATE WELDING STANDARDS. The Contractor may utilize alternate standards or codes once they or their suppliers have demonstrated that equivalent or better quality and performance can be obtained by their use. It is the Contractors responsibility to demonstrate such equivalence. If the Contractors component supplier will not release specific proprietary information, the Government reserves the right to conduct an on-site review of the Contractors suppliers quality system and weld processes to verify their capability of producing acceptable welds. The Government reserves the right to approve/disapprove the use of any and all such alternative weld standards, and specifications. The demonstrated equivalent shall be verified prior to fabrication of any production weldment.

E.2.4 WELDER QUALIFICATION. The qualification of welders, welding operators, and tack welders for non-ballistic structures shall be IAW the applicable AWS welding Code or approved equivalent code. The qualification of welders, welding operators, and tack welders for ballistic structures shall be IAW the applicable Ground Combat Vehicle Welding Code. Robotic applications must be validated to insure the process meets the weld procedure qualification requirements of the applicable specifications.

E.2.5 VISUAL WELD INSPECTION. The Contractor shall verify weld quality and workmanship using qualified inspectors trained to perform these inspection functions. Acceptable qualification of the Contractors inspectors shall be based on one of the following:

- 1) Current or previous certification as an AWS Certified Welding Inspector
- 2) Current or previous certification by the Canadian Welding Bureau (CWB)
- 3) Inspection performed by an engineer, technician, or operator who is competent in the use of weld inspection techniques and equipment, on the basis of formal training, experience, or both, in metals fabrication, inspection, and testing.

E.2.6 WELD CONFORMANCE. During prototype development and test, the contractor shall evaluate the adequacy of the welding processes and procedures employed, and the accuracy of vehicle welding with respect to drawings. Hull weld joint designs, configurations, processes and procedures established by successful prototype testing shall become the minimum acceptable for any subsequent production under this contract. Weld joints deviating from those successfully completing prototype testing (whether in location, extent, completeness, size, filler metal, joint fit-up, process, etc.) shall not be acceptable for subsequent vehicles. Any such deviation can only be made acceptable by way of repair which restores the original tested and accepted configuration or unless otherwise approved by the Government.

E.2.7 BALLISTIC ACCEPTANCE TESTING. Ballistic acceptance testing shall be conducted by the USG throughout the contract at the USG's discretion. Deviation from the process detailed below will be allowed only with prior approval by the USG.

E.2.7.1 INITIAL ACCEPTANCE TESTING(IAT). Initial acceptance testing will be conducted on new armor recipes to determine if armor recipe performance meets or exceeds the vehicle performance specification requirements. Armor recipe acceptance testing will be conducted by the USG at a government-approved test facility.

E.2.7.1.1 New armor recipes are material combinations which have not been through government acceptance testing for a specified threat. Any changes in the raw materials, manufacturing processes or dimensional thickness of an armor component or sub-component are considered new recipes and will be subject to Initial Acceptance Testing (IAT). New armor recipes shall be subjected to ballistic validation (IAT) prior to production.

E.2.7.1.2 FAILURE TO MEET IAT BALLISTIC REQUIREMENTS. If a component or subcomponent does not demonstrate that it satisfies performance requirements when subjected to testing, the government will either declare the component or subcomponent a failure or conduct up-sample testing to determine if the non-conformance is repeatable. Up-sample testing is allowable for up to two complete penetrations (CPs). If any failures are observed during the IAT and up-sampling is deemed appropriate by the USG, then the contractor shall pay for additional materials, all contractor labor associated with material preparation, and government testing. Up-sample testing is the expansion of the existing test effort by the acquisition of additional material components and/or subcomponents and subjecting the materials to the same test procedure in an effort to verify that the material will still conform to the performance specification.

E.2.7.2 BALLISTIC QUALIFICATION OF WELD JOINTS. Reserve

E.2.7.3 Testing shall be conducted in accordance with "ITOP 2-2-713: Ballistic Testing of Armor." (Attachment 0019).

E.2.7.3.1 For newly developed armor recipes that are Stryker ECP unique, the contractor shall provide armor samples to support a ballistic qualification test. A Government approved test plan shall be used during the qualification tests, and 0 complete penetrations (failures) shall be allowed out of 22 threat impacts. If a complete penetration(s) occurs, limited up-sampling (up to two complete penetrations) shall be allowed, but not to exceed 52 valid impacts on a specific armor recipe.

*** END OF NARRATIVE E0001 ***

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	<u>Regulatory Cite</u>	<u>Title</u>	<u>Date</u>
E-1	52.246-3	INSPECTION OF SUPPLIES--COST-REIMBURSEMENT	MAY/2001
E-2	52.246-5	INSPECTION OF SERVICES--COST-REIMBURSEMENT	APR/1984
E-3	52.246-16	RESPONSIBILITY FOR SUPPLIES	APR/1984
E-4	52.246-4025 (TACOM)	HIGHER-LEVEL CONTRACT QUALITY REQUIREMENT--TACOM QUALITY SYSTEM REQUIREMENT	JAN/2009

(a) As the contractor, you shall implement and maintain a quality system that ensures the functional and physical conformity of all products or services you furnish under this contract. Your quality system shall achieve (i) defect prevention and (ii) process control, providing adequate quality controls throughout all areas of contract performance.

(b) Your quality system under this contract shall be in accordance with the quality system indicated by an X below:

- [] ISO 9001:2008 (tailored: delete paragraph 7.3) or comparable quality system
- [X] ISO 9001:2008 (untailored) or comparable quality system
- [] ISO 9001:2008 (tailored: delete paragraphs -1-) or comparable quality system

If you intend to use a system comparable to ISO 9001:2008, please identify your quality system below. You may use an in-house quality system, or one based on a commercial, military, national, or international system.

In addition to identifying your proposed system in the space above, you must attach a description of this system to your offer in response to the solicitation, so that we can assess its suitability. If you receive a contract award, your proposed system will be required by the contract.)

(c) Certification of compliance or registration of the quality system you identify above, by an independent standards organization or auditor does not need to be furnished to us under this contract. However, you may attach a copy of such certification with your offer in response to the solicitation, as proof of system compliance.

(d) At any point during contract performance, we have the right to review your quality system to assess its effectiveness in meeting contractual requirements.

[End of Clause]

E-5	52.246-4028 (TACOM)	INSPECTION AND ACCEPTANCE POINTS: ORIGIN	NOV/2005
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The Government's inspection and acceptance of the supplies offered under this contract/purchase order shall take place at ORIGIN. Offeror must specify below the exact name, address, and CAGE of the facility where supplies to be furnished under this contract/purchase order will be available for inspection/acceptance.

- INSPECTION POINT: GDLS Canada 56191
1991 Oxford St. E. Bldg. 15
London, Ontario Canada N5V 2Z7
- GDLS Anniston Alabama CK002L
7 Frankfort Avenue Bldg. 134
Anniston, Alabama 36201-1212
- GDLS Auburn Washington 3AV85
2701 C. Street SW
Auburn, Washington 98001-742
- GDLS THL Operations OHGX3

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2930 Commonwealth Blvd
Tallahassee, Florida 32303

GDLS Shelby Operations 3JKJ8
14920 23 Mile Road
Shelby Twp., Michigan 48315

GDLS Sterling Heights Complex 7W356
38500 Mound Road
Sterling Heights, MI 48310

ACCEPTANCE POINT: GDLS Canada 56191
1991 Oxford St. E. Bldg. 15
London, Ontario Canada N5V 2Z7

GDLS Anniston Alabama CK002L
7 Frankfort Avenue Bldg. 134
Anniston, Alabama 36201-1212

GDLS Auburn Washington 3AV85
2701 C. Street SW
Auburn, Washington 98001-742

GDLS THL Operations OHGX3
2930 Commonwealth Blvd
Tallahassee, Florida 32303

GDLS Shelby Operations 3JKJ8
14920 23 Mile Road
Shelby Twp., Michigan 48315

GDLS Sterling Heights Complex 7W356
38500 Mound Road
Sterling Heights, MI 48310

E-6 52.246-4048 DRAWINGS FOR INSPECTION
(TACOM)

NOV/2012

When requested, the Contractor shall make available to the Government Inspector, the drawings, specifications and any applicable Engineering Exceptions associated to the drawings, to which the product was manufactured. Upon completion of product inspection and acceptance by the Government Inspector, all drawings, specifications and Engineering Exceptions, will be returned to the Contractor.

If the contractor is not the actual manufacturer of the item being procured (i.e. dealer, distributor, etc.) the contractor shall ensure that subcontractor drawings are available for review to support the Government's inspection requirements.

(End of Clause)

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SECTION F - DELIVERIES OR PERFORMANCE

F.1 Stryker ECP Prototype Test Vehicle Delivery Schedule

The Contractor shall deliver the following 12 Double-V Hull(DVH)Stryker ECP Prototype test vehicles as follows:

<u>Qty</u>	<u>Vehicle Variant</u>	<u>Destination</u>	<u>Delivery</u>
1	ICVV	SHELBY,MI	4th QTR FY 2015
1	ICVV	ABERDEEN,MD	4th QTR FY 2015
1	ICVV	ABERDEEN,MD	4th QTR FY 2015
1	ICVV	ABERDEEN,MD	1st QTR FY 2016
1	CVV	YUMA,AZ	1st QTR FY 2016
1	CVV	ABERDEEN,MD	1st QTR FY 2016
1	MCVV	YUMA,AZ	2nd QTR FY 2016
1	ESVV	YUMA,AZ	2nd QTR FY 2016
1	ESVV	YUMA,AZ	2nd QTR FY 2016
1	ATVV	ABERDEEN,MD	3rd QTR FY 2016
1	FSVV	YUMA,AZ	3rd QTR FY 2016
1	MEVV	ABERDEEN,MD	3rd QTR FY 2016

SHELBY, MI

SHIP TO: DODAAC W91WYZ
UIC W4GG01
PM STRYKER SHELBY
GDLS 14920 23 MILE ROAD
SHELBY TOWNSHIP, MI 48315-1212
GOV. POC: JON WIEDMAN
DESK: 586-832-6715
EMAIL: jon.w.wiedemann.civ@mail.mil
GDLS POC: TROY MAINS
DESK: 586-825-8223
EMAIL: mainst@gdls.com

ABERDEEN, MD

SHIP TO: DODAAC W81C5M
U.S. ARMY ABERDEEN TEST CENTER
BLDG. 456
ATTN: IAV WAREHOUSE,VERNON BRADFORD
COMM: 410-278-3861
ABERDEEN PROVING GROUND, MD 21005-5059

YUMA, AZ

SHIP TO: DODAAC W905MY
RIC W57
U.S. ARMY YUMA PROVING GROUND VEHICLE DELIVERIES & PARTS, BII
TRANSPORTATION OFFICE
BUILDING 2660
YUMA, AZ 85365-9110
POC: BILLY PROFITT
PHONE: 928-920-0392
EMAIL: bill.proffittl@us.army.mil
ALTERNATE POC: OMAR SILVA
TEDT-YPY-G-CAC
DESK PHONE: 928-328-4805
CELL PHONE: 928-920-0692
EMAIL: omar.c.silva.civ@mail.mil

EPG-FORT HUACHUCA, AZ

SHIP TO: DODAAC W61DD3
COMMANDER
ELECTRONIC PROVING GROUND

Name of Offeror or Contractor: GENERAL DYNAMICS LAND SYSTEMS INC.

ATTN: TEDT-EP-SEA
 BUILDING 90201
 90201 BRAINARD ROAD
 FORT HUACHUCA, AZ 85613
 POC: JIM SMITH
 PHONE: 520-538-5188

*** END OF NARRATIVE F0001 ***

The contractor will be notified by the Procuring Contracting Officer when Radio Frequency Identification Tags are required to be used. When required, the USG will supply the tags and the contractor will use the tags in accordance with DFARS 252.211-7006.

*** END OF NARRATIVE F0002 ***

DVH GFE vehicles need to be onsite 120 days prior to hull modifications.

Six months prior to the first vehicle tear down, the contractor shall provide the Government with a list of non ECP required material IAW CDRL L020 and provide updates to that list as necessary up to 30 days prior to first vehicle tear down. Upon receipt of the contractor's list of non ECP required material, the Government will review and provide disposition instructions for the obsolete hardware removed from the DVH GFE vehicles prior to the first vehicle tear down.

*** END OF NARRATIVE F0003 ***

	<u>Regulatory Cite</u>	<u>Title</u>	<u>Date</u>
F-1	52.242-15	STOP-WORK ORDER (AUG 1989) -- ALTERNATE I (APR 1984)	APR/1984
F-2	52.247-29	F.O.B. ORIGIN	FEB/2006
F-3	52.247-55	F.O.B. POINT FOR DELIVERY OF GOVERNMENT-FURNISHED PROPERTY	JUN/2003
F-4	52.247-58	LOADING, BLOCKING, AND BRACING OF FREIGHT CAR SHIPMENTS	APR/1984
F-5	52.247-59	F.O.B. ORIGIN--CARLOAD AND TRUCKLOAD SHIPMENTS	APR/1984
F-6	52.247-65	F.O.B. ORIGIN, PREPAID FREIGHT--SMALL PACKAGE SHIPMENTS	JAN/1991
F-7	252.211-7003	ITEM IDENTIFICATION AND VALUATION	JUN/2011

(a) Definitions. As used in this clause

"Automatic identification device" means a device, such as a reader or interrogator, used to retrieve data encoded on machine-readable media.

"Concatenated unique item identifier" means

(1) For items that are serialized within the enterprise identifier, the linking together of the unique identifier data elements in order of the issuing agency code, enterprise identifier, and unique serial number within the enterprise identifier; or

(2) For items that are serialized within the original part, lot, or batch number, the linking together of the unique identifier data elements in order of the issuing agency code; enterprise identifier; original part, lot, or batch number; and serial number within the original part, lot, or batch number.

"Data qualifier" means a specified character (or string of characters) that immediately precedes a data field that defines the general category or intended use of the data that follows.

"DoD recognized unique identification equivalent" means a unique identification method that is in commercial use and has been recognized by DoD. All DoD recognized unique identification equivalents are listed at http://www.acq.osd.mil/dpap/pdi/uid/iuid_equivalents.html.

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"DoD unique item identification" means a system of marking items delivered to DoD with unique item identifiers that have machine-readable data elements to distinguish an item from all other like and unlike items. For items that are serialized within the enterprise identifier, the unique item identifier shall include the data elements of the enterprise identifier and a unique serial number. For items that are serialized within the part, lot, or batch number within the enterprise identifier, the unique item identifier shall include the data elements of the enterprise identifier; the original part, lot, or batch number; and the serial number.

"Enterprise" means the entity (e.g., a manufacturer or vendor) responsible for assigning unique item identifiers to items.

"Enterprise identifier" means a code that is uniquely assigned to an enterprise by an issuing agency.

"Governments unit acquisition cost" means

(1) For fixed-price type line, subline, or exhibit line items, the unit price identified in the contract at the time of delivery;

(2) For cost-type or undefinitized line, subline, or exhibit line items, the Contractors estimated fully burdened unit cost to the Government at the time of delivery; and

(3) For items produced under a time-and-materials contract, the Contractors estimated fully burdened unit cost to the Government at the time of delivery.

"Issuing agency" means an organization responsible for assigning a globally unique identifier to an enterprise (e.g., Dun & Bradstreet's Data Universal Numbering System (DUNS) Number, GS1 Company Prefix, Allied Committee 135 NATO Commercial and Government Entity (NCAGE)/Commercial and Government Entity (CAGE) Code, or the Coded Representation of the North American Telecommunications Industry Manufacturers, Suppliers, and Related Service Companies (ATIS-0322000) Number), European Health Industry Business Communication Council (EHIBCC) and Health Industry Business Communication Council (HIBCC)), as indicated in the Register of Issuing Agency Codes for ISO/IEC 15459, located at <http://www.nen.nl/web/Normen-ontwikkelen/ISOIEC-15459-Issuing-Agency-Codes.htm>.

"Issuing agency code" means a code that designates the registration (or controlling) authority for the enterprise identifier.

"Item" means a single hardware article or a single unit formed by a grouping of subassemblies, components, or constituent parts.

"Lot or batch number" means an identifying number assigned by the enterprise to a designated group of items, usually referred to as either a lot or a batch, all of which were manufactured under identical conditions.

"Machine-readable" means an automatic identification technology media, such as bar codes, contact memory buttons, radio frequency identification, or optical memory cards.

"Original part number" means a combination of numbers or letters assigned by the enterprise at item creation to a class of items with the same form, fit, function, and interface.

"Parent item" means the item assembly, intermediate component, or subassembly that has an embedded item with a unique item identifier or DoD recognized unique identification equivalent.

"Serial number within the enterprise identifier" means a combination of numbers, letters, or symbols assigned by the enterprise to an item that provides for the differentiation of that item from any other like and unlike item and is never used again within the enterprise.

"Serial number within the part, lot, or batch number" means a combination of numbers or letters assigned by the enterprise to an item that provides for the differentiation of that item from any other like item within a part, lot, or batch number assignment.

"Serialization within the enterprise identifier" means each item produced is assigned a serial number that is unique among all the tangible items produced by the enterprise and is never used again. The enterprise is responsible for ensuring unique serialization within the enterprise identifier.

"Serialization within the part, lot, or batch number" means each item of a particular part, lot, or batch number is assigned a unique serial number within that part, lot, or batch number assignment. The enterprise is responsible for ensuring unique serialization within the part, lot, or batch number within the enterprise identifier.

"Unique item identifier" means a set of data elements marked on items that is globally unique and unambiguous. The term includes a concatenated unique item identifier or a DoD recognized unique identification equivalent.

"Unique item identifier type" means a designator to indicate which method of uniquely identifying a part has been used. The current list of accepted unique item identifier types is maintained at http://www.acq.osd.mil/dpap/pdi/uid/uii_types.html.

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(b) The Contractor shall deliver all items under a contract line, subline, or exhibit line item.

(c) Unique item identifier.

(1) The Contractor shall provide a unique item identifier for the following:

(i) All delivered items for which the Governments unit acquisition cost is \$5,000 or more.

(ii) The following items for which the Governments unit acquisition cost is less than \$5,000:

Contract Line,

Subline, or

Exhibit Line Item Number

Item Description

Items requiring IUID Markings are Major Items > \$5K per unit

(iii) Subassemblies, components, and parts embedded within delivered items as specified in Attachment Number N/A. The Contractor will identify and develop the ECP Unique Major End Item Line Replaceable Units with a Government unit acquisition cost of \$5000 or more during the first Critical Design Review under this contract (CDR).

(2) The unique item identifier and the component data elements of the DoD unique item identification shall not change over the life of the item.

(3) Data syntax and semantics of unique item identifiers. The Contractor shall ensure that

(i) The encoded data elements (except issuing agency code) of the unique item identifier are marked on the item using one of the following three types of data qualifiers, as determined by the Contractor:

(A) Application Identifiers (AIs) (Format Indicator 05 of ISO/IEC International Standard 15434), in accordance with ISO/IEC International Standard 15418, Information Technology EAN/UCC Application Identifiers and Fact Data Identifiers and Maintenance and ANSI MH 10.8.2 Data Identifier and Application Identifier Standard.

(B) Data Identifiers (DIs) (Format Indicator 06 of ISO/IEC International Standard 15434), in accordance with ISO/IEC International Standard 15418, Information Technology EAN/UCC Application Identifiers and Fact Data Identifiers and Maintenance and ANSI MH 10.8.2 Data Identifier and Application Identifier Standard.

(C) Text Element Identifiers (TEIs) (Format Indicator 12 of ISO/IEC International Standard 15434), in accordance with the Air Transport Association Common Support Data Dictionary; and

(ii) The encoded data elements of the unique item identifier conform to the transfer structure, syntax, and coding of messages and data formats specified for Format Indicators 05, 06, and 12 in ISO/IEC International Standard 15434, Information Technology Transfer Syntax for High Capacity Automatic Data Capture Media.

(4) Unique item identifier.

(i) The Contractor shall

(A) Determine whether to

(1) Serialize within the enterprise identifier;

(2) Serialize within the part, lot, or batch number; or

(3) Use a DoD recognized unique identification equivalent; and

(B) Place the data elements of the unique item identifier (enterprise identifier; serial number; DoD recognized unique identification equivalent; and for serialization within the part, lot, or batch number only: original part, lot, or batch number) on items requiring marking by paragraph (c)(1) of this clause, based on the criteria provided in the version of MIL-STD-130, Identification Marking of U.S. Military Property, cited in the contract Schedule.

(ii) The issuing agency code

(A) Shall not be placed on the item; and

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(B) Shall be derived from the data qualifier for the enterprise identifier.

(d) For each item that requires unique item identification under paragraph (c)(1)(i) or (ii) of this clause, in addition to the information provided as part of the Material Inspection and Receiving Report specified elsewhere in this contract, the Contractor shall report at the time of delivery, either as part of, or associated with, the Material Inspection and Receiving Report, the following information:

- (1) Unique item identifier.
- (2) Unique item identifier type.
- (3) Issuing agency code (if concatenated unique item identifier is used).
- (4) Enterprise identifier (if concatenated unique item identifier is used).
- (5) Original part number (if there is serialization within the original part number).
- (6) Lot or batch number (if there is serialization within the lot or batch number).
- (7) Current part number (optional and only if not the same as the original part number).
- (8) Current part number effective date (optional and only if current part number is used).
- (9) Serial number (if concatenated unique item identifier is used).
- (10) Governments unit acquisition cost.
- (11) Unit of measure.

(e) For embedded subassemblies, components, and parts that require DoD unique item identification under paragraph (c)(1)(iii) of this clause, the Contractor shall report as part of, or associated with, the Material Inspection and Receiving Report specified elsewhere in this contract, the following information:

- (1) Unique item identifier of the parent item under paragraph (c)(1) of this clause that contains the embedded subassembly, component, or part.
- (2) Unique item identifier of the embedded subassembly, component, or part.
- (3) Unique item identifier type.**
- (4) Issuing agency code (if concatenated unique item identifier is used).**
- (5) Enterprise identifier (if concatenated unique item identifier is used).**
- (6) Original part number (if there is serialization within the original part number).**
- (7) Lot or batch number (if there is serialization within the lot or batch number).**
- (8) Current part number (optional and only if not the same as the original part number).**
- (9) Current part number effective date (optional and only if current part number is used).**
- (10) Serial number (if concatenated unique item identifier is used).**
- (11) Description.

** Once per item.

(f) The Contractor shall submit the information required by paragraphs (d) and (e) of this clause in accordance with the data submission procedures at

http://www.acq.osd.mil/dpap/pdi/uid/data_submission_information.html.

(g) Subcontracts. If the Contractor acquires by subcontract, any item(s) for which unique item identification is required in accordance with paragraph (c)(1) of this clause, the Contractor shall include this clause, including this paragraph (g), in the applicable

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subcontract(s).

(End of clause)

F-8 252.211-7006 PASSIVE RADIO FREQUENCY IDENTIFICATION

SEP/2011

(a) Definitions. As used in this clause--

"Advance shipment notice" means an electronic notification used to list the contents of a shipment of goods as well as additional information relating to the shipment, such as passive radio frequency identification (RFID) or item unique identification (IUID) information, order information, product description, physical characteristics, type of packaging, marking, carrier information, and configuration of goods within the transportation equipment.

"Bulk commodities" means the following commodities, when shipped in rail tank cars, tanker trucks, trailers, other bulk wheeled conveyances, or pipelines:

- (1) Sand.
- (2) Gravel.
- (3) Bulk liquids (water, chemicals, or petroleum products).
- (4) Ready-mix concrete or similar construction materials.
- (5) Coal or combustibles such as firewood.
- (6) Agricultural products such as seeds, grains, or animal feed.

"Case" means either a MIL-STD-129 defined exterior container within a palletized unit load or a MIL-STD-129 defined individual shipping container.

"Electronic Product Code\TM\ (EPC)" means an identification scheme for universally identifying physical objects via RFID tags and other means. The standardized EPC\TM\ data consists of an EPC\TM\ (or EPC\TM\ identifier) that uniquely identifies an individual object, as well as an optional filter value when judged to be necessary to enable effective and efficient reading of the EPC\TM\ tags. In addition to this standardized data, certain classes of EPC\TM\ tags will allow user-defined data. The EPC\TM\ Tag Data Standards will define the length and position of this data, without defining its content.

"EPCglobal" means a subscriber-driven organization comprised of industry leaders and organizations focused on creating global standards for the adoption of passive RFID technology.

"Exterior container" means a MIL-STD-129 defined container, bundle, or assembly that is sufficient by reason of material, design, and construction to protect unit packs and intermediate containers and their contents during shipment and storage. It can be a unit pack or a container with a combination of unit packs or intermediate containers. An exterior container may or may not be used as a shipping container.

"Palletized unit load" means a MIL-STD-129 defined quantity of items, packed or unpacked, arranged on a pallet in a specified manner and secured, strapped, or fastened on the pallet so that the whole palletized load is handled as a single unit. A palletized or skidded load is not considered to be a shipping container. A loaded 463L System pallet is not considered to be a palletized unit load. Refer to the Defense Transportation Regulation, DoD 4500.9-R, Part II, Chapter 203, for marking of 463L System pallets.

"Passive RFID tag" means a tag that reflects energy from the reader/interrogator or that receives and temporarily stores a small amount of energy from the reader/interrogator signal in order to generate the tag response. The only acceptable tags are EPC Class 1 passive RFID tags that meet the EPCglobal\TM\ Class 1 Generation 2 standard.

"Radio frequency identification (RFID)" means an automatic identification and data capture technology comprising one or more reader/interrogators and one or more radio frequency transponders in which data transfer is achieved by means of suitably modulated inductive or radiating electromagnetic carriers.

"Shipping container" means a MIL-STD-129 defined exterior container that meets carrier regulations and is of sufficient strength, by reason of material, design, and construction, to be shipped safely without further packing (e.g., wooden boxes or crates, fiber and metal drums, and corrugated and solid fiberboard boxes).

(b)(1) Except as provided in paragraph (b)(2) of this clause, the Contractor shall affix passive RFID tags, at the case- and palletized-unit-load packaging levels, for shipments of items that--

(i) Are in any of the following classes of supply, as defined in DoD 4140.1-R, DoD Supply Chain Materiel Management Regulation, AP1.1.11:

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(A) Subclass of Class I--Packaged operational rations.

(B) Class II--Clothing, individual equipment, tentage, organizational tool kits, hand tools, and administrative and housekeeping supplies and equipment.

(C) Class IIIP--Packaged petroleum, lubricants, oils, preservatives, chemicals, and additives.

(D) Class IV--Construction and barrier materials.

(E) Class VI--Personal demand items (non-military sales items).

(F) Subclass of Class VIII--Medical materials (excluding pharmaceuticals, biologicals, and reagents--suppliers should limit the mixing of excluded and non-excluded materials).

(G) Class IX--Repair parts and components including kits, assemblies and subassemblies, repairable and consumable items required for maintenance support of all equipment, excluding medical-peculiar repair parts; and

(ii) Are being shipped to one of the locations listed at <http://www.acq.osd.mil/log/rfid/> or to--

(A) A location outside the contiguous United States when the shipment has been assigned Transportation Priority 1, or to--

(B) The following location(s) deemed necessary by the requiring activity:

Contract line, subline, or exhibit line item number	Location name	City	State	DoDAAC
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* See narrative F0002

(2) The following are excluded from the requirements of paragraph (b)(1) of this clause:

(i) Shipments of bulk commodities.

(ii) Shipments to locations other than Defense Distribution Depots when the contract includes the clause at FAR 52.213-1, Fast Payment Procedures.

(c) The Contractor shall--

(1) Ensure that the data encoded on each passive RFID tag are globally unique (i.e., the tag ID is never repeated across two or more RFID tags) and conforms to the requirements in paragraph (d) of this clause;

(2) Use passive tags that are readable; and

(3) Ensure that the passive tag is affixed at the appropriate location on the specific level of packaging, in accordance with MIL-STD-129 (Section 4.9.2) tag placement specifications.

(d) Data syntax and standards. The Contractor shall encode an approved RFID tag using the instructions provided in the EPC\TM\ Tag Data Standards in effect at the time of contract award. The EPC\TM\ Tag Data Standards are available at <http://www.epcglobalinc.org/standards/>.

(1) If the Contractor is an EPCglobal\TM\ subscriber and possesses a unique EPC\TM\ company prefix, the Contractor may use any of the identifiers and encoding instructions described in the most recent EPC\TM\ Tag Data Standards document to encode tags.

(2) If the Contractor chooses to employ the DoD identifier, the Contractor shall use its previously assigned Commercial and Government Entity (CAGE) code and shall encode the tags in accordance with the tag identifier details located at http://www.acq.osd.mil/log/rfid/tag_data.htm. If the Contractor uses a third-party packaging house to encode its tags, the CAGE code of the third-party packaging house is acceptable.

(3) Regardless of the selected encoding scheme, the Contractor with which the Department holds the contract is responsible for ensuring that the tag ID encoded on each passive RFID tag is globally unique, per the requirements in paragraph (c)(1) of this clause.

(e) Advance shipment notice. The Contractor shall use Wide Area WorkFlow (WAWF), as required by DFARS 252.232-7003, Electronic Submission of Payment Requests, to electronically submit advance shipment notice(s) with the RFID tag ID(s) (specified in paragraph (d) of this clause) in advance of the shipment in accordance with the procedures at <https://wawf.eb.mil/>.

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(End of clause)

F-9 52.247-4005 SHIPMENT OF SUPPLIES AND DETENTION OF CARRIERS EQUIPMENT AUG/2003
 (TACOM)

- (a) Unless otherwise directed, shipment items under this contract in following order of priority:
- (1) Government/Commercial Bill(s) of Lading or US Postal Services;
 - (2) Prepaid Commercial Bill(s) of Lading with transportation charges entered as a separate item on the invoice; or
 - (3) As otherwise instructed when the contract prohibits use of Government funds for transportation costs.

(b) The Contractor will request:

- (1) Government Bills of Lading and
- (2) Routing and other instructions, including Defense Transportation Regulation (DTR), DOD Regulation 4500.9-R-Part 2 Cargo Movement, as to the methods of shipment to be followed by the Contractor, or

(c) The Contractor and subcontractor(s) must allow prompt and convenient access of carrier's equipment to loading docks or platforms where the contract items supplies will be loaded. Any charges for detention of carrier's equipment shall be for the account of the Contractor, except when the detention is required or caused by the Government.

[End of Clause]

F-10 52.247-4010 TRANSPORTATION DATA FOR FOB ORIGIN OFFERS FEB/1994
 (TACOM)

(a) Provide the following information for us to use in selecting the most favorable mode of shipment. We'll also use this information in our evaluation of transportation costs.

Offeror represents that:

- (1) Facilities for shipping by rail
 - [] are
 - [x] are not

available at the F.O.B. point(s) stated in this solicitation.

(2) If rail facilities are not available at the F.O.B. point(s), the name and location of the nearest team track is:

(NAME)
(LOCATION)

- (3) Facilities for shipping by water
 - [] are
 - [x] are not

available at the F.O.B. point(s) stated in this solicitation.

- (4) Facilities for shipping by motor
 - [x] are
 - [] are not

available at the F.O.B. point(s) stated in this solicitation.

(5) If there is a Contractor Reimbursable Loading Charge and you didn't include it in the offered unit price in Section B,

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please indicate it below, per unit:

RAIL: _____/Unit MOTOR: _____/Unit WATER: _____ /Unit

CAUTION: GIVE THE COST OF REIMBURSABLE LOADING CHARGE (NOT ALREADY IN THE OFFERED UNIT PRICE) ON A PER UNIT BASIS. THE UNIT OF MEASURE IS AS INDICATED ON THE SCHEDULE PAGE, SECTION B, UNDER THE UNIT COLUMN.

(b) We will consider any charge listed above in the overall transportation evaluation of this solicitation. Unless you fill-in the above information for loading charges, we will consider all costs associated with loading to be included in the item price offered in Section B. These costs include: (i) loading, (ii) blocking, (iii) bracing, (iv) drayage, (v) switching, or (vi) any other service necessary to effect delivery F.O.B. carrier's equipment you've indicated as available and we specify at time of shipment.

(c) If rail facilities aren't available at the designated F.O.B. point(s), rail won't be used unless directed by the Administrative Contracting Officer (ACO). If the ACO tells you rail facilities will be used, we'll adjust the contract price by adding the loading charge filled in above for transportation to the nearest rail facility.

(d) IF YOU DO NOT FILL IN AN ADDITIONAL CHARGE FOR RAIL SHIPMENT ABOVE, YOU AGREE THAT THE CONTRACT PRICE ALREADY INCLUDES ALL CHARGES FOR SUCH SHIPMENTS. THEREFORE, SHIPMENT BY RAIL WILL NOT COST US ANY MORE.

[End of Clause]

F-11 52.247-4011 FOB POINT SEP/1978
(TACOM)

Delivery on F.O.B. origin offers will be F.O.B. Carrier's equipment, wharf, or freight station, at the Government's option, at or near:

(1) Contractor's Plant: 38500 Mound Road, Sterling Heights, Michigan 48094 USA _____

(2) Subcontractor's Plant: _____
(City) (State) (ZIP) (County)

[End of Clause]

F-12 52.247-4017 DEPOT ADDRESS FOR THE APPLICABLE MODE OF SHIPMENTS: IN-THE-CLEAR NOV/2009
(TACOM) ADDRESSES

Rail/ Motor _SPLC*	MILSTRIP Address Code	Rail Ship To:	Motor Ship To:	Parcel Post Mail To: _____
206721/ 209405	W25G1U	Transportation Officer Defense Dist Depot Susquehanna New Cumberland, PA	Transportation Officer Defense Dist Depot Susquehanna New Cumberland, PA	Transportation Officer Defense Dist Depot Susquehanna New Cumberland, PA 17070-5001

NOTE: All deliveries to New Cumberland MUST be scheduled at least 10 days prior to the delivery date. The carrier or contractor must call the New Cumberland DDSP customer service number, 800-307-8496 and provide the following information: contract number, item name, National Stock Number, total weight and cube, and vendor. All shipments to this MILSTRIP address code (W25G1U) are for mission stock and they will need to know that as well, but if you have instructions from the Contracting Officer to use MILSTRIP address code W25N14 instead, you must inform the appointment-taker that the delivery is for Consolidation and Containerization Point (CCP) stock. Appointments for FOB Origin shipments should be coordinated with DCMA Transportation.

875670/ 875675	W62G2T	Transportation Officer XU Def Dist Depot San Joaquin 25600 S Chrisman Rd Rec Whse 10 Tracy, Ca 95376-5000	Transportation Officer XU Def Dist Depot San Joaquin 25600 S Chrisman Rd Rec Whse 10 Tracy, Ca 95376-5000	Transportation Officer Dist Depot San Joaquin P O Box 96001 Stockton, CA 95296-0130
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471995/ 471996	W31G1Z	Transportation Officer Anniston Army Depot, Bynum, AL	Transportation Officer Anniston Army Depot, Bynum, AL	Transportation Officer Anniston Army Depot, Anniston, AL 36201-5021
209741/ 209770	W25G1R	Transportation Officer Letterkenny Army Depot, Culbertson, PA	Transportation Officer Letterkenny Army Depot, Chambersburg, PA	Transportation Officer Letterkenny Army Depot, Chambersburg, PA 17201-4150
661136/ 661157	W45G19	Transportation Officer Red River Army Depot, Defense, TX	Transportation Officer Red River Army Depot, Texarkana, TX	Transportation Officer Red River Army Depot, Texarkana, TX 75507-5000
764538/ 764535	W67G23	Transportation Officer Tooele Army Depot, Warner, UT	Transportation Officer Tooele Army Depot, Tooele, UT	Transportation Officer Tooele Army Depot, Tooele, UT 84074-5003

***SPLC indicates Standard Point Locator Code.**NOTE:** The following is applicable only when so specified in an individual order or delivery increment:

This requirement is a depot replenishment buy, a portion of which is or may be required to fill Direct Support System (DSS) requisitions. Shipment shall be made, as specified, to one or more of:

New Cumberland Army Depot
Red River Army Depot
Sharpe Army Depot

prior to shipments to any other depots as may be designated. When more than one depot is designated for DSS shipments, priority shipments will be made equally to each of the designated destinations.

[End of Clause]

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SECTION G - CONTRACT ADMINISTRATION DATA

PRON/ AMS CD/ LINE	MIPR/ GFEBS ATA	OBLG STAT	JO NO/ ACCT ASSIGN	ACRN	OBLIGATED AMOUNT
0001AB	X13RD028X1	1	A.0007090.10.19	AA	\$ 12,995,000.00
0001AC	X14RD002X1	1	A.0007090.10.23	AB	\$ 10,042,000.00
TOTAL					\$ 23,037,000.00

ACRN	ACCOUNTING CLASSIFICATION	OBLIGATED AMOUNT
AA	021 201320142040 A5XGK 643653C51FPST 2550 L035129090 A.0007090.10.19	021001 \$ 12,995,000.00
AB	021 201420152040 A5XGK 643653C51FPST 2550 L035020734 A.0007090.10.23	021001 \$ 10,042,000.00
TOTAL		\$ 23,037,000.00

LINE ITEM	ACRN	EDI/SFIS ACCOUNTING CLASSIFICATION	OBLIGATED AMOUNT
0001AB	AA	021 201320142040 A5XGK 643653C51FPST 2550 L035129090 A.0007090.10.19	021001
0001AC	AB	021 201420152040 A5XGK 643653C51FPST 2550 L035020734 A.0007090.10.23	021001

Regulatory Cite	Title	Date
G-1	52.242-4016 COMMUNICATIONS	FEB/2013

Communications on technical matters pertaining to the contract shall be direct between the contractor and the Contracting Officer Representative (COR). Communications for the COR shall be addressed to:

Name: Mike Cole
E-mail: Michael.J.Cole2.civ@mail.mil

Name: Doug Gersky
E-mail: Douglas.J.Gersky.civ@mail.mil

The Administrative Contracting Officer's (ACO) name and email address are also provided if known at this time:

ACO: David Hudson
E-mail: David.Hudson@dcma.mil

Please see the appointment letters prepared at time of contract award for functions the Technical Representative and ACO will perform on this contract.

[End of Clause]

G-2	52.227-4004 RELEASE OF INFORMATION (TACOM)	OCT/2012
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The contractor shall ensure that he complies with the requirements of Chapter 5, page 22, paragraph 5-48, of AR 360-1, The Army Public Affairs Program, dated 15 Sep 2000, prior to contemplated release of any procurement information. Approval of the Contracting Officer is required prior to release of any such information. AR 360-1 may be found at

www.asaie.army.mil/Public/IE/Toolbox/documents/r360_1.pdf

[End of Clause]

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G-3 52.232-4087 PAYMENT UNDER WIDE AREA WORKFLOW (ACC WARREN) AUG/2012

To obtain payment, WAWF requires the contractor to input/indicate the various DoDAAC (Department of Defense Activity Address Code) codes that apply to the acquisition. These codes can be found on the cover page of contracts/orders as described below.

The document type the contractor shall use is as follows:

- "Combo" is entered if the award is for supplies or supplies and services are being delivered.
- "2in1" is entered if the award is strictly for services being provided/delivered.

USE THE FOLLOWING CODES TO ROUTE YOUR INVOICES THROUGH WAWF:

- Your firms CAGE code (found in Block 15A of SF 33; Block 17a of SF 1449; Block 14 of SF 1442; Block 7 of SF 26)
- Issue and Admin DoDAAC Code (found in Block 7 of SF 33; Block 9 of SF 1449; Block 7 of SF 1442; Block 5 of SF 26)
- Ship-To DoDAAC Code (if deliverables are involved) (found in Section B of the contract where SF 33, SF 1442, or SF 26 is the cover page; Block 15 of SF 1449)
- Accept-By DoDAAC Code: If Inspection/Acceptance is Origin, use the Admin (DCMA)DoDAAC or the DoDAAC of the inspection/acceptance office if different than the Admin DoDAAC; if Destination, use the Ship-To DODAAC Code. If Accepted-By Other: enter the DoDAAC of the activity designated to perform acceptance.
- Payment DoDAAC Code. (found in Block 25 of SF 33; Block 18a of SF 1449; Block 27 of SF 1442; Block 12 of SF 26)

The paying office DoDAAC and mailing address is located on the first page of the award. To track the status of your invoice, click on the link, Pay status (myInvoice-External link) at the bottom of the left-hand menu.

If your paying office is Columbus, direct any payment-related questions to the Defense Finance Accounting Services (DFAS) Columbus at 1-888-756-4571. Please have your order number and invoice ready when calling about payment status. If your paying office is other than Columbus, contact your contract administrator for the customer service phone/fax numbers.

[End of Clause]

INSTRUCTIONS TO DFAS

The CONTRACTOR shall REQUEST payment using the CLIN/ACRN with the earliest cancellation date first, exhausting all funds in that CLIN/ACRN before disbursing funds from the next. In the event there is more than one ACRN associated with the same cancellation date, the payment amount shall be disbursed from each ACRN with the same cancellation date in the same proportion as the amount of funding obligated for each ACRN with the same cancellation date.

*** END OF NARRATIVE G0001 ***

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SECTION H - SPECIAL CONTRACT REQUIREMENTS

H.1 Contractor Performance Assessment Reporting System (CPARS)

H.1.1 The contractor will register at the CPARS Access site:

<http://www.cpars.csd.disa.mil/cparsmain.htm>.

H.1.2 The contractor's performance under this contract shall be assessed by the Government. An interim assessment will be prepared every 12 months and a final assessment will be prepared when the contract is physically complete. The Contracting Officer (Assessing Official), the Contract Administration Office, or any other Government source deemed appropriate will provide to the Procuring Contracting Officer (PCO) information relative to the contractor's performance in the following areas: Technical (Quality of Product or Services); Schedule; Cost Control; and Management (Subcontract Management, Program Management or Other Management). The assessment/review will be accomplished using the Contractor Performance Assessment Reporting System (CPARS). The completed evaluations shall not be released to anyone other than Government personnel and the contractor whose performance is being evaluated.

The CPARS Access web link is: <http://cpars.csd.disa.mil>.

*** END OF NARRATIVE H0001 ***

H.2. CONTRACTOR MANPOWER REPORTING

H.2.1. The contractor shall report ALL contractor labor hours (including subcontractor labor hours) required for performance of services provided under this contract for the ECP Phase II Upgrade Program via a secure data collection site. The contractor is required to completely fill in all required data fields using the following web address: <http://www.ecmra.mil/>, and then click on Department of the Army CMRA or the icon of the DoD organization that is receiving or benefitting from the contracted services.

H.2.2. Reporting inputs will be for the labor executed during the period of performance during each Government fiscal year (FY), which runs October 1 through September 30. While inputs may be reported any time during the FY, all data shall be reported no later than October 31 of each calendar year, beginning with 2013. Contractors may direct questions to the help desk by clicking on Send an email which is located under the Help Resources ribbon on the right side of the login page of the applicable Service/Components CMR website.

*** END OF NARRATIVE H0002 ***

H.3 Pursuant to FAR 16.503(c), all efforts requiring the contractor to perform work on existing items of Government property, failure of the Government to furnish such items in the amounts or quantities described in the Schedule as "estimate" or "maximum", will not entitle the contractor to any equitable adjustment in price under the Government Property clause of this contract.

*** END OF NARRATIVE H0003 ***

H.4 The following individuals are authorized to negotiate with the Government on behalf of General Dynamics Land Systems in connection with requests for proposals and requests for information.

Jill Fogg
Holly Koczot
Susan Hunt
Marlene Fisher
Lynne Rekowski
Donald Claye
Daniel Phillip
Janet Chyba

*** END OF NARRATIVE H0004 ***

H.5 PROGRAM PROTECTION

H.5.1 The Contractor shall provide for the security of classified and unclassified information, data, hardware, and software generated for the program or provided to the program. The Contractor shall comply with and provide security procedures and processes to satisfy the security requirements identified in Attachment 0002 DD Form-254, and Program Protection Plan (FOUO).

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H.5.2 The requirement for Program Protection is effective immediately by all Stryker FOV program participants, field activities and matrix support personnel at all Stryker GOV and contractor locations and will be flowed down to all U.S. Subcontractors as an integral part of their respective contracts.

H.5.3 In accordance with the Program Protection Plan the Contractor shall provide identification of Critical Program Information (CPI) and describe where CPI is researched, manufactured, stored, processed or tested. All original, revised and/or supplemental PPPs shall be marked, at a minimum, FOR OFFICIAL USE ONLY (FOUO), or classified in a manner consistent with the information disclosed.

H.5.4 All U.S. Stryker FOV Contractors shall be required to follow the STRYKER FOV OPSEC Plan and its countermeasures to protect Stryker FOV information. To ensure all U.S. Stryker FOV Contractors have cognizance of the STRYKER FOV OPSEC Plan, between August and November, all U.S. Stryker FOV Contractors will provide annual STRYKER FOV OPSEC training for all its Stryker FOV personnel. The Contractor shall submit an OPSEC training status report including subcontractor information no later than 30 days after contract award to the Government PM SBCT Security Office.

*** END OF NARRATIVE H0005 ***

H.6. Government Automated Information Management Systems. The Government will provide, on a non-interference basis, rent-free access to the Logistics Modernization Program (LMP).

H.6.1 The Contracting Officer may authorize the use of Government Owned Property at the GDLS Sterling Heights Complex, for the purpose of non-governmental commercial efforts upon request of the contractor, in exchange for consideration in accordance with FAR 45.301(f).

*** END OF NARRATIVE H0006 ***

H.7 Commingling of Material

H.7.1. The contractor and its subcontractors are authorized to commingle material produced, purchased or otherwise furnished by the contractor and its subcontractors under this contract.

*** END OF NARRATIVE H0007 ***

<u>Regulatory Cite</u>	<u>Title</u>	<u>Date</u>
H-1	52.204-4005 REQUIRED USE OF ELECTRONIC CONTRACTING	AUG/2012

(a) All contract awards, modifications and delivery orders issued by Army Contracting Command - Warren (DTA) will be issued electronically. The contractor has the option to receive these actions either via the Worldwide Web (WWW) or Electronic Data Interchange (EDI). Many provisions/clauses that appear "by reference," meaning only clause titles and regulation site are listed; their full texts can be found at the website <http://farsite.hill.af.mil/>

(b) In order to be eligible to receive an award under this solicitation, the successful offeror must be registered with the Department of Defense (DOD) System for Award Management (SAM). The SAM registration process may be done electronically at the World Wide Web (WWW) site: <https://www.sam.gov/portal/public/SAM>. (In order to be registered to use EDI, you must use the long form for registration. Certification information, including information on the EDI 838 TPP, must be furnished to the Contracting Officer within 60 calendar days after contract award to complete networking requirements within the Government.)

(c) Worldwide Web Distribution. The contractor will receive an electronic Notice of the Award, Modification, or Delivery Order via e-mail. If you choose the WWW option, you must download the file from the appropriate Army Contracting Command - Warren webpage:

Warren: http://contracting.tacom.army.mil/CFDATA/AWARDS/AWARD_RPT01.cfm
 Rock Island - JMTC: <https://acquisition.army.mil/asfi/>
 Red River Army Depot: <https://acquisition.army.mil/asfi/>
 Anniston Army Depot: <https://acquisition.army.mil/asfi/>

(d) Electronic Data Interchange. If you choose to receive contract awards, modifications and delivery orders through EDI, they will be delivered electronically via the Federal Acquisition Network (FACNET). Federal Standard Version 3050 of Standard X12 from the American National Standards Institute (ANSI) will be used as the format for these electronic transactions.

(1) You must complete the EDI 838 Trading Partner Profile, and must agree (i) to subcontract with a DoD certified VAN or Value Added Service (VAS) provider, or (ii) to become DoD certified as a Value Added Network (VAN). The EDI 838 Training Partner

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Profile is contained in the basic SAM registration form and includes portions of the registration form which are titled "Optional".

(2) You must select a VAN from the official DoD approved list. DoD Certified VANs are listed at <http://www.acq.osd.mil/dpap/ebiz/VANs.htm> . If your VAN is later removed from the official list, or if you voluntarily drop your initially selected VAN, then you must switch to a VAN that remains on the official DoD approved list. You must maintain an active account on a DoD approved VAN for the entire duration of the contract, beginning no later than the 60th day after award.

(e) Unless otherwise specified elsewhere in the contract, all data items you are required to provide under this contract must be submitted electronically. Please go to the following webpage for detailed information about submitting your offer electronically: <http://contracting.tacom.army.mil/acqinfo/ebidnotice.htm>

(f) Additional information can be obtained by sending a message to: usarmy.detroit.acc.mbx.wrn-web-page@mail.mil or by calling (586) 282-7059.

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SECTION I - CONTRACT CLAUSES

	<u>Regulatory Cite</u>	<u>Title</u>	<u>Date</u>
I-1	52.202-1	DEFINITIONS	JAN/2012
I-2	52.203-3	GRATUITIES	APR/1984
I-3	52.203-5	COVENANT AGAINST CONTINGENT FEES	APR/1984
I-4	52.203-6	RESTRICTIONS ON SUBCONTRACTOR SALES TO THE GOVERNMENT	SEP/2006
I-5	52.203-7	ANTI-KICKBACK PROCEDURES	OCT/2010
I-6	52.203-8	CANCELLATION, RESCISSION, AND RECOVERY OF FUNDS FOR ILLEGAL OR IMPROPER ACTIVITY	JAN/1997
I-7	52.203-10	PRICE OR FEE ADJUSTMENT FOR ILLEGAL OR IMPROPER ACTIVITY	JAN/1997
I-8	52.203-12	LIMITATION ON PAYMENTS TO INFLUENCE CERTAIN FEDERAL TRANSACTIONS	OCT/2010
I-9	52.203-13	CONTRACTOR CODE OF BUSINESS ETHICS AND CONDUCT	APR/2010
I-10	52.204-2	SECURITY REQUIREMENTS	AUG/1996
I-11	52.204-4	PRINTED OR COPIED DOUBLE-SIDED ON POSTCONSUMER FIBER CONTENT PAPER	MAY/2011
I-12	52.204-9	PERSONAL IDENTITY VERIFICATION OF CONTRACTOR PERSONNEL	JAN/2011
I-13	52.204-10	REPORTING EXECUTIVE COMPENSATION AND FIRST-TIER SUBCONTRACT AWARDS	AUG/2012
I-14	52.204-13	CENTRAL CONTRACTOR REGISTRATION MAINTENANCE	DEC/2012
I-15	52.209-6	PROTECTING THE GOVERNMENT'S INTEREST WHEN SUBCONTRACTING WITH CONTRACTORS DEBARRED, SUSPENDED, OR PROPOSED FOR DEBARMENT	DEC/2010
I-16	52.209-9	UPDATES OF PUBLICLY AVAILABLE INFORMATION REGARDING RESPONSIBILITY MATTERS	FEB/2012
I-17	52.210-1	MARKET RESEARCH	APR/2011
I-18	52.211-5	MATERIAL REQUIREMENTS	AUG/2000
I-19	52.211-15	DEFENSE PRIORITY AND ALLOCATION REQUIREMENTS	APR/2008
I-20	52.215-2	AUDIT AND RECORDS--NEGOTIATIONS	OCT/2010
I-21	52.215-8	ORDER OF PRECEDENCE--UNIFORM CONTRACT FORMAT	OCT/1997
I-22	52.215-10	PRICE REDUCTION FOR DEFECTIVE CERTIFIED COST OR PRICING DATA	AUG/2011
I-23	52.215-12	SUBCONTRACTOR CERTIFIED COST OR PRICING DATA	OCT/2010
I-24	52.215-14	INTEGRITY OF UNIT PRICES (OCT 2010) -- ALTERNATE I (OCT 1997)	OCT/1997
I-25	52.215-15	PENSION ADJUSTMENTS AND ASSET REVERSIONS	OCT/2010
I-26	52.215-18	REVERSION OR ADJUSTMENT OF PLANS FOR POSTRETIREMENT BENEFITS (PRB) OTHER THAN PENSIONS	JUL/2005
I-27	52.215-23	LIMITATIONS ON PASS-THROUGH CHARGES	OCT/2009
I-28	52.216-8	FIXED FEE	JUN/2011
I-29	52.219-8	UTILIZATION OF SMALL BUSINESS CONCERNS	JAN/2011
I-30	52.219-9	SMALL BUSINESS SUBCONTRACTING PLAN	JAN/2011
I-31	52.219-16	LIQUIDATED DAMAGES--SUBCONTRACTING PLAN	JAN/1999
I-32	52.222-1	NOTICE TO THE GOVERNMENT OF LABOR DISPUTES	FEB/1997
I-33	52.222-19	CHILD LABOR--COOPERATION WITH AUTHORITIES AND REMEDIES	MAR/2012
I-34	52.222-20	WALSH-HEALEY PUBLIC CONTRACTS ACT	OCT/2010
I-35	52.222-21	PROHIBITION OF SEGREGATED FACILITIES	FEB/1999
I-36	52.222-26	EQUAL OPPORTUNITY	MAR/2007
I-37	52.222-35	EQUAL OPPORTUNITY FOR VETERANS	SEP/2010
I-38	52.222-36	AFFIRMATIVE ACTION FOR WORKERS WITH DISABILITIES	OCT/2010
I-39	52.222-37	EMPLOYMENT REPORTS ON VETERANS	SEP/2010
I-40	52.222-40	NOTIFICATION OF EMPLOYEE RIGHTS UNDER THE NATIONAL LABOR RELATIONS ACT	DEC/2010
I-41	52.222-41	SERVICE CONTRACT ACT OF 1965	NOV/2007
I-42	52.222-50	COMBATING TRAFFICKING IN PERSONS	FEB/2009
I-43	52.222-54	EMPLOYMENT ELIGIBILITY VERIFICATION	JUL/2012
I-44	52.223-5	POLLUTION PREVENTION AND RIGHT-TO-KNOW INFORMATION	MAY/2011
I-45	52.223-6	DRUG-FREE WORKPLACE	MAY/2001
I-46	52.223-10	WASTE REDUCTION PROGRAM	MAY/2011
I-47	52.223-18	ENCOURAGING CONTRACTOR POLICIES TO BAN TEXT MESSAGING WHILE DRIVING	AUG/2011
I-48	52.223-19	COMPLIANCE WITH ENVIRONMENTAL MANAGEMENT SYSTEMS	MAY/2011
I-49	52.225-13	RESTRICTIONS ON CERTAIN FOREIGN PURCHASES	JUN/2008
I-50	52.227-1	AUTHORIZATION AND CONSENT (DEC 2007) -- ALTERNATE I (APR 1984)	APR/1984
I-51	52.227-2	NOTICE AND ASSISTANCE REGARDING PATENT AND COPYRIGHT INFRINGEMENT	DEC/2007
I-52	52.227-10	FILING OF PATENT APPLICATIONS--CLASSIFIED SUBJECT MATTER	DEC/2007
I-53	52.228-7	INSURANCE--LIABILITY TO THIRD PERSONS	MAR/1996
I-54	52.230-6	ADMINISTRATION OF COST ACCOUNTING STANDARDS	JUN/2010
I-55	52.232-1	PAYMENTS	APR/1984
I-56	52.232-8	DISCOUNTS FOR PROMPT PAYMENT	FEB/2002
I-57	52.232-9	LIMITATION ON WITHHOLDING OF PAYMENTS	APR/1984

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I-58	52.232-11	EXTRAS	APR/1984
I-59	52.232-17	INTEREST	OCT/2010
I-60	52.232-18	AVAILABILITY OF FUNDS	APR/1984
I-61	52.232-22	LIMITATION OF FUNDS	APR/1984
I-62	52.232-23	ASSIGNMENT OF CLAIMS (JAN 1986) -- ALTERNATE I (APR 1984)	APR/1984
I-63	52.232-25	PROMPT PAYMENT	OCT/2008
I-64	52.232-33	PAYMENT BY ELECTRONIC FUNDS TRANSFER--CENTRAL CONTRACTOR REGISTRATION	OCT/2003
I-65	52.233-1	DISPUTES	JUL/2002
I-66	52.233-3	PROTEST AFTER AWARD (AUG 1996) -- ALTERNATE I (JUN 1985)	JUN/1985
I-67	52.233-4	APPLICABLE LAW FOR BREACH OF CONTRACT CLAIM	OCT/2004
I-68	52.237-3	CONTINUITY OF SERVICES	JAN/1991
I-69	52.239-1	PRIVACY OR SECURITY SAFEGUARDS	AUG/1996
I-70	52.242-1	NOTICE OF INTENT TO DISALLOW COSTS	APR/1984
I-71	52.242-3	PENALTIES FOR UNALLOWABLE COSTS	MAY/2001
I-72	52.242-13	BANKRUPTCY	JUL/1995
I-73	52.243-2	CHANGES - COST-REIMBURSEMENT (AUG 1987) -- ALTERNATE V (APR 1984)	APR/1984
I-74	52.243-6	CHANGE ORDER ACCOUNTING	APR/1984
I-75	52.244-5	COMPETITION IN SUBCONTRACTING	DEC/1996
I-76	52.244-6	SUBCONTRACTS FOR COMMERCIAL ITEMS	DEC/2010
I-77	52.245-1	GOVERNMENT PROPERTY	APR/2012
I-78	52.245-9	USE AND CHARGES	APR/2012
I-79	52.246-23	LIMITATION OF LIABILITY	FEB/1997
I-80	52.246-24	LIMITATION OF LIABILITY--HIGH-VALUE ITEMS	FEB/1997
I-81	52.247-63	PREFERENCE FOR U.S.-FLAG AIR CARRIERS	JUN/2003
I-82	52.247-68	REPORT OF SHIPMENT (REPSHIP)	FEB/2006
I-83	52.249-6	TERMINATION (COST REIMBURSEMENT)	MAY/2004
I-84	52.249-14	EXCUSABLE DELAYS	APR/1984
I-85	52.253-1	COMPUTER GENERATED FORMS	JAN/1991
I-86	252.201-7000	CONTRACTING OFFICER'S REPRESENTATIVE	DEC/1991
I-87	252.203-7000	REQUIREMENTS RELATING TO COMPENSATION OF FORMER DOD OFFICIALS	SEP/2011
I-88	252.203-7001	PROHIBITION ON PERSONS CONVICTED OF FRAUD OR OTHER DEFENSE-CONTRACT-RELATED FELONIES	DEC/2008
I-89	252.203-7002	REQUIREMENT TO INFORM EMPLOYEES OF WHISTLEBLOWER RIGHTS	JAN/2009
I-90	252.203-7003	AGENCY OFFICE OF THE INSPECTOR GENERAL	DEC/2012
I-91	252.204-7000	DISCLOSURE OF INFORMATION	DEC/1991
I-92	252.204-7002	PAYMENT FOR SUBLINE ITEMS NOT SEPARATELY PRICED	DEC/1991
I-93	252.204-7003	CONTROL OF GOVERNMENT PERSONNEL WORK PRODUCT	APR/1992
I-94	252.204-7004	ALTERNATE A, CENTRAL CONTRACTOR REGISTRATION	FEB/2013
I-95	252.204-7005	ORAL ATTESTATION OF SECURITY RESPONSIBILITIES	NOV/2001
I-96	252.204-7006	BILLING INSTRUCTIONS	OCT/2005
I-97	252.204-7008	EXPORT-CONTROLLED ITEMS	APR/2010
I-98	252.205-7000	PROVISION OF INFORMATION TO COOPERATIVE AGREEMENT HOLDERS	DEC/1991
I-99	252.209-7004	SUBCONTRACTING WITH FIRMS THAT ARE OWNED OR CONTROLLED BY THE GOVERNMENT OF A TERRORIST COUNTRY	DEC/2006
I-100	252.209-7009	ORGANIZATIONAL CONFLICT OF INTEREST -- MAJOR DEFENSE ACQUISITION PROGRAM	DEC/2012
I-101	252.211-7000	ACQUISITION STREAMLINING	OCT/2010
I-102	252.215-7000	PRICING ADJUSTMENTS	DEC/2012
I-103	252.215-7002	COST ESTIMATING SYSTEM REQUIREMENTS	DEC/2012
I-104	252.219-7003	SMALL BUSINESS SUBCONTRACTING PLAN (DoD CONTRACTS)	AUG/2012
I-105	252.222-7002	COMPLIANCE WITH LOCAL LABOR LAWS (OVERSEAS)	JUN/1997
I-106	252.223-7004	DRUG-FREE WORK FORCE	SEP/1988
I-107	252.223-7006	PROHIBITION ON STORAGE AND DISPOSAL OF TOXIC AND HAZARDOUS MATERIALS	APR/2012
I-108	252.223-7008	PROHIBITION OF HEXAVALENT CHROMIUM	MAY/2011
I-109	252.225-7001	BUY AMERICAN AND BALANCE OF PAYMENTS PROGRAM	DEC/2012
I-110	252.225-7002	QUALIFYING COUNTRY SOURCES AS SUBCONTRACTORS	DEC/2012
I-111	252.225-7004	REPORT OF INTENDED PERFORMANCE OUTSIDE THE UNITED STATES AND CANADA--SUBMISSION AFTER AWARD	OCT/2010
I-112	252.225-7006	QUARTERLY REPORTING OF ACTUAL CONTRACT PERFORMANCE OUTSIDE THE UNITED STATES	OCT/2010
I-113	252.225-7009	RESTRICTION ON ACQUISITION OF CERTAIN ARTICLES CONTAINING SPECIALTY METALS	MAR/2013
I-114	252.225-7012	PREFERENCE FOR CERTAIN DOMESTIC COMMODITIES	FEB/2013

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I-115	252.225-7013	DUTY-FREE ENTRY	JUN/2012
I-116	252.225-7015	RESTRICTION ON ACQUISITION OF HAND OR MEASURING TOOLS	JUN/2005
I-117	252.225-7016	RESTRICTION ON ACQUISITION OF BALL AND ROLLER BEARINGS	JUN/2011
I-118	252.225-7030	RESTRICTION ON ACQUISITION OF CARBON, ALLOY, AND ARMOR STEEL PLATE	DEC/2006
I-119	252.225-7033	WAIVER OF UNITED KINGDOM LEVIES	APR/2003
I-120	252.226-7001	UTILIZATION OF INDIAN ORGANIZATIONS, INDIAN-OWNED ECONOMIC ENTERPRISES, AND NATIVE HAWAIIAN SMALL BUSINESS CONCERNS	SEP/2004
I-121	252.227-7013	RIGHTS IN TECHNICAL DATA--NONCOMMERCIAL ITEMS	FEB/2012
I-122	252.227-7014	RIGHTS IN NONCOMMERCIAL COMPUTER SOFTWARE AND NONCOMMERCIAL COMPUTER SOFTWARE DOCUMENTATION	FEB/2012
I-123	252.227-7015	TECHNICAL DATA--COMMERCIAL ITEMS	DEC/2011
I-124	252.227-7016	RIGHTS IN BID OR PROPOSAL INFORMATION	JAN/2011
I-125	252.227-7019	VALIDATION OF ASSERTED RESTRICTIONS--COMPUTER SOFTWARE	SEP/2011
I-126	252.227-7025	LIMITATIONS ON THE USE OR DISCLOSURE OF GOVERNMENT-FURNISHED INFORMATION MARKED WITH RESTRICTIVE LEGENDS	MAR/2011
I-127	252.227-7027	DEFERRED ORDERING OF TECHNICAL DATA OR COMPUTER SOFTWARE	APR/1988
I-128	252.227-7030	TECHNICAL DATA--WITHHOLDING OF PAYMENT	MAR/2000
I-129	252.227-7037	VALIDATION OF RESTRICTIVE MARKINGS ON TECHNICAL DATA	JUN/2012
I-130	252.231-7000	SUPPLEMENTAL COST PRINCIPLES	DEC/1991
I-131	252.232-7003	ELECTRONIC SUBMISSION OF PAYMENT REQUESTS AND RECEIVING REPORTS	JUN/2012
I-132	252.232-7010	LEVIES ON CONTRACT PAYMENTS	DEC/2006
I-133	252.234-7004	COST AND SOFTWARE DATA REPORTING SYSTEM	NOV/2010
I-134	252.235-7011	FINAL SCIENTIFIC OR TECHNICAL REPORT	NOV/2004
I-135	252.237-7010	PROHIBITION ON INTERROGATION OF DETAINEES BY CONTRACTOR PERSONNEL	NOV/2010
I-136	252.242-7004	MATERIAL MANAGEMENT AND ACCOUNTING SYSTEM	MAY/2011
I-137	252.242-7005	CONTRACTOR BUSINESS SYSTEMS	FEB/2012
I-138	252.242-7006	ACCOUNTING SYSTEM ADMINISTRATION	FEB/2012
I-139	252.243-7001	PRICING OF CONTRACT MODIFICATIONS	DEC/1991
I-140	252.243-7002	REQUESTS FOR EQUITABLE ADJUSTMENT	DEC/2012
I-141	252.244-7000	SUBCONTRACTS FOR COMMERCIAL ITEMS AND COMMERCIAL COMPONENTS (DOD CONTRACTS)	MAR/2013
I-142	252.244-7001	CONTRACTOR PURCHASING SYSTEM ADMINISTRATION	JUN/2012
I-143	252.245-7001	TAGGING, LABELING, AND MARKING OF GOVERNMENT-FURNISHED PROPERTY	APR/2012
I-144	252.245-7002	REPORTING LOSS OF GOVERNMENT PROPERTY	APR/2012
I-145	252.245-7003	CONTRACTOR PROPERTY MANAGEMENT SYSTEM ADMINISTRATION	APR/2012
I-146	252.245-7004	REPORTING, REUTILIZATION, AND DISPOSAL	APR/2012
I-147	252.246-7000	MATERIAL INSPECTION AND RECEIVING REPORT	MAR/2008
I-148	252.246-7001	WARRANTY OF DATA	DEC/1991
I-149	252.246-7003	NOTIFICATION OF POTENTIAL SAFETY ISSUES	JAN/2007
I-150	252.247-7023	TRANSPORTATION OF SUPPLIES BY SEA	MAY/2002
I-151	252.247-7028	APPLICATION FOR U.S. GOVERNMENT SHIPPING DOCUMENTATION/INSTRUCTIONS	JUN/2012
I-152	252.249-7002	NOTIFICATION OF ANTICIPATED CONTRACT TERMINATION OR REDUCTION	OCT/2010
I-153	52.216-7	ALLOWABLE COST AND PAYMENT	JUN/2011

(a) Invoicing.

(1) The Government will make payments to the Contractor when requested as work progresses, but (except for small business concerns) not more often than once every 2 weeks, in amounts determined to be allowable by the Contracting Officer in accordance with Federal Acquisition Regulation (FAR) Subpart 31.2 in effect on the date of this contract and the terms of this contract. The Contractor may submit to an authorized representative of the Contracting Officer, in such form and reasonable detail as the representative may require, an invoice or voucher supported by a statement of the claimed allowable cost for performing this contract.

(2) Contract financing payments are not subject to the interest penalty provisions of the Prompt Payment Act. Interim payments made prior to the final payment under the contract are contract financing payments, except interim payments if this contract contains Alternate I to the clause at 52.232-25.

(3) The designated payment office will make interim payments for contract financing on the 30th day after the designated billing office receives a proper payment request. In the event that the Government requires an audit or other review of a specific payment request to ensure compliance with the terms and conditions of the contract, the designated payment office is not compelled to make payment by the specified due date.

(b) Reimbursing costs.

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(1) For the purpose of reimbursing allowable costs (except as provided in subparagraph (b)(2) of this clause, with respect to pension, deferred profit sharing, and employee stock ownership plan contributions), the term costs includes only --

(i) Those recorded costs that, at the time of the request for reimbursement, the Contractor has paid by cash, check, or other form of actual payment for items or services purchased directly for the contract;

(ii) When the Contractor is not delinquent in paying costs of contract performance in the ordinary course of business, costs incurred, but not necessarily paid, for --

(A) Supplies and services purchased directly for the contract and associated financing payments to subcontractors, provided payments determined due will be made

(1) In accordance with the terms and conditions of a subcontract or invoice; and

(2) Ordinarily within 30 days of the submission of the Contractors payment request to the Government;

(B) Materials issued from the Contractors inventory and placed in the production process for use on the contract;

(C) Direct labor;

(D) Direct travel;

(E) Other direct in-house costs; and

(F) Properly allocable and allowable indirect costs, as shown in the records maintained by the Contractor for purposes of obtaining reimbursement under Government contracts; and

(iii) The amount of financing payments that have been paid by cash, check or other form of payment to subcontractors.

(2) Accrued costs of Contractor contributions under employee pension plans shall be excluded until actually paid unless

(i) The Contractors practice is to make contributions to the retirement fund quarterly or more frequently; and

(ii) The contribution does not remain unpaid 30 days after the end of the applicable quarter or shorter payment period (any contribution remaining unpaid shall be excluded from the Contractors indirect costs for payment purposes).

(3) Notwithstanding the audit and adjustment of invoices or vouchers under paragraph (g) of this clause, allowable indirect costs under this contract shall be obtained by applying indirect cost rates established in accordance with paragraph (d) of this clause.

(4) Any statements in specifications or other documents incorporated in this contract by reference designating performance of services or furnishing of materials at the Contractors expense or at no cost to the Government shall be disregarded for purposes of cost-reimbursement under this clause.

(c) Small business concerns. A small business concern may receive more frequent payments than every 2 weeks.

(d) Final indirect cost rates.

(1) Final annual indirect cost rates and the appropriate bases shall be established in accordance with Subpart 42.7 of the Federal Acquisition Regulation (FAR) in effect for the period covered by the indirect cost rate proposal.

(2)(i) The Contractor shall submit an adequate final indirect cost rate proposal to the Contracting Officer (or cognizant Federal agency official) and auditor within the 6-month period following the expiration of each of its fiscal years. Reasonable extensions, for exceptional circumstances only, may be requested in writing by the Contractor and granted in writing by the Contracting Officer. The Contractor shall support its proposal with adequate supporting data.

(ii) The proposed rates shall be based on the Contractors actual cost experience for that period. The appropriate Government representative and the Contractor shall establish the final indirect cost rates as promptly as practical after receipt of the Contractors proposal.

(iii) An adequate indirect cost rate proposal shall include the following data unless otherwise specified by the cognizant Federal agency official:

(A) Summary of all claimed indirect expense rates, including pool, base, and calculated indirect rate.

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(B) General and Administrative expenses (final indirect cost pool). Schedule of claimed expenses by element of cost as identified in accounting records (Chart of Accounts).

(C) Overhead expenses (final indirect cost pool). Schedule of claimed expenses by element of cost as identified in accounting records (Chart of Accounts) for each final indirect cost pool.

(D) Occupancy expenses (intermediate indirect cost pool). Schedule of claimed expenses by element of cost as identified in accounting records (Chart of Accounts) and expense reallocation to final indirect cost pools.

(E) Claimed allocation bases, by element of cost, used to distribute indirect costs.

(F) Facilities capital cost of money factors computation.

(G) Reconciliation of books of account (i.e., General Ledger) and claimed direct costs by major cost element.

(H) Schedule of direct costs by contract and subcontract and indirect expense applied at claimed rates, as well as a subsidiary schedule of Government participation percentages in each of the allocation base amounts.

(I) Schedule of cumulative direct and indirect costs claimed and billed by contract and subcontract.

(J) Subcontract information. Listing of subcontracts awarded to companies for which the contractor is the prime or upper-tier contractor (include prime and subcontract numbers; subcontract value and award type; amount claimed during the fiscal year; and the subcontractor name, address, and point of contact information).

(K) Summary of each time-and-materials and labor-hour contract information, including labor categories, labor rates, hours, and amounts; direct materials; other direct costs; and, indirect expense applied at claimed rates.

(L) Reconciliation of total payroll per IRS form 941 to total labor costs distribution.

(M) Listing of decisions/agreements/approvals and description of accounting/organizational changes.

(N) Certificate of final indirect costs (see 52.242-4, Certification of Final Indirect Costs).

(O) Contract closing information for contracts physically completed in this fiscal year (include contract number, period of performance, contract ceiling amounts, contract fee computations, level of effort, and indicate if the contract is ready to close).

(iv) The following supplemental information is not required to determine if a proposal is adequate, but may be required during the audit process:

(A) Comparative analysis of indirect expense pools detailed by account to prior fiscal year and budgetary data.

(B) General Organizational information and Executive compensation for the five most highly compensated executives. See 31.205-6(p). Additional salary reference information is available at [://www.whitehouse.gov/omb/procurement_index_exec_comp/](http://www.whitehouse.gov/omb/procurement_index_exec_comp/).

(C) Identification of prime contracts under which the contractor performs as a subcontractor.

(D) Description of accounting system (excludes contractors required to submit a CAS Disclosure Statement or contractors where the description of the accounting system has not changed from the previous year's submission).

(E) Procedures for identifying and excluding unallowable costs from the costs claimed and billed (excludes contractors where the procedures have not changed from the previous year's submission).

(F) Certified financial statements and other financial data (e.g., trial balance, compilation, review, etc.).

(G) Management letter from outside CPAs concerning any internal control weaknesses.

(H) Actions that have been and/or will be implemented to correct the weaknesses described in the management letter from subparagraph (G) of this section.

(I) List of all internal audit reports issued since the last disclosure of internal audit reports to the Government.

(J) Annual internal audit plan of scheduled audits to be performed in the fiscal year when the final indirect cost rate submission

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is made.

(K) Federal and State income tax returns.

(L) Securities and Exchange Commission 10-K annual report.

(M) Minutes from board of directors meetings.

(N) Listing of delay claims and termination claims submitted which contain costs relating to the subject fiscal year.

(O) Contract briefings, which generally include a synopsis of all pertinent contract provisions, such as: Contract type, contract amount, product or service(s) to be provided, contract performance period, rate ceilings, advance approval requirements, pre-contract cost allowability limitations, and billing limitations.

(v) The Contractor shall update the billings on all contracts to reflect the final settled rates and update the schedule of cumulative direct and indirect costs claimed and billed, as required in paragraph (d)(2)(iii)(I) of this section, within 60 days after settlement of final indirect cost rates.

(3) The Contractor and the appropriate Government representative shall execute a written understanding setting forth the final indirect cost rates. The understanding shall specify

(i) the agreed-upon final annual indirect cost rates,

(ii) the bases to which the rates apply,

(iii) the periods for which the rates apply,

(iv) any specific indirect cost items treated as direct costs in the settlement, and

(v) the affected contract and/or subcontract, identifying any with advance agreements or special terms and the applicable rates.

The understanding shall not change any monetary ceiling, contract obligation, or specific cost allowance or disallowance provided for in this contract. The understanding is incorporated into this contract upon execution.

(4) Failure by the parties to agree on a final annual indirect cost rate shall be a dispute within the meaning of the Disputes clause.

(5) Within 120 days (or longer period if approved in writing by the Contracting Officer) after settlement of the final annual indirect cost rates for all years of a physically complete contract, Contractor shall submit a completion invoice or voucher to reflect the settled amounts and rates. The completion invoice or voucher shall include settled subcontract amounts and rates. The prime contractor is responsible for settling subcontractor amounts and rates included in the completion invoice or voucher and providing status of subcontractor audits to the contracting officer upon request.

(6)(i) If the Contractor fails to submit a completion invoice or voucher within the time specified in paragraph (d)(5) of this clause, the Contracting Officer may--

(A) Determine the amounts due to the Contractor under the contract; and

(B) Record this determination in a unilateral modification to the contract.

(ii) This determination constitutes the final decision of the Contracting Officer in accordance with the Disputes clause.

(e) Billing rates. Until final annual indirect cost rates are established for any period, the Government shall reimburse the Contractor at billing rates established by the Contracting Officer or by an authorized representative (the cognizant auditor), subject to adjustment when the final rates are established. These billing rates --

(1) Shall be the anticipated final rates; and

(2) May be prospectively or retroactively revised by mutual agreement, at either party's request, to prevent substantial overpayment or underpayment.

(f) Quick-closeout procedures. Quick-closeout procedures are applicable when the conditions in FAR 42.708(a) are satisfied.

(g) Audit. At any time or times before final payment, the Contracting Officer may have the Contractor's invoices or vouchers and statements of cost audited. Any payment may be --

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(1) Reduced by amounts found by the Contracting Officer not to constitute allowable costs; or

(2) Adjusted for prior overpayments or underpayments.

(h) Final payment.

(1) Upon approval of a completion invoice or voucher submitted by the Contractor in accordance with paragraph (d)(5) of this clause, and upon the Contractor's compliance with all terms of this contract, the Government shall promptly pay any balance of allowable costs and that part of the fee (if any) not previously paid.

(2) The Contractor shall pay to the Government any refunds, rebates, credits, or other amounts (including interest, if any) accruing to or received by the Contractor or any assignee under this contract, to the extent that those amounts are properly allocable to costs for which the Contractor has been reimbursed by the Government. Reasonable expenses incurred by the Contractor for securing refunds, rebates, credits, or other amounts shall be allowable costs if approved by the Contracting Officer. Before final payment under this contract, the Contractor and each assignee whose assignment is in effect at the time of final payment shall execute and deliver --

(i) An assignment to the Government, in form and substance satisfactory to the Contracting Officer, of refunds, rebates, credits, or other amounts (including interest, if any) properly allocable to costs for which the Contractor has been reimbursed by the Government under this contract; and

(ii) A release discharging the Government, its officers, agents, and employees from all liabilities, obligations, and claims arising out of or under this contract, except --

(A) Specified claims stated in exact amounts, or in estimated amounts when the exact amounts are not known;

(B) Claims (including reasonable incidental expenses) based upon liabilities of the Contractor to third parties arising out of the performance of this contract; provided, that the claims are not known to the Contractor on the date of the execution of the release, and that the Contractor gives notice of the claims in writing to the Contracting Officer within 6 years following the release date or notice of final payment date, whichever is earlier; and

(C) Claims for reimbursement of costs, including reasonable incidental expenses, incurred by the Contractor under the patent clauses of this contract, excluding, however, any expenses arising from the Contractor's indemnification of the Government against patent liability.

(End of Clause)

I-154 52.216-10 INCENTIVE FEE

JUN/2011

(a) General. The Government shall pay the Contractor for performing this contract a fee determined as provided in this contract.

(b) Target cost and target fee. The target cost and target fee specified in the Schedule are subject to adjustment if the contract is modified in accordance with paragraph (d) of this clause.

(1) Target cost, as used in this contract, means the estimated cost of this contract as initially negotiated, adjusted in accordance with paragraph (d) below.

(2) Target fee, as used in this contract, means the fee initially negotiated on the assumption that this contract would be performed for a cost equal to the estimated cost initially negotiated, adjusted in accordance with paragraph (d) of this clause.

(c) Withholding of payment. (1) Normally, the Government shall pay the fee to the Contractor as specified in the Schedule. However, when the Contracting Officer considers that performance or cost indicates that the Contractor will not achieve target, the Government shall pay on the basis of an appropriate lesser fee. When the Contractor demonstrates that performance or cost clearly indicates that the Contractor will earn a fee significantly above the target fee, the Government may, at the sole discretion of the Contracting Officer, pay on the basis of an appropriate higher fee.

(2) Payment of the incentive fee shall be made as specified in the Schedule; provided that the Contracting Officer withholds a reserve not to exceed 15 percent of the total incentive fee or \$100,000, whichever is less, to protect the Government's interest. The Contracting Officer shall release 75 percent of all fee withholds under this contract after receipt of an adequate certified final indirect cost rate proposal covering the year of physical completion of this contract, provided the Contractor has satisfied all other contract terms and conditions, including the submission of the final patent and royalty reports, and is not delinquent in submitting final vouchers on prior years' settlements. The Contracting Officer may release up to 90 percent of the fee withholds under this contract based on the Contractor's past performance related to the submission and settlement of final indirect cost rate proposals.

(d) Equitable adjustments. When the work under this contract is increased or decreased by a modification to this contract or when any equitable adjustment in the target cost is authorized under any other clause, equitable adjustments in the target cost, target fee, minimum fee, and maximum fee, as appropriate, shall be stated in a supplemental agreement to this contract.

(e) Fee payable.

(1) The fee payable under this contract shall be the target fee increased by 40 cents for every dollar that the total allowable cost

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is less than the target cost or decreased by 15 cents for every dollar that the total allowable cost exceeds the target cost. In no event shall the fee be greater than 12.75 percent or less than 5 percent of the target cost.

(2) The fee shall be subject to adjustment, to the extent provided in paragraph (d) of this clause, and within the minimum and maximum fee limitations in paragraph (e)(1) of this clause, when the total allowable cost is increased or decreased as a consequence of --

(i) Payments made under assignments; or

(ii) Claims excepted from the release as required by paragraph (h)(2) of the Allowable Cost and Payment clause.

(3) If this contract is terminated in its entirety, the portion of the target fee payable shall not be subject to an increase or decrease as provided in this paragraph. The termination shall be accomplished in accordance with other applicable clauses of this contract.

(4) For the purpose of fee adjustment, total allowable cost shall not include allowable costs arising out of --

(i) Any of the causes covered by the Excusable Delays clause to the extent that they are beyond the control and without the fault or negligence of the Contractor or any subcontractor;

(ii) The taking effect, after negotiating the target cost, of a statute, court decision, written ruling, or regulation that results in the Contractors being required to pay or bear the burden of any tax or duty or rate increase in a tax or duty;

(iii) Any direct cost attributed to the Contractors involvement in litigation as required by the Contracting Officer pursuant to a clause of this contract, including furnishing evidence and information requested pursuant to the Notice and Assistance Regarding Patent and Copyright Infringement clause;

(iv) The purchase and maintenance of additional insurance not in the target cost and required by the Contracting Officer, or claims for reimbursement for liabilities to third persons pursuant to the Insurance Liability to Third Persons clause;

(v) Any claim, loss, or damage resulting from a risk for which the Contractor has been relieved of liability by the Government Property clause; or

(vi) Any claim, loss, or damage resulting from a risk defined in the contract as unusually hazardous or as a nuclear risk and against which the Government has expressly agreed to indemnify the Contractor.

(5) All other allowable costs are included in total allowable cost for fee adjustment in accordance with this paragraph (e), unless otherwise specifically provided in this contract.

(f) Contract modification. The total allowable cost and the adjusted fee determined as provided in this clause shall be evidenced by a modification to this contract signed by the Contractor and Contracting Officer.

(g) Inconsistencies. In the event of any language inconsistencies between this clause and provisioning documents or Government options under this contract, compensation for spare parts or other supplies and services ordered under such documents shall be determined in accordance with this clause.

(End of Clause)

I-155 52.229-8 TAXES--FOREIGN COST-REIMBURSEMENT CONTRACTS MAR/1990

(a) Any tax or duty from which the United States Government is exempt by agreement with the Government of Canada, or from which the Contractor or any subcontractor under this contract is exempt under the laws of Canada, shall not constitute an allowable cost under this contract.

(b) If the Contractor or subcontractor under this contract obtains a foreign tax credit that reduces its Federal income tax liability under the United States Internal Revenue Code (Title 26, U.S. Code) because of the payment of any tax or duty that was reimbursed under this contract, the amount of the reduction shall be paid or credited at the time of such offset to the Government of the United States as the Contracting Officer directs.

(End of Clause)

I-156 52.243-7 NOTIFICATION OF CHANGES APR/1984

(a) Definitions. Contracting Officer, as used in this clause, does not include any representative of the Contracting Officer.

Specifically Authorized Representative (SAR), as used in this clause, means any person the Contracting Officer has so designated by written notice (a copy of which shall be provided to the Contractor) which shall refer to this subparagraph and shall be issued to the designated representative before the SAR exercises such authority.

(b) Notice. The primary purpose of this clause is to obtain prompt reporting of Government conduct that the Contractor considers to constitute a change to this contract. Except for changes identified as such in writing and signed by the Contracting Officer, the Contractor shall notify the Administrative Contracting Officer in writing promptly, within 30 calendar days from the date that the Contractor identifies any Government conduct (including actions, inactions, and written or oral communications) that the Contractor regards as a change to the contract terms and conditions. On the basis of the most accurate information available to the Contractor, the notice shall state --

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- (1) The date, nature, and circumstances of the conduct regarded as a change;
- (2) The name, function, and activity of each Government individual and Contractor official or employee involved in or knowledgeable about such conduct;
- (3) The identification of any documents and the substance of any oral communication involved in such conduct;
- (4) In the instance of alleged acceleration of scheduled performance or delivery, the basis upon which it arose;
- (5) The particular elements of contract performance for which the Contractor may seek an equitable adjustment under this clause, including --
- (i) What contract line items have been or may be affected by the alleged change;
- (ii) What labor or materials or both have been or may be added, deleted, or wasted by the alleged change;
- (iii) To the extent practicable, what delay and disruption in the manner and sequence of performance and effect on continued performance have been or may be caused by the alleged change;
- (iv) What adjustments to contract price, delivery schedule, and other provisions affected by the alleged change are estimated; and
- (6) The Contractors estimate of the time by which the Government must respond to the Contractors notice to minimize cost, delay or disruption of performance.
- (c) Continued performance. Following submission of the notice required by paragraph (b) of this clause, the Contractor shall diligently continue performance of this contract to the maximum extent possible in accordance with its terms and conditions as construed by the Contractor, unless the notice reports a direction of the Contracting Officer or a communication from a SAR of the Contracting Officer, in either of which events the Contractor shall continue performance; provided, however, that if the Contractor regards the direction or communication as a change as described in paragraph (b) of this clause, notice shall be given in the manner provided. All directions, communications, interpretations, orders and similar actions of the SAR shall be reduced to writing promptly and copies furnished to the Contractor and to the Contracting Officer. The Contracting Officer shall promptly countermand any action which exceeds the authority of the SAR.
- (d) Government response. The Contracting Officer shall promptly, within 30 calendar days after receipt of notice, respond to the notice in writing. In responding, the Contracting Officer shall either --
- (1) Confirm that the conduct of which the Contractor gave notice constitutes a change and when necessary direct the mode of further performance;
- (2) Countermand any communication regarded as a change;
- (3) Deny that the conduct of which the Contractor gave notice constitutes a change and when necessary direct the mode of further performance; or
- (4) In the event the Contractors notice information is inadequate to make a decision under subparagraphs (d)(1), (2), or (3) of this clause, advise the Contractor what additional information is required, and establish the date by which it should be furnished and the date thereafter by which the Government will respond.
- (e) Equitable adjustments.
- (1) If the Contracting Officer confirms that Government conduct effected a change as alleged by the Contractor, and the conduct causes an increase or decrease in the Contractors cost of, or the time required for, performance of any part of the work under this contract, whether changed or not changed by such conduct, an equitable adjustment shall be made --
- (i) In the contract price or delivery schedule or both; and
- (ii) In such other provisions of the contract as may be affected.
- (2) The contract shall be modified in writing accordingly. In the case of drawings, designs or specifications which are defective and for which the Government is responsible, the equitable adjustment shall include the cost and time extension for delay reasonably incurred by the Contractor in attempting to comply with the defective drawings, designs or specifications before the Contractor identified, or reasonably should have identified, such defect. When the cost of property made obsolete or excess as a result of a change confirmed by the Contracting Officer under this clause is included in the equitable adjustment, the Contracting Officer shall have the right to prescribe the manner of disposition of the property. The equitable adjustment shall not include increased costs or time extensions for delay resulting from the Contractors failure to provide notice or to continue performance as provided, respectively, in

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paragraphs (b) and (c) of this clause.

NOTE: The phrases contract price and cost wherever they appear in the clause, may be appropriately modified to apply to cost-reimbursement or incentive contracts, or to combinations thereof.

(End of Clause)

I-157 52.244-2 SUBCONTRACTS OCT/2010

(a) Definitions. As used in this clause

Approved purchasing system means a Contractors purchasing system that has been reviewed and approved in accordance with Part 44 of the Federal Acquisition Regulation (FAR)

Consent to subcontract means the Contracting Officers written consent for the Contractor to enter into a particular subcontract.

Subcontract means any contract, as defined in FAR Subpart 2.1, entered into by a subcontractor to furnish supplies or services for performance of the prime contract or a subcontract. It includes, but is not limited to, purchase orders, and changes and modifications to purchase orders.

(b) When this clause is included in a fixed-price type contract, consent to subcontract is required only on unpriced contract actions (including unpriced modifications or unpriced delivery orders), and only if required in accordance with paragraph (c) or (d) or this clause.

(c) If the contractor does not have an approved purchasing system, consent to subcontract is required for any subcontract that--

- (1) Is of the cost-reimbursement, time-and-materials, or labor-hour type; or
- (2) Is fixed-price and exceeds

(i) For a contract awarded by the Department of Defense, the Coast Guard, or the national Aeronautics and Space Administration, the greater of the simplified acquisition threshold or 5 percent of the total estimated cost of the contract; or

(ii) For contracts awarded by a civilian agency other than the Coast Guard and the National Aeronautics and Space Administration, either the simplified acquisition threshold or 5 percent of the total estimated cost of the contract.

(d) If the Contractor has an approved purchasing system, the Contractor nevertheless shall obtain the Contracting Officers written consent before placing the subcontracts.

(e)(1) The Contractor shall notify the Contracting Officer reasonably in advance of placing any subcontract or modification thereof for which consent is required under paragraph (b), (c), or (d) of this clause, including the following information:

- (i) A description of the supplies or services to be subcontracted.
- (ii) Identification of the type of subcontract to be used.
- (iii) Identification of the proposed subcontractor.
- (iv) The proposed subcontract price.
- (v) The subcontractors current, complete, and accurate certified cost or pricing data and Certificate of Current Cost or Pricing Data, if required by other contract provisions.
- (vi) The subcontractors Disclosure Statement or Certificate relating to Cost Accounting Standards when such data are required by other provisions of this contract.
- (vii) A negotiation memorandum reflecting --
 - (A) The principal elements of the subcontract price negotiations;
 - (B) The most significant considerations controlling establishment of initial or revised prices;

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(C) The reason certified cost or pricing data were or were not required;

(D) The extent, if any, to which the Contractor did not rely on the subcontractors certified cost or pricing data in determining the price objective and in negotiating the final price;

(E) The extent to which it was recognized in the negotiation that the subcontractors certified cost or pricing data were not accurate, complete, or current; the action taken by the Contractor and the subcontractor; and the effect of any such defective data on the total price negotiated;

(F) The reasons for any significant difference between the Contractors price objective and the price negotiated; and

(G) A complete explanation of the incentive fee or profit plan when incentives are used. The explanation shall identify each critical performance element, management decisions used to quantify each incentive element, reasons for the incentives, and a summary of all trade-off possibilities considered.

(2) The Contractor is not required to notify the Contracting Officer in advance of entering into any subcontract for which consent is not required under paragraph (c), (d), or (e) or this clause.

(f) Unless the consent or approval specifically provides otherwise, neither consent by the Contracting Officer to any subcontract nor approval of the Contractors purchasing system shall constitute a determination --

(1) Of the acceptability of any subcontract terms or conditions;

(2) Of the allowability of any cost under this contract; or

(3) To relieve the Contractor of any responsibility for performing this contract.

(g) No subcontract or modification thereof placed under this contract shall provide for payment on a cost-plus-a-percentage-of-cost basis, and any fee payable under cost-reimbursement type subcontracts shall not exceed the fee limitations in FAR 15.404-4(c)(4)(i).

(h) The Contractor shall give the Contracting Officer immediate written notice of any action or suit filed and prompt notice of any claim made against the Contractor by any subcontractor or vendor that, in the opinion of the Contractor, may result in litigation related in any way to this contract, with respect to which the Contractor may be entitled to reimbursement from the Government.

(i) The Government reserves the right to review the Contractors purchasing system as set forth in FAR Subpart 44.3.i

(j) Paragraphs (c) and (e) of this clause do not apply to the following subcontracts, which were evaluated during negotiations: TBD

I-158 52.247-1 COMMERCIAL BILL OF LADING NOTATIONS FEB/2006

When the Contracting Officer authorizes supplies to be shipped on a commercial bill of lading and the Contractor will be reimbursed these transportation costs as direct allowable costs, the Contractor shall ensure before shipment is made that the commercial shipping documents are annotated with either of the following notations, as appropriate:

(a) If the Government is shown as the consignor or the consignee, the annotation shall be:

Transportation is for the Department of Defense and the actual total transportation charges paid to the carrier(s) by the consignor or consignee are assignable to, and shall be reimbursed by, the Government.

(b) If the Government is not shown as the consignor or the consignee, the annotation shall be:

Transportation is for the Department of Defense and the actual total transportation charges paid to the carrier(s) by the consignor or consignee shall be reimbursed by the Government, pursuant to cost-reimbursement contract No. N/A. This may be confirmed by contacting the DCMA Office identified on page one of this document.

(End of Clause)

I-159 252.203-7004 DISPLAY OF FRAUD HOTLINE POSTER(S) DEC/2012

(a) Definition. United States, as used in this clause, means the 50 States, the District of Columbia, and outlying areas.

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(b) Display of fraud hotline poster(s).

(1) The Contractor shall display prominently in common work areas within business segments performing work in the United States under Department of Defense (DoD) contracts DoD hotline posters prepared by the DoD Office of the Inspector General. DoD hotline posters may be obtained via the Internet at http://www.dodig.mil/HOTLINE/hotline_posters.htm.

(2) If the contract is funded, in whole or in part, by Department of Homeland Security (DHS) disaster relief funds, the DHS fraud hotline poster shall be displayed in addition to the DoD fraud hotline poster. If a display of a DHS fraud hotline poster is required, the Contractor may obtain such poster from: N/A

(3) Additionally, if the Contractor maintains a company website as a method of providing information to employees, the Contractor shall display an electronic version of the poster(s) at the website.

(c) Subcontracts. The Contractor shall include the substance of this clause, including this paragraph (c), in all subcontracts that exceed \$5 million except when the subcontract--

(1) Is for the acquisition of a commercial item; or

(2) Is performed entirely outside the United States.

(End of clause)

I-160 252.204-7010 REQUIREMENT FOR CONTRACTOR TO NOTIFY DOD IF THE CONTRACTOR'S JAN/2009
ACTIVITIES ARE SUBJECT TO REPORTING UNDER THE U.S.-INTERNATIONAL
ATOMIC ENERGY AGENCY ADDITIONAL PROTOCOL

(a) If the Contractor is required to report any of its activities in accordance with Department of Commerce regulations (15 CFR Part 781 et seq.) or Nuclear Regulatory Commission regulations (10 CFR Part 75) in order to implement the declarations required by the U.S.-International Atomic Energy Agency Additional Protocol (U.S.-IAEA AP), the Contractor shall

(1) Immediately provide written notification to the following DoD Program Manager:

PM-SBCT

(2) Include in the notification

(i) Where DoD contract activities or information are located relative to the activities or information to be declared to the Department of Commerce or the Nuclear Regulatory Commission; and

(ii) If or when any current or former DoD contract activities and the activities to be declared to the Department of Commerce or the Nuclear Regulatory Commission have been or will be co-located or located near enough to one another to result in disclosure of the DoD activities during an IAEA inspection or visit; and

(3) Provide a copy of the notification to the Contracting Officer.

(b) After receipt of a notification submitted in accordance with paragraph (a) of this clause, the DoD Program Manager will

(1) Conduct a security assessment to determine if and by what means access may be granted to the IAEA; or

(2) Provide written justification to the component or agency treaty office for a national security exclusion, in accordance with DoD Instruction 2060.03, Application of the National Security Exclusion to the Agreements Between the United States of America and the International Atomic Energy Agency for the Application of Safeguards in the United States of America. DoD will notify the Contractor if a national security exclusion is applied at the Contractors location to prohibit access by the IAEA.

(c) If the DoD Program Manager determines that a security assessment is required

(1) DoD will, at a minimum

(i) Notify the Contractor that DoD officials intend to conduct an assessment of vulnerabilities to IAEA inspections or visits;

(ii) Notify the Contractor of the time at which the assessment will be conducted, at least 30 days prior to the assessment;

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(iii) Provide the Contractor with advance notice of the credentials of the DoD officials who will conduct the assessment; and

(iv) To the maximum extent practicable, conduct the assessment in a manner that does not impede or delay operations at the Contractors facility; and

(2) The Contractor shall provide access to the site and shall cooperate with DoD officials in the assessment of vulnerabilities to IAEA inspections or visits.

(d) Following a security assessment of the Contractors facility, DoD officials will notify the Contractor as to

(1) Whether the Contractors facility has any vulnerabilities where potentially declarable activities under the U.S.-IAEA AP are taking place;

(2) Whether additional security measures are needed; and

(3) Whether DoD will apply a national security exclusion.

(e) If DoD applies a national security exclusion, the Contractor shall not grant access to IAEA inspectors.

(f) If DoD does not apply a national security exclusion, the Contractor shall apply managed access to prevent disclosure of program activities, locations, or information in the U.S. declaration.

(g) The Contractor shall not delay submission of any reports required by the Department of Commerce or the Nuclear Regulatory Commission while awaiting a DoD response to a notification provided in accordance with this clause.

(h) The Contractor shall incorporate the substance of this clause, including this paragraph (h), in all subcontracts that are subject to the provisions of the U.S.-IAEA AP.

(End of clause)

I-161 252.234-7002 EARNED VALUE MANAGEMENT SYSTEM

MAY/2011

(a) Definitions. As used in this clause--

Acceptable earned value management system means an earned value management system that generally complies with system criteria in paragraph (b) of this clause.

Earned value management system means an earned value management system that complies with the earned value management system guidelines in the ANSI/EIA-748.

Significant deficiency means a shortcoming in the system that materially affects the ability of officials of the Department of Defense to rely upon information produced by the system that is needed for management purposes.

(b) System criteria. In the performance of this contract, the Contractor shall use--

(1) An Earned Value Management System (EVMS) that complies with the EVMS guidelines in the American National Standards Institute/Electronic Industries Alliance Standard 748, Earned Value Management Systems (ANSI/EIA-748); and

(2) Management procedures that provide for generation of timely, reliable, and verifiable information for the Contract Performance Report (CPR) and the Integrated Master Schedule (IMS) required by the CPR and IMS data items of this contract.

(c) If this contract has a value of \$50 million or more, the Contractor shall use an EVMS that has been determined to be acceptable by the Cognizant Federal Agency (CFA). If, at the time of award, the Contractor's EVMS has not been determined by the CFA to be in compliance with the EVMS guidelines as stated in paragraph (b)(1) of this clause, the Contractor shall apply its current system to the contract and shall take necessary actions to meet the milestones in the Contractor's EVMS plan.

(d) If this contract has a value of less than \$50 million, the Government will not make a formal determination that the Contractor's EVMS complies with the EVMS guidelines in ANSI/EIA-748 with respect to the contract. The use of the Contractor's EVMS for this contract does not imply a Government determination of the Contractor's compliance with the EVMS guidelines in ANSI/EIA-748 for application to future contracts. The Government will allow the use of a Contractor's EVMS that has been formally reviewed and determined by the CFA to be in compliance with the EVMS guidelines in ANSI/EIA-748.

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(e) The Contractor shall submit notification of any proposed substantive changes to the EVMS procedures and the impact of those changes to the CFA. If this contract has a value of \$50 million or more, unless a waiver is granted by the CFA, any EVMS changes proposed by the Contractor require approval of the CFA prior to implementation. The CFA will advise the Contractor of the acceptability of such changes as soon as practicable (generally within 30 calendar days) after receipt of the Contractor's notice of proposed changes. If the CFA waives the advance approval requirements, the Contractor shall disclose EVMS changes to the CFA at least 14 calendar days prior to the effective date of implementation.

(f) The Government will schedule integrated baseline reviews as early as practicable, and the review process will be conducted not later than 180 calendar days after--

- (1) Contract award;
- (2) The exercise of significant contract options; and
- (3) The incorporation of major modifications.

During such reviews, the Government and the Contractor will jointly assess the Contractor's baseline to be used for performance measurement to ensure complete coverage of the statement of work, logical scheduling of the work activities, adequate resourcing, and identification of inherent risks.

(g) The Contractor shall provide access to all pertinent records and data requested by the Contracting Officer or duly authorized representative as necessary to permit Government surveillance to ensure that the EVMS complies, and continues to comply, with the performance criteria referenced in paragraph (b) of this clause.

(h) When indicated by contract performance, the Contractor shall submit a request for approval to initiate an over-target baseline or over-target schedule to the Contracting Officer. The request shall include a top-level projection of cost and/or schedule growth, a determination of whether or not performance variances will be retained, and a schedule of implementation for the rebaselining. The Government will acknowledge receipt of the request in a timely manner (generally within 30 calendar days).

(i) Significant deficiencies. (1) The Contracting Officer will provide an initial determination to the Contractor, in writing, on any significant deficiencies. The initial determination will describe the deficiency in sufficient detail to allow the Contractor to understand the deficiency.

(2) The Contractor shall respond within 30 days to a written initial determination from the Contracting Officer that identifies significant deficiencies in the Contractor's EVMS. If the Contractor disagrees with the initial determination, the Contractor shall state, in writing, its rationale for disagreeing.

(3) The Contracting Officer will evaluate the Contractor's response and notify the Contractor, in writing, of the Contracting Officer's final determination concerning--

- (i) Remaining significant deficiencies;
- (ii) The adequacy of any proposed or completed corrective action;
- (iii) System noncompliance, when the Contractor's existing EVMS fails to comply with the earned value management system guidelines in the ANSI/EIA-748; and
- (iv) System disapproval, if initial EVMS validation is not successfully completed within the timeframe approved by the Contracting Officer, or if the Contracting Officer determines that the Contractor's earned value management system contains one or more significant deficiencies in high-risk guidelines in ANSI/EIA-748 standards (guidelines 1, 3, 6, 7, 8, 9, 10, 12, 16, 21, 23, 26, 27, 28, 30, or 32). When the Contracting Officer determines that the existing earned value management system contains one or more significant deficiencies in one or more of the remaining 16 guidelines in ANSI/EIA-748 standards, the contracting officer will use discretion to disapprove the system based on input received from functional specialists and the auditor.

(4) If the Contractor receives the Contracting Officer's final determination of significant deficiencies, the Contractor shall, within 45 days of receipt of the final determination, either correct the significant deficiencies or submit an acceptable corrective action plan showing milestones and actions to eliminate the significant deficiencies.

(j) Withholding payments. If the Contracting Officer makes a final determination to disapprove the Contractor's EVMS, and the contract includes the clause at 252.242-7005, Contractor Business Systems, the Contracting Officer will withhold payments in accordance with that clause.

(k) With the exception of paragraphs (i) and (j) of this clause, the Contractor shall require its subcontractors to comply with EVMS

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requirements as follows:

(1) For subcontracts valued at \$50 million or more, the following subcontractors shall comply with the requirements of this clause:

Any subcontract valued at \$50 million or more.

(2) For subcontracts valued at less than \$50 million, the following subcontractors shall comply with the requirements of this clause, excluding the requirements of paragraph (c) of this clause:

Any subcontract valued at \$20 million or more.

(End of clause)

I-162 252.235-7010 ACKNOWLEDGMENT OF SUPPORT AND DISCLAIMER MAY/1995

(a) The Contractor shall include an acknowledgment of the Governments support in the publication of any material based on or developed under this contract, stated in the following terms: This material is based upon work supported by the PM-SBCT under Contract No. W56HZV-14-C-B019.

(b) All material, except scientific articles or papers published in scientific journals, must, in addition to any notices or disclaimers by the Contractor, also contain the following disclaimer: Any opinions, findings and conclusions or recommendations expressed in this material are those of the author(s) and do not necessarily reflect the views of the PM-SBCT.

(End of clause)

I-163 52.215-19 NOTIFICATION OF OWNERSHIP CHANGES OCT/1997

(a) The Contractor shall make the following notifications in writing:

(1) When the Contractor becomes aware that a change in its ownership has occurred, or is certain to occur, that could result in changes in the valuation of its capitalized assets in the accounting records, the Contractor shall notify the Administrative Contracting Officer (ACO) within 30 days.

(2) The Contractor shall also notify the ACO within 30 days whenever changes to asset valuations or any other cost changes have occurred or are certain to occur as a result of a change in ownership.

(b) The Contractor shall --

(1) Maintain current, accurate, and complete inventory records of assets and their costs;

(2) Provide the ACO or designated representative ready access to the records upon request;

(3) Ensure that all individual and grouped assets, their capitalized values, accumulated depreciation or amortization, and remaining useful lives are identified accurately before and after each of the Contractors ownership changes; and

(4) Retain and continue to maintain depreciation and amortization schedules based on the asset records maintained before each Contractor ownership change.

(c) The Contractor shall include the substance of this clause in all subcontracts under this contract that meet the applicability requirement of FAR 15.408(k).

(End of Clause)

I-164 52.219-28 POST-AWARD SMALL BUSINESS PROGRAM REREPRESENTATION JUL/2013

(a) Definitions. As used in this clause--

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"Long-term contract" means a contract of more than five years in duration, including options. However, the term does not include contracts that exceed five years in duration because the period of performance has been extended for a cumulative period not to exceed six months under the clause at 52.217-8, Option to Extend Services, or other appropriate authority.

"Small business concern" means a concern, including its affiliates, that is independently owned and operated, not dominant in the field of operation in which it is bidding on Government contracts, and qualified as a small business under the criteria in 13 CFR part 121 and the size standard in paragraph (c) of this clause. Such a concern is "not dominant in its field of operation" when it does not exercise a controlling or major influence on a national basis in a kind of business activity in which a number of business concerns are primarily engaged. In determining whether dominance exists, consideration shall be given to all appropriate factors, including volume of business, number of employees, financial resources, competitive status or position, ownership or control of materials, processes, patents, license agreements, facilities, sales territory, and nature of business activity.

(b) If the Contractor represented that it was a small business concern prior to award of this contract, the Contractor shall rerepresent its size status according to paragraph (e) of this clause or, if applicable, paragraph (g) of this clause, upon the occurrence of any of the following:

(1) Within 30 days after execution of a novation agreement or within 30 days after modification of the contract to include this clause, if the novation agreement was executed prior to inclusion of this clause in the contract.

(2) Within 30 days after a merger or acquisition that does not require a novation or within 30 days after modification of the contract to include this clause, if the merger or acquisition occurred prior to inclusion of this clause in the contract.

(3) For long-term contracts

(i) Within 60 to 120 days prior to the end of the fifth year of the contract; and

(ii) Within 60 to 120 days prior to the date specified in the contract for exercising any option thereafter.

(c) The Contractor shall rerepresent its size status in accordance with the size standard in effect at the time of this rerepresentation that corresponds to the North American Industry Classification System (NAICS) code assigned to this contract. The small business size standard corresponding to this NAICS code can be found at <http://www.sba.gov/content/table-small-business-size-standards>

(d) The small business size standard for a Contractor providing a product which it does not manufacture itself, for a contract other than a construction or service contract, is 500 employees.

(e) Except as provided in paragraph (g) of this clause, the Contractor shall make the representation required by paragraph (b) of this clause by validating or updating all its representations in the Representations and Certifications section of the System for Award Management (SAM) and its other data in SAM, as necessary, to ensure that they reflect the Contractor's current status. The Contractor shall notify the contracting office in writing within the timeframes specified in paragraph (b) of this clause that the data have been validated or updated, and provide the date of the validation or update.

(f) If the Contractor represented that it was other than a small business concern prior to award of this contract, the Contractor may, but is not required to, take the actions required by paragraphs (e) or (g) of this clause.

(g) If the Contractor does not have representations and certifications in SAM, or does not have a representation in SAM for the NAICS code applicable to this contract, the Contractor is required to complete the following rerepresentation and submit it to the contracting office, along with the contract number and the date on which the rerepresentation was completed:

The Contractor represents that it [] is, [X] is not a small business concern under NAICS Code 336992 assigned to contract number W56HZV14CB019. [Contractor to sign and date and insert authorized signer's name and title].

(End of clause)

(a) Hazardous material, as used in this clause, includes any material defined as hazardous under the latest version of Federal Standard No. 313 (including revisions adopted during the term of the contract).

(b) The offeror must list any hazardous material, as defined in paragraph (a) of this clause, to be delivered under this contract. The hazardous material shall be properly identified and include any applicable identification number, such as National Stock Number or

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Special Item Number. This information shall also be included on the Material Safety Data Sheet submitted under this contract.

Material Identification No.
(If none, insert None)

NONE

(c) This list must be updated during performance of the contract whenever the Contractor determines that any other material to be delivered under this contract is hazardous.

(d) The apparently successful offeror agrees to submit, for each item as required prior to award, a Material Safety Data Sheet, meeting the requirements of 29 CFR 1910.1200(g) and the latest version of Federal Standard No. 313, for all hazardous material identified in paragraph (b) of this clause. Data shall be submitted in accordance with Federal Standard No. 313, whether or not the apparently successful offeror is the actual manufacturer of these items. Failure to submit the Material Safety Data Sheet prior to award may result in the apparently successful offeror being considered nonresponsible and ineligible for award.

(e) If, after award, there is a change in the composition of the item(s) or a revision to Federal Standard No. 313, which renders incomplete or inaccurate the data submitted under paragraph (d) of this clause, the Contractor shall promptly notify the Contracting Officer and resubmit the data.

(f) Neither the requirements of this clause nor any act or failure to act by the Government shall relieve the Contractor of any responsibility or liability for the safety of Government, Contractor, or subcontractor personnel or property.

(g) Nothing contained in this clause shall relieve the Contractor from complying with applicable Federal, State, and local laws, codes, ordinances, and regulations (including the obtaining of licenses and permits) in connection with hazardous material.

(h) The Government's rights in data furnished under this contract with respect to hazardous material are as follows:

(1) To use, duplicate and disclose any data to which this clause is applicable. The purposes of this right are to --

(i) Apprise personnel of the hazards to which they may be exposed in using, handling, packaging, transporting, or disposing of hazardous materials;

(ii) Obtain medical treatment for those affected by the material; and

(iii) Have others use, duplicate, and disclose the data for the Government for these purposes.

(2) To use, duplicate, and disclose data furnished under this clause, in accordance with subparagraph (h)(1) of this clause, in precedence over any other clause of this contract providing for rights in data.

(3) The Government is not precluded from using similar or identical data acquired from other sources.

(End of Clause)

I-166 52.223-11 OZONE-DEPLETING SUBSTANCES MAY/2001

(a) Definition. Ozone-depleting substance, as used in this clause, means any substance the Environmental Protection Agency designates in 40 CFR Part 82 as--

(1) Class I, including, but not limited to, chlorofluorocarbons, halons, carbon tetrachloride, and methyl chloroform; or

(2) Class II, including, but not limited to hydrochlorofluorocarbons.

(b) The Contractor shall label products which contain or are manufactured with ozone-depleting substances in the manner and to the extent required by 42 U.S.C. 7671j (b), (c), and (d) and 40 CFR Part 82, Subpart E, as follows:

Warning

Contains (or manufactured with, if applicable) * _____, a substance(s) which harm(s) public health and environment by destroying ozone in the upper atmosphere.

* The Contractor shall insert the name of the substance(s).

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(End of Clause)

I-167

52.230-2

COST ACCOUNTING STANDARDS

MAY/2012

(a) Unless the contract is exempt under 48 CFR 9903.201-1 and 9903.201-2, the provisions of 48 CFR Part 9903 are incorporated herein by reference and the Contractor, in connection with this contract, shall

(1) (CAS-covered Contracts Only) By submission of a Disclosure Statement, disclose in writing the Contractors cost accounting practices as required by 48 CFR 9903.202-1 through 9903.202-5, including methods of distinguishing direct costs from indirect costs and the basis used for allocating indirect costs. The practices disclosed for this contract shall be the same as the practices currently disclosed and applied on all other contracts and subcontracts being performed by the Contractor and which contain a Cost Accounting Standards (CAS) clause. If the Contractor has notified the Contracting Officer that the Disclosure Statement contains trade secrets and commercial or financial information which is privileged and confidential, the Disclosure Statement shall be protected and shall not be released outside of the Government.

(2) Follow consistently the Contractors cost accounting practices in accumulating and reporting contract performance cost data concerning this contract. If any change in cost accounting practices is made for the purposes of any contract or subcontract subject to CAS requirements, the change must be applied prospectively to this contract and the Disclosure Statement must be amended accordingly. If the contract price or cost allowance of this contract is affected by such changes, adjustment shall be made in accordance with paragraph (a)(4) or (a)(5) of this clause, as appropriate.

(3) Comply with all CAS, including any modifications and interpretations indicated thereto contained in 48 CFR Part 9904, in effect on the date of award of this contract or, if the Contractor has submitted certified cost or pricing data, on the date of final agreement on price as shown on the Contractors signed certificate of current cost or pricing data. The Contractor shall also comply with any CAS (or modifications to CAS) which hereafter become applicable to a contract or subcontract of the Contractor. Such compliance shall be required prospectively from the date of applicability to such contract or subcontract.

(4)(i) (Agree to an equitable adjustment as provided in the Changes clause of this contract if the contract cost is affected by a change which, pursuant to paragraph (a)(3) of this clause, the Contractor is required to make to the Contractors established cost accounting practices.

(ii) Negotiate with the Contracting Officer to determine the terms and conditions under which a change may be made to a cost accounting practice, other than a change made under other provisions of paragraph (a)(4) of this clause; provided that no agreement may be made under this provision that will increase costs paid by the United States.

(iii) When the parties agree to a change to a cost accounting practice, other than a change under subdivision (a)(4)(i) of this clause, negotiate an equitable adjustment as provided in the Changes clause of this contract.

(5) Agree to an adjustment of the contract price or cost allowance, as appropriate, if the Contractor or a subcontractor fails to comply with an applicable Cost Accounting Standard, or to follow any cost accounting practice consistently and such failure results in any increased costs paid by the United States. Such adjustment shall provide for recovery of the increased costs to the United States, together with interest thereon computed at the annual rate established under section 6621(a)(2) of the Internal Revenue Code of 1986 (26 U.S.C. 6621(a)(2)) for such period, from the time the payment by the United States was made to the time the adjustment is effected. In no case shall the Government recover costs greater than the increased cost to the Government, in the aggregate, on the relevant contracts subject to the price adjustment, unless the Contractor made a change in its cost accounting practices of which it was aware or should have been aware at the time of price negotiations and which it failed to disclose to the Government.

(b) If the parties fail to agree whether the Contractor or a subcontractor has complied with an applicable CAS in 48 CFR 9904 or a CAS rule or regulation in 48 CFR 9903 and as to any cost adjustment demanded by the United States, such failure to agree will constitute a dispute under the Contract Disputes Act (41 U.S.C. 601).

(c) The Contractor shall permit any authorized representatives of the Government to examine and make copies of any documents, papers, or records relating to compliance with the requirements of this clause.

(d) The Contractor shall include in all negotiated subcontracts which the Contractor enters into, the substance of this clause, except paragraph (b), and shall require such inclusion in all other subcontracts, of any tier, including the obligation to comply with all CAS in effect on the subcontractors award date or if the subcontractor has submitted certified cost or pricing data, on the date of final agreement on price as shown on the subcontractors signed Certificate of Current Cost or Pricing Data. If the subcontract is awarded to a business unit which pursuant to 48 CFR 9903.201-2 is subject to other types of CAS coverage, the substance of the applicable clause set forth in subsection 30.201-4 of the Federal Acquisition Regulation shall be inserted. This requirement shall apply only to negotiated subcontracts in excess of \$700,000, except that the requirement shall not apply to negotiated subcontracts otherwise exempt from the requirement to include a CAS clause as specified in 48 CFR 9903.201-1.

(End of clause)

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I-168 52.232-99 PROVIDING ACCELERATED PAYMENT TO SMALL BUSINESS SUBCONTRACTORS (DEV AUG/2012
 (DEV 2012- 2012-00014)
 00014)

This clause implements the temporary policy provided by OMB Policy Memorandum M-12-16, Providing Prompt Payment to Small Business Subcontractors, dated July 11, 2012.

(a) Upon receipt of accelerated payments from the Government, the contractor is required to make accelerated payments to small business subcontractors to the maximum extent practicable after receipt of a proper invoice and all proper documentation from the small business subcontractor.

(b) Include the substance of this clause, including this paragraph (b), in all subcontracts with small business concerns.

(c) The acceleration of payments under this clause does not provide any new rights under the Prompt Payment Act.

(End of clause)

I-169 52.252-2 CLAUSES INCORPORATED BY REFERENCE FEB/1998

This contract incorporates one or more clauses by reference, with the same force and effect as if they were given in full text. Upon request, the Contracting Officer will make their full text available. Also, the full text of a clause may be accessed electronically at this/these address:

<http://www.acq.osd.mil/dpap/dars/far.html> or <http://www.acq.osd.mil/dpap/dars/index.htm> or
<http://farsite.hill.af.mil/VFAFARA.HTM>

(End of Clause)

I-170 52.252-6 AUTHORIZED DEVIATIONS IN CLAUSES APR/1984

(a) The use in this solicitation or contract of any Federal Acquisition Regulation (48 CFR Chapter 1) clause with an authorized deviation is indicated by the addition of (DEVIATION) after the date of the clause.

(b) The use in this solicitation or contract of any DoD FAR SUPPLEMENT (48 CFR 2) clause with an authorized deviation is indicated by the addition of (DEVIATION) after the name of the regulation.

(End of Clause)

I-171 252.223-7001 HAZARD WARNING LABELS DEC/1991

(a) Hazardous material, as used in this clause, is defined in the Hazardous Material Identification and Material Safety Data clause of this contract.

(b) The Contractor shall label the item package (unit container) of any hazardous material to be delivered under this contract in accordance with the Hazard Communication Standard (29 CFR 1910.1200 et seq). The Standard requires that the hazard warning label conform to the requirements of the standard unless the material is otherwise subject to the labeling requirements of one of the following statutes:

- (1) Federal Insecticide, Fungicide and Rodenticide Act;
- (2) Federal Food, Drug and Cosmetics Act;
- (3) Consumer Product Safety Act;
- (4) Federal Hazardous Substances Act; or

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(c) In order to be contractually binding, all Government communications requiring a Contracting Officer signature must be sent from the Contracting Officer's e-mail address. The Contractor shall designate the personnel with signature authority who can contractually bind the contractor. All binding contractor communication shall be sent from this contractor e-mail address(es).

(d) Upon award, the Contractor shall provide the Contracting Officer with a list of e-mail addresses for all administrative and technical personnel assigned to this contract.

(e) Unless exempted by the Procuring Contracting Officer in writing, all unclassified written communication after contract award shall be transmitted electronically.

[End of Clause]

I-174 52.219-4070 PILOT MENTOR-PROTEGE PROGRAM APR/2006

(a) The Pilot Mentor-Protege Program does not apply to small business concerns.

(b) Utilization of the Pilot Mentor-Protege Program (hereafter referred to as the Program) is encouraged. Under the Program, eligible companies approved as mentor firms enter into a mentor-protege agreement with eligible protege firms. The goal of the program is to provide appropriate developmental assistance to enhance the capabilities of the protege firm. The Mentor firm may be eligible for cost reimbursement or credit against their applicable subcontracting goals.

(c) Mentor firms are encouraged to identify and select concerns that are defined as emerging small business concerns, small disadvantaged business, women-owned small business, HUBZone small business, service-disabled veteran-owned small business, veteran-owned small business or an eligible entity employing the severely disabled.

(d) Full details of the program are located at http://www.acq.osd.mil/sadbu/mentor_protege/

or

<http://sellingtoarmy.info/User/ShowPage.aspx?SectionID=12>

(e) For additional questions after reviewing the information provided, contact the Office of Small Business Programs serving your area.

[End of Clause]

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SECTION J - LIST OF ATTACHMENTS

<u>List of Addenda</u>	<u>Title</u>	<u>Date</u>	<u>Number of Pages</u>	<u>Transmitted By</u>
Exhibit A	CDRL A001 IMPR	06-NOV-2013	001	
Exhibit B	CDRL A002 COST DATA SUMMARY REPORT (CDSR)	06-NOV-2013	001	
Exhibit C	CDRL A003 FUNCTIONAL COST HOUR REPORT (FCHR)	06-NOV-2013	001	
Exhibit D	CDRL A004 CONTRACT WORK BREAKDOWN STRUCTURE (CWBS)	06-NOV-2013	001	
Exhibit E	CDRL A005 RESOURCE DISTRIBUTION TABLE (RDT)	06-NOV-2013	001	
Exhibit F	CDRL A006 CONTRACT FUNDS STATUS REPORT (CFSR)	06-NOV-2013	001	
Exhibit G	CDRL A007 CONFIGURATION MANAGEMENT PLAN	06-NOV-2013	001	
Exhibit H	CDRL A008 ECO MATRIX MONTHLY REPORT	06-NOV-2013	001	
Exhibit J	CDRL A009 HAZMAT PARTS INVENTORY	06-NOV-2013	001	
Exhibit K	CDRL A010 HAZARDOUS MATERIALS MANAGEMENT PROGRAM/PLAN	06-NOV-2013	001	
Exhibit L	CDRL A011 HAZAROUS MATERIALS MANAGEMENT REPORT	06-NOV-2013	001	
Exhibit M	CDRL A012 USE OF LEAD FREE ELECTRICAL SOLDER REPORT	06-NOV-2013	001	
Exhibit N	CDRL A013 SAFETY ASSESSMENT REPORT (SAR)	06-NOV-2013	001	
Exhibit P	CDRL A014 SYSTEM SAFETY PROGRAM PROGRESS REPORT	06-NOV-2013	001	
Exhibit Q	CDRL A015 OPSEC TRAINING REPORT	06-NOV-2013	001	
Exhibit R	CDRL A016 ECP PROTOTYPE BUILD HARDWARE CSDR	06-NOV-2013	001	
Exhibit S	CDRL D001 INFORMATION ASSURANCE BRIEFINGS SUPPORT	06-NOV-2013	001	
Exhibit T	CDRL D002 SYSTEM INFORMATION ASSURANCE COMPLIANCE ASSESSMENT	06-NOV-2013	001	
Exhibit U	CDRL D003 CONTRACTOR SYSTEM AND SUBSYSTEMS TEST PLANS	06-NOV-2013	001	
Exhibit V	CDRL D004 SYSTEM AND SUBSYSTEM TEST REPORTS	06-NOV-2013	001	
Exhibit W	CDRL D005 SYSTEM SUBSYSTEM DOCUMENTATION	06-NOV-2013	001	
Exhibit X	CDRL D006 SOFTWARE DEVELOPMENT DOCUMENTATION	06-NOV-2013	001	
Exhibit Y	CDRL D007 SOFTWARE QUALITY ASSURANCE	06-NOV-2013	001	
Exhibit Z	CDRL D008 SOFTWARE TRANSITION PLAN	06-NOV-2013	001	
Exhibit AA	CDRL D009 SOFTWARE METRICS	06-NOV-2013	001	
Exhibit AB	CDRL D010 FIRE SUPPRESSION M&S DATA	06-NOV-2013	001	
Exhibit AC	CDRL D011 BALLISTIC VULNERABILITY M&S DATA	06-NOV-2013	001	
Exhibit AD	CDRL D012 RELIABILITY CASE REPORT	06-NOV-2013	001	
Exhibit AE	CDRL D013 CBRN SURVIVABILITY AND DECONTAMINATION COMPLIANCE	06-NOV-2013	001	
Exhibit AF	CDRL D014 MODIFIED KIT FIT-UP CORRECTIVE ACTION REPORT	06-NOV-2013	001	
Exhibit AG	CDRL D015 ECP DELTA DRAWINGS	06-NOV-2013	001	
Exhibit AH	CDRL D016 RISK MANAGEMENT STATUS REPORT	06-NOV-2013	001	
Exhibit AI	CDRL D017 ONE WIRE DIAGRAM	06-NOV-2013	001	
Exhibit AJ	CDRL D018 SOFTWARE RELEASE DELIVERABLES	06-NOV-2013	001	
Exhibit AK	CDRL D019 SUBSYSTEM ELECTRONICS AND SOFTWARE ARCHITECTURE	06-NOV-2013	001	
Exhibit AL	CDRL D020 MEETING MINUTES	06-NOV-2013	001	
Exhibit AM	CDRL D021 SOFTWARE DEVELOPMENT PLAN	06-NOV-2013	001	
Exhibit AN	CDRL D022 STRYKER VARIANT DETAILED DESIGN DRAWINGS	06-NOV-2013	001	
Exhibit AO	CDRL D023 TRANSPORTABILITY ANALYSIS	06-NOV-2013	001	
Exhibit AP	CDRL L001 LOG MGT INFO FOR LORA	06-NOV-2013	001	
Exhibit AQ	CDRL L002 LOG MGT INFO FOR RCM	06-NOV-2013	001	
Exhibit AR	CDRL L003 LOG MGT INFO FOR MARC AND BOIP, MAC	06-NOV-2013	001	
Exhibit AS	CDRL L004 LOG MGT INFO FOR PROVISIONING	06-NOV-2013	001	
Exhibit AT	CDRL L005 INTERACTIVE ELECTRONIC TECHNICAL MANUAL (IETM)	06-NOV-2013	001	
Exhibit AU	CDRL L006 PAPER OPERATOR'S TECHNICAL BULLETINS AND SOURCE MATERIAL	06-NOV-2013	001	
Exhibit AV	CDRL L007 OTHER TECHNICAL PUBLICATIONS AND SOURCE MATERIAL	06-NOV-2013	001	
Exhibit AW	CDRL L008 PUBLICATION HISTORY FILE	06-NOV-2013	001	
Exhibit AX	CDRL L009 TECH MANUALS, TECH BULLETINS AND SOURCE MATERIAL	06-NOV-2013	001	
Exhibit AY	CDRL L010 STTE, BII DRAWINGS	06-NOV-2013	001	
Exhibit AZ	CDRL L011 LOGISTICS MANAGEMENT INFO DATA PRODUCTS PACKAGING	06-NOV-2013	001	
Exhibit BA	CDRL L012 SPECIAL PACKAGING INSTRUCTIONS	06-NOV-2013	001	
Exhibit BB	CDRL L013 CONTAINER DESIGN RETRIEVAL SEARCH REQUEST	06-NOV-2013	001	
Exhibit BC	CDRL L014 REUSABLE CONTAINERS	06-NOV-2013	001	
Exhibit BD	CDRL L015 TRAINING SUPPORT PACKAGE	06-NOV-2013	001	
Exhibit BE	CDRL L016 INSTRUCTOR & KEY PERSONNEL TRAINING	06-NOV-2013	001	
Exhibit BF	CDRL L017 TRAINING TASK ANALYSIS	06-NOV-2013	001	
Exhibit BG	CDRL L018 EQUIPMENT PRESERVATION DATA SHEETS	06-NOV-2013	001	
Exhibit BH	CDRL L019 MEETINGS AND MINUTES	06-NOV-2013	001	

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<u>List of Addenda</u>	<u>Title</u>	<u>Date</u>	<u>Number of Pages</u>	<u>Transmitted By</u>
Exhibit BI	CDRL L020 GOVERNMENT FURNISHED MATERIAL	06-NOV-2013	001	
Exhibit BJ	CDRL T001 SYSTEM SUPPORT PACKAGE	06-NOV-2013	001	
Exhibit BK	CDRL T002 CONFIGURATION OF TEST VEHICLES	06-NOV-2013	001	
Exhibit BL	CDRL T003 SYSTEM SUPPORT PACKAGE DATABASE	06-NOV-2013	001	
Exhibit BM	CDRL T004 FAILURE ANALYSIS & CORRECTIVE ACTION REPORT	06-NOV-2013	001	
Exhibit BN	CDRL T005 MONTHLY PERFORMANCE REPORT	06-NOV-2013	001	
Exhibit BO	CDRL E001 FINAL INSPECTION REPORT	06-NOV-2013	001	
Attachment 0001	LIST OF CDRLS	06-NOV-2013	002	EMAIL
Attachment 0002	DD FORM 254	06-NOV-2013	004	EMAIL
Attachment 0003	RESOURCE ALLOCATION TABLE (RDT)	06-NOV-2013	001	EMAIL
Attachment 0004	CSDR CONTRACT PLAN	06-NOV-2013	012	EMAIL
Attachment 0005	C4ISR KIT LIST	06-NOV-2013	003	EMAIL
Attachment 0006	COMPREHENSIVE ECP KIT LIST	06-NOV-2013	001	EMAIL
Attachment 0007	SEP DATED 25 JUNE 2012	06-NOV-2013	066	EMAIL
Attachment 0008	STRYKER ECP PROGRAM RELIABILITY AND MAINTAINABILITY	06-NOV-2013	023	EMAIL
Attachment 0009	FAILURE DEFINITION AND SCORING CRITERIA	06-NOV-2013	032	EMAIL
Attachment 0010	DVH SPS	06-NOV-2013	089	EMAIL
Attachment 0011	IVN DESIGNED ACCORDING TO IVNA SPEC	06-NOV-2013	047	EMAIL
Attachment 0012	MULTIFUNCTION VEHICLE PORT	06-NOV-2013	013	EMAIL
Attachment 0013	VICTORY ARCHITECTURE	06-NOV-2013	007	EMAIL
Attachment 0014	VICTORY SPECS	06-NOV-2013	005	EMAIL
Attachment 0015	VICTORY SPECS APPENDICES	06-NOV-2013	036	EMAIL
Attachment 0016	STRYKER EMBEDDED DIAGNOSTICS CBM ENHANCEMENT	06-NOV-2013	036	EMAIL
Attachment 0017	RISK MANAGEMENT PLAN	06-NOV-2013	065	EMAIL
Attachment 0018	ITOP 2-2-713 BALLISTIC TESTING OF ARMOR	06-NOV-2013	430	EMAIL
Attachment 0019	CBM SCOPE	06-NOV-2013	021	EMAIL
Attachment 0020	ARMY BULK CBM DATA (ABCD) SPECS	06-NOV-2013	002	EMAIL
Attachment 0021	TECHNICAL PUBLICATION QUALITY ASSURANCE PLAN	06-NOV-2013	001	EMAIL
Attachment 0022	USG VALIDATION AND VERIFICATION PLAN	06-NOV-2013	024	EMAIL
Attachment 0023	DRAFT TEMP	06-NOV-2013	050	EMAIL
Attachment 0024	LLRC DESIGN	06-NOV-2013	002	EMAIL
Attachment 0025	STYLE GUIDE	06-NOV-2013	068	EMAIL

DD FORM 1423, FEB 2001
CONTRACT DATA REQUIREMENT LIST, PREVIOUS EDITION MAY BE USED Form Approval OMB No. 0704-0188

The public reporting burden for this collection of information is estimated to average 110 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, Executive Services Directorate (0704-0188). Respondents should be aware that notwithstanding any other provision of law, no person shall be subject to any penalty for failing to comply with a collection of information if it does not display a currently valid OMB control number. Please do not return your form to the above organization. Send completed form to the Government Issuing Contracting Officer for the Contract/PR No. listed in Block E.

A. CONTRACT LINE ITEM NO.: A001
B. EXHIBIT: A
C. CATEGORY:
TDP ____ TM ____ OTHER X ____
D. SYSTEM/ITEM: Stryker Family of Vehicles
E. CONTRACT/PR NO.: W56HZV-14-C-B019
F. CONTRACTOR: GM GDLS Defense Group, LLC

1. DATA ITEM NO: A001
2. TITLE: Integrated Program Management Report (IPMR)
3. SUBTITLE: Business Management
4. AUTHORITY: DI-MGMT-81861
5. CONTRACT REFERENCE: C.3.1.3., C.3.1.5
6. REQUIRING OFFICE: SFAE-GCS-SBCT-B
7. DD250 REQ: LT
8. APP CODE: D
9. DIST. STATEMENT REQ: E
10. FREQUENCY: Monthly
11. AS OF DATE: See Block 16
12. DATE OF FIRST SUBMISSION: See Block 16
13. DATE OF SUBS. SUBMISSION: See Block 16

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Block 11: Last day of contractors monthly accounting period.

Block 12: Formats 1-6 are due NLT 25 working days after the end of the second complete accounting period subsequent to the contracting officers authorization to proceed.

Block 13: (a) Formats 1-6: Due NLT the nineteenth day of the calendar month. Submissions shall continue until the last significant milestone as defined by the contract has been achieved and the effort is at least 95% complete. (b) Format 7: Due NLT the nineteenth day of the calendar month immediately following the completion of the 12th, 24th, 36th, 48th, and 60th accounting periods after contract award. A final Format 7 is due concurrent with the last Format 1 submission.

Block 14: The contractor shall submit the IPMR to the Government using the Government managed Integrated Data Environment. The contractor shall submit the IPMR to the DCARC EVM Central Repository.

Separate submission of Formats 1-4 and 7 in hours is not required. The basis of the Format 5 variance analysis shall be in dollars.

Cost XML Guidelines: Formats 1-4 shall be submitted using the DoD-approved Cost XML guideline and schema. Formats 1-4 shall be submitted in whole units (no decimals) in the XML. Format 1 WBS data in XML shall be required down to the work package level. The Cost XML shall also contain the WBS and OBS structures from the work package level to the total program level.

Formats 5 and 6 shall also be submitted in the contractors native electronic file format. Other lower level detail schedules supporting Format 6 shall be provided in their native electronic file formats.

The contractor shall provide a compressed archive back up file compiled from the contractors scheduling software with their monthly IPMR submission. The contractor shall provide a compressed archive back up file compiled from the contractors EVMS reporting software with their monthly IPMR submission.

Subcontractor IPMRs shall be submitted separately to the Government.

Format 5 Variance Thresholds:

Format 5 variance analysis shall be based on variances contained in Format 2. The following Format 2 variances apply at the OBS level. The initial thresholds are as follows, but shall be reviewed periodically and adjusted as necessary to ensure they continue to provide appropriate insight and visibility to the Government. Adjustments to the variance thresholds shall not impact the contract price. When the Government selects specific variances to report, notification will be provided no later than the first day of the accounting period. Government selected variances shall be deducted from the maximum reportable total of 15, and the selection of remaining variances for reporting shall be consistent with the data item description.

The contractor shall report the largest absolute variances that comprise the total current period absolute schedule variance until at least 80% of the total current period absolute schedule variance is explained.

The contractor shall report the largest absolute variances that comprise the total current period absolute cost variance until at least 80% of the total current period absolute cost variance is explained.

The contractor shall report the largest absolute variances that comprise the total cumulative absolute schedule variance until at least 50% of the total cumulative absolute schedule variance is explained.

Format 5 Variance Thresholds (continued):

The contractor shall report the largest absolute variances that comprise the total cumulative absolute cost variance until at least 50% of the total cumulative absolute cost variance is explained.

The contractor shall report the largest absolute variances that comprise the total absolute variance at complete until at least 50% of the total absolute variance at complete is explained.

The threshold for reporting Format 3 baseline changes in Format 5 shall be as mutually agreed.

The Format 4 Forecast at Completion variance threshold for Format 5 explanation and analysis shall be as mutually agreed.

The contractor shall use the following methodology to calculate the absolute variances and total absolute variances: For every variance reported in Format 2, the contractor shall calculate the absolute variance, where the absolute variance is defined as the square root of the variance squared. The contractor shall then sum the absolute variances to determine the total current period absolute schedule variance, total current period absolute cost variance, total cumulative absolute schedule variance, total cumulative absolute cost variance, and total absolute variance at complete.

Format 6 (Integrated Master Schedule)

-The contractor shall provide the following data fields in addition to those already required by the data item description: Early Start/Finish, Control Account Manager, Activity Lead, IMP element, labor hours, material dollars, travel dollars

-Schedule Risk Assessments (SRAs) shall be provided at the Integrated Baseline Review and NLT 120 days after the contract is incrementally funded, or as otherwise agreed.

-The driving path reportable in Format 5 is defined as the next contract milestone not yet completed.

Format 7 (Electronic History and Forecast File)

-Format 7 shall be prepared at the control account level.

17. PRICE GROUP: NSP

18. ESTIMATED TOTAL PRICE: NSP

G. PREPARED BY: Richard Gilliland

H: DATE: October 2013

I: APPROVED BY: Richard Gilliland

J: DATE: October 2013

PAGE 1 OF 1

DD FORM 1423, FEB 2001
CONTRACT DATA REQUIREMENT LIST, PREVIOUS EDITION MAY BE USED Form Approval OMB No. 0704-0188

A. CONTRACT LINE ITEM NO.: A002
B. EXHIBIT: B
C. CATEGORY:
TDP ____ TM ____ OTHER X ____
D. SYSTEM/ITEM: Stryker Family of Vehicles
E. CONTRACT/PR NO.: W56HZV-14-C-B019
F. CONTRACTOR: GM GDLS Defense Group, LLC

1. DATA ITEM NO: A002
2. TITLE: Cost Data Summary Report
3. SUBTITLE: Cost and Software Data Reporting
4. AUTHORITY: DI-FNCL-81565C
5. CONTRACT REFERENCE: C.3.1.6
6. REQUIRING OFFICE: SFAE-GCS-SBCT-B
7. DD250 REQ: LT
8. APP CODE: D
9. DIST. STATEMENT REQ: E
10. FREQUENCY: See Block 16
11. AS OF DATE: See Block 16
12. DATE OF FIRST SUBMISSION: See Block 16
13. DATE OF SUBS. SUBMISSION: See Block 16

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lesha.q.steed.civ@mail.mil			
Rebecca.K.Bernock.civ@mail.mil			

15. TOTAL COPIES: 4

16. REMARKS: BLK 4: DI-FNCL-81565C is tailored as follows:

Preparation Instructions:

1. General Instructions

i. Submissions will be prepared in accordance with the OSD-DDCA approved CSDR Contract Plans (Attachment 0004). Reporting level, reporting frequency, and reporting periods are contained in the CSDR Contract Plans. CSDR Contract Plans will be updated to reflect changes in the scope of work.

4. Specific Instructions: Summary Reporting Elements.

i. The CDSR shall be compatible with the DCARC CSDR Planning & Execution Tool software (<http://dcarc.pae.osd.mil/cPet/Index.aspx>).

BLK 7: The DCARC office will issue a letter stating if each CDSR submission has been accepted or rejected. Rejected CDSRs shall require resubmission, as directed in the letter.

Block 9: ADMINISTRATIVE OR OPERATIONAL USE. To protect technical or operational data or information from the automatic dissemination under the International Exchange Program or by other means. This protection covers publications required solely for official use or strictly for administrative operational purposes. This statement may be applied to manuals, pamphlets, technical orders, technical reports, and other publications containing valuable technical or operational data.

17. PRICE GROUP: NSP
18. ESTIMATED TOTAL PRICE: NSP

G. PREPARED BY: Richard Gilliland
H: DATE: October 2013
I: APPROVED BY: Richard Gilliland
J: DATE: October 2013
PAGE 1 OF 1

DD FORM 1423, FEB 2001

CONTRACT DATA REQUIREMENT LIST, PREVIOUS EDITION MAY BE USED Form Approval OMB No. 0704-0188

A. CONTRACT LINE ITEM NO.: A003
B. EXHIBIT: C
C. CATEGORY:
TDP ____ TM ____ OTHER X____
D. SYSTEM/ITEM: Stryker Family of Vehicles
E. CONTRACT/PR NO.: W56HZV-14-C-B019
F. CONTRACTOR: GM GDLS Defense Group, LLC

1. DATA ITEM NO: A003
2. TITLE: Functional Cost Hour Report (FCHR) DD Form 1921-1
3. SUBTITLE: Cost and Software Data Reporting (CSDR)
4. AUTHORITY: DI-FNCL-81566C
5. CONTRACT REFERENCE: C.3.1.6
6. REQUIRING OFFICE: SFAE-GCS-SBCT-B
7. DD250 REQ: LT
8. APP CODE: D
9. DIST. STATEMENT REQ: E
10. FREQUENCY: See Block 16
11. AS OF DATE: See Block 16
12. DATE OF FIRST SUBMISSION: See Block 16
13. DATE OF SUBS. SUBMISSION: See Block 16

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	lesha.q.steed.civ@mail.mil	
	Rebecca.K.Bernock.civ@mail.mil	

15. TOTAL COPIES: 4

16. REMARKS: Blk 4: DI-FNCL-81566C is tailored as follows:

j. . Submissions will be prepared in accordance with the OSD-DDCA approved CSDR Contract Plans (Attachment 0004). Reporting level, reporting frequency, and reporting periods are contained in the CSDR Contract Plans. CSDR Contract Plans will be updated to reflect changes in the scope of work.

k. The FCHR shall be compatible with the DCARC CSDR Planning & Execution Tool software (<http://dcarc.pae.osd.mil/cPet/Index.aspx>).

BLK 7: The DCARC office will issue a letter stating if each FCHR submission has been accepted or rejected. Rejected FCHRs shall require resubmission, as directed in the letter.

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17. PRICE GROUP: NSP
18. ESTIMATED TOTAL PRICE: NSP

G. PREPARED BY: Richard Gilliland

H: DATE: October 2013
I: APPROVED BY: Richard Gilliland
J: DATE: October 2013
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A. CONTRACT LINE ITEM NO.: A004
B. EXHIBIT: D
C. CATEGORY:
TDP ____ TM ____ OTHER X____
D. SYSTEM/ITEM: Stryker Family of Vehicles
E. CONTRACT/PR NO.: W56HZV-14-C-B019
F. CONTRACTOR: GM GDLS Defense Group, LLC

1. DATA ITEM NO: A004
2. TITLE: Contract Work Breakdown Structure
3. SUBTITLE: Business Management
4. AUTHORITY: DI-MGMT-81334D
5. CONTRACT REFERENCE: C.3.1.6, C.3.1.7.1
6. REQUIRING OFFICE: SFAE-GCS-SBCT-B
7. DD250 REQ: LT
8. APP CODE: D
9. DIST. STATEMENT REQ: E
10. FREQUENCY: See Block 16
11. AS OF DATE: See Block 16
12. DATE OF FIRST SUBMISSION: See Block 16
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16. REMARKS: BLOCK 4 DI-MGMT-81334D is tailored as follows:

Preparation Instructions:

3. . Submissions will be prepared in accordance with the OSD-DDCA approved CSDR Contract Plans (Attachment 0004). Reporting level, reporting frequency, and reporting periods are contained in the CSDR Contract Plans. CSDR Contract Plans will be updated to reflect changes in the scope of work.

4. In addition to the submission requirements identified in the Data Item Description, the contractor shall also submit the CWBS to the Government PMO using the Government managed Integrated Data Environment.

Block 7: The DCARC office will issue a letter stating if each CWBS submission has been accepted or rejected. Rejected CDSRs shall require resubmission, as directed in the letter.

17. PRICE GROUP: NSP
18. ESTIMATED TOTAL PRICE: NSP

G. PREPARED BY: Richard Gilliland
H: DATE: October 2013
I: APPROVED BY: Richard Gilliland

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A. CONTRACT LINE ITEM NO.: A005
B. EXHIBIT: E
C. CATEGORY:
TDP ____ TM ____ OTHER X ____
D. SYSTEM/ITEM: Stryker Family of Vehicles
E. CONTRACT/PR NO.: W56HZV-14-C-B019
F. CONTRACTOR: GM GDLS Defense Group, LLC

1. DATA ITEM NO: A005
2. TITLE: Resource Distribution Table (RDT)
3. SUBTITLE: Business Management
4. AUTHORITY: DI-FNCL-81565C
5. CONTRACT REFERENCE: C.3.1.6.2
6. REQUIRING OFFICE: SFAE-GCS-SBCT-B
7. DD250 REQ: LT
8. APP CODE: D
9. DIST. STATEMENT REQ: E
10. FREQUENCY: See Block 16
11. AS OF DATE: See Block 16
12. DATE OF FIRST SUBMISSION: See Block 16
13. DATE OF SUBS. SUBMISSION: See Block 16

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16. REMARKS: BLK 4: DI-FNCL-81565C is tailored as follows (see the Preparation Instructions section, paragraph 2.r.ii.(2) for RDT specific requirements):

For every subcontractor and subsidiary, the contractor shall identify:

1. The total dollar value of the work assigned (known or estimated).
2. The CSDR WBS elements related to the assigned work.

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BLK 10: The RDT shall be delivered whenever the funded amount on the contract is modified, but shall be no more frequently than quarterly.

BLK 11: The first RDT shall be as of the date of contract award. If subsequent RDT submissions are required in response to the funded amount on contract having been modified, submissions shall be as of the accounting month close in the months of December, March, June, and September.

BLK 12: The first RDT shall be delivered NLT 60 days after contract award.

BLK 13: If an RDT submission is required in response to the funded amount on contract having been modified, submissions shall be delivered NLT 25 working days after the accounting month close in the months of December, March, June, and September.

BLK 14: The contractor shall submit the RDT to the Government PMO using the Government managed Integrated Data Environment.

17. PRICE GROUP: NSP

18. ESTIMATED TOTAL PRICE: NSP

G. PREPARED BY: Richard Gilliland

H: DATE: October 2013

I: APPROVED BY: Richard Gilliland

J: DATE: October 2013

PAGE 1 OF 1

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A. CONTRACT LINE ITEM NO.: A006
B. EXHIBIT: F
C. CATEGORY:
TDP ____ TM ____ OTHER X____
D. SYSTEM/ITEM: Stryker Family of Vehicles
E. CONTRACT/PR NO.: W56HZV-14-C-B019
F. CONTRACTOR: GM GDLS Defense Group, LLC

1. DATA ITEM NO: A006
2. TITLE: Contract Funds Status Report (CFSR)
3. SUBTITLE: Business Management
4. AUTHORITY: DI-MGMT-81468
5. CONTRACT REFERENCE:
6. REQUIRING OFFICE: SFAE-GCS-SBCT-B
7. DD250 REQ: LT
8. APP CODE: D
9. DIST. STATEMENT REQ: E
10. FREQUENCY: Quarterly
11. AS OF DATE: See Block 16
12. DATE OF FIRST SUBMISSION: See Block 16
13. DATE OF SUBS. SUBMISSION: See Block 16

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Block 11: The CFSR shall be prepared at the end of each calendar quarter or contractor accounting period nearest the end of each quarter. The Government PCO reserves the right to increase this frequency, but such frequency will not be more often than monthly.

Block 12: Due NLT 25th day of the month subsequent to the first calendar quarter occurrence after delivery order award.

Block 13: Subsequent submissions shall occur as described for Block 11, due NLT the 25th day of the month after the as of date. Report submissions shall continue until the last significant milestone as defined by the contract has been achieved and the effort is at least 95% complete.

Block 14: The contractor shall submit the CFSR to the Government PMO using the Government managed Integrated Data Environment. The contractor shall submit the CFSR to the DCARC EVM Central Repository.

The contractor shall segregate funds data on the basis of contract type and the appropriation accounting reference. The level of reporting will be limited to only those items (e.g. CLINs or CWBS elements) needed to support funds management requirements.

17. PRICE GROUP: NSP
18. ESTIMATED TOTAL PRICE: NSP

G. PREPARED BY: Richard Gilliland
H: DATE: October 2013
I: APPROVED BY: Richard Gilliland
J: DATE: October 2013
PAGE 1 OF 1

DD FORM 1423, FEB 2001
CONTRACT DATA REQUIREMENT LIST, PREVIOUS EDITION MAY BE USED Form Approval OMB No. 0704-0188

A. CONTRACT LINE ITEM NO.: A007
B. EXHIBIT: G
C. CATEGORY:
TDP ____ TM ____ OTHER X ____
D. SYSTEM/ITEM: Stryker Family of Vehicles
E. CONTRACT/PR NO.: W56HZV-14-C-B019
F. CONTRACTOR: GM GDLS Defense Group, LLC

1. DATA ITEM NO: A007
2. TITLE: CONFIGURATION MANAGEMENT PLAN
3. SUBTITLE: NA
4. AUTHORITY: DI-CMAN-80858B
5. CONTRACT REFERENCE: C.4.1
6. REQUIRING OFFICE: SFAE-GCS-SBCT-B
7. DD250 REQ: LT
8. APP CODE: NA
9. DIST. STATEMENT REQ: NA
10. FREQUENCY: NA
11. AS OF DATE: Contract Award
12. DATE OF FIRST SUBMISSION: 6 Months after contract award
13. DATE OF SUBS. SUBMISSION: NA

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	Richardjr.d.worth.civ@mail.mil	

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16. REMARKS: The CMP shall be Reviewed/Coordinated with the Government CM Annually

17. PRICE GROUP: NSP
18. ESTIMATED TOTAL PRICE: NSP

G. PREPARED BY: Mike Cole
H: DATE: October 2013
I: APPROVED BY: Mike Cole
J: DATE: October 2013
PAGE 1 OF 1

DD FORM 1423, FEB 2001
CONTRACT DATA REQUIREMENT LIST, PREVIOUS EDITION MAY BE USED Form Approval OMB No. 0704-0188

A. CONTRACT LINE ITEM NO.: A008
B. EXHIBIT: H
C. CATEGORY:
TDP ____ TM ____ OTHER X____
D. SYSTEM/ITEM: Stryker Family of Vehicles
E. CONTRACT/PR NO.: W56HZV-14-C-B019
F. CONTRACTOR: GM GDLS Defense Group, LLC

1. DATA ITEM NO: A008
2. TITLE: ECO Matrix Monthly Report
3. SUBTITLE: NA
4. AUTHORITY: DI-CMAN-80463C
5. CONTRACT REFERENCE: C.4.2.3
6. REQUIRING OFFICE: SFAE-GCS-SBCT-B
7. DD250 REQ: LT
8. APP CODE: NA
9. DIST. STATEMENT REQ: NA
10. FREQUENCY: Monthly
11. AS OF DATE: Date of Award
12. DATE OF FIRST SUBMISSION: Date of Award
13. DATE OF SUBS. SUBMISSION: See block 16

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richardjr.d.worth.civ@mail.mil

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16. REMARKS: BLOCK 4: DI-CMAN-080463C: This DID is tailored as follows:

16. For each approved ECO, ECP and changes requiring an ECARD this matrix shall include:

Change Title
Brief Description
Weight Impact
Approval Date
Classification
Retrofit Status
Estimated Break- in Point
Actual Break in Point

17. PRICE GROUP: NSP
18. ESTIMATED TOTAL PRICE: NSP

G. PREPARED BY: Mike Cole
H: DATE: October 2013
I: APPROVED BY: Mike Cole
J: DATE: October 2013

DD FORM 1423, FEB 2001
CONTRACT DATA REQUIREMENT LIST, PREVIOUS EDITION MAY BE USED Form Approval OMB No. 0704-0188

A. CONTRACT LINE ITEM NO.: A009
B. EXHIBIT: J
C. CATEGORY:
TDP ____ TM ____ OTHER X ____
D. SYSTEM/ITEM: Stryker Family of Vehicles
E. CONTRACT/PR NO.: W56HZV-14-C-B019
F. CONTRACTOR: GM GDLS Defense Group, LLC

1. DATA ITEM NO: A009
2. TITLE: Vehicle Parts Containing Hazardous Materials Inventory
3. SUBTITLE: NA
4. AUTHORITY: DI-ILSS-81251
5. CONTRACT REFERENCE: C.5.1, C.5.4
6. REQUIRING OFFICE: SFAE-GCS-SBCT-B
7. DD250 REQ: LT
8. APP CODE: NA
9. DIST. STATEMENT REQ: E
10. FREQUENCY: Quarterly or within 30 days of DD250 vehicle delivery
11. AS OF DATE: Date of contract award
12. DATE OF FIRST SUBMISSION: 30 days after contract award
13. DATE OF SUBS. SUBMISSION: See Block 10

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thomas.a.boik2.ctr@mail.mil		1	

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16. REMARKS: The contractor shall identify and provide a separate spreadsheet or database identifying all components containing Hazardous Materials specific to each individual vehicle produced. The spreadsheet or database shall be updated to document the phased reduction of Hazardous Materials on each vehicle.

The following sections in DI-ILSS-81251 are not applicable:

10.2.2., 10.2.3, 10.2.4, 10.3

17. PRICE GROUP: NSP
18. ESTIMATED TOTAL PRICE: NSP

G. PREPARED BY: Stephen Bails
H: DATE: October 2013
I: APPROVED BY: Stephen Bails
J: DATE: October 2013
PAGE 1 OF 1

DD FORM 1423, FEB 2001
CONTRACT DATA REQUIREMENT LIST, PREVIOUS EDITION MAY BE USED Form Approval OMB No. 0704-0188

A. CONTRACT LINE ITEM NO.: A010
B. EXHIBIT: K
C. CATEGORY:
TDP ____ TM ____ OTHER X____
D. SYSTEM/ITEM: Stryker Family of Vehicles
E. CONTRACT/PR NO.: W56HZV-14-C-B019
F. CONTRACTOR: GM GDLS Defense Group, LLC

1. DATA ITEM NO: A010
2. TITLE: Hazardous Material Management
3. SUBTITLE: HMMP
4. AUTHORITY: DI-MGMT-81398 Rev B
5. CONTRACT REFERENCE: C.5.1, C.5.2,
6. REQUIRING OFFICE: SFAE-GCS-SBCT-B
7. DD250 REQ: LT
8. APP CODE: NA
9. DIST. STATEMENT REQ: E
10. FREQUENCY: Single Submission
11. AS OF DATE: See block 16
12. DATE OF FIRST SUBMISSION: See block 16
13. DATE OF SUBS. SUBMISSION: NA

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16. REMARKS: BLK 12:

The contractor shall supply the draft Hazardous Material Management Plan within 60 days of contract award.

The Government shall have 30 days to review and provide comments to the contractor.

The contractor is required to address and/or incorporate all Government comments and provide a final plan for approval within 120 days after contract award.

17. PRICE GROUP: NSP
18. ESTIMATED TOTAL PRICE: NSP

G. PREPARED BY: Stephen Bails
H: DATE: October 2013
I: APPROVED BY: Dorothy Foley
J: DATE: October 2013
PAGE 1 OF 1

DD FORM 1423, FEB 2001
CONTRACT DATA REQUIREMENT LIST, PREVIOUS EDITION MAY BE USED Form Approval OMB No. 0704-0188

A. CONTRACT LINE ITEM NO.: A011
B. EXHIBIT: L
C. CATEGORY:
TDP ____ TM ____ OTHER X____
D. SYSTEM/ITEM: Stryker Family of Vehicles
E. CONTRACT/PR NO.: W56HZV-14-C-B019
F. CONTRACTOR: GM GDLS Defense Group, LLC

1. DATA ITEM NO: A011
2. TITLE: Hazardous Materials Management Report
3. SUBTITLE: HMMR
4. AUTHORITY: DI-MISC-81397A
5. CONTRACT REFERENCE: C.5.3
6. REQUIRING OFFICE: SFAE-GCS-SBCT-B
7. DD250 REQ: LT
8. APP CODE: NA
9. DIST. STATEMENT RQ: NA
10. FREQUENCY: Every 180 days
11. AS OF DATE: NA
12. DATE OF FIRST SUBMISSION: See block 16
13. DATE OF SUBS. SUBMISSION: See block 16

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15. TOTAL COPIES: 2

16. REMARKS: The contractor shall supply the initial draft Hazardous Material Management Program/Report within 60 days of contract award.

The Government shall have 30 days to review and provide comments to the contractor. The contractor is required to address and/or incorporate all Government comments and provide a final report for approval within 120 days after contract award.

Thereafter, the contractor shall submit the report every 180 days from the initial draft submittal of the previous report. The Government shall have 30 days to review and provide comments to the contractor. The contractor is required to address and/or incorporate all Government comments and provide a final report for approval within 60 days after each HMMR initial submittal.

At the end of contract period, a final HMMR submittal is required. The final draft HMMR submission shall be 70 days prior to the end of contract date. The Government shall have 30 days to review and provide comments to the contractor. The contractor is required to address and/or incorporate all Government comments and provide a final report for approval 10 days prior to the end of contract date.

17. PRICE GROUP: NSP
18. ESTIMATED TOTAL PRICE: NSP

G. PREPARED BY: Stephen Bails
H: DATE: October 2013
I: APPROVED BY: Stephen Bails
J: DATE: October 2013
PAGE 1 OF 1

PIIN/SIIN W56HZV-14-C-B019

MOD/AMD

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PAGE 2

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A. CONTRACT LINE ITEM NO.: A012
B. EXHIBIT: M
C. CATEGORY:
TDP ____ TM ____ OTHER X____
D. SYSTEM/ITEM: Stryker Family of Vehicles
E. CONTRACT/PR NO.: W56HZV-14-C-B019
F. CONTRACTOR: GM GDLS Defense Group, LLC

1. DATA ITEM NO: A012
2. TITLE: Use of Lead-free Electrical Solder Report
3. SUBTITLE: NA
4. AUTHORITY: DI-MGMT-81772
5. CONTRACT REFERENCE: C.5.5
6. REQUIRING OFFICE: SFAE-GCS-SBCT-B
7. DD250 REQ: LT
8. APP CODE: NA
9. DIST. STATEMENT REQ: E
10. FREQUENCY: See block 16
11. AS OF DATE: See block 16
12. DATE OF FIRST SUBMISSION: See block 16
13. DATE OF SUBS. SUBMISSION: See block 16

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stephen.r.bails.ctr@mail.mil	1	1

15. TOTAL COPIES: 2

16. REMARKS: BLK 4: DI-MGMT-81772 is tailored as follows:
Delete Section 2 Format and replace with:
2. Format. The Use of Lead-free Electrical Solder Report shall be presented in the contractors own format.

BLKS 10, 11, 12 AND 13:
Delete Section 3 Content in its entirety and replace with:
The Use of Lead-free Electrical Solder Report shall include, the type of alternative electrical solder being used; what components the alternative electrical solder is being used on; what testing has been done to evaluate the alternative solder, and the test results.

The contractor shall supply the initial draft Use of lead-free electrical solder report within 90 days of contract award.
The Government will have 30 days to review and provide comments to the contractor. The contractor is required to address and incorporate all Government comments and provide a final report for approval within 150 days after contract award.

At the end of the contract period, a final report submittal is required.
The final draft submission shall be 70 days prior to the end of contract date. The Government shall have 30 days to review and provide comments to the contractor. The contractor is required to address and incorporate all Government comments and provide a final report for approval 10 days prior to the end of the contract date.

17. PRICE GROUP: NSP
18. ESTIMATED TOTAL PRICE: NSP

G. PREPARED BY: Stephen Bails
H: DATE: October 2013
I: APPROVED BY: Stephen Bails
J: DATE: October 2013

DD FORM 1423, FEB 2001
CONTRACT DATA REQUIREMENT LIST, PREVIOUS EDITION MAY BE USED Form Approval OMB No. 0704-0188

- A. CONTRACT LINE ITEM NO.: A013
- B. EXHIBIT: N
- C. CATEGORY:
TDP _____ TM _____ OTHER X _____
- D. SYSTEM/ITEM: Stryker Family of Vehicles
- E. CONTRACT/PR NO.: W56HZV-14-C-B019
- F. CONTRACTOR: GM GDLS Defense Group, LLC

-
- 1. DATA ITEM NO: A013
 - 2. TITLE: Safety Assessment Report
 - 3. SUBTITLE: NA
 - 4. AUTHORITY: DI-SAFT-80102B
 - 5. CONTRACT REFERENCE: C.6.1.1.1, C.6.1.1.2, C.6.2.
 - 6. REQUIRING OFFICE: SFAE-GCS-SBCT-B
 - 7. DD250 REQ: LT
 - 8. APP CODE: NA
 - 9. DIST. STATEMENT REQ: NA
 - 10. FREQUENCY: See block 16
 - 11. AS OF DATE: See block 16
 - 12. DATE OF FIRST SUBMISSION: See block 16
 - 13. DATE OF SUBS. SUBMISSION: See block 16
 - 14. DISTRIBUTION:

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walter.j.grebner.civ@mail.mil
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16. REMARKS: Final SAR Delivered NLT January 2015
ECP EFFORTS:

Contractor shall deliver an updated Safety Assessment Report (SAR) developed for each variant (baseline and/or DVH) to which the ECP change (s) will be incorporated on. A draft report shall be provided 120 days before delivery to a Government test site. The Government shall review and provide comments to the contractor 30 days after receipt. The final report shall be delivered 30 days prior to arrival of the variant to Government test. Not all variants may be tested, but a SAR shall be delivered for each variant receiving the ECP change (s).

The updated safety assessment report shall identify all safety features and inherent hazards, and shall establish special procedures or precautions to be observed by test agencies and system users. The safety assessment shall address maintenance, operational safety impacts, installation, and removal. Material Safety Data Sheets (MSDS) shall be included in each assessment. As an appendix to the Safety Assessment Report, the contractor shall identify and incorporate Health Hazards associated with the system. The contractor shall provide a description and discussion of each potential or actual health hazard of concern for each subsystem or component. The updated Safety Assessment Report, including the health hazards, shall identify all known safety and health features of the hardware, software, system design, and inherent hazards and shall establish operational and maintenance procedures and precautions to be observed by Government test agencies and system users.

- 17. PRICE GROUP: NSP
- 18. ESTIMATED TOTAL PRICE: NSP

-
- G. PREPARED BY: Jay Grebner
 - H. DATE: October 2013
 - I. APPROVED BY: Jay Grebner

DD FORM 1423, FEB 2001
CONTRACT DATA REQUIREMENT LIST, PREVIOUS EDITION MAY BE USED Form Approval OMB No. 0704-0188

A. CONTRACT LINE ITEM NO.: A014
B. EXHIBIT: P
C. CATEGORY:
TDP ____ TM ____ OTHER X ____
D. SYSTEM/ITEM: Stryker Family of Vehicles
E. CONTRACT/PR NO.: W56HZV-14-C-B019
F. CONTRACTOR: GM GDLs Defense Group, LLC

1. DATA ITEM NO: A014
2. TITLE: System Safety Program Progress Report
3. SUBTITLE: Radioactive Materials List
4. AUTHORITY: DI-SAFT-80105B
5. CONTRACT REFERENCE: C.6.3
6. REQUIRING OFFICE: SFAE-GCS-SBCT-B
7. DD250 REQ: LT
8. APP CODE: NA
9. DIST. STATEMENT REQ: NA
10. FREQUENCY: NA
11. AS OF DATE: NA
12. DATE OF FIRST SUBMISSION: 30 Days after Contract Award
13. DATE OF SUBS. SUBMISSION: NA
14. DISTRIBUTION:

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	walter.j.grebner.civ@mail.mil	1 1

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16. REMARKS: BLK 4: DI-SAFT-80105B is tailored as follows:

Delete 10.2 Contents and replace it with the following:
Contractor shall provide a list of all radioactive materials.

The list shall include end Item with NSN and Part NSN, Part Number of Radioactive (Rad) Item, Serial Number of Rad Item, Part Name, Rad Source or Isotope, number of Rad sources and Activity.

Blk 10: Upon identification of radioactive materials.

17. PRICE GROUP: NSP
18. ESTIMATED TOTAL PRICE: NSP

G. PREPARED BY: Jay Grebner
H: DATE: October 2013
I: APPROVED BY: Jay Grebner
J: DATE: October 2013
PAGE 1 OF 1

DD FORM 1423, FEB 2001

CONTRACT DATA REQUIREMENT LIST, PREVIOUS EDITION MAY BE USED Form Approval OMB No. 0704-0188

A. CONTRACT LINE ITEM NO.: A015
B. EXHIBIT: Q
C. CATEGORY:
TDP ____ TM ____ OTHER X ____
D. SYSTEM/ITEM: Stryker Family of Vehicles
E. CONTRACT/PR NO.: W56HZV-14-C-B019
F. CONTRACTOR: GM GDLs Defense Group, LLC

1. DATA ITEM NO: A015
2. TITLE: OPSEC Training Report
3. SUBTITLE: NA
4. AUTHORITY: DI-MISC-81356A
5. CONTRACT REFERENCE: C .2.1
6. REQUIRING OFFICE: SFAE-GCS-SBCT-B
7. DD250 REQ: LT
8. APP CODE: NA
9. DIST. STATEMENT REQ: NA
10. FREQUENCY: Annually
11. AS OF DATE: 30 September
12. DATE OF FIRST SUBMISSION: 30 September
13. DATE OF SUBS. SUBMISSION: Annually
14. DISTRIBUTION:

A. ADDRESSEE: B. COPIES:
FINAL DRAFT REG REPRO:

Cary.L.Deel.civ@mail.mil

1

15. TOTAL COPIES: 1

16. REMARKS: As stated in the DD254, the Contractor shall complete OPSEC training and submit a certificate of compliance, in accordance with DID DI-MISC-81356A validating 100% completion to the Government Security Office by 30 September.

Omit g, h, and i from the certificate of compliance

17. PRICE GROUP: NSP
18. ESTIMATED TOTAL PRICE: NSP

G. PREPARED BY: Rebecca Bernock
H: DATE: October 2013
I: APPROVED BY: Cary Deel
J: DATE: October 2013
PAGE 1 OF 1

DD FORM 1423, FEB 2001
CONTRACT DATA REQUIREMENT LIST, PREVIOUS EDITION MAY BE USED Form Approval OMB No. 0704-0188

A. CONTRACT LINE ITEM NO.: A016
B. EXHIBIT: R
C. CATEGORY:
TDP ____ TM ____ OTHER X ____
D. SYSTEM/ITEM: Stryker Family of Vehicles
E. CONTRACT/PR NO.: W56HZV-14-C-B019
F. CONTRACTOR: GM GDLS Defense Group, LLC

1. DATA ITEM NO: A016
2. TITLE: ECP Prototype Build Hardware CSDR Crosswalk
3. SUBTITLE: Business Management
4. AUTHORITY: DI-SESS-81903 /T
5. CONTRACT REFERENCE: C.3.1.9
6. REQUIRING OFFICE: SFAE-GCS-SBCT-B
7. DD250 REQ: LT
8. APP CODE: D
9. DIST. STATEMENT REQ: E
10. FREQUENCY: See Block 16
11. AS OF DATE: See Block 16
12. DATE OF FIRST SUBMISSION: See Block 16
13. DATE OF SUBS. SUBMISSION: See Block 16

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richard.p.gilliland.civ@mail.mil 1 1
lesha.q.steed.civ@mail.mil
Rebecca.K.Bernock.civ@mail.mil

15. TOTAL COPIES: 2

16. REMARKS: BLK 4: DI-SESS-81903 is tailored as follows:

- Elements a through g of the section 2.1 are replaced with Part Number, Part Nomenclature, Quantity, CSDR WBS Element Code, Work Directive/Charge Code, Budgeted Cost (BCWScum), Actual Cost (ACWPCum).
- Elements h through r of section 2.1 are deleted.
- Section 2.1.1 is deleted.
- The Actual Cost data field shall be populated beginning with the third submission of this report.

Block 9: ADMINISTRATIVE OR OPERATIONAL USE. To protect technical or operational data or information from the automatic dissemination under the International Exchange Program or by other means. This protection covers publications required solely for official use or strictly for administrative operational purposes. This statement may be applied to manuals, pamphlets, technical orders, technical reports, and other publications containing valuable technical or operational data.

Block 11: The first report shall be as of the date of contract award. The second report shall be as of the ICVV Critical Design Review. The third submission shall be as of the date of acceptance of the last ICVV ECP prototype delivered. Subsequent submissions shall be as of the accounting month close in the months of March, June, September, and December.

Block 12: Due 90 days after delivery order award.

Blocks 10 and 13: The second submission shall be delivered 90 days after the ICVV Critical Design Review. The third submission shall be delivered 90 days after U.S. Government acceptance of the last ICVV ECP prototype. Subsequent submissions shall be delivered NLT 25 working days after the accounting month close in the months of March, June, September, and December. Submissions shall continue until two complete calendar quarters have passed after delivery of the last ECP prototype.

Block 14: The contractor shall submit data to the Government using the Government managed Integrated Data Environment.

- 17. PRICE GROUP: NSP
- 18. ESTIMATED TOTAL PRICE: NSP

G. PREPARED BY: Richard Gilliland
H: DATE: October 2013
I: APPROVED BY: Richard Gilliland
J: DATE: October 2013
PAGE 1 OF 1

DD FORM 1423, FEB 2001

CONTRACT DATA REQUIREMENT LIST, PREVIOUS EDITION MAY BE USED Form Approval OMB No. 0704-0188

A. CONTRACT LINE ITEM NO.: D001
B. EXHIBIT: S
C. CATEGORY:
TDP ____ TM ____ OTHER X ____
D. SYSTEM/ITEM: Stryker Family of Vehicles
E. CONTRACT/PR NO.: W56HZV-14-C-B019
F. CONTRACTOR: GM GDLS Defense Group, LLC

1. DATA ITEM NO: D001
2. TITLE: Information Assurance Report
3. SUBTITLE: NA
4. AUTHORITY: DI-MISC-80711A
5. CONTRACT REFERENCE: C.7.1.4.1
6. REQUIRING OFFICE: SFAE-GCS-SBCT-B
7. DD250 REQ: LT
8. APP CODE: NA
9. DIST. STATEMENT REQ: NA
10. FREQUENCY: As required, Maximum 3
11. AS OF DATE: NA
12. DATE OF FIRST SUBMISSION: See block 16
13. DATE OF SUBS. SUBMISSION: NA

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	macam.s.dattathreya.civ@mail.mil	

15. TOTAL COPIES: 1

16. REMARKS: Block 4: DI-MISC-80711A is tailored as follows:
Delete section 10.2.

Upon written request from the PMO SBCT, the contractor shall deliver an IA technical report to support USG mandated Information Assurance (IA) compliance and IA accreditation reviews for the Stryker FoV.

The report shall describe and/or depict Stryker FoV IA data requested.

The contractor shall deliver IA report(s) no later than 30 days after written notification from PMO SBCT.

The report shall be in Microsoft PowerPoint format. The report may contain links or attachments to files in other Microsoft Office formats or other product formats which are mutually agreed to by the PMO SBCT and the contractor.

17. PRICE GROUP: NSP
18. ESTIMATED TOTAL PRICE: NSP

G. PREPARED BY: Douglas Gersky
H: DATE: October 2013
I: APPROVED BY: Douglas Gersky
J: DATE: October 2013
PAGE 1 OF 1

PIIN/SIIN W56HZV-14-C-B019

MOD/AMD

ATT/EXH ID Exhibit S

PAGE 2

DD FORM 1423, FEB 2001
CONTRACT DATA REQUIREMENT LIST, PREVIOUS EDITION MAY BE USED Form Approval OMB No. 0704-0188

A. CONTRACT LINE ITEM NO.: D002
B. EXHIBIT: T
C. CATEGORY:
TDP ____ TM ____ OTHER X ____
D. SYSTEM/ITEM: Stryker Family of Vehicles
E. CONTRACT/PR NO.: W56HZV-14-C-B019
F. CONTRACTOR: GM GDLS Defense Group, LLC

-
1. DATA ITEM NO: D002
 2. TITLE: Information Assurance Design Review Information Package (DRIP)
 3. SUBTITLE: NA
 4. AUTHORITY: DI-MGMT-81845
 5. CONTRACT REFERENCE: C.7.1.4.2
 6. REQUIRING OFFICE: SFAE-GCS-SBCT-B
 7. DD250 REQ: LT
 8. APP CODE: NA
 9. DIST. STATEMENT REQ: NA
 10. FREQUENCY: See Block 16
 11. AS OF DATE: NA
 12. DATE OF FIRST SUBMISSION: See block 16
 13. DATE OF SUBS. SUBMISSION: See block 16

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15. TOTAL COPIES: 1

16. REMARKS:

The contractor shall deliver a Stryker Information Assurance (IA) Design Review Information Package (DRIP) for the ECP effort.

First Submission: The contractor shall deliver the DRIP no later than 15 days after the ECP efforts Critical Design Review (CDR).

Subsequent Submission: The contractor shall deliver an updated DRIP no later than 15 days after ECP efforts Test Readiness Review (TRR).

The Contractor shall deliver the DRIP in Microsoft Office format(s), Adobe Acrobat PDF format, or a combination thereof.

The structure of all deliverable system design analysis documentation shall utilize a Government documentation Data Item Description (DID) format or, if allowable by the DID specified below, an equivalent IEEE/ISO/IEC standard or other commercial document format. Where no Government DID is available an alternate IEEE/ISO/IEC standard has been specified.

1. IA Design Review Information Package (DRIP); DI-MGMT-81845.

Additional Instructions:

- A. The contractor will read all DI-MGT-81845 references to ship as Stryker FOV.
- B. The contractor may propose the deletion of specific DI-MGMT-81845 content items deemed not to be applicable to the Stryker FOV. The contractor shall provide a content deletion request to the government no later than 30 days after ECP phase II contractor award. The government will provide a response to the content deletion request within 10 days of receipt of the request. Per DI-MGT-81845, Section 2.3, item a, Applicable DoDI 8500.2 IA Controls, for this deliverable are those specified in SOW section C.7.2.1.4.3

17. PRICE GROUP: NSP
18. ESTIMATED TOTAL PRICE: NSP

G. PREPARED BY: Douglas Gersky
H: DATE: October 2013
I: APPROVED BY: Douglas Gersky
J: DATE: October 2013
PAGE 1 OF 1

DD FORM 1423, FEB 2001
CONTRACT DATA REQUIREMENT LIST, PREVIOUS EDITION MAY BE USED Form Approval OMB No. 0704-0188

A. CONTRACT LINE ITEM NO.: D003
B. EXHIBIT: U
C. CATEGORY:
TDP ____ TM ____ OTHER X____
D. SYSTEM/ITEM: Stryker Family of Vehicles
E. CONTRACT/PR NO.: W56HZV-14-C-B019
F. CONTRACTOR: GM GDLS Defense Group, LLC

1. DATA ITEM NO: D003
2. TITLE: Contractor System and Subsystem Test Plans
3. SUBTITLE: Engineering Analysis
4. AUTHORITY: DI-SESS-81704
5. CONTRACT REFERENCE: C.7.1.7.2
6. REQUIRING OFFICE: SFAE-GCS-SBCT-B
7. DD250 REQ: LT
8. APP CODE: NA
9. DIST. STATEMENT REQ: C
10. FREQUENCY: Initial and Final
11. AS OF DATE: NA
12. DATE OF FIRST SUBMISSION: 30 days prior to test event
13. DATE OF SUBS. SUBMISSION: See block 16

14. DISTRIBUTION:

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Bernard.j.larkin.civ@mail.mil	1	1	1	

15. TOTAL COPIES: 8

16. REMARKS: The vehicle system/subsystem test plan(s) shall address the following, if applicable, for each test to be performed:

- a. Use of modeling and simulation to support test approach.
- b. Use of system integration laboratories.
- c. Integration Readiness Levels (IRLs) of the technologies required to address the 4 key improvement areas as defined in the Phase 2 statement of work

Individual sub-system plans will be submitted separately from system level, or vehicle, plans.

All test procedures developed for Stryker FoV system integration validation, verification, and regression testing shall be included in this delivery.

The approved plan(s) shall be provided in contractor format and delivered electronically in Microsoft Word format to the USG NLT 30 days prior to start of any test(s).

17. PRICE GROUP: NSP
18. ESTIMATED TOTAL PRICE: NSP

G. PREPARED BY: Richard Worth
H: DATE: October 2013
I: APPROVED BY: Richard Worth
J: DATE: October 2013
PAGE 1 OF 1

PIIN/SIIN W56HZV-14-C-B019

MOD/AMD

ATT/EXH ID Exhibit U

PAGE 2

DD FORM 1423, FEB 2001
 CONTRACT DATA REQUIREMENT LIST, PREVIOUS EDITION MAY BE USED Form Approval OMB No. 0704-0188

A. CONTRACT LINE ITEM NO.: D004
 B. EXHIBIT: V
 C. CATEGORY:
 TDP ____ TM ____ OTHER X ____
 D. SYSTEM/ITEM: Stryker Family of Vehicles
 E. CONTRACT/PR NO.: W56HZV-14-C-B019
 F. CONTRACTOR: GM GDLS Defense Group, LLC

1. DATA ITEM NO: D004
 2. TITLE: System and Subsystem test reports
 3. SUBTITLE: Engineering Analysis
 4. AUTHORITY:
 5. CONTRACT REFERENCE: C.7.1.5.1.2, C.7.1.7.1., C.7.1.7.4
 6. REQUIRING OFFICE: SFAE-GCS-SBCT-B
 7. DD250 REQ: LT
 8. APP CODE: NA
 9. DIST. STATEMENT REQ: C
 10. FREQUENCY: One report per Demonstration
 11. AS OF DATE: NA
 12. DATE OF FIRST SUBMISSION: NLT 30 days after the end of each test
 13. DATE OF SUBS. SUBMISSION: See block 16

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patrick.j.foley24.civ@mail.mil	1			

15. TOTAL COPIES: 8

16. REMARKS:

The contractor shall deliver test reports for each test conducted for the phase II ECP effort no later than 30 days after the end of each test to the Government.

The Contractor shall deliver all test reports in Microsoft Office format(s), Adobe Acrobat PDF format, or a combination thereof.

The structure of all deliverable test reports listed below shall utilize a Government documentation Data Item Description (DID) format or, if allowable by the DID specified below, an equivalent IEEE/ISO/IEC standard or other commercial document format. Where no Government DID is available an alternate IEEE/ISO/IEC standard has been specified.

1. System and Subsystem Test Reports; DI-QCIC-81891.

The reports shall also include data from the test. All data collected during testing shall be included in tabulated format as an appendix to the report, and in an included excel file.

Contractor UIR Summaries shall be provided as appendix to the report in contractor format to include any incident reported during contractor testing and details of corrective actions taken.

17. PRICE GROUP: NSP
 18. ESTIMATED TOTAL PRICE: NSP

G. PREPARED BY: Kevin Kasa
 H: DATE: October 2013

I: APPROVED BY: Kevin Kasa
J: DATE: October 2013
PAGE 1 OF 1

DD FORM 1423, FEB 2001
CONTRACT DATA REQUIREMENT LIST, PREVIOUS EDITION MAY BE USED Form Approval OMB No. 0704-0188

A. CONTRACT LINE ITEM NO.: D005
B. EXHIBIT: W
C. CATEGORY:
TDP ____ TM ____ OTHER X ____
D. SYSTEM/ITEM: Stryker Family of Vehicles
E. CONTRACT/PR NO.: W56HZV-14-C-B019
F. CONTRACTOR: GM GDLS Defense Group, LLC

-
1. DATA ITEM NO: D005
 2. TITLE: Systems and Sub-Systems Documentation
 3. SUBTITLE: NA
 4. AUTHORITY: SEE BLOCK 16
 5. CONTRACT REFERENCE: C.7.1.8.1
 6. REQUIRING OFFICE: SFAE-GCS-SBCT-B
 7. DD250 REQ: LT
 8. APP CODE: NA
 9. DIST. STATEMENT REQ: NA
 10. FREQUENCY: See block 16
 11. AS OF DATE: See block 16
 12. DATE OF FIRST SUBMISSION: See block 16
 13. DATE OF SUBS. SUBMISSION: See block 16

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15. TOTAL COPIES: 3

16. REMARKS: The contractor shall deliver the following set of vehicle electronics development documentation for the phase II ECP effort no later than 15 days after the Critical Design Review (CDR) and again no later than 15 days after the Production Readiness Review (PRR).

The contractor shall deliver all vehicle electronics documentation in Microsoft Office format(s), Adobe Acrobat PDF format, or a combination thereof.

The structure of all deliverable software documentation listed below shall utilize a Government documentation Data Item Description (DID) format or, if allowable by the DID specified below, an equivalent IEEE/ISO/IEC standard or other commercial document format. Where no Government DID is available an alternate IEEE/ISO/IEC standard has been specified.

1. System/Subsystem Design Descriptions (SSDD); DI-IPSC-81432A
 - a. Alternate allowed per DI-IPSC-81432A section 3.g
2. Sub-System Performance Specifications (SSPS); <No DID Available>
 - a. Department of Defense Document (DoDD) SD-15, Guide for Performance Specifications
3. Commercial Item Descriptions (CID); <No DID Available>
 - a. DoDD SD-15, Guide for Performance Specifications.
 - b. IEEE 1515-2000, IEEE Recommended Practice for Electronics Power Subsystems; Parameter Definitions, Test Conditions, and Test Methods.
4. Interface Control Documents (ICD); DI-CMAN-81428A
 - a. Alternate allowed per DI-CMAN-81428A Requirement 2.
5. Interface Design Descriptions (IDD); DI-IPSC-81436

a. Alternate allowed per DI-IPSC-81436 section 10.1.i

Additional Instructions:

A. For the SSPS (item #2) and the CID (item #3) deliverables, government DIDs or direct commercial standards are not available. The alternates listed are development guidance material for engineering documents of this type.

B. The contractor shall use DoDD SD-15 as the preferred guidance document for the development of these items. The contractor may use IEEE 1515-2000 as additional guidance for item #3, for contractor developed components covered by this IEEE recommended practices document.

C. A definition of a Commercial Item Description (CID) is provided in DoDD SD-15, chapter 3.

17. PRICE GROUP: NSP

18. ESTIMATED TOTAL PRICE: NSP

G. PREPARED BY: Doug Gersky

H: DATE: October 2013

I: APPROVED BY: Doug Gersky

J: DATE: October 2013

PAGE 1 OF 1

DD FORM 1423, FEB 2001
CONTRACT DATA REQUIREMENT LIST, PREVIOUS EDITION MAY BE USED Form Approval OMB No. 0704-0188

A. CONTRACT LINE ITEM NO.: D006
B. EXHIBIT: X
C. CATEGORY:
TDP ____ TM ____ OTHER X ____
D. SYSTEM/ITEM: Stryker Family of Vehicles
E. CONTRACT/PR NO.: W56HZV-14-C-B019
F. CONTRACTOR: GM GDLS Defense Group, LLC

-
1. DATA ITEM NO: D006
 2. TITLE: Software Development Documentation
 3. SUBTITLE: NA
 4. AUTHORITY: SEE BLOCK 16
 5. CONTRACT REFERENCE: C.7.1.8.2,
 6. REQUIRING OFFICE: SFAE-GCS-SBCT-B
 7. DD250 REQ: LT
 8. APP CODE: NA
 9. DIST. STATEMENT REQ: NA
 10. FREQUENCY: See block 16
 11. AS OF DATE: See block 16
 12. DATE OF FIRST SUBMISSION: See block 16
 13. DATE OF SUBS. SUBMISSION: See block 16

14. DISTRIBUTION:

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15. TOTAL COPIES: 3

16. REMARKS: The contractor shall deliver the following set of software development documentation for the phase II ECP effort no later than 15 days after the Critical Design Review and again no later than 10 days after every release of the Stryker Family of Vehicles (FoV) system software to the Government.

The Contractor shall deliver all software documentation in Microsoft Office format(s), Adobe Acrobat PDF format, or a combination thereof.

The structure of all deliverable software documentation listed below shall utilize a Government documentation Data Item Description (DID) format or, if allowable by the DID specified below, an equivalent IEEE/ISO/IEC standard or other commercial document format. Where no Government DID is available an alternate IEEE/ISO/IEC standard has been specified.

1. Software Requirements Specifications (SRS); DI-IPSC-81433.
 - a. Alternate allowed per DI-IPSC-81433 section 10.1.i
2. Interface Requirements Specifications (IRS); DI-IPSC-81434.
 - a. Alternate allowed per DI-IPSC-81434 section 10.1.i
3. Software Test Plans (STP); DI-IPSC-81438
 - a. Alternate allowed per DI-IPSC-81434 section 10.1.i
4. Software Design Documents (SDD); DI-IPSC-81435
 - a. Alternate allowed per DI-IPSC-81435 section 10.1.i
5. Interface Design Descriptions (IDD); DI-IPSC-81436
 - a. Alternate allowed per DI-IPSC-81436 section 10.1.i

17. PRICE GROUP: NSP
18. ESTIMATED TOTAL PRICE: NSP

G. PREPARED BY: Doug Gersky
H: DATE: October 2013
I: APPROVED BY: Doug Gersky
J: DATE: October 2013
PAGE 1 OF 1

DD FORM 1423, FEB 2001
CONTRACT DATA REQUIREMENT LIST, PREVIOUS EDITION MAY BE USED Form Approval OMB No. 0704-0188

A. CONTRACT LINE ITEM NO.: D007
B. EXHIBIT: Y
C. CATEGORY:
TDP ____ TM ____ OTHER X____
D. SYSTEM/ITEM: Stryker Family of Vehicles
E. CONTRACT/PR NO.: W56HZV-14-C-B019
F. CONTRACTOR: GM GDLS Defense Group, LLC

1. DATA ITEM NO: D007
2. TITLE: Software Quality Assurance Plan
3. SUBTITLE: NA
4. AUTHORITY: SEE BLOCK 16
5. CONTRACT REFERENCE: C.7.1.8.5
6. REQUIRING OFFICE: SFAE-GCS-SBCT-B
7. DD250 REQ: LT
8. APP CODE: NA
9. DIST. STATEMENT REQ: NA
10. FREQUENCY: See block 16
11. AS OF DATE: See block 16
12. DATE OF FIRST SUBMISSION: See block 16
13. DATE OF SUBS. SUBMISSION: See block 16

14. DISTRIBUTION:

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15. TOTAL COPIES: 3

16. REMARKS: The contractor shall deliver an ECP effort Software Quality Assurance Plan (SQAP) no later than 45 days after the ECP Phase II contract award.

Following the contractors first submission, PMO SBCT will review the SQAP; providing comments back to the contractor within 15 days. The contractor shall submit a response to PMO SBCT comments no later than 15 days after receipt.

The Contractor shall prepare the deliverable in Microsoft Office format(s), Adobe Acrobat PDF format, or a combination thereof.

The structure of all deliverable documentation listed below shall utilize a Government documentation Data Item Description (DID) format or, if allowable by the DID specified below, an equivalent IEEE/ISO standard or commercial document format. Where no Government DID is available an alternate IEEE/ISO standard has been specified.

1. Software Quality Assurance Plan (SQAP); <No DID available>.
a. Alternate: IEEE Standard 730, IEEE Standard for Quality Assurance Plans.

17. PRICE GROUP: NSP
18. ESTIMATED TOTAL PRICE: NSP

G. PREPARED BY: Doug Gersky
H: DATE: October 2013
I: APPROVED BY: Doug Gersky
J: DATE: October 2013
PAGE 1 OF 1

PIIN/SIIN W56HZV-14-C-B019

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PAGE 2

DD FORM 1423, FEB 2001
CONTRACT DATA REQUIREMENT LIST, PREVIOUS EDITION MAY BE USED Form Approval OMB No. 0704-0188

A. CONTRACT LINE ITEM NO.: D008
B. EXHIBIT: Z
C. CATEGORY:
TDP ____ TM ____ OTHER X____
D. SYSTEM/ITEM: Stryker Family of Vehicles
E. CONTRACT/PR NO.: W56HZV-14-C-B019
F. CONTRACTOR: GM GDLS Defense Group, LLC

1. DATA ITEM NO: D008
2. TITLE: Software Transition Plan (STRP)
3. SUBTITLE: NA
4. AUTHORITY: DI-IPSC-81429A
5. CONTRACT REFERENCE: C.7.1.8.6
6. REQUIRING OFFICE: SFAE-GCS-SBCT-B
7. DD250 REQ: LT
8. APP CODE: NA
9. DIST. STATEMENT REQ: NA
10. FREQUENCY: Twice
11. AS OF DATE: NA
12. DATE OF FIRST SUBMISSION: 15 days after CDR
13. DATE OF SUBS. SUBMISSION: 15 days after PRR

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16. REMARKS: Date of First Submission (Phase II): The contractor shall deliver a Software Transition Plan (STRP) for the Phase II ECP effort no later than 15 days after the ECP efforts Critical Design Review (CDR).

Date of Subsequent Submission (Phase II): The contractor shall deliver a revised STRP no later than 15 days after the contractors Production Readiness Review (PRR). The revised STRP shall address any variances to software transition planning introduced since STRP date of first submission.

Following each of the contractors STRP submissions, PMO SBCT will review the STRP and provide comments back to the contractor within 15 days. The contractor shall submit a response to the PMO SBCT comment no later than 15 days after receipt.

The Contractor shall deliver all software documentation in Microsoft Office format(s), Adobe Acrobat PDF format, or a combination thereof.

The structure of all deliverable software documentation listed below shall utilize a Government documentation Data Item Description (DID) format or, if allowable by the DID specified below, an equivalent IEEE/ISO/IEC standard or other commercial document format. Where no Government DID is available an alternate IEEE/ISO/IEC standard has been specified.

- 1. Software Transition Plan (STRP); DI-IPSC-81429A.
- a. Alternate allowed per DI-IPSC-81429A section 4.g

Additional Instructions:

A. For the purpose of this CDRL the support agency referred to in DI-IPSC-81429A is PMO SBCT.

B. The STRP shall document the software transition process, at a minimum, down to the level of the contractors first tier sub-contractors.

C. The STRP shall include a listing and a short description of each Computer Software Configuration Items (CSCI), supplied by the contractor and its first tier sub-contractors.

D. The STR shall include the Contractors determination of the U.S. Governments Technical Data Rights, for all CSCIs and those CSCIs constituent software modules, supplied by either the contractor or its first tier subcontractor(s).

17. PRICE GROUP: NSP
18. ESTIMATED TOTAL PRICE: NSP

G. PREPARED BY: Doug Gersky
H: DATE: October 2013
I: APPROVED BY: Doug Gersky
J: DATE: October 2013
PAGE 1 OF 1

DD FORM 1423, FEB 2001
CONTRACT DATA REQUIREMENT LIST, PREVIOUS EDITION MAY BE USED Form Approval OMB No. 0704-0188

A. CONTRACT LINE ITEM NO.: D009
B. EXHIBIT: AA
C. CATEGORY:
TDP ____ TM ____ OTHER X____
D. SYSTEM/ITEM: Stryker Family of Vehicles
E. CONTRACT/PR NO.: W56HZV-14-C-B019
F. CONTRACTOR: GM GDLS Defense Group, LLC

1. DATA ITEM NO: D009
2. TITLE: Software Metrics
3. SUBTITLE: NA
4. AUTHORITY: See Block 16.
5. CONTRACT REFERENCE: C.7.1.8.7
6. REQUIRING OFFICE: SFAE-GCS-SBCT-B
7. DD250 REQ: LT
8. APP CODE: NA
9. DIST. STATEMENT REQ: NA
10. FREQUENCY: Per metric type. See Block 16
11. AS OF DATE: NA
12. DATE OF FIRST SUBMISSION: Per metric type.
See Block 16
13. DATE OF SUBS. SUBMISSION: Thursday of delivery week for each metric.

14. DISTRIBUTION:

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15. TOTAL COPIES: 3

16. REMARKS: The contractor shall deliver Software Metrics for the ECP Phase II effort.

The Contractor shall deliver all software metrics in Microsoft Office format(s), Adobe Acrobat PDF format, or a combination thereof. A software metric requiring a specific delivery format will be cited in the metric description.

The structure of all deliverable software documentation shall utilize a Government documentation Data Item Description (DID) format or, if allowable by the DID specified below, an equivalent IEEE/ISO/IEC standard or other commercial document format. Where no Government DID is available an alternate IEEE/ISO/IEC standard has been specified.

- 1. Software Metrics; <No DID Available>
- a. Alternate: IEEE Standard 1045-1992, IEEE Standard for Software Productivity Metrics.
- b. Alternate: ISO/IEC TR 9126-2:2003, Software Engineering Product Quality Part 2: External Metrics
- c. Alternate: ISO/IEC TR 9126-3:2003, Software Engineering Product Quality Part 3: Internal Metrics
- d. Alternate: ISO/IEC TR 9126-4:2004, Software Engineering Product Quality Part 4: Quality in use Metrics

2. Utilizing the IEEE/ISO/IEC standards cited above as guidance, the contractor shall deliver the software metrics listed below. At the date of first submission, the contractor may propose alternate and/or modified software metrics or formats other than those listed. The government will respond to the contractor proposed alternates/modifications within 10 days.

3. The content of each metric, date of first submission, and subsequent delivery rate is specified per metric type listed below.

Note: The document, Future Combat Systems (FCS) Software Measurement Plan (SMP); D786-10252-1 Rev B, 30 March 2005, was used by PMO SBCT personnel in development of the metrics below and their formats. This document will be made available to the contractor upon request.

Metrics List:

1. Source Lines of Code (SLOC):

First Submission: When initial s/w baseline is released from GDLS configuration management (CM); e.g. v0.1.
Delivery Rate: When each subsequent s/w baseline is released from GDLS CM; e.g. v0.2, v0.3, \ '85 ,v1.0]

- a. SLOC Count
 - i. Generated for every software module (CSCI)
 - ii. Develop estimated count for each software module (CSCI)
 - iii. Used to develop maintenance cost estimates
- b. SLOC Types
 - i. New - First implementation of code
 - ii. Modified - Previously developed code with changes which will alter the codes function
 - iii. Reuse - Previously developed code with limited changes which will not alter the codes function
- c. Measurable(s)
 - i. Total lines of code
 - ii. Estimated lines of code required
- d. Metric Calculation
 - i. $\{ |(\text{estimated lines total lines})| / \text{estimated lines} \} * 100$
- e. Metric Status Thresholds
 - i. Green - Less than or equal to 5%
 - ii. Yellow - Greater than 5% and less than or equal to 10%
 - iii. Red - Greater than 10%
2. Requirements Stability:

First Submission: When initial s/w baseline is released from GDLS configuration management (CM); e.g. v0.1.
Delivery Rate: When each subsequent s/w baseline is released from GDLS CM; e.g. v0.2, v0.3, \ '85 ,v1.0]

- a. Measurable(s)
 - i. Requirements deleted
 - ii. Requirements added
 - iii. Requirements modified
 - iv. Total planned requirements
- b. Metric Calculation
 - I. $\{ (\text{total planned total deleted, added, modified}) / \text{total planned} \} * 100$
- c. Metric Status Thresholds
 - I. Green - Greater than or equal to 97%
 - II. Yellow - Less than 97% and greater than or equal to 92%
 - III. Red - Less than 92%
3. Processor Throughput Utilization:

First Submission: When initial s/w baseline is released from GDLS configuration management (CM); e.g. v0.1.
Delivery Rate: When each subsequent s/w baseline is released from GDLS CM; e.g. v0.2, v0.3, \ '85 ,v1.0]

- a. Measureable(s)
 - i. Average throughput demand
 - ii. Peak throughput demand
 - iii. Performance capability
 - iv. Peak Processor Load
- b. Metric Calculation
 - i. $\{ (\text{performance capability average demand}) / \text{performance capability} \} * 100$
 - ii. $\{ (\text{performance capability peak demand}) / \text{performance capability} \} * 100$
- c. Metric Status Thresholds
 - i. Green
 1. Average - Greater than or equal to 30%
 2. Peak - Greater than or equal to 15%
 - ii. Yellow
 1. Average - Less than 30% and greater than or equal to 15%
 2. Peak - Less than 15% and greater than or equal to 10%
 - iii. Red
 1. Average - Less than 15%
 2. Peak - Less than 10%
4. Memory Utilization:

First Submission: When initial s/w baseline is released from GDLS configuration management (CM); e.g. v0.1.
Delivery Rate: When each subsequent s/w baseline is released from GDLS CM; e.g. v0.2, v0.3, \ '85 ,v1.0]

- a. Measureable(s)
- i. Memory available
- ii. Memory required
- iii. Peak Memory Usage
- b. Metric Calculation
- i. $\{(memory\ available\ -\ memory\ required)\ / \ memory\ required\} * 100$
- c. Metric Status Thresholds
- i. Green - Greater than or equal to 30%
- ii. Yellow - Less than 30% and greater than or equal to 15%
- iii. Red - Less than 15%

5. Databus Utilization:

First Submission: When initial s/w baseline is released from GDLS configuration management (CM); e.g. v0.1.
Delivery Rate: When each subsequent s/w baseline is released from GDLS CM; e.g. v0.2, v0.3, \ '85 ,v1.0]

- a. Measureable(s)
- i. Average databus usage
- ii. Peak databus usage
- iii. Databus performance capability
- iv. Transmission error rate
- v. Average transmission time
- b. Metric Calculation
- i. $\{(performance\ capability\ -\ average\ usage)\ / \ performance\ capability\} * 100$
- ii. $\{(performance\ capability\ -\ peak\ usage)\ / \ performance\ capability\} * 100$
- c. Metric Status Thresholds
- i. Green
- 1. Average - Greater than or equal to 30%
- 2. Peak - Greater than or equal to 15%
- ii. Yellow
- 1. Average - Less than 30% and greater than or equal to 15%
- 2. Peak - Less than 15% and greater than or equal to 10%
- iii. Red
- 1. Average - Less than 15%
- 2. Peak - Less than 10%

6. Staffing Profile:

First Submission: 30 days after contract award.
Delivery Rate: Monthly after first submission.

- a. Measureable(s)
- i. Total staff
- ii. Estimated staff required
- b. Metric Calculation
- i. $\{|(estimated\ staff\ -\ total\ staff)|\ / \ total\ staff\} * 100$
- c. Metric Status Thresholds
- i. Green - Less than or equal to 5%
- ii. Yellow - Greater than 5% and less than or equal to 15%
- iii. Red - Greater than 15%

7. Software Issue Tracking:

First Submission: When initial s/w baseline is released from GDLS configuration management (CM); e.g. v0.1.
Delivery Rate: Every two weeks after first submission.

- a. This metric shall be delivered in Microsoft Excel format in addition to any other contractor selected formats.

- b. The contractor shall provide a s/w issue list consisting of the following information:
- i. Unique issue identifier
 - ii. USG TIR number (when applicable)
 - iii. Title
 - iv. Description
 - v. Date reported/created
 - vi. Date of last issue update
 - vii. Date closed
 - viii. State (e.g. review, open, retest, verify, etc)
 - ix. Cumulative days in Open state
 - x. Open State threshold from metric table 7c below.
 - xi. Severity level
 - xii. Type (S/W or S/W Documentation)
 - xiii. CSCI or S/W document identifier (base on Type)
- c. Measurable(s)
- i. Total issues reported
 - ii. Total issues closed
 - iii. Total issues reported per State, per Severity, per Type (CSCI or S/W Documentation), per CSCI or S/W Document (based on Type)
 - iv. Rate of issue closure
 - v. Average time in States per CSCI
 - vi. Average time in States for S/W Documentation Type
 - vii. Total issues returned to Open state
- d. Example Metric - Issue Days in Open State Thresholds
- i. Thresholds may be set based on contractors internal software engineering processes. Thresholds listed are for example purposes only.
 - ii. Severity assignment method may be based on contractors internal software engineering processes. 3 level severity assignments shown are for example purposes only.

	Days in Open State (D)				
Severity	D <= 14	14 < D < 30	D < 90	90 < D < 180	D > 180
1					
2					
3					

17. PRICE GROUP: NSP
 18. ESTIMATED TOTAL PRICE: NSP

 G. PREPARED BY: Doug Gersky
 H: DATE: October 2013
 I: APPROVED BY: Doug Gersky
 J: DATE: October 2013
 PAGE 1 OF 1

DD FORM 1423, FEB 2001
CONTRACT DATA REQUIREMENT LIST, PREVIOUS EDITION MAY BE USED Form Approval OMB No. 0704-0188

A. CONTRACT LINE ITEM NO.: D010
B. EXHIBIT: AB
C. CATEGORY:
TDP ____ TM ____ OTHER X____
D. SYSTEM/ITEM: Stryker Family of Vehicles
E. CONTRACT/PR NO.: W56HZV-14-C-B019
F. CONTRACTOR: GM GDLS Defense Group, LLC

1. DATA ITEM NO: D010
2. TITLE: Fire Suppression M&S Data
3. SUBTITLE: NA
4. AUTHORITY: DI-SESS-81002F
5. CONTRACT REFERENCE: C.7.1.11
6. REQUIRING OFFICE: SFAE-GCS-SBCT-B
7. DD250 REQ: LT
8. APP CODE: NA
9. DIST. STATEMENT REQ: C
10. FREQUENCY: Twice
11. AS OF DATE: NA
12. DATE OF FIRST SUBMISSION: 180 after PDR
13. DATE OF SUBS. SUBMISSION: Upon Request (2X)

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	Thomas.a.Howie.civ@mail.mil	1

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16. REMARKS: Block 4: DI-SESS-81002F is tailored as follows:

Delete TDP Option Selection Worksheet. Delete Requirements block 2-4.

The contractor shall provide the following data to support USG fire suppression M&S:

1. A list of the Stryker DVH vehicle variants that need to be simulated.
 - a. CAD models for the interior of each variant that include the engine and crew AFES components, and address the hatches, occupants, stowage plan(s) and other space claim variables.
 2. The following data are required for any changes beyond the baseline fielded DVH vehicle.
 - a. Operating temperatures and altitude ranges of the vehicle.
 - b. Extinguisher cylinder size, amount of agent, charge pressure and plumbing details (e.g, hose inner area and length).
 - c. Distribution nozzle description (droplet velocity vs. time, cone angle vs. time, droplet size distribution vs. time, flow rate vs. time).
 - d. Fire threats based on a hazard assessment that can be reduced to simulation variables (fuel flow rate, ignition source, etc.) for crew and engine compartments.
 - e. Max POL and engine surface temperatures.
 - f. Air flow maps of engine and crew areas for minimum and maximum rates.
 - g. HVAC and equipment cooling information (blower characteristics, A/C capacity, amount of fresh air, cabin leakage curves).
3. The contractor shall deliver all CAD models in native CAD and either STEP or IGES files.

17. PRICE GROUP: NSP

18. ESTIMATED TOTAL PRICE: NSP

G. PREPARED BY: Jeffery Mosley

H: DATE: October 2013

I: APPROVED BY: Jeffery Mosley

J: DATE: October 2013

PAGE 1 OF 1

DD FORM 1423, FEB 2001
CONTRACT DATA REQUIREMENT LIST, PREVIOUS EDITION MAY BE USED Form Approval OMB No. 0704-0188

A. CONTRACT LINE ITEM NO.: D011
B. EXHIBIT: AC
C. CATEGORY:
TDP ____ TM ____ OTHER X____
D. SYSTEM/ITEM: Stryker Family of Vehicles
E. CONTRACT/PR NO.: W56HZV-14-C-B019
F. CONTRACTOR: GM GDLS Defense Group, LLC

1. DATA ITEM NO: D011
2. TITLE: Ballistic Vulnerability M&S Data
3. SUBTITLE: Ballistic Characterization Data
4. AUTHORITY: DI-SESS-81002F
5. CONTRACT REFERENCE: C.7.1.11
6. REQUIRING OFFICE: SFAE-GCS-SBCT-B
7. DD250 REQ: LT
8. APP CODE: NA
9. DIST. STATEMENT REQ: C
10. FREQUENCY: Twice
11. AS OF DATE: NA
12. DATE OF FIRST SUBMISSION: 180 after PDR
13. DATE OF SUBS. SUBMISSION: Upon Request (2X)

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	Jeffery.Mosley@us.army.mil	1

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16. REMARKS: Block 4: DI-SESS-81002F is tailored as follows:

Delete TDP Option Selection Worksheet. Delete Requirements block 2-4.

The contractor shall provide the following data to support USG ballistic vulnerability M&S:

1. A list of the Stryker DVH vehicle variants that need to be simulated.
 - a. CAD models for the exterior and interior of each variant that includes the engine and crew compartments, and address the hatches, occupants, stowage plan(s) and other space claim variables.

1. The following data are required for any changes beyond the baseline fielded DVH vehicle.
 - a. Armor geometries and recipes.
 - b. Repositioning of components.
 - c. Critical failure modes.
 - d. Volumes for POL and stowed combustibles.

2. The contractor shall deliver all CAD models in native CAD and either STEP or IGES files.

17. PRICE GROUP: NSP
18. ESTIMATED TOTAL PRICE: NSP

G. PREPARED BY: Jeffery Mosley
H: DATE: October 2013
I: APPROVED BY: Jeffery Mosley
J: DATE: October 2013
PAGE 1 OF 1

DD FORM 1423, FEB 2001
CONTRACT DATA REQUIREMENT LIST, PREVIOUS EDITION MAY BE USED Form Approval OMB No. 0704-0188

A. CONTRACT LINE ITEM NO.: D012
B. EXHIBIT: AD
C. CATEGORY:
TDP ____ TM ____ OTHER X ____
D. SYSTEM/ITEM: Stryker Family of Vehicles
E. CONTRACT/PR NO.: W56HZV-14-C-B019
F. CONTRACTOR: GM GDLS Defense Group, LLC

1. DATA ITEM NO: D012
2. TITLE: Reliability Case Report
3. SUBTITLE: NA
4. AUTHORITY: DI-NDTI-81585A
5. CONTRACT REFERENCE: C.7.1.15.2
6. REQUIRING OFFICE: SFAE-GCS-SBCT-B
7. DD250 REQ: LT
8. APP CODE: NA
9. DIST. STATEMENT REQ: NA
10. FREQUENCY: See Block 16
11. AS OF DATE: See Block 16
12. DATE OF FIRST SUBMISSION: 30 days before CDR
13. DATE OF SUBS. SUBMISSION: See Block 16

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16. REMARKS: BLK 4: DI-NDTI-81585A is tailored as follows:

Deleted:
Sections 3.a-r

The Contractor shall submit a Reliability Case Report in Contractor Format to the USG for evaluation and approval 30 days before CDR. The Government will have 30 days from receipt of the report to submit any comments. The Contractor shall submit the final report within 30 days of receipt of Government comments.

Content - The report shall contain:

- a. Product Description A description which reflects the system being reported on such as physical characteristics and interface boundaries, etc.
- b. Reliability Requirements This section describes the rationale for the requirements and the Contractors progress towards meeting the program requirements. It should show the latest estimate of the products reliability and maintainability. Changes from previous Status Reports should be highlighted.
- c. Reliability Risk Area This section identifies the risk areas associated with striving to achieve the product reliability requirement and how these risks have been managed since the last status report.

d. Reliability Program Changes This section identify the changes made to the reliability program since the last Status Report and any intended changes in the remaining period prior to delivery of the product.

e. Reliability Evidence This section summarize the evidence gathered during the program from the various Reliability activities undertaken. This section should discuss the status and outcomes of Reliability activities for (1) the identification, analysis, classification and mitigation of failure modes for ECP components (2) identification, analysis, classification and mitigation of failure modes for historically prevalent failures observed during reliability testing (i.e. Class III Engine Oil/Coolant Leaks, E-W Drive Shaft (Half Shafts), Differentials , Wheel Hubs, Height Management System) (3) identification, analysis, classification and mitigation of failure modes pertaining to idle time in the OMS/MP (4) identify critical elements in the system design and additional design or testing activities required in order to achieve the reliability requirements (5) provide mitigation plans for critical elements (6) provide evidence of mitigation via design changes or test results or both in monthly updates until critical elements are fully mitigated.

f. Reliability Claims This section shall provide the rationale and/or justification as to why each of the requirements will be met in service, based on the evidence and any assumptions. All assumptions should be listed explicitly.

17. PRICE GROUP: NSP

18. ESTIMATED TOTAL PRICE: NSP

G. PREPARED BY: Mike Croke

H: DATE: October 2013

I: APPROVED BY: Mike Croke

J: DATE: October 2013

PAGE 1 OF 1

DD FORM 1423, FEB 2001
CONTRACT DATA REQUIREMENT LIST, PREVIOUS EDITION MAY BE USED Form Approval OMB No. 0704-0188

A. CONTRACT LINE ITEM NO.: D013
B. EXHIBIT: AE
C. CATEGORY:
TDP ____ TM ____ OTHER X____
D. SYSTEM/ITEM: Stryker Family of Vehicles
E. CONTRACT/PR NO.: W56HZV-14-C-B019
F. CONTRACTOR: GM GDLS Defense Group, LLC

1. DATA ITEM NO: D013
2. TITLE: CBRN Survivability and Decontamination Compliance Report
3. SUBTITLE: NA
4. AUTHORITY: DI-MISC-80711A
5. CONTRACT REFERENCE: C.7.1.16.
6. REQUIRING OFFICE: SFAE-GCS-SBCT-B
7. DD250 REQ: LT
8. APP CODE: NA
9. DIST. STATEMENT REQ: NA
10. FREQUENCY: Once
11. AS OF DATE: NA
12. DATE OF FIRST SUBMISSION: 45 days prior to CDR
13. DATE OF SUBS. SUBMISSION: NA

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scott.p.hill12.civ@mail.mil			

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16. REMARKS: Block 4: DI-MISC-80711A is tailored as follows:
Delete section 10.2.

The report shall detail each Stryker variants compliance with the CBRN SPS requirements including INWE (Initial Nuclear Weapons Effects).

The contractor shall deliver the report in Microsoft Office format(s), Adobe Acrobat PDF format, or a combination thereof.

17. PRICE GROUP: NSP
18. ESTIMATED TOTAL PRICE: NSP

G. PREPARED BY: Mike Cole
H: DATE: October 2013
I: APPROVED BY: Mike Cole
J: DATE: October 2013
PAGE 1 OF 1

PIIN/SIIN W56HZV-14-C-B019

MOD/AMD

ATT/EXH ID Exhibit AE

PAGE 2

DD FORM 1423, FEB 2001

CONTRACT DATA REQUIREMENT LIST, PREVIOUS EDITION MAY BE USED Form Approval OMB No. 0704-0188

A. CONTRACT LINE ITEM NO.: D014
B. EXHIBIT: AF
C. CATEGORY:
TDP ____ TM ____ OTHER X____
D. SYSTEM/ITEM: Stryker Family of Vehicles
E. CONTRACT/PR NO.: W56HZV-14-C-B019
F. CONTRACTOR: GM GDLS Defense Group, LLC

1. DATA ITEM NO: D014
2. TITLE: Modified Kit Fit-up Corrective Action Report
3. SUBTITLE: NA
4. AUTHORITY: DI-MISC-80711A
5. CONTRACT REFERENCE: C.7.2.1.6.1
6. REQUIRING OFFICE: SFAE-GCS-SBCT-B
7. DD250 REQ: LT
8. APP CODE: NA
9. DIST. STATEMENT REQ: NA
10. FREQUENCY: Twice
11. AS OF DATE: NA
12. DATE OF FIRST SUBMISSION: See block 16
13. DATE OF SUBS. SUBMISSION: See block 16

14. DISTRIBUTION:

A.	ADDRESSEE:	B. COPIES:
		FINAL
		DRAFT REG REPRO:
	richard.d.worth4.civ@mail.mil	1

15. TOTAL COPIES: 1

16. REMARKS: Block 4: DI-MISC-80711A is tailored as follows:
Delete section 10.2.

Contractor shall document any interferences or incompatibilities of kits for the ECP vehicle and outline corrective actions to be taken to modify kits to be accommodated on the ECP vehicle.

Reports will specify which variants are affected and be delivered in contractors format. The contractor shall deliver all assessments in Microsoft Office format(s), Adobe Acrobat PDF format, or a combination thereof.

Date of Submission: 30 days after initial and second fit-ups.

17. PRICE GROUP: NSP
18. ESTIMATED TOTAL PRICE: NSP

G. PREPARED BY: Mike Cole
H: DATE: October 2013
I: APPROVED BY: Mike Cole
J: DATE: October 2013
PAGE 1 OF 1

PIIN/SIIN W56HZV-14-C-B019

MOD/AMD

ATT/EXH ID Exhibit AF

PAGE 2

DD FORM 1423, FEB 2001
CONTRACT DATA REQUIREMENT LIST, PREVIOUS EDITION MAY BE USED Form Approval OMB No. 0704-0188

A. CONTRACT LINE ITEM NO.: D015
B. EXHIBIT: AG
C. CATEGORY:
TDP ____ TM ____ OTHER X____
D. SYSTEM/ITEM: Stryker Family of Vehicles
E. CONTRACT/PR NO.: W56HZV-14-C-B019
F. CONTRACTOR: GM GDLS Defense Group, LLC

1. DATA ITEM NO: D015
2. TITLE: ECP Kit Drawing
3. SUBTITLE: NA
4. AUTHORITY: DI-SESS-81002F
5. CONTRACT REFERENCE: C.7.1.7.6
6. REQUIRING OFFICE: SFAE-GCS-SBCT-B
7. DD250 REQ: LT
8. APP CODE: NA
9. DIST. STATEMENT REQ: NA
10. FREQUENCY: Once
11. AS OF DATE: NA
12. DATE OF FIRST SUBMISSION: See block 16
13. DATE OF SUBS. SUBMISSION: NA

14. DISTRIBUTION:

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	Bobby.J.Buckley2.civ@mail.mil	1

15. TOTAL COPIES: 2

16. REMARKS: Block 4: DI-SESS 81002F is tailored as follows:

Delete TDP Option Selection Worksheet. Delete Requirements blocks 3 and 4.

Contractor shall provide Type 2D production level drawings of any DVH kits modified for the ECP vehicle.

Contractor shall provide Type 2D production level drawings of any delta kits necessary for the ECP vehicle to accommodate government specified kits on the vehicle.

In addition, the contractor shall provide production level drawings for the next lower assembly, for the ECP delta kits.

Reports shall specify which variants are affected and be delivered in Adobe pdf or MS Visio format.

Date of Submission: 30 days before CDR.

17. PRICE GROUP: NSP
18. ESTIMATED TOTAL PRICE: NSP

G. PREPARED BY: Mike Cole
H: DATE: October 2013
I: APPROVED BY: Mike Cole
J: DATE: October 2013

DD FORM 1423, FEB 2001

CONTRACT DATA REQUIREMENT LIST, PREVIOUS EDITION MAY BE USED Form Approval OMB No. 0704-0188

A. CONTRACT LINE ITEM NO.: D016
B. EXHIBIT: AH
C. CATEGORY:
TDP ____ TM ____ OTHER X ____
D. SYSTEM/ITEM: Stryker Family of Vehicles
E. CONTRACT/PR NO.: W56HZV-14-C-B019
F. CONTRACTOR: GM GDLS Defense Group, LLC

1. DATA ITEM NO: D016
2. TITLE: Risk Management Status Report
3. SUBTITLE: NA
4. AUTHORITY: DI-MGMT-81809
5. CONTRACT REFERENCE: C.7.2.7.2.
6. REQUIRING OFFICE: SFAE-GCS-SBCT-B
7. DD250 REQ: NO
8. APP CODE: NA
9. DIST. STATEMENT REQ: D
10. FREQUENCY: See block 16
11. AS OF DATE: NA
12. DATE OF FIRST SUBMISSION: 2 weeks after contract award
13. DATE OF SUBS. SUBMISSION: See block 16

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	michael.j.cole2.civ@mail.mil	1

15. TOTAL COPIES: 2

16. REMARKS: Block 4: DI-MGMT 81809 is tailored as follows:

Delete 1.

The report shall be in Microsoft Excel and PowerPoint format.

The Contractor shall address technical (T) risk.

Delete 3.

The report shall be in Microsoft Excel and PowerPoint format.

Block 10:

Technical risk report shall be submitted when risk occurs

Cost, performance and schedule risk submission is monthly.

17. PRICE GROUP: NSP
18. ESTIMATED TOTAL PRICE: NSP

G. PREPARED BY: Doug Worth
H: DATE: October 2013
I: APPROVED BY: Doug Worth
J: DATE: October 2013
PAGE 1 OF 1

PIIN/SIIN W56HZV-14-C-B019

MOD/AMD

ATT/EXH ID Exhibit AH

PAGE 2

DD FORM 1423, FEB 2001
CONTRACT DATA REQUIREMENT LIST, PREVIOUS EDITION MAY BE USED Form Approval OMB No. 0704-0188

A. CONTRACT LINE ITEM NO.: D017
B. EXHIBIT: AI
C. CATEGORY:
TDP _____ TM _____ OTHER X _____
D. SYSTEM/ITEM: Stryker Family of Vehicles
E. CONTRACT/PR NO.: W56HZV-14-C-B019
F. CONTRACTOR: GM GDLS Defense Group, LLC

1. DATA ITEM NO: D017
2. TITLE: One-Wire Diagrams
3. SUBTITLE: NA
4. AUTHORITY: SEE BLOCK 16
5. CONTRACT REFERENCE: C.7.1.8.1.
6. REQUIRING OFFICE: SFAE-GCS-SBCT-B
7. DD250 REQ: LT
8. APP CODE: NA
9. DIST. STATEMENT REQ: NA
10. FREQUENCY: Twice
11. AS OF DATE: NA
12. DATE OF FIRST SUBMISSION: NLT 30 Days post CDR
13. DATE OF SUBS. SUBMISSION: Final submission shall be NLT 30 days post TRR

14. DISTRIBUTION:

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	douglas.j.gersky.civ@mail.mil	1

15. TOTAL COPIES: 3

16. REMARKS: The contractor shall deliver One-Wire Diagrams for the phase II ECP effort no later than 30 days after the Critical Design Review (CDR) and again no later than 30 days after the TRR to the Government.

The Contractor shall deliver all One-Wire Diagrams in both Adobe PDF and Microsoft Visio formats.

The structure of all One-Wire Diagram deliverables listed below shall utilize a Government documentation Data Item Description (DID) format or, if allowable by the DID specified below, an equivalent IEEE/ISO/IEC standard or other commercial document format. Where no Government DID is available an alternate IEEE/ISO/IEC standard has been specified.

1. One-Wire Diagrams; DI-SESS-81002F.

The content of the One-Wire Diagrams, per common engineering usage, shall be a representation of the systems named in the phase II SOW, by means of single lines and graphics symbols showing the major components of the systems and their connectivity relationships

17. PRICE GROUP: NSP
18. ESTIMATED TOTAL PRICE: NSP

G. PREPARED BY: Doug Worth
H: DATE: October 2013
I: APPROVED BY: Doug Worth
J: DATE: October 2013

DD FORM 1423, FEB 2001

CONTRACT DATA REQUIREMENT LIST, PREVIOUS EDITION MAY BE USED Form Approval OMB No. 0704-0188

A. CONTRACT LINE ITEM NO.: D018
B. EXHIBIT: AJ
C. CATEGORY:
TDP ____ TM ____ OTHER X ____
D. SYSTEM/ITEM: Stryker Family of Vehicles
E. CONTRACT/PR NO.: W56HZV-14-C-B019
F. CONTRACTOR: GM GDLS Defense Group, LLC

1. DATA ITEM NO: D018
2. TITLE: Software Release Deliverables
3. SUBTITLE: NA
4. AUTHORITY: SEE BLOCK 16
5. CONTRACT REFERENCE: C.7.1.8.3
6. REQUIRING OFFICE: SFAE-GCS-SBCT-B
7. DD250 REQ: LT
8. APP CODE: NA
9. DIST. STATEMENT REQ: NA
10. FREQUENCY: See block 16
11. AS OF DATE: NA
12. DATE OF FIRST SUBMISSION: 5 days after TRR
13. DATE OF SUBS. SUBMISSION: See block 16
14. DISTRIBUTION:

A.	ADDRESSEE:	B. COPIES:
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	richard.d.worth4.civ@mail.mil	1
	gdllsdsrvshc065.ls.gdls.com	1
	douglas.j.gersky.civ@mail.mil	1

15. TOTAL COPIES: 3

16. REMARKS: The contractor shall deliver software release documents/products for the ECP Phase II effort.

Initial delivery of software release documentation/products shall be made no later than 5 days after the ECP Phase II Test Readiness Review (TRR). Subsequent deliveries shall be made in conjunction with contractor release of Stryker FoV system software to the Government.

The contractor shall deliver all software release documentation/products in the output format of the source code development tools employed by the contractor, Microsoft Office format(s), Adobe Acrobat PDF format, or a combination thereof; as appropriate to the software release documentation/product.

The structure of all deliverable documentation listed below shall utilize a Government documentation Data Item Description (DID) format or, if allowable by the DID specified below, an equivalent IEEE/ISO standard or commercial document format. Where no Government DID is available an alternate IEEE/ISO standard has been specified.

1. Software/Firmware Source Code Files; <No DID Available>
 - a. Alternate: N/A
2. Software/Firmware Version Descriptions (SVD); DI-IPSC-81442
 - a. Alternate allowed per DI-IPSC-81442 section 4.g
3. Software/Firmware Test Procedures (STP); DI-NDTI-80603A
 - a. Alternate: IEEE Standard 829-2008, IEEE Standard for Software and System Test Documentation.
4. Software/Firmware Test Reports (STR); DI-IPSC-81440A
 - a. Alternate allowed per DI-IPSC-81440A section 4.g
 - b. Alternate: IEEE Standard 829-2008, IEEE Standard for Software and System Test Documentation.

- 5. Software/Firmware Quality Assurance Reports (SQAR); DI-QCIC-81795.
- a. Alternate: IEEE Standard 730, IEEE Standard for Quality Assurance Plans.
- b. Alternate: IEEE Standard 829-2008, IEEE Standard for Software and System Test Documentation.

Additional Instructions:

- A. Deliverable Item #1; software/firmware source code files: The contractor shall deliver software/firmware source code files for all Computer Software Configuration Items (CSCI) developed by the contractor or its first-tier subcontractors. Software/firmware source code files shall be delivered for CSCIs for which appropriate government rights have been determined (per CDRL D008, Software Transition Plan). The software/firmware source code files shall be delivered in the output format of the software development tool(s) used by the contractor.
- B. Deliverable Item #2; software/firmware version descriptions (SVD): The contractor SVD delivery shall include all addendum software/firmware release notes generated as part of a Stryker FoV system software/firmware release to the government.
- C. Deliverable Item #3; software/firmware test procedures (STP): DID DI-NDTI-80603A, is a generic test procedure format. The contractor may modify this format as appropriate for software test procedures. IEEE standard 829-2008 shall be used by the contractor as guidance for any STP format modification.
- D. Deliverable Item #5; software/firmware quality assurance reports (SQAR): DID DI-QCIC-81795, is a generic SQAR format. Per CDRL D007 - Software Quality Assurance Plan direction to IEEE Standard 730, IEEE Standard for Quality Assurance Plans (SQAP) for SQAP development, the contractor may modify the SQAR deliverable format to be in accordance with the delivered SQAP. Additional format guidance for the SQAR can be found in IEEE standard 829-2008.

- 17. PRICE GROUP: NSP
- 18. ESTIMATED TOTAL PRICE: NSP

G. PREPARED BY: Doug Gersky
H: DATE: October 2013
I: APPROVED BY: Doug Gersky
J: DATE: October 2013
PAGE 1 OF 1

DD FORM 1423, FEB 2001

CONTRACT DATA REQUIREMENT LIST, PREVIOUS EDITION MAY BE USED Form Approval OMB No. 0704-0188

A. CONTRACT LINE ITEM NO.: D019
B. EXHIBIT: AK
C. CATEGORY:
TDP ____ TM ____ OTHER X ____
D. SYSTEM/ITEM: Stryker Family of Vehicles
E. CONTRACT/PR NO.: W56HZV-14-C-B019
F. CONTRACTOR: GM GDLS Defense Group, LLC

1. DATA ITEM NO: D019
2. TITLE: Vehicle Electronics, Software, and Network Architecture
3. SUBTITLE: NA
4. AUTHORITY: SEE BLOCK 16
5. CONTRACT REFERENCE: C.7.1.8.1
6. REQUIRING OFFICE: SFAE-GCS-SBCT-B
7. DD250 REQ: NA
8. APP CODE: NA
9. DIST. STATEMENT REQ: NA
10. FREQUENCY: NA
11. AS OF DATE: NA
12. DATE OF FIRST SUBMISSION: See Block 16.
13. DATE OF SUBS. SUBMISSION: NA
14. DISTRIBUTION:

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	gdllsdsrvshc065.ls.gdls.com	1
	macam.s.dattathreya.civ@mail.mil	1

15. TOTAL COPIES: 3

16. REMARKS:

The contractor shall deliver the following set of vehicle electronics, software, and network architecture documentation for the phase II ECP effort no later than 15 days after the Critical Design Review.

The Contractor shall deliver all architecture documentation in Microsoft Office format(s), Adobe Acrobat PDF format, or a combination thereof. All Architecture diagrams shall be delivered in Microsoft Visio format in addition to other contractor selected formats.

The structure of all deliverable architecture documentation listed below shall utilize a Government documentation Data Item Description (DID) format or, if allowable by the DID specified below, an equivalent IEEE/ISO/IEC or other commercial standard document format. Where no Government DID is available an alternate IEEE/ISO/IEC standard has been specified.

1. Vehicle Electronics, Software, and Network Architecture Documentation; <No DID Available>
a. Alternate: IEEE/ISO Standard 42010, Systems and software engineering Architecture description
b. Alternate: ISO/IEC 19501:2005(E), Unified Modeling Language Specification
c. Alternate: ISO/IEC 19505-1:2012, Information technology Object Management Group Unified Modeling Language (OMG UML)
Part 1: Infrastructure
d. Alternate: ISO/IEC 19505-1:2012, Information technology Object Management Group Unified Modeling Language (OMG UML)
Part 2: Superstructure

Utilizing the IEEE/ISO standards cited above as guidance, the contractor shall deliver both functional and physical architectures for the Stryker ECP FoVs vehicle electronics, software, and network subsystems. The artifacts delivered documenting these architectures shall at a minimum include:

A. An overview architectural description of each subsystem cited above.
B. A listing of all components contained in the architectures of each subsystem cited above.

- C. A description of all architectural components function(s) of each subsystem cited above.
- D. A listing of all standards, protocols, and services employed in the architectures of each subsystem cited above.
- E. Architecture diagrams of each subsystem cited above.
 - a. Functional architecture diagrams shall be developed using the Unified Modeling Language where appropriate.
 - b. Physical architecture diagrams may utilize the Unified Modeling Language where appropriate.

17. PRICE GROUP: NSP
18. ESTIMATED TOTAL PRICE: NSP

G. PREPARED BY: Doug Gersky
H: DATE: October 2013
I: APPROVED BY: Doug Gersky
J: DATE: October 2013
PAGE 1 OF 1

DD FORM 1423, FEB 2001
CONTRACT DATA REQUIREMENT LIST, PREVIOUS EDITION MAY BE USED Form Approval OMB No. 0704-0188

A. CONTRACT LINE ITEM NO.: D020
B. EXHIBIT: AL
C. CATEGORY:
TDP ____ TM ____ OTHER X ____
D. SYSTEM/ITEM: Stryker Family of Vehicles
E. CONTRACT/PR NO.: W56HZV-14-C-B019
F. CONTRACTOR: GM GDLS Defense Group, LLC

-
1. DATA ITEM NO: D020
 2. TITLE: Meeting Minutes
 3. SUBTITLE: NA
 4. AUTHORITY: DI-ADMN-81505
 5. CONTRACT REFERENCE: C.7.1.13.1
 6. REQUIRING OFFICE: SFAE-GCS-SBCT-B
 7. DD250 REQ: NO
 8. APP CODE: NA
 9. DIST. STATEMENT REQ: D
 10. FREQUENCY: 48 hours posted or delivered following scheduled meeting
 11. AS OF DATE: Start of Contract
 12. DATE OF FIRST SUBMISSION: See Block 16
 13. DATE OF SUBS. SUBMISSION: NA
 14. DISTRIBUTION:

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15. TOTAL COPIES: 2

16. REMARKS: BLK 4: DI-ADMN-81505 is tailored as follows:
1. Content is deleted in its entirety and replaced with
The meeting minutes shall contain the following:
meeting agenda
open action item list with suspense date
project schedule
program status
presentation material, e.g. engineering quad charts, etc
funding status

Delete section 10.2, 10.3, 10.4

The minutes shall be electronically delivered to the Government via e-mail, CD or DVD to the individuals addressed in BLK 14.

The contractor shall deliver all minutes in Microsoft Office format(s), Adobe Acrobat PDF format, or a combination thereof.

17. PRICE GROUP: NSP
18. ESTIMATED TOTAL PRICE: NSP

G. PREPARED BY: Doug Worth
H: DATE: October 2013
I: APPROVED BY: Doug Worth
J: DATE: October 2013
PAGE 1 OF 1

PIIN/SIIN W56HZV-14-C-B019

MOD/AMD

ATT/EXH ID Exhibit AL

PAGE 2

DD FORM 1423, FEB 2001
CONTRACT DATA REQUIREMENT LIST, PREVIOUS EDITION MAY BE USED Form Approval OMB No. 0704-0188

A. CONTRACT LINE ITEM NO.: D021
B. EXHIBIT: AM
C. CATEGORY:
TDP ____ TM ____ OTHER X____
D. SYSTEM/ITEM: Stryker Family of Vehicles
E. CONTRACT/PR NO.: W56HZV-14-C-B019
F. CONTRACTOR: GM GDLS Defense Group, LLC

1. DATA ITEM NO: D021
2. TITLE: Software Development Plan (SDP)
3. SUBTITLE: NA
4. AUTHORITY: DI-IPSC-81427
5. CONTRACT REFERENCE: C.7.1.8.4
6. REQUIRING OFFICE: SFAE-GCS-SBCT-B
7. DD250 REQ: NO
8. APP CODE: NA
9. DIST. STATEMENT REQ: D
10. FREQUENCY: Twice
11. AS OF DATE: NA
12. DATE OF FIRST SUBMISSION: 45 days after contract award
13. DATE OF SUBS. SUBMISSION: NA
14. DISTRIBUTION:

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	gdllsdsrvshc065.ls.gdls.com	1
	douglas.j.gersky.civ@mail.mil	1

15. TOTAL COPIES: 3

16. REMARKS:

The contractor shall deliver a Software Development Plan (SDP) for the ECP effort no later than 45 days after ECP Phase II contract award.

Following the contractors first submission, PMO SBCT will review the SDP; providing comments back to the contractor within 15 days. The contractor shall submit a response to PMO SBCT comments no later than 15 days after receipt.

The Contractor shall prepare the deliverable in Microsoft Office format(s), Adobe Acrobat PDF format, or a combination thereof.

The structure of all deliverable documentation listed below shall utilize a Government documentation Data Item Description (DID) format or, if allowable by the DID specified below, an equivalent IEEE/ISO standard or other commercial document format. Where no Government DID is available an alternate IEEE/ISO standard has been specified.

1. Software Development Plan (SDP); DI-IPSC-81427.
a. Alternate allowed per DI-IPSC-81427 section 10.1.1

17. PRICE GROUP: NSP
18. ESTIMATED TOTAL PRICE: NSP

G. PREPARED BY: Doug Gersky
H: DATE: October 2013

I: APPROVED BY: Doug Gersky
J: DATE: October 2013
PAGE 1 OF 1

DD FORM 1423, FEB 2001
CONTRACT DATA REQUIREMENT LIST, PREVIOUS EDITION MAY BE USED Form Approval OMB No. 0704-0188

A. CONTRACT LINE ITEM NO.: D022
B. EXHIBIT: AN
C. CATEGORY:
TDP ____ TM ____ OTHER X____
D. SYSTEM/ITEM: Stryker Family of Vehicles
E. CONTRACT/PR NO.: W56HZV-14-C-B019
F. CONTRACTOR: GM GDLS Defense Group, LLC

1. DATA ITEM NO: D022
2. TITLE: Stryker Variant Detailed Designs
3. SUBTITLE: NA
4. AUTHORITY: DI-SESS-81002F
5. CONTRACT REFERENCE: C.7.1.6
6. REQUIRING OFFICE: SFAE-GCS-SBCT-B
7. DD250 REQ: LT
8. APP CODE: NA
9. DIST. STATEMENT REQ: D
10. FREQUENCY: Once
11. AS OF DATE: NA
12. DATE OF FIRST SUBMISSION: 30 days before CDR
13. DATE OF SUBS. SUBMISSION: NA
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richard.d.worth4.civ@mail.mil 1

15. TOTAL COPIES: 1

16. REMARKS: Block 4: DI-SESS 81002F is tailored as follows:

Delete TDP Option Selection Worksheet. Delete Requirements blocks 3 and 4.

Contractor shall provide Type 2D production level drawings for the following ECP variants in accordance with the SEP (Attachment 0007).

DVH
ICVV
MCVV
CVV
FSVV
ESVV
MEVV
ATVV

Drawings shall be delivered in Adobe pdf or MS Visio format.

17. PRICE GROUP: NSP
18. ESTIMATED TOTAL PRICE: NSP

G. PREPARED BY: Doug Worth
H. DATE: October 2013
I. APPROVED BY: Doug Worth

DD FORM 1423, FEB 2001
CONTRACT DATA REQUIREMENT LIST, PREVIOUS EDITION MAY BE USED Form Approval OMB No. 0704-0188

A. CONTRACT LINE ITEM NO.: D023
B. EXHIBIT: AO
C. CATEGORY:
TDP ____ TM ____ OTHER X ____
D. SYSTEM/ITEM: Stryker Family of Vehicles
E. CONTRACT/PR NO.: W56HZV-14-C-B019
F. CONTRACTOR: GM GDLS Defense Group, LLC

1. DATA ITEM NO: D023
2. TITLE: Transportability Analysis Report
3. SUBTITLE: NA
4. AUTHORITY: DI-PACK-80880D
5. CONTRACT REFERENCE: C.7.2.1.8
6. REQUIRING OFFICE: SFAE-GCS-SBCT-B
7. DD250 REQ: LT
8. APP CODE: NA
9. DIST. STATEMENT REQ: D
10. FREQUENCY: Once
11. AS OF DATE: See block 16
12. DATE OF FIRST SUBMISSION: See block 16
13. DATE OF SUBS. SUBMISSION: See block 16
14. DISTRIBUTION:

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Lynette.shaffer.civ@mail.mil	1	peggy.miedlar@us.af.mil		
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16. REMARKS: The Contractor shall deliver a final, DVH variant specific, detailed transportability analysis report 30 days after USG Scheduled variant CDR with a complete full summary report, supplied no later than 30 days after the last variant CDR is completed.

The transportability analysis shall include road, rail, ship and air analysis. The analysis shall detail the transport configuration, axle weights, as well as any special preparation needed for transport. Air transport analysis shall include a strategy for up to 2 fully kitted, or 3 non-kitted, Strykers on a single C-17 airframe, and up to 4 fully kitted, or 4 non-kitted, Strykers on a single C-5 airframe. Completed Transportability Report submitted per Data Item Description (DID) DI-PACK-80880D, additional Air Transportability Report information will be supplied by populating the provided ATTLA data sheet.

17. PRICE GROUP: NSP
18. ESTIMATED TOTAL PRICE: NSP

G. PREPARED BY: Kevin Kasa
H: DATE: October 2013
I: APPROVED BY: Kevin Kasa
J: DATE: October 2013
PAGE 1 OF 1

PIIN/SIIN W56HZV-14-C-B019

MOD/AMD

ATT/EXH ID Exhibit AO

PAGE 2

DD FORM 1423, FEB 2001
CONTRACT DATA REQUIREMENT LIST, PREVIOUS EDITION MAY BE USED Form Approval OMB No. 0704-0188

A. CONTRACT LINE ITEM NO.: L001
B. EXHIBIT: AP
C. CATEGORY:
TDP ____ TM ____ OTHER X ____
D. SYSTEM/ITEM: Stryker Family of Vehicles
E. CONTRACT/PR NO.: W56HZV-14-C-B019
F. CONTRACTOR: GM GDLS Defense Group, LLC

1. DATA ITEM NO: L001
2. TITLE: Log Mgt Info (LMI) for LORA
3. SUBTITLE: NA
4. AUTHORITY: DI-SESS-81758 and DI-SESS-81759
5. CONTRACT REFERENCE: C.8.1
6. REQUIRING OFFICE: SFAE-GCS-SBCT-B
7. DD250 REQ: LT
8. APP CODE: NA
9. DIST. STATEMENT REQ: D
10. FREQUENCY: NTE 2 submissions
11. AS OF DATE: NA
12. DATE OF FIRST SUBMISSION: 6 months After CDR
13. DATE OF SUBS. SUBMISSION: TBD at Log Start of Work
14. DISTRIBUTION:

A.	ADDRESSEE:	B. COPIES:
		FINAL
		DRAFT REG REPRO:
	Marilyn.l.salazar.civ@mail.mil	1
	paul.g.webster.civ@mail.mil	1
	Alexander.j.mcarthur.civ@mail.mil	1

15. TOTAL COPIES:3

16. REMARKS: LMI Data shall be created IAW AR 700-28, Logistics Assessment Guidebook, and AR 750-1.

Contractor shall deliver a Level of Repair Analysis (LORA) report for each Stryker ECP variant 6 months after CDR with subsequent reports as requested at Logistics Start of Work meeting.

For DI-SESS-81759 only paragraph 3.2 applies to this CDRL.

17. PRICE GROUP: NSP
18. ESTIMATED TOTAL PRICE: NSP

G. PREPARED BY: Paul Webster
H: DATE: October 2013
I: APPROVED BY: Paul Webster
J: DATE: October 2013
PAGE 1 OF 1

DD FORM 1423, FEB 2001
CONTRACT DATA REQUIREMENT LIST, PREVIOUS EDITION MAY BE USED Form Approval OMB No. 0704-0188

A. CONTRACT LINE ITEM NO.: L002
B. EXHIBIT: AQ
C. CATEGORY:
TDP ____ TM ____ OTHER X____
D. SYSTEM/ITEM: Stryker Family of Vehicles
E. CONTRACT/PR NO.: W56HZV-14-C-B019
F. CONTRACTOR: GM GDLS Defense Group, LLC

1. DATA ITEM NO: L002
2. TITLE: Log Mgt Info (LMI) for RCM
3. SUBTITLE: NA
4. AUTHORITY: DI-ILSS-80111A
5. CONTRACT REFERENCE: C.8.2
6. REQUIRING OFFICE: SFAE-GCS-SBCT-B
7. DD250 REQ: LT
8. APP CODE: NA
9. DIST. STATEMENT REQ: D
10. FREQUENCY: NTE 2 submissions
11. AS OF DATE: BLK 16
12. DATE OF FIRST SUBMISSION: 6 months after CDR.
13. DATE OF SUBS. SUBMISSION: TBD at Log SOW
14. DISTRIBUTION:

A. ADDRESSEE:	B. COPIES:
	FINAL
	DRAFT REG REPRO:
alexander.j.mcarthur.civ@mail.mil	1
robert.w.kluge.civ@mail.mil	1
john.r.kandrot.civ@mail.mil	1

15. TOTAL COPIES: 3

16. REMARKS: The contract shall deliver RCM data IAW AR 700-127 as an LSA 50 report 6 months after CDR, Subsequent LSA 50 deliveries will be addressed at Log Start of work meeting.

17. PRICE GROUP: NSP
18. ESTIMATED TOTAL PRICE: NSP

G. PREPARED BY: Paul Webster
H. DATE: October 2013
I. APPROVED BY: Paul Webster
J. DATE: October 2013
PAGE 1 OF 1

DD FORM 1423, FEB 2001
CONTRACT DATA REQUIREMENT LIST, PREVIOUS EDITION MAY BE USED Form Approval OMB No. 0704-0188

A. CONTRACT LINE ITEM NO.: L003
B. EXHIBIT: AR
C. CATEGORY:
TDP ____ TM ____ OTHER X____
D. SYSTEM/ITEM: Stryker Family of Vehicles
E. CONTRACT/PR NO.: W56HZV-14-C-B019
F. CONTRACTOR: GM GDLS Defense Group, LLC

1. DATA ITEM NO: L003
2. TITLE: Log Mgt Info (LMI) for MARC and BOIP, MAC
3. SUBTITLE: NA
4. AUTHORITY: DI-SESS-81758 and DI-SESS-81759
5. CONTRACT REFERENCE: C.8.3
6. REQUIRING OFFICE: SFAE-GCS-SBCT-B
7. DD250 REQ: LT
8. APP CODE: NA
9. DIST. STATEMENT REQ: D
10. FREQUENCY: NTE 2 submissions
11. AS OF DATE: As required
12. DATE OF FIRST SUBMISSION: 6 months after CDR.
13. DATE OF SUBS. SUBMISSION: TBD at Log SOW
14. DISTRIBUTION:

A. ADDRESSEE:	B. COPIES:		
	FINAL	DRAFT	REG REPRO:
alexander.j.mcarthur.civ@mail.mil		1	
robert.w.kluge.civ@mail.mil		1	
john.r.kandrot.civ@mail.mil		1	
Daniel.cottone.civ@mail.mil		1	

15. TOTAL COPIES: 4

16. REMARKS: Contractor shall deliver the first Manpower Requirements Computation (MARC) and Basis of Issue Plan (BOIP) report 6 months after CDR with subsequent submissions as determined at Log SOW meeting.

The contractor shall provide LSA-001 and LSA-004 reports to support the development of maintenance manpower estimates for the Stryker ECP variants. The reports will be developed from the Logistics Support Analysis Record (LSAR) database developed for the Stryker ECP variants using MIL-STD-1388-2B, MIL-HDBK-502, GEIA-STD-007 worksheet #2, Appendix B of MIL-PRF-49509 & TB 750-93-1.

Contractor shall deliver a Maintenance Allocation Chart (MAC) (LSAR 004) applicable to all ECP Interactive Electronic Technical Manual (IETM) 6 months after CDR with subsequent MACs delivered as determined at Log SOW meeting.

The contractor shall deliver ECP Phase 2 data, in a format to be determined at the Log start of work meeting, at the end of the period of performance.

For DI-SESS-81759, only paragraph 3.5 applies.

17. PRICE GROUP: NSP
18. ESTIMATED TOTAL PRICE: NSP

G. PREPARED BY: Paul Webster

H: DATE: October 2013
I: APPROVED BY: Paul Webster
J: DATE: October 2013
PAGE 1 OF 1

DD FORM 1423, FEB 2001
CONTRACT DATA REQUIREMENT LIST, PREVIOUS EDITION MAY BE USED Form Approval OMB No. 0704-0188

A. CONTRACT LINE ITEM NO.: L004
B. EXHIBIT: AS
C. CATEGORY:
TDP ____ TM ____ OTHER X ____
D. SYSTEM/ITEM: Stryker Family of Vehicles
E. CONTRACT/PR NO.: W56HZV-14-C-B019
F. CONTRACTOR: GM GDLS Defense Group, LLC

-
1. DATA ITEM NO: L004
 2. TITLE: Log Mgt Info (LMI) for Provisioning
 3. SUBTITLE: NA
 4. AUTHORITY: DI-SESS-81758 and DI-SESS--81759
 5. CONTRACT REFERENCE: C.8.5, C.8.5.1, C.8.5.3, C.8.5.4
 6. REQUIRING OFFICE: SFAE-GCS-SBCT-B
 7. DD250 REQ: LT
 8. APP CODE: NA
 9. DIST. STATEMENT REQ: D
 10. FREQUENCY: Quarterly
 11. AS OF DATE: NA
 12. DATE OF FIRST SUBMISSION: 6 mos after CDR
 13. DATE OF SUBS. SUBMISSION: Quarterly
 14. DISTRIBUTION:

A.	ADDRESSEE:	B. COPIES:
		FINAL
		DRAFT REG REPRO:
	Kendall.j.whitehead.civ@mail.mil	1 1
	john.r.kandrot.civ@mail.mil	1 1
	andrea.kennedy.2.civ@mail.mil	1

15. TOTAL COPIES: 5

16. REMARKS: The contractor shall deliver production representative drawings for all P-coded items in pdf format 30 days prior to each provisioning conference. All drawings will be marked in accordance with (IAW) the requirements of DFARS 252.227-7013(e) and 252.227-7014(e), AR 700-18, AR 700-82, & GEIA-STD-0007

LSA-36 data will be delivered via electronic means in a format compatible with the US Army Logistics Modernization Program (LMP) within 30 days after each provisioning conference. LSA 036 will include M and N records as required. Rejects will be corrected and resubmitted in a revised LSA-36 report within 30 days of notice.

In cases where hard copy drawings are not available, computer models will be evaluated on a case by case basis. If they are not suitable for NSN assignment, the contractor shall provide hard copy or electronic format (PDF) drawings.

For DI-SESS81759, only paragraph 3.4 applies.

17. PRICE GROUP: NSP
18. ESTIMATED TOTAL PRICE: NSP

G. PREPARED BY: Paul Webster
H: DATE: October 2013
I: APPROVED BY: Paul Webster
J: DATE: October 2013
PAGE 1 OF 1

PIIN/SIIN W56HZV-14-C-B019

MOD/AMD

ATT/EXH ID Exhibit AS

PAGE 2

DD FORM 1423, FEB 2001
CONTRACT DATA REQUIREMENT LIST, PREVIOUS EDITION MAY BE USED Form Approval OMB No. 0704-0188

A. CONTRACT LINE ITEM NO.: L005
B. EXHIBIT: AT
C. CATEGORY:
TDP ____ TM ____ OTHER X____
D. SYSTEM/ITEM: Stryker Family of Vehicles
E. CONTRACT/PR NO.: W56HZV-14-C-B019
F. CONTRACTOR: GM GDLS Defense Group, LLC

1. DATA ITEM NO: L005
2. TITLE: Interactive Electronic Manuals (IETM)
3. SUBTITLE: NA
4. AUTHORITY: DI SESS 81758 & DI TMSS-81354
5. CONTRACT REFERENCE: C.8.6, C.8.6.2, C.8.6.4, C.8.6.6
6. REQUIRING OFFICE: SFAE-GCS-SBCT-B
7. DD250 REQ: LT
8. APP CODE: NA
9. DIST. STATEMENT REQ: D
10. FREQUENCY: TBD
11. AS OF DATE: As required
12. DATE OF FIRST SUBMISSION: TBD at Start of Work
13. DATE OF SUBS. SUBMISSION: TBD at Start of Work
14. DISTRIBUTION:

A.	ADDRESSEE:	B. COPIES:
		FINAL
		DRAFT REG REPRO:
marilyn.l.salazar.civ@mail.mil	2	6
jennifer.f.lunde.civ@mail.mil		
martin.a.vaisanen.civ@mail.mil		
nicholas.c.howell3.civ@mail.mil		

15. TOTAL COPIES: 8

16. REMARKS: The contractor shall participate in all Validation & Verification and incorporate 100% of all comments. Revised data will be resubmitted for review within 30 days after receipt of comments.

The contractor shall deliver IETMs in Electronic Maintenance System Next Generation (EMS NG) format, disk mailer, media labels on a CD-ROM or DVD shall be loaded onto individual CDs or DVDs (6 copies each) unless otherwise directed by the COR.

IETMS shall be developed and IAW AR25-30, DA PAM-25-40, MIL-HDBK-1222D, Style Guide, MIL-STD-40051-1B and MIL-STD-40051-2B & Validation & Verification Plan.

Preliminary Technical Manual (PTM) submission shall include 2 copies.

The contractor shall deliver Final Reproducible Copies (FRC) 6 months prior to the end of the contracts performance completion date. FRC submission shall include 6 copies.

17. PRICE GROUP: NSP
18. ESTIMATED TOTAL PRICE: NSP

G. PREPARED BY: Paul Webster
H: DATE: October 2013
I: APPROVED BY: Paul Webster

DD FORM 1423, FEB 2001
CONTRACT DATA REQUIREMENT LIST, PREVIOUS EDITION MAY BE USED Form Approval OMB No. 0704-0188

- A. CONTRACT LINE ITEM NO.: L006
- B. EXHIBIT: AU
- C. CATEGORY:
TDP _____ TM _____ OTHER X _____
- D. SYSTEM/ITEM: Stryker Family of Vehicles
- E. CONTRACT/PR NO.: W56HZV-14-C-B019
- F. CONTRACTOR: GM GDLS Defense Group, LLC

-
- 1. DATA ITEM NO: L006
 - 2. TITLE: Paper Operators Technical Manuals and Source Files
 - 3. SUBTITLE: NA
 - 4. AUTHORITY: DI-SESS-81758 and DI-TMSS-81354
 - 5. CONTRACT REFERENCE: C.8.6.2, C.8.6.6, C.8.6.8
 - 6. REQUIRING OFFICE: SFAE-GCS-SBCT-B
 - 7. DD250 REQ: LT
 - 8. APP CODE: NA
 - 9. DIST. STATEMENT REQ: D
 - 10. FREQUENCY: TBD
 - 11. AS OF DATE: As required
 - 12. DATE OF FIRST SUBMISSION: TBD at Start of Work
 - 13. DATE OF SUBS. SUBMISSION: TBD at Start of Work
 - 14. DISTRIBUTION:

A. ADDRESSEE:	B. COPIES:			
	FINAL	DRAFT	REG	REPRO:
marilyn.l.salazar.civ@mail.mil	2	6		
jennifer.f.lunde.civ@mail.mil		2	6	
martin.a.vaisanen.civ@mail.mil				
nicholas.c.howell3.civ@mail.mil				

15. TOTAL COPIES: 16

16. REMARKS: The contractor shall participate in all Validation & Verification and incorporate 100% of all comments. Revised data will be resubmitted for review within 30 days after receipt of comments.

First submission will be determined at start of work meeting. The contractor shall deliver Operators paper manuals, running sheets and media labels and source files in a Portable Document File (PDF) and MS Word Format loaded onto individual CD-ROMs or DVDs (6 copies each) which shall be labeled to identify the content and date of submission unless otherwise directed by the COR..

TMs shall be developed and IAW AR 25-30, DA PAM-25-40, MIL-HDBK-1222D, MIL-STD-40051-1B and MIL-STD-40051-2B, Style Guide & Validation & Verification Plan.

Preliminary Technical Manual (PTM) submission shall include 2 copies.

The contractor shall deliver Final Reproducible Copies (FRC) 6 months prior to the end of the contracts performance completion date. FRC submission shall include 6 copies.

- 17. PRICE GROUP: NSP
- 18. ESTIMATED TOTAL PRICE: NSP

-
- G. PREPARED BY: Paul Webster
 - H. DATE: October 2013
 - I. APPROVED BY: Paul Webster
 - J. DATE: October 2013

DD FORM 1423, FEB 2001
CONTRACT DATA REQUIREMENT LIST, PREVIOUS EDITION MAY BE USED Form Approval OMB No. 0704-0188

A. CONTRACT LINE ITEM NO.: L007
B. EXHIBIT: AV
C. CATEGORY:
TDP ____ TM __X__ OTHER__
D. SYSTEM/ITEM: Stryker Family of Vehicles
E. CONTRACT/PR NO.: W56HZV-14-C-B019
F. CONTRACTOR: GM GDLS Defense Group, LLC

1. DATA ITEM NO: L007
2. TITLE: Other Technical Publications and Source Material
3. SUBTITLE: NA
4. AUTHORITY: DI-TMSS-81354
5. CONTRACT REFERENCE: C.8.7, C.8.7.1, C.8.8
6. REQUIRING OFFICE: SFAE-GCS-SBCT-B
7. DD250 REQ: LT
8. APP CODE: NA
9. DIST. STATEMENT REQ: D
10. FREQUENCY: NTE 2 Submissions
11. AS OF DATE: As required
12. DATE OF FIRST SUBMISSION: TBD at Start of Work
13. DATE OF SUBS. SUBMISSION: TBD at Start of Work
14. DISTRIBUTION:

A.	ADDRESSEE:	B. COPIES:
		FINAL
		DRAFT REG REPRO:
marilyn.l.salazar.civ@mail.mil	2	6
jennifer.f.lunde.civ@mail.mil		
martin.a.vaisanen.civ@mail.mil		
nicholas.c.howell3.civ@mail.mil		

15. TOTAL COPIES: 8

16. REMARKS: The contractor shall deliver other technical publications to include but not limited to Demilitarization Instructions, Battle Damage Assessment Repair (BDAR) Manual, and Schematics or Diagrams, Source files, explanatory MS Word File, running sheets, media labels in an Editable Portable Document File (PDF) and MS Word Format.

Demilitarization procedures, and Schematics or Diagrams, Source files, explanatory MS Word File, Battle Damage Assessment Repair (BDAR) Manual, running sheets, media labels shall be loaded onto individual CDs or DVDs (6 copies each) which shall be labeled to identify the content and date of submission unless otherwise directed by the COR

Schematics will be 11x17 inches or larger depending on complexity with folding permissible.

TMs shall be developed and IAW AR 25-30, DA PAM-25-40, MIL-HDBK-1222D, MIL-STD-40051-1B and MIL-STD-40051-2B Style Guide & Validation & Verification Plan.

17. PRICE GROUP: NSP
18. ESTIMATED TOTAL PRICE: NSP

G. PREPARED BY: Paul Webster
H: DATE: October 2013
I: APPROVED BY: Paul Webster
J: DATE: October 2013

DD FORM 1423, FEB 2001
CONTRACT DATA REQUIREMENT LIST, PREVIOUS EDITION MAY BE USED Form Approval OMB No. 0704-0188

A. CONTRACT LINE ITEM NO.: L008
B. EXHIBIT: AW
C. CATEGORY:
TDP ____ TM ____ OTHER_X_
D. SYSTEM/ITEM: Stryker Family of Vehicles
E. CONTRACT/PR NO.: W56HZV-14-C-B019
F. CONTRACTOR: GM GDLS Defense Group, LLC

1. DATA ITEM NO: L008
2. TITLE: Publications History File
3. SUBTITLE: NA
4. AUTHORITY: DI-TMSS-81354
5. CONTRACT REFERENCE: C.8.6.3
6. REQUIRING OFFICE: SFAE-GCS-SBCT-B
7. DD250 REQ: LT
8. APP CODE: NA
9. DIST. STATEMENT REQ: D
10. FREQUENCY: Once
11. AS OF DATE: As required
12. DATE OF FIRST SUBMISSION: TBD at Start of Work
13. DATE OF SUBS. SUBMISSION: NA
14. DISTRIBUTION:

A.	ADDRESSEE:	B. COPIES:
		FINAL
		DRAFT REG REPRO:
marilyn.l.salazar.civ@mail.mil		1
jennifer.f.lunde.civ@mail.mil		1
martin.a.vaisanen.civ@mail.mil		
nicholas.c.howell3.civ@mail.mil		

15. TOTAL COPIES: 2

16. REMARKS: The contractor shall provide a history file with each authorized delivery of Operator's Technical Manuals and the IETM. The Publications History file will document the changes made to the IETM by indicating the change driver (Government comment, 2028, ECP/ECO/CR, etc) and the Life Cycle Identification Number (LCID) or Task Title for the task(s) affected.

The Publication History file will be in contractor format.

17. PRICE GROUP: NSP
18. ESTIMATED TOTAL PRICE: NSP

G. PREPARED BY: Paul Webster
H: DATE: October 2013
I: APPROVED BY: Paul Webster
J: DATE: October 2013
PAGE 1 OF 1

DD FORM 1423, FEB 2001
CONTRACT DATA REQUIREMENT LIST, PREVIOUS EDITION MAY BE USED Form Approval OMB No. 0704-0188

A. CONTRACT LINE ITEM NO.: L009
B. EXHIBIT: AX
C. CATEGORY:
TDP ___ TM ___X___ OTHER___
D. SYSTEM/ITEM: Stryker Family of Vehicles
E. CONTRACT/PR NO.: W56HZV-14-C-B019
F. CONTRACTOR: GM GDLS Defense Group, LLC

1. DATA ITEM NO: L009
2. TITLE: Technical Manuals, Technical Bulletins and Source Material
3. SUBTITLE: NA
4. AUTHORITY: DI-TMSS-81354
5. CONTRACT REFERENCE: C.8.6.8
6. REQUIRING OFFICE: SFAE-GCS-SBCT-B
7. DD250 REQ: LT
8. APP CODE: NA
9. DIST. STATEMENT REQ: D
10. FREQUENCY: NTE 2 Submissions
11. AS OF DATE: As required
12. DATE OF FIRST SUBMISSION: TBD at Start of Work
13. DATE OF SUBS. SUBMISSION: TBD at Start of Work
14. DISTRIBUTION:

A. ADDRESSEE:	B. COPIES:		
	FINAL	DRAFT	REG REPRO:
marilyn.l.salazar.civ@mail.mil	2		6
jennifer.f.lunde.civ@mail.mil		2	6
nicholas.c.howell13.civ@mail.mil			
martin.a.vaisanen.civ@mail.mil			

15. TOTAL COPIES: 16

16. REMARKS:

The contractor shall deliver all Technical Manuals (TMs), Technical Bulletins (TBs), Source files, explanatory MS Word File, running sheets, media labels in an Editable Portable Document File (PDF) and MS Word Format IAW AR 25-30, & DA PAM 25-40.

Technical Manuals (TMs), Technical Bulletins (TBs), Source files, explanatory MS Word File, running sheets, media labels shall be loaded onto individual CDs or DVDs (6 copies each) which shall be labeled to identify the content and date of submission unless otherwise directed by the COR

TMs shall be developed and IAW AR 25-30, DA PAM-25-40, MIL-HDBK-1222D, MIL-STD-40051-1B and MIL-STD-40051-2B, Style Guide & Validation & Verification Plan.

17. PRICE GROUP: NSP
18. ESTIMATED TOTAL PRICE: NSP

G. PREPARED BY: Paul Webster
H: DATE: October 2013
I: APPROVED BY: Paul Webster
J: DATE: October 2013
PAGE 1 OF 1

DD FORM 1423, FEB 2001
CONTRACT DATA REQUIREMENT LIST, PREVIOUS EDITION MAY BE USED Form Approval OMB No. 0704-0188

A. CONTRACT LINE ITEM NO.: L010
B. EXHIBIT: AY
C. CATEGORY:
TDP ____ TM ____ OTHER_X_
D. SYSTEM/ITEM: Stryker Family of Vehicles
E. CONTRACT/PR NO.: W56HZV-14-C-B019
F. CONTRACTOR: GM GDLS Defense Group, LLC

-
1. DATA ITEM NO: L010
 2. TITLE: STTE, BII Drawings
 3. SUBTITLE: NA
 4. AUTHORITY: DI-TMSS-81354
 5. CONTRACT REFERENCE: C.8.9.1, C.8.9.2
 6. REQUIRING OFFICE: SFAE-GCS-SBCT-B
 7. DD250 REQ: LT
 8. APP CODE: NA
 9. DIST. STATEMENT REQ: D
 10. FREQUENCY: One Time
 11. AS OF DATE: NA
 12. DATE OF FIRST SUBMISSION: TBD at SOW
 13. DATE OF SUBS. SUBMISSION: NA
 14. DISTRIBUTION:

A.	ADDRESSEE:	B. COPIES:
		FINAL DRAFT REG REPRO:
	marilyn.l.salazar.civ@mail.mil	1
	jon.w.wiedemann.civ@mail.mil	1
	robert.w.kluge.civ@mail.mil	1

15. TOTAL COPIES: 3

16. REMARKS: The contractor shall update current STTE, and BII drawings for ECP affected variants.

17. PRICE GROUP: NSP
18. ESTIMATED TOTAL PRICE: NSP

G. PREPARED BY: Paul Webster
H: DATE: October 2013
I: APPROVED BY: Paul Webster
J: DATE: October 2013
PAGE 1 OF 1

DD FORM 1423, FEB 2001
CONTRACT DATA REQUIREMENT LIST, PREVIOUS EDITION MAY BE USED Form Approval OMB No. 0704-0188

A. CONTRACT LINE ITEM NO.: L011
B. EXHIBIT: AZ
C. CATEGORY:
TDP ____ TM ____ OTHER_X_
D. SYSTEM/ITEM: Stryker Family of Vehicles
E. CONTRACT/PR NO.: W56HZV-14-C-B019
F. CONTRACTOR: GM GDLS Defense Group, LLC

-
1. DATA ITEM NO: L011
 2. TITLE: Logistics Management Information (LMI) Data Products -Packaging
 3. SUBTITLE: Packaging
 4. AUTHORITY: DI-SESS-81758
 5. CONTRACT REFERENCE: C 8.10, C.8.10.1,
 6. REQUIRING OFFICE: SFAE-GCS-SBCT-B
 7. DD250 REQ: LT
 8. APP CODE: NA
 9. DIST. STATEMENT REQ: A
 10. FREQUENCY: As required
 11. AS OF DATE: As required
 12. DATE OF FIRST SUBMISSION: See block 16
 13. DATE OF SUBS. SUBMISSION: See block 16
 14. DISTRIBUTION:

A.	ADDRESSEE:	B. COPIES:
		FINAL
		DRAFT REG REPRO:
	Michael.r.brownl9.civ@mail.mil	1
	john.r.kandrot.civ@mail.mil	1
	dawn.m.brinkmeier.civ@mail.mil	1

15. TOTAL COPIES: 3

16. REMARKS: Format and content are described in GEIA-STD-0007 & MIL-STD-2073-ID and clarified / tailored by two attachments:
1. Attachment A, Logistics Management Information Packaging Data Products
 2. Attachment B, Incoming Transaction Format

The following data element positions as defined in Attachment B will be left blank:
17, 27-28, 38, 114, 158, 209, 215-336
BLK 12 - First submittal due 30 days after contract award
BLK 13 - Subsequent submittals are due every 30 days.

Government to review submittals and either approve or disapprove data. Disapproved packaging data shall be revised by the Contractor within 5 days upon receipt and resubmit for approval.

For Engineering changes and logistics changes, submit within 60 days after approved change.

LMI Data Products for all Special Group Items and Equipment Preservation Data Sheets (EPDS) shall be submitted with the Special Packaging Instruction or EPDS.

Packaging:

Repro = electronic copy delivery to email:

AMSTA-LCL-MSP: dawn.m.brinkmeier.civ@mail.mil

17. PRICE GROUP: NSP
18. ESTIMATED TOTAL PRICE: NSP

G. PREPARED BY: Paul Webster
H: DATE: October 2013
I: APPROVED BY: Paul Webster
J: DATE: October 2013
PAGE 1 OF 1

DD FORM 1423, FEB 2001
 CONTRACT DATA REQUIREMENT LIST, PREVIOUS EDITION MAY BE USED Form Approval OMB No. 0704-0188

A. CONTRACT LINE ITEM NO.: L012
 B. EXHIBIT: BA
 C. CATEGORY:
 TDP ____ TM ____ OTHER_X_
 D. SYSTEM/ITEM: Stryker Family of Vehicles
 E. CONTRACT/PR NO.: W56HZV-14-C-B019
 F. CONTRACTOR: GM GDLS Defense Group, LLC

-
1. DATA ITEM NO: L012
 2. TITLE: Special Packaging Instruction (SPI)
 3. SUBTITLE: Packaging
 4. AUTHORITY: DI-PACK-80121C
 5. CONTRACT REFERENCE: C.8.10.2, C.8.10.3
 6. REQUIRING OFFICE: SFAE-GCS-SBCT-B
 7. DD250 REQ: LT
 8. APP CODE: NA
 9. DIST. STATEMENT REQ: A
 10. FREQUENCY: As required
 11. AS OF DATE: As required
 12. DATE OF FIRST SUBMISSION: See block 16
 13. DATE OF SUBS. SUBMISSION: NA
 14. DISTRIBUTION:

A. ADDRESSEE:	B. COPIES:		
	FINAL	DRAFT	REG REPRO:
Michael.r.brown19.civ@mail.mil	1		1
john.r.kandrot.civ@mail.mil	1		1
dawn.m.brinkmeier.civ@mail.mil	1		1

15. TOTAL COPIES: 6

16. REMARKS: IAW MIL-STD-2073-ID, ASTM-D-4169

A Packaging Validation Test Report shall be submitted for each SPI component as an attachment to the Special Packaging Instruction.

For Engineering changes and logistics changes, submit within 60 days after approved change.

BLK 12 - First submittal due 60 days after approved ECP changes.

BLK 14 - Submit electronically in a format that is readable and editable by the Government (currently MS Word Office) Repro copy = Electronic delivery CD ROM or email.

Packaging:
 Repro = electronic copy delivery to email:
 AMSTA-LCL-MSP: dawn.m.brinkmeier.civ@mail.mil

17. PRICE GROUP: NSP
 18. ESTIMATED TOTAL PRICE: NSP

G. PREPARED BY: Paul Webster
H: DATE: October 2013
I: APPROVED BY: Paul Webster
J: DATE: October 2013
PAGE 1 OF 1

DD FORM 1423, FEB 2001
CONTRACT DATA REQUIREMENT LIST, PREVIOUS EDITION MAY BE USED Form Approval OMB No. 0704-0188

A. CONTRACT LINE ITEM NO.: L013
B. EXHIBIT: BB
C. CATEGORY:
TDP ____ TM ____ OTHER_X_
D. SYSTEM/ITEM: Stryker Family of Vehicles
E. CONTRACT/PR NO.: W56HZV-14-C-B019
F. CONTRACTOR: GM GDLS Defense Group, LLC

-
1. DATA ITEM NO: L013
 2. TITLE: Container Design Retrieval System (CDRS) Search Request
 3. SUBTITLE: Packaging
 4. AUTHORITY: DI-PACK-80683B
 5. CONTRACT REFERENCE: C.8.11.2
 6. REQUIRING OFFICE: SFAE-GCS-SBCT-B
 7. DD250 REQ: LT
 8. APP CODE: NA
 9. DIST. STATEMENT REQ: A
 10. FREQUENCY: As required
 11. AS OF DATE: As required
 12. DATE OF FIRST SUBMISSION: See block 16
 13. DATE OF SUBS. SUBMISSION: NA
 14. DISTRIBUTION:

A.	ADDRESSEE:	B. COPIES:
		FINAL
		DRAFT REG REPRO:
	Michael.r.brown19.civ@mail.mil	1
	john.r.kandrot.civ@mail.mil	1
	dawn.m.brinkmeier.civ@mail.mil	1

15. TOTAL COPIES: 3

16. REMARKS: BLK 12 - Submit Search Request to CDRS for approved candidates.

The CDRS management office can be contacted through AAC/ WMOC (CDRS), Attn: CDRS, 314 West Choctawhatchee Avenue, Suite 104, Eglin AFB, FL 32542-5717.

Packaging:
Repro = electronic copy delivery to email: AMSTA-LCL-MSP: dawn.m.brinkmeier.civ@mail.mil

17. PRICE GROUP: NSP
18. ESTIMATED TOTAL PRICE: NSP

G. PREPARED BY: Paul Webster
H: DATE: October 2013
I: APPROVED BY: Paul Webster
J: DATE: October 2013
PAGE 1 OF 1

DD FORM 1423, FEB 2001
CONTRACT DATA REQUIREMENT LIST, PREVIOUS EDITION MAY BE USED Form Approval OMB No. 0704-0188

A. CONTRACT LINE ITEM NO.: L014
B. EXHIBIT: BC
C. CATEGORY:
TDP ____ TM ____ OTHER_X_
D. SYSTEM/ITEM: Stryker Family of Vehicles
E. CONTRACT/PR NO.: W56HZV-14-C-B019
F. CONTRACTOR: GM GDLS Defense Group, LLC

-
1. DATA ITEM NO: L014
 2. TITLE: Reusable Containers
 3. SUBTITLE: NA
 4. AUTHORITY: DI-SESS-81000E & DI-PACK-80457
 5. CONTRACT REFERENCE: C.8.11.3
 6. REQUIRING OFFICE: SFAE-GCS-SBCT-B
 7. DD250 REQ: LT
 8. APP CODE: NA
 9. DIST. STATEMENT REQ: NA
 10. FREQUENCY: As required
 11. AS OF DATE: As required
 12. DATE OF FIRST SUBMISSION: As required
 13. DATE OF SUBS. SUBMISSION: As required
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	dawn.m.brinkmeier.civ@mail.mil	1

15. TOTAL COPIES: 3

16. REMARKS: The contractor shall notify TACOM Packaging of any potential LLRC candidates as a result of the ECPs.

If candidate is considered for LLRC development, the contractor shall submit a proposal within 60 days of Government approval in accordance with LLRC Proposal Attachment. The CDRS search results should be part of the proposal.

The Government will evaluate each LLRC proposal within 30 days upon receipt. Once the proposal is approved the contractor shall produce a prototype, schedule and perform validation testing, and provide a validation test report. Contractor shall notify Government 30 days in advance of validation testing to allow for Government representative attendance. Twelve months after receipt of formal Government approval contractor must provide TDP of validated container.

Usage of commercially available reusable containers is restricted to packaging of LRU. The contractor shall submit potential candidate list and proposal for each applicable LRU within 30 days after each Logistic Review.

The contractor shall be notified in writing by the Government of approval or rejection within 30 days upon receipt of proposal.

17. PRICE GROUP: NSP
18. ESTIMATED TOTAL PRICE: NSP

G. PREPARED BY: Paul Webster
H: DATE: October 2013
I: APPROVED BY: Paul Webster
J: DATE: October 2013
PAGE 1 OF 1

PIIN/SIIN W56HZV-14-C-B019

MOD/AMD

ATT/EXH ID Exhibit BC

PAGE 2

DD FORM 1423, FEB 2001
CONTRACT DATA REQUIREMENT LIST, PREVIOUS EDITION MAY BE USED Form Approval OMB No. 0704-0188

A. CONTRACT LINE ITEM NO.: L015
B. EXHIBIT: BD
C. CATEGORY:
TDP ___ TM ___ OTHER_X_
D. SYSTEM/ITEM: Stryker Family of Vehicles
E. CONTRACT/PR NO.: W56HZV-14-C-B019
F. CONTRACTOR: GM GDLS Defense Group, LLC

1. DATA ITEM NO: L015
2. TITLE: Training Support Packages (TSP)
3. SUBTITLE: Training Materials & Products
4. AUTHORITY: DI-ILSS-80872/T
5. CONTRACT REFERENCE: C.8.12
6. REQUIRING OFFICE: SFAE-GCS-SBCT-B
7. DD250 REQ: LT
8. APP CODE: A
9. DIST. STATEMENT REQ: NA
10. FREQUENCY: See Blk 16
11. AS OF DATE: DAC
12. DATE OF FIRST SUBMISSION: See Blk 16
13. DATE OF SUBS. SUBMISSION: See Blk 16
14. DISTRIBUTION:

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Jay.a.kinsey.civ@mail.mil
Jamie.l.gardner-kaufman.civ@mail.mil
Patrick.w.henn.civ@mail.mil

15. TOTAL COPIES: 1

16. REMARKS: BLK 10-13: The contractor shall deliver a Training Support Package (TSP) for operator and maintenance training to the government for review 90 days after the training task analysis is completed. The contractor shall deliver to the Government a cumulative TSP inclusive of all changes made 60 days after completion of I&KPT. The TSP shall be delivered in CD ROM.

17. PRICE GROUP: NSP
18. ESTIMATED TOTAL PRICE: NSP

G. PREPARED BY: Paul Webster
H: DATE: October 2013
I: APPROVED BY: Paul Webster
J: DATE: October 2013
PAGE 1 OF 1

DD FORM 1423, FEB 2001
CONTRACT DATA REQUIREMENT LIST, PREVIOUS EDITION MAY BE USED Form Approval OMB No. 0704-0188

A. CONTRACT LINE ITEM NO.: L016
B. EXHIBIT: BE
C. CATEGORY:
TDP ____ TM ____ OTHER_X_
D. SYSTEM/ITEM: Stryker Family of Vehicles
E. CONTRACT/PR NO.: W56HZV-14-C-B019
F. CONTRACTOR: GM GDLS Defense Group, LLC

1. DATA ITEM NO: L016
2. TITLE: Instructor & Key Personnel Training (I&KPT)
3. SUBTITLE: NA
4. AUTHORITY: .): DI-ADMN-81505
5. CONTRACT REFERENCE: C.8.12.1
6. REQUIRING OFFICE: SFAE-GCS-SBCT-B
7. DD250 REQ: LT
8. APP CODE: A
9. DIST. STATEMENT REQ: NA
10. FREQUENCY: See Blk 16
11. AS OF DATE: DAC
12. DATE OF FIRST SUBMISSION: See Blk 16
13. DATE OF SUBS. SUBMISSION: See Blk 16
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	Jamie.l.gardner-kaufman.civ@mail.mil	1
	Patrick.w.henn.civ@mail.mil	1

15. TOTAL COPIES: 5
16. REMARKS: BLK 10-13 The contractor shall deliver to the government: class rosters, student evaluations and After Action Report No Later Than (NLT) 10 days after completion of I&KPT.

17. PRICE GROUP: NSP
18. ESTIMATED TOTAL PRICE: NSP

G. PREPARED BY: Paul Webster
H: DATE: October 2013
I: APPROVED BY: Paul Webster
J: DATE: October 2013
PAGE 1 OF 1

DD FORM 1423, FEB 2001
CONTRACT DATA REQUIREMENT LIST, PREVIOUS EDITION MAY BE USED Form Approval OMB No. 0704-0188

A. CONTRACT LINE ITEM NO.: L017
B. EXHIBIT: BF
C. CATEGORY:
TDP ____ TM ____ OTHER_X_
D. SYSTEM/ITEM: Stryker Family of Vehicles
E. CONTRACT/PR NO.: W56HZV-14-C-B019
F. CONTRACTOR: GM GDLS Defense Group, LLC

1. DATA ITEM NO: L017
2. TITLE: Training Task Analysis
3. SUBTITLE: NA
4. AUTHORITY: DI-SESS-81758 and DI-SESS-81759
5. CONTRACT REFERENCE: C.8.12.5
6. REQUIRING OFFICE: SFAE-GCS-SBCT-B
7. DD250 REQ: LT
8. APP CODE:
9. DIST. STATEMENT REQ: NA
10. FREQUENCY: See Blk 16
11. AS OF DATE: See Blk 16
12. DATE OF FIRST SUBMISSION: See Blk 16
13. DATE OF SUBS. SUBMISSION: See Blk 16
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Jay.a.kinsey.civ@mail.mil	1
Jamie.l.gardner-kaufman.civ@mail.mil	1
Patrick.w.henn.civ@mail.mil	1

15. TOTAL COPIES: 5

16. REMARKS: BLK 10-13 Contractor shall deliver the Training Task Analysis report 60 days prior to I&KPT. The contractor shall deliver changes to the Task Analysis identified during I&KPT NLT 30 days after the completion of I&KPT.

17. PRICE GROUP: NSP
18. ESTIMATED TOTAL PRICE: NSP

G. PREPARED BY: Paul Webster
H. DATE: October 2013
I. APPROVED BY: Paul Webster
J. DATE: October 2013
PAGE 1 OF 1

DD FORM 1423, FEB 2001
CONTRACT DATA REQUIREMENT LIST, PREVIOUS EDITION MAY BE USED Form Approval OMB No. 0704-0188

A. CONTRACT LINE ITEM NO.: L018
B. EXHIBIT: BG
C. CATEGORY:
TDP ____ TM ____ OTHER_X_
D. SYSTEM/ITEM: Stryker Family of Vehicles
E. CONTRACT/PR NO.: W56HZV-14-C-B019
F. CONTRACTOR: GM GDLS Defense Group, LLC

-
1. DATA ITEM NO: L018
 2. TITLE: Equipment Preservation Data Sheets (EPDS)
 3. SUBTITLE: NA
 4. AUTHORITY: DI-PACK-81581
 5. CONTRACT REFERENCE: C.8.10.4
 6. REQUIRING OFFICE: SFAE-GCS-SBCT-B
 7. DD250 REQ: LT
 8. APP CODE: A
 9. DIST. STATEMENT REQ: NA
 10. FREQUENCY: As required
 11. AS OF DATE: As required
 12. DATE OF FIRST SUBMISSION: Draft 30 days after first vehicle DD250 acceptance
 13. DATE OF SUBS. SUBMISSION: Final 70 days after first vehicle DD250 acceptance
 14. DISTRIBUTION:

A. ADDRESSEE:	B. COPIES:		
	FINAL	DRAFT	REG REPRO:
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dawn.m.brinkmeier.civ@mail.mil	1		1

15. TOTAL COPIES: 8

16. REMARKS: The contractor shall develop an EPDS for each Stryker variant IAW MIL-STD-3003 within 30 days after first vehicle DD250 acceptance and deliver initial submittal electronically to the Government. The contractor and Government shall perform limited validation exercise procedures at contractor's facility 30 days after receipt of initial EPDS submittal. The contractor to submit final electronic draft EPDS to Government 10 days after completion of validation exercise procedures.

The Government will review and either approve or disapprove within 10 days after receiving contractor's electronic draft EPDS. The contractor shall include Government approved EPDS into Organizational Manuals within 10 days upon receipt and provide Government written notification.

Any approved design or logistical changes directly affecting shipment configuration, weight, and transportability must be incorporated by the contractor into Government approved EPDS. Copy of revised EPDS must be provided to Government in compatible electronic format within 10 days after EPDS has been revised by contractor. The Government shall notify contractor of approval within 5 days of receiving revised EPDS. The contractor to insert Government approved revised EPDS into Organizational Manuals within 10 days upon receipt and provide Government written notification.

17. PRICE GROUP: NSP
18. ESTIMATED TOTAL PRICE: NSP

G. PREPARED BY: Paul Webster
H: DATE: October 2013
I: APPROVED BY: Paul Webster
J: DATE: October 2013
PAGE 1 OF 1

PIIN/SIIN W56HZV-14-C-B019

MOD/AMD

ATT/EXH ID Exhibit BG

PAGE 2

DD FORM 1423, FEB 2001
 CONTRACT DATA REQUIREMENT LIST, PREVIOUS EDITION MAY BE USED Form Approval OMB No. 0704-0188

- A. CONTRACT LINE ITEM NO.: L019
- B. EXHIBIT: BH
- C. CATEGORY:
 TDP ____ TM ____ OTHER X
- D. SYSTEM/ITEM: Stryker Family of Vehicles
- E. CONTRACT/PR NO.: W56HZV-14-C-B019
- F. CONTRACTOR: GM GDLs Defense Group, LLC

-
- 1. DATA ITEM NO: L019
 - 2. TITLE: Meeting Minutes
 - 3. SUBTITLE: NA
 - 4. AUTHORITY: DI-ADMN-81505
 - 5. CONTRACT REFERENCE: C.8.16
 - 6. REQUIRING OFFICE: SFAE-GCS-SBCT-B
 - 7. DD250 REQ: NA
 - 8. APP CODE: NA
 - 9. DIST. STATEMENT REQ: D
 - 10. FREQUENCY: Quarterly
 - 11. AS OF DATE: Start of Contract
 - 12. DATE OF FIRST SUBMISSION: TBD at Start of Work
 - 13. DATE OF SUBS. SUBMISSION: 3 working days after each meeting
 - 14. DISTRIBUTION:

A. ADDRESSEE:	B. COPIES:			
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Paul.g.webster.civ@mail.mil		1		
Marilyn.l.salazar.civ@mail.mil	1		Patrick.w.henn.civ@mail.mil	1

- 15. TOTAL COPIES: 6
 - 16. REMARKS: BLK 4: DI-ADMN-81505 is tailored as follows:
 - 1. Content is deleted in its entirety and replaced with
 The meeting minutes shall contain the following:
 meeting agenda
 open action item list with suspense date
 project schedule
 program status
 presentation material, e.g. engineering quad charts, etc
 funding status
 - Delete 10.2.1 thru 10.2.1.3 and sections 10.3,10.4
 - The minutes shall be electronically delivered to the Government via e-mail, CD or DVD to the individuals addressed in BLK 14.
 - The contractor shall deliver all minutes in contractor format.
 - 17. PRICE GROUP: NSP
 - 18. ESTIMATED TOTAL PRICE: NSP
-

G. PREPARED BY: Paul Webster
H: DATE: October 2013
I: APPROVED BY: Paul Webster
J: DATE: October 2013
PAGE 1 OF 1

DD FORM 1423, FEB 2001
CONTRACT DATA REQUIREMENT LIST, PREVIOUS EDITION MAY BE USED Form Approval OMB No. 0704-0188

A. CONTRACT LINE ITEM NO.: L020
B. EXHIBIT: BI
C. CATEGORY:
TDP ____ TM ____ OTHER_X_
D. SYSTEM/ITEM: Stryker Family of Vehicles
E. CONTRACT/PR NO.: W56HZV-14-C-B019
F. CONTRACTOR: GM GDLS Defense Group, LLC

1. DATA ITEM NO: L020
2. TITLE: Government Furnished Materiel List
3. SUBTITLE: NA
4. AUTHORITY: DI-MGMT-80408B
5. CONTRACT REFERENCE: C.7.2.1.5.3, C.7.2.1.6.1
6. REQUIRING OFFICE: SFAE-GCS-SBCT-B
7. DD250 REQ: NA
8. APP CODE: NA
9. DIST. STATEMENT REQ: NA
10. FREQUENCY: Once
11. AS OF DATE: NA
12. DATE OF FIRST SUBMISSION: See block 16
13. DATE OF SUBS. SUBMISSION: NA
14. DISTRIBUTION:

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		DRAFT REG REPRO:
	richard.d.worth4.civ@mail.mil	1
	Matthew.n.dover.civ@mail.mil	1

15. TOTAL COPIES: 2

16. REMARKS: Block 4: DI-MISC-80408B is tailored as follows:
Delete Requirements sections 1 and 2.

Twelve months before materiel is required from PMO SBCT, the Contractor shall deliver a Government Furnished Materiel List.
Six months prior to the first vehicle tear down, the contractor shall provide the Government with a list of non ECP required material.

For any materiel required, the list shall include:

1. quantities
2. requirement dates
3. requirement locations
4. nomenclature
5. part number

The report shall be in Microsoft Excel.

17. PRICE GROUP: NSP
18. ESTIMATED TOTAL PRICE: NSP

G. PREPARED BY: Paul Webster
H: DATE: October 2013
I: APPROVED BY: Paul Webster
J: DATE: October 2013
PAGE 1 OF 1

DD FORM 1423, FEB 2001
CONTRACT DATA REQUIREMENT LIST, PREVIOUS EDITION MAY BE USED Form Approval OMB No. 0704-0188

A. CONTRACT LINE ITEM NO.: T001
B. EXHIBIT: BJ
C. CATEGORY:
TDP ____ TM ____ OTHER X ____
D. SYSTEM/ITEM: Stryker Family of Vehicles
E. CONTRACT/PR NO.: W56HZV-14-C-B019
F. CONTRACTOR: GM GDLS Defense Group, LLC

-
1. DATA ITEM NO: T001
 2. TITLE: System Support Package List
 3. SUBTITLE: NA
 4. AUTHORITY: DI-ILSS-80134A/T
 5. CONTRACT REFERENCE: C.9.3, C.9.2.1
 6. REQUIRING OFFICE: SFAE-GCS-SBCT-B
 7. DD250 REQ: LT
 8. APP CODE: NA
 9. DIST. STATEMENT REQ: B
 10. FREQUENCY: Required for each test
 11. AS OF DATE: See Block 16
 12. DATE OF FIRST SUBMISSION: See Block 16
 13. DATE OF SUBS. SUBMISSION: NA
 14. DISTRIBUTION:

A. ADDRESSEE:	B. COPIES:		
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Deborah.A.Buyse.civ@mail	1		
Christopher.Hewett5.civ@mail	1		

15. TOTAL COPIES: 3

16. REMARKS: BLK 4: DID DI-ILSS-80134A is tailored as follows:

10.1 General, add the following at end of paragrah:

In addition to the spare parts list, the SSPL will also contain Peculiar common and special tools, Test, Measurement and Diagnostic Equipment (TMDE), Training materials for test site personnel, Technical manuals, Expendable manuals and Parts storage containers or trailers

Block 11, 12: For each test required, 270 days prior to delivery of vehicles to Government test sites. The SSPL shall define the required support elements.

17. PRICE GROUP: NSP
18. ESTIMATED TOTAL PRICE: NSP

G. PREPARED BY: Bernie Larkin
H: DATE: October 2013
I: APPROVED BY: Bernie Larkin
J: DATE: October 2013
PAGE 1 OF 1

DD FORM 1423, FEB 2001
CONTRACT DATA REQUIREMENT LIST, PREVIOUS EDITION MAY BE USED Form Approval OMB No. 0704-0188

A. CONTRACT LINE ITEM NO.: T002
B. EXHIBIT: BK
C. CATEGORY:
TDP ____ TM ____ OTHER X____
D. SYSTEM/ITEM: Stryker Family of Vehicles
E. CONTRACT/PR NO.: W56HZV-14-C-B019
F. CONTRACTOR: GM GDLS Defense Group, LLC

1. DATA ITEM NO: T002
2. TITLE: Configuration of Test Vehicles
3. SUBTITLE: NA
4. AUTHORITY: DI-MGMT-80368A/T
5. CONTRACT REFERENCE: C.9.8
6. REQUIRING OFFICE: SFAE-GCS-SBCT-B
7. DD250 REQ: LT
8. APP CODE: NA
9. DIST. STATEMENT REQ: B
10. FREQUENCY: Quarterly
11. AS OF DATE: See Block 16
12. DATE OF FIRST SUBMISSION: See Block 16
13. DATE OF SUBS. SUBMISSION: Quarterly
14. DISTRIBUTION:

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15. TOTAL COPIES: 3

16. REMARKS: BLK 4: DID, DI-MGMT-80638A/T is tailored as follows:

Section 2 Format: deleted contractor format and replace with MS PowerPoint.

Section 3.2 Body of report shall be deleted in its entirety and replaced with the following:

3.2 Body of Report. The report shall detail the configuration of each test vehicle, organized by test vehicle and shall identify the location of each test vehicle.

Section 3.2.1 shall be deleted in its entirety and replaced with the following:

3.2.1. The status of the following shall be provided for in this report:

- a. Identify software and hardware versions of the RWS, C4ISR (FBCB2) and Drive Train configuration.
- b. Identify what version of the Mission Equipment Package (MEP) is on each test vehicle.
- c. Identify Engineering Change Orders that have been released to the TDP but not yet applied to each test vehicle.

Delete 3.2.2, 3.2.3, and 3.2.4.

BLKs 11 & 12: First report due three months after effective date of contract.

17. PRICE GROUP: NSP
18. ESTIMATED TOTAL PRICE: NSP

G. PREPARED BY: Bernie Larkin
H: DATE: October 2013
I: APPROVED BY: Bernie Larkin
J: DATE: October 2013
PAGE 1 OF 1

DD FORM 1423, FEB 2001
CONTRACT DATA REQUIREMENT LIST, PREVIOUS EDITION MAY BE USED Form Approval OMB No. 0704-0188

A. CONTRACT LINE ITEM NO.: T003
B. EXHIBIT: BL
C. CATEGORY:
TDP ____ TM ____ OTHER X ____
D. SYSTEM/ITEM: Stryker Family of Vehicles
E. CONTRACT/PR NO.: W56HZV-14-C-B019
F. CONTRACTOR: GM GDLS Defense Group, LLC

1. DATA ITEM NO: T003
2. TITLE: System Support Package Data Base
3. SUBTITLE: NA
4. AUTHORITY: DI ILSS 80134A T
5. CONTRACT REFERENCE: C.9.3.2
6. REQUIRING OFFICE: SFAE-GCS-SBCT-B
7. DD250 REQ: LT
8. APP CODE: NA
9. DIST. STATEMENT REQ: B
10. FREQUENCY: Montly
11. AS OF DATE: See Block 16
12. DATE OF FIRST SUBMISSION: See Block 16
13. DATE OF SUBS. SUBMISSION: See Block 16
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15. TOTAL COPIES: 4

16. REMARKS: The System Support Package (SSP) parts data shall be delivered monthly on the 15th of each month with the cut-off date for data therein being the end of the previous month. The report shall capture all SSP purchases made under this contract both past and on-going purchases. The following purchases are applicable: spares and repair parts, kits, special tools and test equipment, software, and site support equipment. The report shall contain identification of each item in the SSP by nomenclature; part number; Serial Number (if applicable); Unit cost; NSN; Vehicle Application (Example: DVH, Flat Bottom, Common, etc); quantity on-hand, location (test site); quantity ordered during the reporting period and estimated delivery date of undelivered material.

BLK 4: DID DI-ILSS-80134A is tailored as follows:

10.1 General, add the following at end of paragraph:

In addition to the spare parts list, the SSPL will also contain Peculiar common and special tools, Test, Measurement and Diagnostic Equipment (TMDE), Training materials for test site personnel, Technical manuals, Expendable manuals and Parts storage containers or trailers.

10.3 Content remove the following sections;

- k. Mean-Time-Between-Failure of each item
- m. Explanatory narrative which describes the recommended quantity to take into account multiple end items at a single location.

17. PRICE GROUP: NSP
18. ESTIMATED TOTAL PRICE: NSP

G. PREPARED BY: Bernie Larkin
H: DATE: October 2013
I: APPROVED BY: Bernie Larkin

DD FORM 1423, FEB 2001
CONTRACT DATA REQUIREMENT LIST, PREVIOUS EDITION MAY BE USED Form Approval OMB No. 0704-0188

A. CONTRACT LINE ITEM NO.: T004
B. EXHIBIT: BM
C. CATEGORY:
TDP ____ TM ____ OTHER X ____
D. SYSTEM/ITEM: Stryker Family of Vehicles
E. CONTRACT/PR NO.: W56HZV-14-C-B019
F. CONTRACTOR: GM GDLS Defense Group, LLC

1. DATA ITEM NO: T004
2. TITLE: Failure Analysis & Corrective
Action Report (FACAR)
3. SUBTITLE: NA
4. AUTHORITY: DI-SESS-81315B
5. CONTRACT REFERENCE: C.9.6
6. REQUIRING OFFICE: SFAE-GCS-SBCT-B
7. DD250 REQ: LT
8. APP CODE: NA
9. DIST. STATEMENT REQ: B
10. FREQUENCY: See Block 16
11. AS OF DATE: See Block 16
12. DATE OF FIRST SUBMISSION: See Block 16
13. DATE OF SUBS. SUBMISSION: See Block 16
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	Christopher.Hewett5.civ@mail	1

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16. REMARKS: BLKS 10, 11, 12,13 & 14:

Interim and Final FACARS responses shall be sent to the Versatile Information Systems Integrated Online (VISION) Digital Library System

Interim FACAR Responses: Interim FACARS shall be provided by the Contractor within the following specified time frames:

- a.Critical Defect 48 hours after Government notification.
- b.Major Defect 20 days after government notification.
- c.Minor Defect Interim response optional.
- d.Informational No interim response required.

The interim response shall provide the status of the Contractors investigation, and proposed date for submission of the final response. The interim status shall be updated every 30 days subsequent to the initial submission of the interim response.

Final Responses: Final responses are required for all TIRs (Critical, Major, and Minor), within forty five (45) calendar days after receipt unless modified as stated above. The Contractor shall provide responses to all informational TIRs which result from a non-compliance with the specification or a contractual requirement. The Contractor shall indicate the corrective action status, either Final or Interim on each FACAR and determine if it is closed or open. The Government will provide the closure criteria for those FACARS.

17. PRICE GROUP: NSP
18. ESTIMATED TOTAL PRICE: NSP

G. PREPARED BY: Bernie Larkin
H: DATE: October 2013

I: APPROVED BY: Bernie Larkin
J: DATE: October 2013
PAGE 1 OF 1

DD FORM 1423, FEB 2001
CONTRACT DATA REQUIREMENT LIST, PREVIOUS EDITION MAY BE USED Form Approval OMB No. 0704-0188

A. CONTRACT LINE ITEM NO.: T005
B. EXHIBIT: BN
C. CATEGORY:
TDP ____ TM ____ OTHER X____
D. SYSTEM/ITEM: Stryker Family of Vehicles
E. CONTRACT/PR NO.: W56HZV-14-C-B019
F. CONTRACTOR: GM GDLS Defense Group, LLC

1. DATA ITEM NO: T005
2. TITLE: Monthly Performance Report
3. SUBTITLE: NA
4. AUTHORITY: DI-MGMT-80368A/T
5. CONTRACT REFERENCE: C.9.7
6. REQUIRING OFFICE: SFAE-GCS-SBCT-B
7. DD250 REQ: LT
8. APP CODE: NA
9. DIST. STATEMENT REQ: B
10. FREQUENCY: Monthly
11. AS OF DATE: Effective date of contract
12. DATE OF FIRST SUBMISSION: 45 days ARO
13. DATE OF SUBS. SUBMISSION: Monthly
14. DISTRIBUTION:

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Christopher.Hewett5.civ@mail	1		
Nicholas.a.sadowski4.civ@mail.mil		1	

15. TOTAL COPIES: 4

16. REMARKS: BLK 4: DID, DI-MGMT-80638A/T is tailored as follows:

Section 2 Format: deleted contractor format and replace with contractors electronic format.

Section 3.2 Body of report shall be deleted in its entirety and replaced with the following:

3.2 Body of Report. The Status Report shall contain the following items,

- 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 spent supporting test activities to original baseline estimate in total
- e. Revised support requirement time line

17. PRICE GROUP: NSP
18. ESTIMATED TOTAL PRICE: NSP

G. PREPARED BY: Bernie Larkin
H: DATE: October 2013
I: APPROVED BY: Bernie Larkin
J: DATE: October 2013

DD FORM 1423, FEB 2001

CONTRACT DATA REQUIREMENT LIST, PREVIOUS EDITION MAY BE USED Form Approval OMB No. 0704-0188

- A. CONTRACT LINE ITEM NO.: E001
- B. EXHIBIT: B0
- C. CATEGORY:
TDP _____ TM _____ OTHER X _____
- D. SYSTEM/ITEM: Stryker Family of Vehicles
- E. CONTRACT/PR NO.: W56HZV-14-C-B019
- F. CONTRACTOR: GM GDLs Defense Group, LLC

-
- 1. DATA ITEM NO: E001
 - 2. TITLE: Final Inspection Record
 - 3. SUBTITLE: NA
 - 4. AUTHORITY: DI-QCIC-81068
 - 5. CONTRACT REFERENCE: E.1.1
 - 6. REQUIRING OFFICE: SFAE-GCS-SBCT-B
 - 7. DD250 REQ: LT
 - 8. APP CODE: NA
 - 9. DIST. STATEMENT REQ: NA
 - 10. FREQUENCY: As Required by blocks 12 and 16
 - 11. AS OF DATE: NA
 - 12. DATE OF FIRST SUBMISSION: 30 days prior to initial prototype production for each variant
 - 13. DATE OF SUBS. SUBMISSION: NA
 - 14. DISTRIBUTION:

A. ADDRESSEE:	B. COPIES:		
	FINAL	DRAFT	REG REPRO:
Kelvin.Z.Sandoval.civ@mail.mil	1	1	
Thomas.G.Sickles.civ@mail.mil	1	1	

15. TOTAL COPIES: 4

16. REMARKS: The Final Inspection Record is developed, maintained, and implemented IAW requirements in Section E of the contract titled Final Inspection Records. Transmittal of the FIR document, and government approval, can be by electronic means. Data item DI-QCIC-81068 may be used for reference.

- 17. PRICE GROUP: NSP
- 18. ESTIMATED TOTAL PRICE: NSP

G. PREPARED BY: Tom Sickles
H: DATE: October 2013
I: APPROVED BY: Tom Sickles
J: DATE: October 2013
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