

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. Contract ID Code **Page 1 Of 3**
 Cost Plus Incentive Fee (Cost Based)

2. Amendment/Modification No. P00014	3. Effective Date 2014MAY14	4. Requisition/Purchase Req No. SEE SCHEDULE	5. Project No. (If applicable)
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6. Issued By U.S. ARMY CONTRACTING COMMAND LUCINDA KLISZ WARREN, MICHIGAN 48397-5000 HTTP://CONTRACTING.TACOM.ARMY.MIL EMAIL: LUCINDA.KLISZ@US.ARMY.MIL	Code W56HZV	7. Administered By (If other than Item 6) DCMA DETROIT 35803 MOUND ROAD STERLING HEIGHTS MI 48310	Code S2305A
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8. 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	<input type="checkbox"/>	9A. Amendment Of Solicitation No.
	<input type="checkbox"/>	9B. Dated (See Item 11)
	<input checked="" type="checkbox"/>	10A. Modification Of Contract/Order No. W56HZV-12-C-0322
	<input type="checkbox"/>	10B. Dated (See Item 13) 2012SEP14
Code 7W356	Facility Code	

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

The above numbered solicitation is amended as set forth in item 14. The hour and date specified for receipt of Offers is extended, is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended by one of the following methods:
 (a) By completing items 8 and 15, and returning _____ copies of the amendments; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. **FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER.** If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. Accounting And Appropriation Data (If required)

NO CHANGE TO OBLIGATION DATA

**13. THIS ITEM ONLY APPLIES TO MODIFICATIONS OF CONTRACTS/ORDERS
 It Modifies The Contract/Order No. As Described In Item 14.**

<input type="checkbox"/>	A. This Change Order is Issued Pursuant To: The Contract/Order No. In Item 10A.	The Changes Set Forth In Item 14 Are Made In
<input checked="" type="checkbox"/>	B. The Above Numbered Contract/Order Is Modified To Reflect The Administrative Changes (such as changes in paying office, appropriation data, etc.) Set Forth In Item 14, Pursuant To The Authority of FAR 43.103(b).	
<input type="checkbox"/>	C. This Supplemental Agreement Is Entered Into Pursuant To Authority Of:	
<input type="checkbox"/>	D. Other (Specify type of modification and authority)	

E. IMPORTANT: Contractor is not, is required to sign this document and return _____ copies to the Issuing Office.

14. Description Of Amendment/Modification (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

SEE SECOND PAGE FOR DESCRIPTION

Except as provided herein, all terms and conditions of the document referenced in item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. Name And Title Of Signer (Type or print)	16A. Name And Title Of Contracting Officer (Type or print) LISA M. JONES LISA.M.JONES3@US.ARMY.MIL (586)282-6973		
15B. Contractor/Offeror (Signature of person authorized to sign)	15C. Date Signed	16B. United States Of America By _____ /SIGNED/ (Signature of Contracting Officer)	16C. Date Signed 2014MAY14

CONTINUATION SHEET	Reference No. of Document Being Continued	Page 2 of 3
	PIIN/SIIN W56HZV-12-C-0322 MOD/AMD P00014	
Name of Offeror or Contractor: GENERAL DYNAMICS LAND SYSTEMS INC.		

SECTION A - SUPPLEMENTAL INFORMATION

Buyer Name: LUCINDA KLISZ
 Buyer Office Symbol/Telephone Number: CCTA-HBF-M/(586)282-7441
 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: A
 Weapon System: No Identified Army Weapons Systems
 Contract Expiration Date: 2020APR01

*** End of Narrative A0000 ***

Bilateral Modification P00014

1. The purpose of Modification P00014 is to:

- a. Update delivery information in section 16 REMARKS of the following CDRLS: A031, A032, A033, A034, A035, A037, A038, A039, and A085.
- b. Add the following items to Attachment C - GFM: Transmission Shipping Skid (8145-01-112-6582), Engine Shipping Container (8145-01-112-6574), and Digital Engine Control Unit (DECU) (12488555).

2. As a result of this modification, SECTION J is changed to reflect the following:

a. Section 16 REMARKS regarding delivery is updated on the following CDRLS:

- CDRL A031 SOFTWARE DESIGN DESCRIPTION (SDD)
- CDRL A032 INTERFACE REQUIREMENTS SPECIFICATION (IRS)
- CDRL A033 INTERFACE DESIGN DESCRIPTION
- CDRL A034 SOFTWARE TEST PLAN (STP)
- CDRL A035 SYSTEM LEVEL SOFTWARE TEST REPORT
- CDRL A037 SOFTWARE VERSION DESCRIPTION (SVD)
- CDRL A038 SOFTWARE VERSION INFORMATION PAPER
- CDRL A039 SOFTWARE RELEASE NOTES
- CDRL A085 SOFTWARE REQUIREMENTS SPECIFICATION (SRS)

b. Attachment C - GFM is revised to reflect the following additions:

- Transmission Shipping Skid (8145-01-112-6582) quantity of 9
- Engine Shipping Container (8145-01-112-6574) quantity of 9
- Digital Engine Control Unit (DECU) (12488555) quantity of 2

3. As a result of this modification, the total obligated contract amount is neither increased nor decreased.

4. All other terms and conditions, except those addressed in this modification, remain unchanged and if full force and effect.

*** END OF NARRATIVE A0017 ***

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

PIIN/SIIN W56HZV-12-C-0322

MOD/AMD P00014

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

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 AG	CDRL A031 SOFTWARE DESIGN DESCRIPTION (SDD)			
Exhibit AH	CDRL A032 INTERFACE REQUIREMENTS SPECIFICATION (IRS)			
Exhibit AI	CDRL A033 INTERFACE DESIGN DESCRIPTION			
Exhibit AJ	CDRL A034 SOFTWARE TEST PLAN (STP)			
Exhibit AK	CDRL A035 SYSTEM LEVEL SOFTWARE TEST REPORT			
Exhibit AM	CDRL A037 SOFTWARE VERSION DESCRIPTION (SVD)			
Exhibit AN	CDRL A038 SOFTWARE VERSION INFORMATION PAPER			
Exhibit AO	CDRL A039 RELEASE NOTES			
Exhibit CI	CDRL A085 SOFTWARE REQUIREMENTS SPECIFICATION (SRS)			
Attachment 0003	ATTACHMENT C GOVERNMENT FURNISHED MATERIAL	01-MAY-2014	002	

CONTRACT DATA REQUIREMENTS LIST

Form Approval OMB No. 0704-0188

1. DATA ITEM NO: A031
2. TITLE OF DATA ITEM: Software Design Description (SDD)
3. SUBTITLE:
4. AUTHORITY (Dt of Acq Document No.):
5. CONTRACT REFERENCE: C.11.2
6. REQUIRING OFFICE: SFAE-GCS-HBCT-S
7. DD250 REQ:
8. APP CODE:
9. DIST. STATEMENT REQUIRED:
10. FREQUENCY: AS REQUIRED
11. AS OF DATE: SEE BLOCK 16
12. DATE OF FIRST SUB: 15 DAYS PRIOR TO PDR
13. DATE OF SUBS.SUB: SEE BLOCK 16
14. DISTRIBUTION:
 - A. ADDRESSEES
 - B. COPIES
15. TOTAL:
16. REMARKS:
 - A. The Contractor shall develop and deliver a Software Design Description (SDD) that encompasses the Abrams ECP 1 top level design and subsystem design. The SDD shall demonstrate the flow down of system requirements to hardware or software configurations. New or modified subsystems and components shall be easily identifiable.
 - B. The SDD shall be submitted in contractor format with the following content title sections: Scope, Referenced Document, CSCI Wide Design Decision, CSCI Architectural Design, CSCI Detailed Design, Requirement Traceability, and notes.
 - C. The first submission (ITEM 12) shall be provided 15 calendar days prior to PDR.
 - D. The Contractor shall deliver SDD updates 30 calendar days after completion of software drops 3, 4, and 5 and at System Verification Review in accordance with the USG approved IMS.

CONTRACT DATA REQUIREMENTS LIST

Form Approval OMB No. 0704-0188

1. DATA ITEM NO: A032
2. TITLE OF DATA ITEM: Interface Requirements Specification (IRS)
3. SUBTITLE:
4. AUTHORITY (Dt of Acq Document No.):
5. CONTRACT REFERENCE: C.11.4
6. REQUIRING OFFICE: SFAE-GCS-HBCT-S
7. DD250 REQ:
8. APP CODE:
9. DIST. STATEMENT REQUIRED:
10. FREQUENCY: AS REQUIRED
11. AS OF DATE: SEE BLOCK 16
12. DATE OF FIRST SUB: SEE BLOCK 16
13. DATE OF SUBS.SUB: SEE BLOCK 16
14. DISTRIBUTION:
 - A. ADDRESSEES
 - B. COPIES
15. TOTAL:
16. REMARKS:
 - A. The Contractor shall develop all internal and external software interface requirements and designs. This information shall be captured and delivered in the Interface Requirements Specification (IRS).
 - B. The Contractor shall submit the IRS in contractor format with the following content title sections: Scope, Referenced Documents, Requirements, Qualification Provisions (Demonstration, Test, Analysis, and Inspection), Requirement Traceability, and Notes.
 - C. The first submission (ITEM 12) shall be provided 15 calendar days prior to PDR.
 - D. The Contractor shall deliver IRS updates 30 calendar days after completion of software drops 3, 4, and 5 and at System Verification Review in accordance with the USG approved IMS.

CONTRACT DATA REQUIREMENTS LIST

Form Approval OMB No. 0704-0188

1. DATA ITEM NO: A033
2. TITLE OF DATA ITEM: Interface Design Description
3. SUBTITLE:
4. AUTHORITY (Dt of Acq Document No.):
5. CONTRACT REFERENCE: C.11.4
6. REQUIRING OFFICE: SFAE-GCS-HBCT-S
7. DD250 REQ:
8. APP CODE:
9. DIST. STATEMENT REQUIRED:
10. FREQUENCY: AS REQUIRED
11. AS OF DATE:
12. DATE OF FIRST SUB: SEE BLOCK 16
13. DATE OF SUBS.SUB: SEE BLOCK 16
14. DISTRIBUTION:
 - A. ADDRESSEES
 - B. COPIES
15. TOTAL:
16. REMARKS:
 - A. Complete and submit the document in Contractor format with the following content title sections: Scope, Referenced Documents, Interface Design, Requirements Traceability, and notes.
 - B. The first submission (ITEM 12) shall be provided 15 days prior to PDR.
 - C. The Contractor shall deliver Interface Design Description updates 30 calendar days after completion of software drops 3, 4, and 5 and at System Verification Review in accordance with the USG approved IMS.

CONTRACT DATA REQUIREMENTS LIST

Form Approval OMB No. 0704-0188

1. DATA ITEM NO: A034
2. TITLE OF DATA ITEM: Software Test Plan (STP)
3. SUBTITLE:
4. AUTHORITY (Dt of Acq Document No.):
5. CONTRACT REFERENCE: C.11.5
6. REQUIRING OFFICE: SFAE-GCS-HBCT-S
7. DD250 REQ:
8. APP CODE:
9. DIST. STATEMENT REQUIRED:
10. FREQUENCY: AS REQUIRED
11. AS OF DATE: SEE BLOCK 16
12. DATE OF FIRST SUB: SEE BLOCK 16
13. DATE OF SUBS.SUB: SEE BLOCK 16
14. DISTRIBUTION:
 - A. ADDRESSEES
 - B. COPIES
15. TOTAL:
16. REMARKS:
 - A. The Contractor shall develop, document, and conduct a comprehensive software test program.
 - B. The Contractor shall submit the Software Test Plan (STP) in contractor format with the following content title sections: Scope, Referenced Documents, Software Test Environment, Test Identification, Test Schedules, Requirements Traceability, and notes.
 - C. The first submission (ITEM 12) shall be provided 15 calendar days prior to PDR.
 - D. The Contractor shall deliver STP updates 30 calendar days after completion of software drops 3, 4, and 5 in accordance with the USG approved IMS.

CONTRACT DATA REQUIREMENTS LIST

Form Approval OMB No. 0704-0188

1. DATA ITEM NO: A035
2. TITLE OF DATA ITEM: System Level Software Test Report
3. SUBTITLE:
4. AUTHORITY (Dt of Acq Document No.):
5. CONTRACT REFERENCE: C.11.7
6. REQUIRING OFFICE: SFAE-GCS-HBCT
7. DD250 REQ:
8. APP CODE:
9. DIST. STATEMENT REQUIRED:
10. FREQUENCY: ONCE
11. AS OF DATE: SEE BLOCK 16
12. DATE OF FIRST SUB: SEE BLOCK 16
13. DATE OF SUBS.SUB: SEE BLOCK 16
14. DISTRIBUTION:
 - A. ADDRESSEES
 - B. COPIES
15. TOTAL:
16. REMARKS:
 - A. The Contractor shall submit a system level Software Test Report in contractor format with the following content title sections: Scope, Referenced Documents, Overview of Test Results, Detailed Test Result, Test Log, and Appendix.
 - B. The Contractor shall deliver the Final Report 30 calendar days prior to USG TRR.

CONTRACT DATA REQUIREMENTS LIST

Form Approval OMB No. 0704-0188

1. DATA ITEM NO: A037
2. TITLE OF DATA ITEM: Software Version Description (SVD)
3. SUBTITLE:
4. AUTHORITY (Dt of Acq Document No.):
5. CONTRACT REFERENCE: C.11.8
6. REQUIRING OFFICE: SFAE-GCS-HBCT-S
7. DD250 REQ:
8. APP CODE:
9. DIST. STATEMENT REQUIRED:
10. FREQUENCY: AS REQUIRED
11. AS OF DATE: SEE BLOCK 16
12. DATE OF FIRST SUB: SEE BLOCK 16
13. DATE OF SUBS.SUB: SEE BLOCK 16
14. DISTRIBUTION:
 - A. ADDRESSEES
 - B. COPIES
15. TOTAL:
16. REMARKS:
 - A. The Contractor shall deliver a Software Version Description (SVD) describing the version of Computer Software Configuration Items (CSCIs) to be delivered.
 - B. The Contractor shall submit the SVD in contractor format with the following content title sections: Scope, Referenced Documents, Version Description, and notes.
 - C. The Contractor shall deliver the SVD 30 calendar days prior to USG TRR.

CONTRACT DATA REQUIREMENTS LIST

Form Approval OMB No. 0704-0188

1. DATA ITEM NO: A038
2. TITLE OF DATA ITEM: Software Version Description Information Paper
3. SUBTITLE:
4. AUTHORITY (Dt of Acq Document No.):
5. CONTRACT REFERENCE: C.11.8
6. REQUIRING OFFICE: SFAE-GCS-HBCT-S
7. DD250 REQ: N/A
8. APP CODE: A
9. DIST. STATEMENT REQUIRED:
10. FREQUENCY: AS REQUIRED
11. AS OF DATE: SEE BLOCK 16
12. DATE OF FIRST SUB: SEE BLOCK 16
13. DATE OF SUBS.SUB: SEE BLOCK 16
14. DISTRIBUTION:
 - A. ADDRESSEES
 - B. COPIES
15. TOTAL:
16. REMARKS:
 - A. The Contractor shall prepare an Information Paper for each Software Version. The information paper shall include: The purpose of the paper, description of all the software and hardware changes, planned uses, downloading, and compatible software and hardware versions, map data, training devices, training impacts, planned future software date, planned future software drops, and point of contacts for software support.
 - B. The Contractor shall deliver the SVD Information Paper in contractor format 30 calendar days prior to USG TRR.

CONTRACT DATA REQUIREMENTS LIST

Form Approval OMB No. 0704-0188

1. DATA ITEM NO: A039
2. TITLE OF DATA ITEM: Software Release Notes
3. SUBTITLE:
4. AUTHORITY (Dt of Acq Document No.):
5. CONTRACT REFERENCE: C.11.9
6. REQUIRING OFFICE: SFAE-GCS-HBCT-S
7. DD250 REQ:
8. APP CODE:
9. DIST. STATEMENT REQUIRED:
10. FREQUENCY: AS REQUIRED
11. AS OF DATE:
12. DATE OF FIRST SUB: SEE BLOCK 16
13. DATE OF SUBS.SUB: SEE BLOCK 16
14. DISTRIBUTION:
 - A. ADDRESSEES
 - B. COPIES
15. TOTAL:
16. REMARKS:
 - A. The Contractor shall prepare Release Notes for each Software Version and shall include the following:
 1. Configuration Management (CM) Released Software Version and Drop Number.
 2. The Third Party Configuration Items and CSCI Version Numbers.
 3. LRUs and LRMs Version Numbers, Description of the Release, known problems and limitations with the Release.
 4. Baseline Version of the Software, New Functions and Change Requests, Requirements Definition Document, System Trouble Report Fixes, Enhancement Issues, and Downloaders Version and Description.
 - B. The Software Release Notes in contractor format shall be delivered 30 calendar days prior to USG TRR.

CONTRACT DATA REQUIREMENTS LIST

Form Approval OMB No. 0704-0188

1. DATA ITEM NO: A085
2. TITLE OF DATA ITEM: Software Requirements Specification (SRS)
3. SUBTITLE:
4. AUTHORITY (Dt of Acq Document No.): DI-IPSC-81433A
5. CONTRACT REFERENCE: C.11.13
6. REQUIRING OFFICE: SFAE-GCS-HBCT-S
7. DD250 REQ:
8. APP CODE: A
9. DIST. STATEMENT REQUIRED:
10. FREQUENCY: AS REQUIRED
11. AS OF DATE: SEE BLOCK 16
12. DATE OF FIRST SUB: SEE BLOCK 16
13. DATE OF SUBS.SUB: SEE BLOCK 16
14. DISTRIBUTION:
 - A. ADDRESSEES
 - B. COPIES
15. TOTAL:
16. REMARKS:
 - A. The Contractor shall develop and deliver the Software Requirements Specification (SRS) document which specifies the software requirement for all the computer software configuration items (CSCIS) of the Abrams ECP 1 program and the methods to be used to ensure that each software requirement has been met in accordance with reference DID.
 - B. The Software Requirements Specification shall be delivered 30 calendar days after completion of software drops 3,4,and 5 and at System Verification Review in accordance with the USG approved IMS.

Attachment C

Government Furnished Material (GFM)

<u>Item</u>	<u>NSN/PN/SN</u>	<u>Qty</u>	<u>Est. Delivery</u>
Abrams MA2 SEPv2 Tank	2350-01-328-5964	1	04-Jan-13
	2350-01-328-5964	1	15-Nov-13
	2350-01-328-5964	1	15-Nov-13
	2350-01-328-5964	1	04-Jun-14
	2350-01-328-5964	1	04-Jun-14
	2350-01-328-5964	1	15-Jul-14

*Modification P00005 of this contract removes the Improved Fire Control Electronic Unit (GD001851, 12388558-4 IFCEU) from Tank LRZ001M and transfers the component to W56HZV-13-C-0017.

CREW Duke V3 B-Kit	5865-01-567-8646	2	28-Feb-14
Primary Unit (PU)			
Secondary Unit (SU)			
Remote Control Unit (RCU)			
Larson Receiver Antenna			
FRF-119L-501 LPA Antenna			
FRF-105LX Antenna			
Joint Tactical Radio System B-Kit	TBD	10	28-Feb-14
HMS-MP Radio			
HMS-MP Mount			
Power Amplifiers (2)			
MUOS Antenna			
Radio Frequency (RF) Filters			
Cables			
Ammunition Data Link (ADL)	12528570	1	04-May-13
Breechblock Assembly		2	07-May-14
		2	04-Oct-14
		4	15-Nov-14

*Estimated delivery date is based on the Contractor delivering the non-Ammunition Data Link Breechblock Assemblies to Watervliet Arsenal within 30 days of vehicle delivery.

Next Generation Armor Package	TBD	3	01-Apr-17
Vehicle Set			
Thermal Receiving Unit (TRU)	5855-01-541-8032	2	31-Dec-12
Biocular Image Control Unit	5855-01-540-2891	2	31-Dec-12
Transmission w/Container	2520-01-465-4317	8	31-Dec-12
Vehicle Intercom System (AN/VIC-3)	5830-01-395-7448	4	06-Jun-13
AN/VIC-3 Headsets	5965-01-453-2684	16	03-Dec-12

Viasat Ground Transceiver (BFT 2)	7035-01-591-0115	2	31-Oct-12
		2	03-Dec-12
		9	01-Feb-14
Type 1 Programmable Encryption Device - KGV-72	5810-01-564-3364	2	31-Oct-12
		2	03-Dec-12
		13	01-Feb-14
DAGR	5825-01-526-4783	4	01-Oct-14
Simple Key Loader (AN/PYQ-10)	5810-01-517-3587	1	31-Oct-12
		5	03-Dec-12
CITV Assembly	5855-01-538-5795	1	01-Aug-14
CITV Az. Drive Assembly	1290-01-372-3087	1	01-Aug-14
CITV Armor Ring	5340-01-357-8402	1	01-Aug-14
CITV Armor Cover	5340-01-359-5706	1	01-Aug-14
CITV Servo EU	1220-01-444-2915	1	01-Aug-14
Basic Issue Items	N/A	2	01-Aug-14
Gunners Control Handle	1290-01-428-2547	2	31-Oct-12
Commanders Control Handle	1290-01-466-7722	1	31-Oct-12
Control Box	6720-01-554-5362	1	31-Oct-12
Data Distribution Units (-2)	7025-01-603-3340	5	19-Dec-12
DDU Hard Drive Assemblies	9800-53000-2313	5	19-Dec-12
Mounted Family of Computing Systems (MFoCS):			
--Intermediate Primary Unit	7021-01-622-8908	2	15-Jun-14
		3	07-Jul-14
		2	05-Dec-14
		2	09-Jan-15
		2	06-Feb-15
		4	05-Jun-15
--MFoCS Hard Drive Unit (512 Gb)	7025-01-624-3792	4	15-Jun-14
		7	07-Jul-14
		2	05-Dec-14
		2	09-Jan-15
		2	06-Feb-15
		4	05-Jun-15
Transmission Shipping Skid	8145-01-112-6582	3	31-Oct-13
		6	15-Jun-14
Engine Shipping Container	8145-01-112-6574	3	31-Oct-13
		6	15-Jun-14
Digital Engine Control Unit (DECU)	12488555	2	31-Mar-14