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	PIIN/SIIN DAAE07-98-C-M005 MOD/AMD P00199	
<b>Name of Offeror or Contractor:</b> STEWART & STEVENSON TACTICAL VEHICLE SYSTEMS, LP		

SECTION A - SUPPLEMENTAL INFORMATION

CURRENT CONTRACT AMOUNT: \$2,052,841,561.34

AMOUNT THIS ACTION: \$ 0.00

NEW CONTRACT AMOUNT: \$2,052,841,561.34

1. This modification P00199 is a bilateral modification. It follows (in succession) Modification P00198.
2. The purpose of this modification is to implement minor revisions to the Contractor Cost Data Reporting (CCDR) requirements.
3. As a result of this modification, the following changes are made to the contract:
  - a. Section C - Correct the title of Paragraph C.2.7 from Actor Cost Data Reporting Requirements to Contractor Cost Data Reporting Requirements.
  - b. Section C, Paragraph C.2.7.2 - Change text

From: The CCDRs shall be submitted for the Work Breakdown Structure (WBS) elements specified in the CCDR Plan (Attachment 7). Reports are required after acceptance of the final vehicle of each program year. All CCDRs must be provided electronically to the Defense Cost and Resource Center (DCARC). If the reports are submitted via e-mail attachments, the appropriate address is ccdrho@osd.mil.

To: The CCDRs shall be submitted for the Work Breakdown Structure (WBS) elements specified in the Cost and Software Data Reporting (CSDR) Plan (Attachment 7). Reports are required after acceptance of the final vehicle of each program year. All CCDRs must be provided electronically to the Defense Cost and Resource Center (DCARC). The reports are to be transmitted through the Internet as encrypted e-mail attachments to a digitally signed e-mail to ccdrho@osd.mil.
  - c. Section J, Attachment 7 is replaced with a 21 Jun 04 version containing updated documents newly approved by the OSD Cost Analysis Improvement Group. The Cost and Software Data Reporting Plan replaces the previous Cost Data Reporting Plan in Attachment 7. Despite the change in the official name of the plan, no software data reporting requirements have been identified for this contract. The Plan and the Work Breakdown Structure Dictionary portion of Attachment 7 have been updated to include the HIMARS Launcher Chassis and the M1084A1/RSV as reportable elements.
  - d. Section J, The May 2000 Contractor Cost Data Reporting Manual is added as contract Attachment 25 dated 21 Jun 04 because the Manual is no longer available on the OSD's CCDR website but remains the applicable guidance for CCDRs on this contract.
  - e. Section J, Exhibit A - The Contract Data Requirements List (CDRL) is revised by substituting CDRL A00D (Cost Data Summary Report) revision dated 21 Jun 04 and CDRL A00E (Functional Cost-Hour Report) revision dated 21 Jun 04 for the current CDRLs A00D and A00E. The revisions update the name of the plan governing cost reporting, specify the relevant version of the CCDR Manual as contract Attachment 25, clarify the report transmittal method, and update the phone number for the Defense Cost and Resource Center. Also, the PM, MTV office symbol in the Requiring Office block of these CDRLs is updated. Also, CDRL A009 Title of Data Item is revised to read "Submission of Waivers/DEviations/ECPs.
4. As a result of this modification P00199, the contract amount is neither increased by nor decreased and remains at \$2,052,841,561.34.
5. All other terms and conditions remain unchanged.

\*\*\* END OF NARRATIVE A 207 \*\*\*

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## SECTION C - DESCRIPTION/SPECIFICATIONS/WORK STATEMENT

C.1 CONFORMANCE WITH SPECIFICATIONS, DRAWINGS AND REQUIREMENTS

C.1.1 The Family of Medium Tactical Vehicles (FMTV) and associated kits/supplies required to be delivered under this contract shall be manufactured in accordance with the Army Tank Purchase Description (ATPD) 2131A, dated May 7, 1998 (Attachment 1). The FMTV's and associated kits/supplies shall conform in all respects with the ATPD 2131A as demonstrated by Government and/or Contractor testing completed as of the date of this Contract, or as it may be amended in the future

C.1.2 To the extent the Contractor has demonstrated compliance with the ATPD 2131A as documented by the Contractor and or the Government test results; the Contractor remains responsible for maintaining such compliance.

C.1.3 The FMTV TDP CD-ROM dated February 1998, the applicable specifications, drawings, supporting technical data and special requirements specified thereon, the ECP's and VECP's and Request for Deviations (RFD) and Request for Waivers (RFW) listed in Attachment 2, is the Baseline Technical Data Package for the FMTV. The Contractor may decide to use less than 100% of the FMTV TDP in the manufacture of vehicles required under this contract. The Contractor assumes full responsibility and shall at his own expense demonstrate to the Government's satisfaction that the alternate design configuration meets the requirements of the ATPD 2131A, unless otherwise authorized by the Government. The Government will maintain configuration control of the Baseline Technical Data Package (TDP) to ensure commonality of the ATPD 2131A, ILS, MANPRINT, and life cycle costs. The Government reserves the right to reject any change that negatively impacts the ATPD 2131A, ILS, MANPRINT, or life cycle costs (spare and repair parts, form, fit and function, etc.). The Contractor will not be responsible for design defects with the Government A1 baseline configuration, except as noted in paragraph C.4. For any suspected design defect, the Contractor must show the Government evidence supporting the position that it is a design defect.

C.1.3.1 The Government and the Contractor recognize that the implementation of the FMTV A1 configuration represents a major change to the FMTV entire drive train to be implemented on an aggressive schedule. Therefore, the Contractor agrees to implement any configuration changes dictated by testing results as quickly as is reasonably possible to maintain production readiness at the planned rate for the entire contract period; and the Government agrees to provide necessary schedule relief and an equitable adjustment to include delay costs, if required to keep the Contractor whole.

C.1.4 The Contractor shall meet the performance requirements contained in the Family of Medium Tactical Vehicles (FMTV) Army Tank Purchase Description (ATPD) 2131A in order to ensure previously demonstrated vehicle performance. However, the Government will consider Value Engineering Change Proposals that will reduce FMTV life cycle costs while maintaining requisite performance.

C.1.4.1 The Contractor shall provide with any proposed change all impacts to ATPD2131A, ILS, MANPRINT, and life cycle cost (i.e., manuals, training, spare parts, etc.). The Contractor shall not incorporate in his vehicle configuration those changes, which affect ATPD2131A, ILS, MANPRINT, and life cycle cost without Government approval. The Contractor shall provide with any proposed change (VECP/RFD/RFW); statements of impact to ATPD 2131A, ILS, MANPRINT and life cycle costs. Impact statements shall be in Contractor format and submitted to the Procuring Contracting Officer (reference paragraph C.2.9).

C.1.4.2 The Contractor may decide to use the existing FMTV Baseline Technical Data Package in the manufacture of the vehicles required under this contract. The use by the Contractor of the FMTV Baseline Technical Data Package does not relieve him from the responsibility to manufacture a quality product or meeting the requirements of ATPD2131A. The Contractor is responsible for any and all material, workmanship or quality issues detected in the vehicles produced and tested under this contract. The Contractor shall certify that the delivered vehicles meet ATPD 2131A and the current approved configuration (CDRL A001).

C.1.4.3 Should the Contractor incorporate a change that impacts the ATPD 2131A, ILS, MANPRINT, or life cycle costs and the Government has not approved the change; the Contractor is responsible to submit that change to the Government for review and approval. If the Government does not approve the change, the Contractor is responsible for all costs to delete that change from production and to the delivered vehicles.

## C.1.5 Paint

C.1.5.1 Camouflage - The standard vehicle paint is three (3) color camouflage pattern. A list of approved drawings is contained at Attachment 3.

C.1.5.2 Tan color 686A (Chip #33446, Fed Std 595), oversprayed in the manner approved for Contract DAAE07-92-C-R001.

C.1.5.3 Green color 383 (Chip #34094, Fed Std 595) Original base coat full coverage.

C.1.5.4 Sand color (Chip #30372, Fed Std 595) Original base coat full coverage.

## C.1.6 ENVIRONMENTAL, SAFETY, AND ENERGY STANDARDS AND REGULATIONS

(a) The contract price includes Contractor compliance with all federal vehicle fuel economy, safety and noise requirements and standards, hereinafter referred to as requirements, affecting the supplies to be delivered in accordance with ATPD

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2131A. The FMTV trucks shall comply with Environmental Protection Agency emission regulations/standards for new motor vehicles and new motor vehicle engines in effect for calendar year 1998 at time of award.

(b) In the event any of the foregoing requirements are changed, but compliance is optional on the part of the contractor, the contractor shall promptly notify the Government in writing; and the Procuring Contracting Officer shall have the right to elect whether the supplies yet to be accepted and delivered to the Government shall incorporate the optional changes or not. After receipt of this written notice the Procuring Contracting Officer shall provide timely written advice to the Contractor of the Government's election and, if applicable, the effective date of such change(s). If the Procuring Contracting Officer's election hereunder constitutes a change which causes an increase or decrease in the cost of or time required to perform the contract, Contractor compliance shall be subject to equitable adjustment pursuant to the Changes clause of this contract. Any change to the trucks mandated by law or regulation that had not been scheduled to take effect during the terms of the contract shall be subject to an equitable adjustment.

## C.1.7 DAYS/MONTHS AFTER CONTRACT

C.1.7.1 Unless otherwise specified, "Days After Contract" refers to calendar days after contract.

C.1.7.2 Unless otherwise specified, "Months After Contract" refer to the months following award calculated from the date of award.

## C.1.8 VEHICLE DESCRIPTION

## C.1.8.1 Medium Tactical Vehicles (MTV)

	Model No	Description	NSN	
C.1.8.1.1	M1083A1	Truck, Cargo: MTV	2320-01-447-3890	
C.1.8.1.2	M1083A1	Truck, Cargo: MTV, w Winch	2320-01-447-3884	
C.1.8.1.3	M1084A1	Truck, Cargo: MTV, w/MHE	2320-01-447-3887	
C.1.8.1.4	M1085A1	Truck, Cargo: MTV, LWB	2320-01-447-3891	
C.1.8.1.5	M1085A1	Truck, Cargo; MTV, LWB, w Winch	2320-01-447-3897	
C.1.8.1.6	M1086A1	Truck, Cargo: MTV, LWB, w/MHE	2320-01-447-3895	
C.1.8.1.7	M1088A1	Truck, Tractor: MTV	2320-01-447-3893	
C.1.8.1.8	M1088A1	Truck, Tractor: MTV, w Winch	2320-01-447-3900	
C.1.8.1.9	M1089A1	Truck, Wrecker: MTV, w Winch	2320-01-447-3892	
C.1.8.1.10	M1090A1	Truck, Dump: MTV	2320-01-447-3899	
C.1.8.1.11	M1090A1	Truck, Dump: MTV, w Winch	2320-01-447-6344	
C.1.8.1.12	M1092A1	Truck, Chassis: MTV	2320-01-447-3894	
C.1.8.1.13	M1093A1	Truck, Cargo: MTV, AD	2320-01-447-3889	
C.1.8.1.14	M1093A1	Truck, Cargo: MTV, AD, w Winch	2320-01-447-6342	*
C.1.8.1.15	M1094A1	Truck, Dump: MTV, AD	2320-01-447-3896	
C.1.8.1.16	M1094A1	Truck, Dump: MTV, AD, w Winch	2320-01-447-3898	
C.1.8.1.17	M1096A1	Truck, Chassis: MTV LWB	2320-01-447-3885	
C.1.8.1.18	M1095	Trailer, Cargo: MTVT, Two Axle, 5 Ton	2330-01-449-1776	*

## C.1.8.2 Light Medium Tactical Vehicles (LMTVs)

	Model	No Description	NSN	
C.1.8.2.1	M1078A1	Truck, Cargo: LMTV	2320-01-447-6343	
C.1.8.2.2	M1078A1	Truck, Cargo: LMTV, w Winch	2320-01-447-3888	
C.1.8.2.3	M1079A1	Truck, Van: LMTV, Van	2320-01-447-4938	
C.1.8.2.4	M1079A1	Truck, Van: LMTV, w Winch	2320-01-447-4933	
C.1.8.2.5	M1080A1	Truck, Chassis: LMTV	2320-01-447-6345	
C.1.8.2.6	M1081A1	Truck, Cargo: LMTV, AD	2320-01-447-3882	
C.1.8.2.7	M1081A1	Truck, Cargo: LMTV, AD, w Winch	2320-01-447-3883	
C.1.8.2.8	M1082	Trailer, Cargo: LMTVT, One Axle, 2 1/2 Ton	2330-01-449-1775	*

\* NSNs were corrected by Modification P00014.

## C.1.9 DATA MANAGEMENT

## C.1.9.1 TECHNICAL DATA AND REPORTS

C.1.9.1.1 Unless otherwise specified, the Contractor shall prepare technical data and reports in the format and scope specified in the applicable Data Item description (DD Form 1664) or described in the contract Scope of Work. The information shall be furnished to the Government in accordance with the Contract Data Requirements List (DD Form 1423) or described in the text of this contract. Unless

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otherwise stated, all technical data and reports shall be submitted by E-Mail or by other electronic means mutually agreed to by both parties. Data/reports submitted by E-mail shall not exceed 2 mega bytes (MB) in file size. Data/reports over 2 Mb shall be transmitted on a disk via regular mail. All proprietary data/export control data submitted by the Contractor shall be submitted via a computer disk.

C.1.9.1.2 The Contractor shall provide the Government with a monthly status report of all technical data and reports required under this contract. The report shall as a minimum list all technical data, reports, studies, analyses, minutes, etc., when they are required (e.g., monthly, one time), when the contractor delivered them, and the requiring office for the item provided. The report shall identify those items not delivered on time and shall provide a revised date for the delivery of the item. The Contractor shall include a reason for all items delivered late. This report shall be in contractor format and provided electronically to the Government no later than the 15th of the month. The first submittal of the report is the first month after contract award. This report shall be provided to the Procuring Contracting Officer, the Administrative Contracting Officer and to the Program Manager's Office (CDRL A002).

C.1.9.1.3 Technical data and reports that are to be submitted via e-mail to an office located at TACOM (e.g., the Contracting, PM and PEO offices) shall be submitted to pm-fmtv@tacom.army.mil. Technical data and reports that are to be submitted via e-mail to an office in DCMC shall be submitted to cdrl@dcmdw.dla.mil. \*  
\*  
\*

C.1.9.2 PRODUCTION REPORTS

C.1.9.2.1 Production Progress reports as required by FAR 52.242-2, entitled, "Production Progress Report", shall be prepared in accordance with the instructions printed on the DD Form 375 or in Contractor's format. DCMC review, comments, and signature are required prior to distribution of the report. Government approval required if Contractor format is elected. In addition, the Production Progress Report shall include contractual/actual and projection sections as previously submitted under the FMTV DAAE07-92-C-R001 contract. The report shall be electronically submitted in EXCEL format capable of being sorted. The first report shall be submitted three (3) months prior to the first full month in which vehicle delivery is required. The report shall be submitted each month thereafter until a final report, so marked, is submitted at the close of the month during which the Contractor has made the final delivery of material under this contract (CDRL A003).

C.1.9.2.1.1 All report submittals shall be made not later than the eighth (8th) working day of the month following the month covered in the report. The report shall be sent by E-mail.

C.1.9.2.2 Production Status Report

The Contractor shall provide a copy of his internal weekly production status report. This report shall be the same as the one the Contractor uses to manage his own production status. This report will include the total number of vehicles / trailers by model that have cleared the following production milestones: Production Line Start (Station #1), Production Line End (Station #18), through Camouflage Paint, into Product Assurance, Accepted by Government, and Shipped. This report shall be submitted electronically to the same addressees as the Production Progress Report - See C.1.9.2.1). The first submission of this report shall occur once the Contractor begins production of vehicles required under this contract (not test vehicles) (CDRL A004).

C.1.9.2.3 Vehicle Tracking Report

The Contractor shall prepare and deliver a Vehicle Tracking/Shipping Report spreadsheet. Reporting is required for all truck and trailer CLINs under this contract. The first report shall be submitted the day of first vehicle delivery and will be provided electronically. The report data shall be maintained current for each day's production as additive to the master file. The Contractor will determine the report format. The report will be made available in a mutually agreed upon program, such as EXCEL. The report will contain the following information, and will be capable of being sorted by any of the columns of information (CDRL A005).

- Vehicle Serial No.
- CLIN No.
- Model
- Registration No.
- Engine Serial No.
- Transmission Serial No.

\* Added by Modification P00004.

- Build Date
- DD250 No.
- DD250 Date
- Govt. B/L Ship Date

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Govt. B/L  
Customer (Mark for)/Purpose (such as PM-JSTARS, 519 Bat/IOT&E Vehicle)  
MILSTRIP # (Document Number)  
Total MILSTRIP Quantity  
Ship to City/State  
Method of Shipment (Rail/Truck)  
Vehicle Type (production or prototype)  
Contract Mod for shipping instructions

The Contractor shall also prepare and deliver a report for all vehicles returned to S&S, containing the following information:  
Vehicle Serial No.  
Model No.  
Registration No.  
Ship from City/State  
Vehicle Type (production or prototype)

C.1.9.3 DATA ITEM DESCRIPTIONS

C.1.9.3.1 Copies of standard Data Item Descriptions invoked under this contract shall be provided as an attachment to this contract. Tailored Data Item Descriptions along with unique Data Item Descriptions unavailable through normal channels are also furnished with this contract as attachments. Tailored Data Item Descriptions are highlighted by the use of "(T)" following the data item description number, i.e., DI-E-1112 (T). Contractor data/reports under this contract shall be provided electronically to the maximum extent possible. Data shall be submitted by electronic mail, File Transfer Protocol (FTP) or other mutually agreed upon data transfer process.

C.1.10 MEETING/IPT REQUIREMENTS

C.1.10.1 AGENDAS

The Contractor shall prepare agendas for ALL meetings in the contract in Contractor format. Agendas shall be submitted by E-mail 10 Calendar days prior to the meeting (CDRL A006).

C.1.10.2 MEETINGS

The Contractor shall conduct (for planning purposes) the following monthly Integrated Product Team (IPT) meetings at his facility, unless otherwise notified by the Procuring Contracting Officer in writing; Engineering Management Review (EMR), Product Assurance & Test Management Review, Integrated Logistics Support Review, and Business Management/Contracts Review. There shall be Quarterly Management Review (QMR) meetings. These QMR's shall be held in conjunction with that particular month's IPT meetings. The review shall be combined into one, and shall last no more than two (2) days. A Post Award Conference shall be combined with the first monthly meeting after award of this contract.

C.1.10.3 MINUTES

The Contractor shall prepare minutes of meetings listed in conjunction with the contract in Contractor format. Minutes, with list of attendees, shall be provided as identified in the DD Form 1423, by E-mail, in MS Word format, within ten (10) working days (CDRL A007).

C.1.10.4 The Contractor shall form IPT teams as necessary to interact with and support the Program Manager's office during the term of this contract.

C.1.11 STS Contractor

C.1.11.1 There will be a separate contract for System Technical Support (STS) for the FMTV program. The STS Contractor shall be invited to attend all IPT meetings. The STS Contractor shall be allowed access to the production facilities and plant as required for the purpose of interface between production and technical support. The Production Contractor shall be provided with notification of the intent for the STS Contractor to visit the production facilities, along with the point of contact and purpose of the visit by the Contracting Officer.

C.1.11.2 The FMTV Production Contractor shall provide the STS Contractor and the Government with a copy of any changes made by the FMTV Production Contractor.

C.2 PRODUCTION EFFORT

C.2.1 RFW/RFD/VECP REQUIREMENTS

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C.2.1.1 The Contractor shall submit Requests for Deviation/Waiver (RFD/W) to affect a temporary hardware change to the product configuration. The Contractor may submit Value Engineering Change Proposals (VECPs) that impact the ATPD 2131A, ILS, MANPRINT, and Life cycle cost to affect permanent changes to the production hardware and where cost savings are applicable.

## C.2.1.1.1 Submittal of Data

All changes (VECPs/RFDs/RFWs) that impact 2131A or the ILS/MANPRINT/Life cycle costs shall be submitted to the PCO for approval. Change documents, which do not affect the above items, shall be submitted, within fifteen (15) calendar days after preparation, to the PCO for concurrence in classification. The Contractor shall submit VECPs/RFDs/RFWs and effectivity certifications to the Government electronically. Data is to be submitted in CALS type 1 ? CCITT group 4 raster images or in JEDMICS CCITT 4. A "dh" file shall accompany all CALS data files. The "dh" index file can be created using IndexR software that can be downloaded from the following WEB page: [http://www.edms.redstone.army.mil/jmx\\_htm/jmxftp.html](http://www.edms.redstone.army.mil/jmx_htm/jmxftp.html). File type information and extensions for indexing is on the WEB: <http://206.3.148.4/cadtypes.html>. See paragraph C.1.9.1 for electronic data submission requirements (CDRL A008).

## C.2.1.1.2 ECP Requirements

C.2.1.1.2.1 General. Only Contractor-generated no-cost/cost reduction type changes will be submitted to the Government under this contract. The Contractor will use ECPs/RFDs/VECPs as appropriate. The Contractor shall submit no-cost ECPs to effect a permanent change to the production configuration and the TDP. All ECP packages with marked drawings, impact sheets, technical manual/RPSTL change pages, packaging data impact sheets shall be submitted in a \*.pdf file. Contractor no-cost ECPs shall identify compatibility with A1/A0/A1R TDP and fielded FMTV vehicles. If the proposed change is not compatible or creates an incompatibility with the FMTV A1/A0/A1R spare/repair parts, the Contractor shall identify the incompatibility and possible consequences or adverse effects that will occur if the change is implemented.

C.2.1.1.2.2 Contractor-generated no-cost ECPs shall be prepared in accordance with the forms and instructions provided in Attachment 22.

## C.2.1.2 REQUEST FOR WAIVER/DEVIATIONS

## C.2.1.2.1 Definitions:

(a) DEVIATION - A Request for Deviation (RFD), which is submitted before commencing production of an item under contract, is a one-time request for authorization to deviate from a requirement of the FMTV Baseline Technical Data Package.

(b) WAIVER - A Request for Waiver (RFW) which is submitted after producing a number of items that do not conform to a requirement of the FMTV Baseline Technical Data Package, is a request that the Government excuse the nonconformance and accept the nonconforming item. Waivers cover an item or group of items from a production run that are found, after production, not to conform.

C.2.1.2.2 When deviations or waivers to the FMTV Baseline Technical Data Package, or any other contract requirement are considered necessary by the Contractor, a RFD or RFW shall be submitted utilizing DD Form 1694 and prepared according to the instructions provided at Attachment 4. RFD/RFWs shall be annotated by the Contractor to reflect the anticipated production effectivity point by vehicle serial/registration number and date. Deviations and Waivers shall contain copies of affected drawings as well as any other supporting data necessary to fully understand the proposal and make a determination. RFDs/RFWs shall contain sufficient pricing data to support an equitable adjustment to the contract (CDRL A009).

## C.2.1.3 Value Engineering Change Proposals (VECPs)

VECPs shall be prepared in accordance with the forms and instructions provided in Attachment 5 . The VECP shall address what effect the proposed change will have on the TDP, Performance, Manufacturing, Quality, Maintenance, Packaging, MANPRINT, Logistics, Safety, Transportability, Cost Savings, and Nuclear Survivability (if applicable). It must also address what effect the VECP will have on the current production, Fielding and Retrofit. For VECPs affecting interface control, you shall obtain concurrence from all interface parties and include such concurrences as part of the VECP package (CDRL A00A).

## C.2.1.4 EFFECTIVITY CERTIFICATION

Changes resulting from VECPs/RFDs/RFWs will be incorporated to the production line upon notification of the Contracting Officer. Each VECP/RFD/RFW, shall be applied to the production line at a single cut in point (single vehicle), unless otherwise agreed to in the approving document, in their entirety. For each change document, the Contractor shall prepare and submit an effectivity cut-in certification (copy is provided at Attachment 6). The Contractor shall obtain DCMC verification before electronically submitting the effectivity form to the Government (CDRL A00B).

## C.2.2 PACKAGING DEVELOPMENT REQUIREMENTS

## C.2.2.1 PACKAGING DEVELOPMENT FOR VALUE ENGINEERING CHANGE PROPOSALS (VECP)

The Contractor shall develop and provide a packaging impact statement for each VECP. The packaging impact statement shall include an Item Description Report for each affected item. The impact statement shall also include an alternate schedule for delivery of the packaging data if the data will not be available within ninety (90) days of approval of the VECP.

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C.2.3 RESERVED

C.2.4 GOVERNMENT TESTING REQUIREMENT

C.2.4.1 The FMTV will be subjected to testing at Government test site(s) at Government expense for the purpose of verifying that the vehicles produced meet the requirements of the ATPD 2131A. An outline of this testing is contained in Section E.

C.2.4.2 The Contractor is encouraged to participate in the development of details of the Government test program by participating in Test Integration Working Group (TIWG) meetings. For purposes of this work effort, it should be anticipated that TIWGs will be held twice per year.

C.2.4.3 During and after the conduct of Government test, the Government will be conducting Scoring Conferences (once per test), Corrective Action Review Board (CARB) meetings (once per test). The purposes of these meetings are to evaluate individual testing incidents, determine whether they are design or manufacturing related and compare test performance with ATPD 2131A reliability and maintainability requirements. The Contractor will be encouraged to provide the Government with analyses and observations to ensure that proper categorizing and fair evaluations are conducted.

C.2.5. RESERVED

C.2.6 THE ARMY MAINTENANCE MANAGEMENT SYSTEM (TAMMS)

C.2.6.1 EQUIPMENT CONTROL RECORDS

The Contractor shall complete DA Form 2408-9, Equipment Control Records for each end item of equipment in accordance with Data Item Description DI-L-1400A and DA Pamphlet 738-750. The Contractor shall prepare the form to report shipment of the item from the acceptance point of the initial accountable Army consignee (CDRL A00C).

C.2.6.2 DISTRIBUTION

Distribution of DA Form 2408-9 copies shall be as follows:

a. LOGSA copy (copy #1) shall be submitted within three (3) working days to:

Commander  
USAMC Logistic Support Activity  
ATTN: AMXLS-RRM  
Redstone Arsenal, AL 35898-7466

b. IMMC copy (copy #2) shall be forwarded within three (3) working days to: Commander, U.S. Army Tank-automotive and Armaments Command, Attn: AMSTA-IM-HMF, and for Trailers ATTN: AMSTA-IM-HMT, Warren, MI 48397-5000.

c. Log book copy (copy #3) shall be placed in the book binder/equipment record folder and attached to the end item of equipment.

C.2.7 CONTRACTOR COST DATA REPORTING REQUIREMENTS

C.2.7.1 COST RELATED REPORTS

The Contractor shall submit the Contractor Cost Data Reports (CCDRs) specified below. All reports shall be prepared in accordance with the data item descriptions and the CDRLs.

Form	Title	DID	CDRL
DD 1921	Cost Data Summary Report	DI-FNCL-81565	A00D
DD 1921-1	Functional Cost-Hour Report	DI-FNCL-81566	A00E

C.2.7.2 REPORT FORMAT

The CCDRs shall be submitted for the Work Breakdown Structure (WBS) elements specified in the Cost and Software Data Reporting (CSDR) Plan (Attachment 7). Reports are required after acceptance of the final vehicle of each program year. All CCDRs must be provided electronically to the Defense Cost and Resource Center (DCARC). The reports are to be transmitted through the Internet

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as encrypted e-mail attachments to a digitally signed e-mail to ccdrpo@osd.mil.

C.2.7.3 RESERVED

C.2.7.4 The Contractor shall prepare and submit a cost report for all CLIN's which are on a cost reimbursement basis (i.e., testing, test support, refurbishment)(CDRL A010). The report shall be in Contractor's format and shall include the following for each CLIN:

1. Total cost to date
2. Cost at completion

The report shall be submitted quarterly (every 3 months) and shall begin when the Contractor starts incurring costs against any cost CLIN. The report shall be submitted within 20 days of the end of the quarter the report is for and shall include information for the last month of the quarter (i.e., report is for Apr, May, and Jun; it is due NLT 20 Jul and shall include data for Jun). The report shall be submitted to the following:

PM-MTV (PM, Medium Tactical Vehicles)\*  
 Business Management Office (SFAB-GCSS-W-MTV-B)\*  
 Procuring Contracting Officer (AMSTA-LC-CHBB) \*\*  
 Administrative Contracting Officer (DCMDW-RST)

\* In the Contract Data Requirements List these two addresses are combined.

\*\* Office symbol updated by Modification P00014.

C.2.8 SYSTEM SAFETY

C.2.8.1 SAFETY ENGINEERING

The Contractor shall continue the System Safety Engineering effort described in the System Safety Program Plan prepared for contract DAAE07-92-C-R001. The Contractor shall implement safety engineering principles in all system design activities performed under this contract. Changes shall not be made to degrade safety related design features developed or provided in previous contract actions. System design and operational procedures developed by the Contractor shall consider but not be limited to the following:

- a. Identifying hazards associated with the system by conducting safety analyses and hazard evaluations. Analysis shall include both operational and maintenance aspects of the vehicle along with potential interface problems with planned subsystems.
- b. Eliminating or reducing significant hazards by appropriate design or material selection.
- c. Controlling or minimizing hazards to personnel, which cannot be avoided or eliminated.
- d. Locating equipment components and controls so that access to them by personnel during operation, maintenance or adjustments shall not require exposure to hazards such as high temperature, chemical burns, electrical shock, cutting edges, sharp points, or concentrations of toxic fumes above established threshold limit values. All moving parts, mechanical power transmission devices, exhaust system components, pneumatic components and hydraulic components which are of such a nature or so located as to be a hazard to operating or maintenance personnel; shall be either enclosed or guarded. Protective devices shall not impair operational functions.
- e. Assuring that suitable warning and caution notes are included in instructions for operation, maintenance, assembly and repairs and distinct markings placed on hazardous components of equipment.
- f. Insuring that safety is considered for both operational and maintenance phases of the system.
- g. Assuring the system meets the Federal Motor Vehicle Safety Standards (FMVSS) and Federal Motor Carrier Safety Regulations (FMCSR).

C.2.8.2 SAFETY ASSESSMENT REPORT (SAR)

C.2.8.2.1 As a result of safety analyses, hazard evaluations, and independent Contractor testing, the Contractor shall update the previous Safety Assessment Report documenting the changes made to the system. The Safety Assessment Report (SAR) shall identify all vehicle safety features, discuss all potential safety and health related problem areas and shall establish special procedures and/or precautions to be observed by Government test agencies and system users (CDRL A00H).

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C.2.8.2.2 RESERVED

C.2.8.2.3 In the event the system is modified or procedural changes made after the final SAR is submitted, the Contractor will update the SAR to reflect those modifications or changes.

C.2.8.3 RADIOACTIVE MATERIAL

Radioactive material will not be utilized in this contract action.

C.2.9 ILS, MANPRINT, and Life Cycle Cost Information to be provided with all Contractor proposed changes (CDRL A00J).

C.2.9.1 For the purposes of evaluating the impact of changes to vehicle configurations, the assessment of ILS and MANPRINT should include, at a minimum impacts on: quantities and levels of MOS for operation and maintenance, training/training package, including training devices, equipment publications (e.g. manuals, lube orders), spare/repair parts allocations, parts commonality/standardization/interoperability, basic issue items list, list and quantity of expendable supplies, use of ground support equipment, test program sets/TMDE/Special or common tools, maintenance facility requirements, scheduled maintenance requirements, reliability/maintainability effects, human factors, transportability, packaging/handling/storage needs and warranty provisions.

C.2.9.2 Life cycle costs are all costs incurred during the total life, from project initiation through termination. Includes costs for research and development, production, military construction, deployment and operating and support (maintenance, Petroleum-Oil-Lubricants, spare and repair parts, training of operators and maintainers, transportation, and other crew-related expenses, etc.). The Contractor shall provide the impact of his proposed change on life cycle costs to include all items specified above. For those items where life cycle costs (LCC) cannot be readily identified, the specific impact of the change for that particular LCC area shall be identified in sufficient detail for the Government to perform the necessary analysis.

C.3 The Contractor shall on a monthly basis send logistics personnel to fielding sites to advise, assist, and coordinate technical manual input and other logistics support. This will take place after vehicles/trailers required under this contract have been handed off to the units. These personnel will also answer field queries and coordinate TM updates. During these visits the Contractor shall document what occurred (problems/resolutions) and provide a copy to the Government in Contractor format (CDRL A00K).

C.4 FMTV ENGINE DRIVESHAFT AND FLYWHEEL HOUSING FAILURE/PRODUCTION QUALIFICATION TEST (CONTRACT DAAE07-98-C-M018)

The Contractor shall proceed with contract vehicle production upon successful completion of the Production Qualification Test required under Contract DAAE07-98-C-M018.

C.4.1 Any production schedule delays and/or cost impacts due to the Production Qualification Test under Contract DAAE07-98-C-M018, which do not occur as planned and scheduled by the Government, are the responsibility of the Contractor.

C.4.2 The Contractor shall incorporate the FMTV Engine Driveshaft and Flywheel Housing remedy or "fix", which will be identified, successfully tested and approved under Contract DAAE07-92-C-R001, onto the vehicles produced under this contract. The Government agrees to pay up to \$450 per vehicle for materials required to incorporate the remedy or fix (flywheel housing and driveline) in this contract. The Contractor will submit a proposal for equitable adjustment of the material price after Contract DAAE07-98-C-M005 award.

C.5 Production Qualification Configuration Changes

The vehicles produced and delivered under this contract shall be the same configuration as vehicles produced and tested under contract DAAE07-98-C-M018. Changes that result from testing performed under Contract DAAE07-98-C-M018 shall be incorporated into all vehicles produced under this contract.

C.6 Authorization to Proceed with Full Production

The Government will review test results after vehicles designated for RAM testing have accumulated 12,000 miles of the 20,000 miles planned. Validation of the FMTV driveshaft and flywheel housing fix as well as other changes that define the A1 configuration will be key elements to a successful review. The Contracting Officer may elect to authorize the Contractor to proceed with assembly of production vehicles after Government evaluation and assessment of the performance and reliability of test vehicles delivered under Contract DAAE07-98-C-M018.

\*\*\* END OF NARRATIVE C 001 \*\*\*

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## SECTION J - LIST OF ATTACHMENTS

<u>LIST OF ADDENDA</u>	<u>TITLE</u>	<u>DATE</u>	<u>NO. OF PAGES</u>
ATTACHMENT 001	FMTV ATPD 2131A	07 MAY 98	
ATTACHMENT 002	FMTV BASELINE TECHNICAL DATA PACKAGE		
ATTACHMENT 003	CAMOUFLAGE PAINT PATTERN DRAWINGS		
ATTACHMENT 004	RFD/RFW INSTRUCTIONS		
ATTACHMENT 005	VECP INSTRUCTIONS		
ATTACHMENT 006	EFFECTIVITY CERTIFICATION		
ATTACHMENT 007	COST AND SOFTWARE DATA REPORTING PLAN	21 Jun 04 (Modification P00199)	
ATTACHMENT 008	ATIRS/TIR/FACARS INFORMATION		
ATTACHMENT 009	CONTRACT VEHICLE DELIVERY SCHEDULE	17 Jun 04 (Modification P00196)	
ATTACHMENT 010	REVISED PAINT REQUIREMENT		
ATTACHMENT 011	NO COST RFDs/RFWs	21 Apr 04	
ATTACHMENT 012	NO COST ECPs	25 Feb 04	
ATTACHMENT 013	DEVIATIONS / ECPs BY VEHICLE BY PROGRAM YEAR	17 Jun 04 (Modification P00196)	
ATTACHMENT 014	TRAILER LONGLEAD MATERIAL LIST	10 Nov 99	
ATTACHMENT 015	FMTV OVERPAINT CRITERIA	16 Jan 97/04 Feb 00	
ATTACHMENT 016	P00094 CARGO BED CORROSION WARRANTY VEHICLES		
ATTACHMENT 017	P00094 CARGO BED INSPECTION METHOD SHEET		
ATTACHMENT 018	Vehicle Exercise Program	25 Oct 02 (Modification P00139)	
ATTACHMENT 019	Pre-shipment Inspection/Maintenance Procedures	25 Oct 02 (Modification P00139)	
ATTACHMENT 020	DD FORM 254	Was Attach 018(P00113), change to Attach 020,12 Nov 02(P00142)	
ATTACHMENT 021	HIMARS SCOPE OF WORK (SOW)	11 MAR 03 (Modification P00148)	
ATTACHMENT 022	INSTRUCTIONS FOR PREPARING ECP FORMS	12 JAN 04 (Modification P00180)	
ATTACHMENT 023	CARWELL RUST INHIBITOR APPLICATION (SOW)	01 MAY 02 (Modification P00188)	
ATTACHMENT 024	TRAINING FOR DJIBOUTI, FMS CASE DJ-B-URB	23 JUL 04 (Modification P00198)	
ATTACHMENT 025	CONTRACTOR COST DATA REPORTING (CCDR) MANUAL	21 Jun 04 (Modification P00199)	
EXHIBIT A	CONTRACT DATA REQUIREMENTS LIST (DDFORM 1423)	21 JUN 04 (Modification P00199)	
EXHIBIT B	DATA ITEM DESCRIPTION		

## ATTACHMENT 014

PART NUMBER	DESCRIPTION	QUANTITY
12441143	Frame Section, Vehicular Right	260
12441144	Frame Section, Vehicular Left	260
12441145-001	Axle Assembly, LMTV Trailer	260
12441145-002	Axle Assembly, MTV Trailer	520
12441150	Rail, Cargo Bed, Right Side	260
12441151	Rail, Cargo Bed, Left Side	260
12441173	Frame Section, Crossmember	520

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12441174	Frame Member, Right Side	260
12441175	Frame Member, Left Side	260
12441177	Frame Section, Right Sub-Rail	260
12441178	Frame Section, Left Sub-Rail	260
12442869	Cargo Bed, LMTV	260
12442874	Cargo Bed, MTV	260

\*\*\* END OF NARRATIVE J 001 \*\*\*