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	PIIN/SIIN W56HZV-12-C-0315	MOD/AMD P00003
Name of Offeror or Contractor: CANADIAN COMMERCIAL CORPORATION		

SECTION A - SUPPLEMENTAL INFORMATION

Buyer Name: MONTY MCCLELLAND
 Buyer Office Symbol/Telephone Number: CCTA-ASG-B/(586)282-9750
 Type of Contract: Firm Fixed Price
 Kind of Contract: Research and Development Contracts
 Type of Business: Foreign Concern/Entity
 Surveillance Criticality Designator: C
 Weapon System: No Identified Army Weapons Systems

*** End of Narrative A0000 ***

PURPOSE OF MODIFICATION: REVISE STATEMENT OF WORK

PRIOR CONTRACT AMOUNT: \$2,771,670.69
 CHANGE IN CONTRACT AMOUNT: \$ 0.00
 CURRENT CONTRACT AMOUNT: \$2,771,670.69

1. The purposes of this bilateral contract modification P00003 are as follows:

- A. Extend the period of performance by 4 months.
- B. Update the Statement of Work at no additional cost to the Government.

2. To accomplish these purposes the contract is changed as follows:

A. Section B: performance completion date on subCLINs 0001AA, 0001AB, 0001AC, 0001AD, 0001AE, & 0001AF extended by 4 months from 30-SEP-2014 to 31-JAN-2015.

B. Section C Scope of Work narrative C0001 is updated as follows:

i. Add new scope of work paragraph - 3.4.3.1 Shipment of the ISBSS from ATC to the Contractor's facility shall be coordinated and paid for by the contractor.

ii. Add new scope of work paragraph - 3.4.4.4 Act as a Field Service Representative (FSR) on site during teardown, to perform the teardown.

iii. Add to end of existing scope of work paragraph 3.4.5 - This data shall be supplied to the contractor to complete the Final Technical Report (A011) and validate the results within the M&S Report (A007) in accordance with the post blast analysis (section 3.4.8).

iv. Add new scope of work paragraph - 3.4.8 The ISBSS shall be returned to the contractor's facility for post blast analysis. The purpose of this analysis is to assess the specific component damage, determine growth potential and system optimization limits, and validate the results within the M&S Report (A007). The results of the post blast analysis shall be included in the Final Technical Report (A011).

v. Update the existing scope of work paragraph 4.1.19 - change 'including the ISBSS' to 'excluding the ISBSS'.

vi. Add to end of existing scope of work paragraph 4.1.19 - The ISBSS shall be returned to the contractor's facility for post blast analysis IAW 3.4.8 and A011.

vii. Update 7.0 Period of Performance from '24 months' to '28 months' from the date of contract award.

C. Section F: F.1.1 period of performance updated from 'twenty-four (24) months' to 'twenty-eight (28) months' after contract award date.

3. As a result of this modification the total contract amount remains UNCHANGED.

4. All other terms and conditions as previously modified remain UNCHANGED and in full force and effect.

*** END OF NARRATIVE A0003 ***

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Name of Offeror or Contractor: CANADIAN COMMERCIAL CORPORATION

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0001AA	<p>SECTION B - SUPPLIES OR SERVICES AND PRICES/COSTS</p> <p><u>PHASE I - REFER TO SECTION F.4.1</u></p> <p>GENERIC NAME DESCRIPTION: Armatec Survivabilit CLIN CONTRACT TYPE: Firm Fixed Price PRON: R312C219R3 PRON AMD: 03 ACRN: AA AMS CD: 644775DT700</p> <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 31-JAN-2015</p> <p style="text-align: right;">\$ 52,292.00</p>	1	LO		\$ 52,292.00
0001AB	<p><u>PHASE II - REFER TO SECTION F.4.2</u></p> <p>GENERIC NAME DESCRIPTION: Armatec Survivabilit CLIN CONTRACT TYPE: Firm Fixed Price PRON: R312C219R3 PRON AMD: 03 ACRN: AA AMS CD: 644775DT700</p> <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 31-JAN-2015</p> <p style="text-align: right;">\$ 278,123.00</p>	1	LO		\$ 278,123.00
0001AC	<p><u>PHASE III - REFER TO SECTION F.4.3</u></p> <p>GENERIC NAME DESCRIPTION: Armatec Survivabilit CLIN CONTRACT TYPE: Firm Fixed Price PRON: R312C219R3 PRON AMD: 03 ACRN: AA AMS CD: 644775DT700</p> <p><u>Inspection and Acceptance</u></p>	1	LO		\$ 874,333.61

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Name of Offeror or Contractor: CANADIAN COMMERCIAL CORPORATION

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
	INSPECTION: Destination ACCEPTANCE: Destination <u>Deliveries or Performance</u> DLVR SCH PERF COMPL <u>REL CD</u> <u>QUANTITY</u> <u>DATE</u> 001 1 31-JAN-2015 \$ 874,333.61				
0001AD	<u>PHASE IV - REFER TO SECTION F.4.4</u> GENERIC NAME DESCRIPTION: Armatec Survivabilit CLIN CONTRACT TYPE: Firm Fixed Price PRON: R312C219R3 PRON AMD: 03 ACRN: AA AMS CD: 644775DT700 <u>Inspection and Acceptance</u> INSPECTION: Destination ACCEPTANCE: Destination <u>Deliveries or Performance</u> DLVR SCH PERF COMPL <u>REL CD</u> <u>QUANTITY</u> <u>DATE</u> 001 1 31-JAN-2015 \$ 1,031,912.59	1	LO		\$ 1,031,912.59
0001AE	<u>PHASE V - REFER TO SECTION F.4.5</u> GENERIC NAME DESCRIPTION: Armatec Survivabilit CLIN CONTRACT TYPE: Firm Fixed Price PRON: R312C219R3 PRON AMD: 03 ACRN: AA AMS CD: 644775DT700 <u>Inspection and Acceptance</u> INSPECTION: Destination ACCEPTANCE: Destination <u>Deliveries or Performance</u> DLVR SCH PERF COMPL <u>REL CD</u> <u>QUANTITY</u> <u>DATE</u> 001 1 31-JAN-2015 \$ 403,722.85	1	LO		\$ 403,722.85
0001AF	<u>PHASE VI - REFER TO SECTION F.4.6</u>	1	LO		\$ 131,286.64

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ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT									
	<p>GENERIC NAME DESCRIPTION: Armatec Survivabilit CLIN CONTRACT TYPE: Firm Fixed Price PRON: R312C219R3 PRON AMD: 03 ACRN: AA AMS CD: 644775DT700</p> <p><u>Inspection and Acceptance</u> INSPECTION: Destination ACCEPTANCE: Destination</p> <p><u>Deliveries or Performance</u></p> <table border="0" data-bbox="259 619 771 703"> <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>31-JAN-2015</td> </tr> </table> <p style="text-align: right; margin-right: 100px;">\$ 131,286.64</p>	DLVR SCH		PERF COMPL	<u>REL CD</u>	<u>QUANTITY</u>	<u>DATE</u>	001	1	31-JAN-2015				
DLVR SCH		PERF COMPL												
<u>REL CD</u>	<u>QUANTITY</u>	<u>DATE</u>												
001	1	31-JAN-2015												

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SECTION C - DESCRIPTION/SPECIFICATIONS/WORK STATEMENT

STATEMENT OF WORK (SOW)

1.0 Background

The Army currently designs vehicles to put Soldiers in rather than designing vehicles around Soldiers. Increasing protection levels of the platforms impacts interior volumes reducing mobility, maneuverability, and freedom of movement for occupants and leads to heavier platforms. Improving current platforms or developing a new platform that provides appropriate increased protection from current and emerging threats, while accounting for optimal space allocation for Soldiers and their gear, while decreasing platform weight and maintaining (or increasing) maneuverability during full spectrum operations is the current challenge.

2.0 Objective and Scope

2.1 The overall program objective is to reduce platform weight of the Bradley Infantry Fighting Vehicle (Bradley IFV) by 25 percent and reduce casualties and Wounded in Action (WIAs) by 50 percent across each mission role with scalable protection levels to defeat a wide range of threats, enhance mobility, and maintain freedom of action during full spectrum operations.

2.2 The Scope of this effort is to demonstrate Occupant Centric Survivability Technology through survivability testing of the Contractors Integrated Soldier Based Survivability System (ISBSS) integrated on a fielded configuration of the Bradley IFV. The effort shall use the overall objective when establishing quantitative requirements for the improvements in survivability and reduction in platform weight achieved on the Bradley IFV.

3.0 Performance Requirements:

3.0.1 The contractor, as an independent contractor and not as an agent of the Government, shall provide all necessary personnel, facilities, materials, and services to complete the efforts described in this SOW.

3.0.2 The contractor shall address Army Rapid Innovation Fund Broad Agency Announcement Challenge 1c: Force Protection Occupant Centric Platform by modifying a fielded-configuration Bradley IFV provided by the Government in accordance with (IAW) Section 6.0.

3.0.2.1 The Contractor shall accomplish this through modeling and simulation, followed by fabrication and installation into a Bradley IFV of an Integrated Soldier Based Survivability System (ISBSS) for full-scale survivability blast testing by the Government to demonstrate the capability of this technology.

3.0.2.2 The ISBSS is a modular and scalable system consisting of blast attenuating seats, internal and external lightweight armor, internal and external composite mine protection elements (floor and under-body armor as applicable for the specific vehicle type and threat as identified at the Start of Work Meeting IAW Section 4.2.1) and structural reinforcement elements to preserve the occupant interior survivable space of the unmodified Bradley IFV.

3.0.2.3 The contractor shall fabricate and install the ISBSS into the fielded-configuration Bradley IFV resulting in a Hull Survivability Demonstrator (HSD) for survivability testing to quantitatively demonstrate the occupant protection provided by this technology.

3.1 Workflow Requirements

3.1.1 The contractor shall develop an Integrated Master Schedule (IMS) IAW Section 4.1.1 and Work Breakdown Structure (WBS) IAW Section 4.1.2, through a minimum of Level 3 per MIL-HDBK-881A, to develop a workflow process for the ISBSS on a Bradley IFV.

3.2 ISBSS Integration

3.2.1 The contractor shall implement the ISBSS technologies onto the Bradley IFV (refer to Section 6.0) in order to weigh the HSD IAW Section 3.3 and perform survivability testing IAW Section 3.4.

3.3 Demonstrate and Validate Weight Performance Relative to Bradley IFV

3.3.1 The contractor shall demonstrate, by physically weighing the HSD, that it has achieved a gross vehicle weight reduction of:
 five percent (threshold),
 25 percent (objective)

through installation of the ISBSS compared to the weight of the baseline Bradley IFV to be provided as GFI per Section 4.2.1 below. Resultant data shall be submitted IAW Section 4.1.3.

3.4 Demonstrate and Validate Survivability Performance Relative to HSD

3.4.1 All HSD testing must be performed at a Government accredited test facility.

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3.4.1.1 Survivability testing must be performed at Aberdeen Test Center (ATC) at the Governments cost.

3.4.2 The Government shall be responsible for reserving the test site(s) for all survivability testing.

3.4.3 Shipment of the HSD to ATC will be coordinated and paid for by the contractor.

3.4.3.1 Shipment of the ISBSS from ATC to the Contractor's facility shall be coordinated and paid for by the contractor. ****

3.4.4 Test Support

3.4.4.1 The contractor shall support Government testing at Aberdeen Test Center. Contactor support shall not exceed a total of 20 working days, over a maximum of two test periods, and shall include the services in Section 3.4.4.3 below.

3.4.4.2 Contractor support shall consist of a maximum of four appropriately qualified personnel at each round of testing to provide the services in Section 3.4.4.3 below.

3.4.4.3 The Contractors representatives as identified in Section 3.4.4.2 shall:

3.4.4.3.1 ensure the correct installation and operation of all elements of the ISBSS prior to test

3.4.4.3.2 furnish sufficient spare/repair parts to enable any necessary repairs to the ISBSS to occur promptly at ATC should the HSD be damaged in transit

3.4.4.3.3 witness Government testing

3.4.4.4 The Contractors representatives as identified in Section 3.4.4.2 shall support Government post-test analysis at the Government test site by performing the following tasks and preparing a test report IAW Section 3.4.7:

3.4.4.4.1 identify any and all breaches related to the ISBSS

3.4.4.4.2 inspect and report on the ISBSS structural integrity, to include all deformations, material fatigue, stresses, welding failures and cracks

3.4.4.4.3 inspect and report on the structural integrity of the ISBSS seats, to include all deformations, material fatigue, stresses, welding failures and cracks

3.4.4.4.4 Act as a Field Service Representative (FSR) on site during teardown, to perform the teardown. ****

3.4.4.4.5 The Government will provide threat test parameters within one month after the start of work meeting (refer to Section 4.2.1). The parties shall jointly establish the basis for the threat test parameters during the start of work meeting.

3.4.5 All survivability testing will be conducted on the HSD with instrumented 50th percentile Hybrid III Anthropomorphic Test Dummies (ATDs) supplied by Aberdeen Proving Grounds test facility at ATC (refer to Section 3.4.1.1). Post-blast ATD values of occupant injury shall be assessed by the ATC approved injury analysis group. This data shall be supplied to the contractor to complete the Final Technical Report (A011) and validate the results within the M&S Report (A007) in accordance with the post blast analysis (section 3.4.8). ****

3.4.6 Prior to contractor conducting testing at its facility, the contractor shall develop and provide to the COR a test plan IAW Section 4.1.4. After the conclusion of testing, the Contractor shall prepare and submit a test report IAW Section 4.1.5. The Test Report shall include all results from the contractors testing at its facility and ISBSS Technology Readiness Level (TRL) IAW Section 4.1.17.

3.4.7 After the conclusion of testing at ATC and IAW post-test analysis support (refer to Section 3.4.4.4), the Contractor shall prepare and submit a test report IAW Section 4.1.5. The Test Report shall include the contractors assessment of the HSD performance, findings resulting from the tasks listed in Section 3.4.4.4, the ISBSS structural integrity, and confirmation of the ISBSS TRL IAW Section 4.1.17. All structural damage to the ISBSS shall be included in the report, regardless of whether the damage would result in the need for a new modular crew compartment (ISBSS).

3.4.8 Add new clause - 3.4.8 The ISBSS shall be returned to the contractor's facility for post blast analysis. The purpose of this analysis is to assess the specific component damage, determine growth potential and system optimization limits, and validate the results within the M&S Report (A007). The results of the post blast analysis shall be included in the Final Technical Report (A011). ****

3.5 Modeling and Simulation

3.5.1 The contractor shall provide a report that details the assessment made of the HSD and relevant ISBSS components IAW Section 4.1.7. The assessment shall utilize the contractors existing modeling and simulation capabilities, including mathematical modeling and previous blast characterization results. The assessment shall predict the structural and occupant responses and impulse expected in order to determine the highest risk area(s) of the ISBSS.

3.5.2 The Government may furnish input for the M&S and may witness said M&S activities at the contractors facility. The Government will be furnished information throughout the M&S effort, including M&S review at PDR, CDR, and PTR (refer to Sections 4.2.5 through 4.2.7) with predicted outcomes presented prior to HSD testing at ATC (refer to Section 3.4.1).

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3.6 Operations, Safety, Protection, and Summary Requirements

3.6.1 Interface Control Document (ICD): The contractor shall provide an ISBSS ICD IAW Section 4.1.8 that includes:

- 3.6.1.1 top level installation and removal procedures for integrating the ISBSS components into, and removing them from, a Bradley IFV
- 3.6.1.2 any electrical or power interface between ISBSS and Bradley IFV
- 3.6.1.3 sequence of assembly, to include armor panels

3.6.2 Safety Assessment Report (SAR): The contractor shall submit a SAR for review to the COR IAW Section 4.1.9. The SAR shall include a comprehensive evaluation of the safety risks being anticipated prior to test or operation of the system.

3.6.3 Occupant Protective Standard Design Criteria: The contractor shall provide a summary report of the top level design criteria used, or identified, during the performance of this effort IAW Section 4.1.10.

3.6.4 Final Technical Report: The contractor shall provide a final technical report of the contract effort IAW Section 4.1.11.

3.6.5 ISBSS CAD and Top-Level Drawings: The contractor shall provide a solid model ISBSS CAD file for the ISBSS. CAD models shall only be provided for system components down to the Lowest Repairable Unit. The Contractor shall also provide top-level system assembly drawings for the ISBSS, relative to the HSD, which illustrate the permanent and temporary modifications made to the HSD, including all revisions that occurred during the contract effort, IAW Section 4.1.12.

3.6.6 Situation Reporting (SITREP): The contractor shall develop and provide a bi-weekly SITREP, highlighting significant program actions, developments, issues, and risks IAW Section 4.1.20. SITREP shall be provided via e-mail to the COR and Technical Expert.

4.0 Program Management

4.1 Deliverables

4.1.1 Integrated Master Schedule: The contractor shall provide an IMS IAW CDRL A001 and Section 3.1.1.

4.1.2 Work Breakdown Structure: The contractor shall provide a WBS IAW CDRL A002 and Section 3.1.1.

4.1.3 Weight Reduction Data: The contractor shall provide weight reduction data IAW CDRL A003 and Section 3.3.1.

4.1.4 Contractor Test Plan: The contractor shall provide a test plan IAW CDRL A004 and Section 3.4.6.

4.1.5 Test Report: The contractor shall provide test reports IAW CDRL A005 and Sections 3.4.6 and 3.4.7.

4.1.6 RESERVED

4.1.7 Modeling & Simulation Report: The contractor shall provide an M&S summary report IAW CDRL A007 and Sections 3.5.1 4.2.5, 4.2.6, and 4.2.7.

4.1.8 ISBSS ICD: The contractor shall prepare an ISBSS ICD IAW CDRL A008 and Section 3.6.1.

4.1.9 Safety Assessment Report (SAR): The contractor shall provide a SAR IAW CDRL A009 and Section 3.6.2.

4.1.10 Occupant Protective Standard Design Criteria: The contractor shall provide a summary report IAW CDRL A010 and Section 3.6.3.

4.1.11 Final Technical Report: The contractor shall provide a final technical report IAW CDRL A011 and Section 3.6.4.

4.1.12 ISBSS CAD and Top-Level Drawings: The contractor shall provide the ISBSS CAD models and top-level drawings IAW CDRL A012 and Section 3.6.5.

4.1.13 Meeting Agenda: The contractor shall provide meeting agendas IAW CDRL A013 and Sections 4.2.1, 4.2.2, 4.2.4, 4.2.5, and 4.2.6.

4.1.14 Meeting Minutes: The contractor shall provide meeting agendas IAW CDRL A014 and Sections 4.2.1, 4.2.2, 4.2.4, 4.2.5, 4.2.6, and 4.2.7.

4.1.15 System Requirements Review (SRR) Report Summary: The contractor shall provide a SRR report summary IAW CDRL A015 and Section 4.2.4.

4.1.16 Preliminary Design Review (PDR) Report: The contractor shall provide a PDR report IAW CDRL A016 and Section 4.2.5.

4.1.17 Technology Readiness Level (TRL): The contractor shall provide the TRL IAW CDRL A005 and Section 3.4.6.

4.1.18 CDR Report: The contractor shall provide a CDR report IAW CDRL A018 and Section 4.2.6.

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4.1.19 Hull Survivability Demonstrator (HSD) to be used for survivability testing. Following the Pre-Test Review (refer to Section 4.2.7), the HSD shall be delivered by the contractor to Aberdeen Proving Grounds (APG) in Maryland IAW Section 3.4.3 no later than one month after the PTR (refer to Section 4.2.7), including any modifications identified IAW the PTR. The testing start date is established in the Test Plan IAW Section 4.1.4. At the conclusion of testing, the contractor shall support post-test analysis IAW Section 3.4.4.4. The Government shall retain the HSD, excluding the ISBSS, at the conclusion of testing. The ISBSS shall be returned to the contractor's facility for post blast analysis IAW 3.4.8 and A011. ****

4.1.20 Situation Report (SITREP): The contractor shall develop and provide a bi-weekly SITREP IAW CDRL A017 and Section 3.6.6.

4.2 Meetings

4.2.1 Start of Work Meeting: The start of work meeting shall be convened by the contractor within 14 days after contract award (DAC) at TARDEC in Warren, Michigan. At the start of work meeting, the Government shall provide the contractor with weight data on the Bradley IFV to be supplied for this effort. The contractor shall prepare (i) an agenda IAW Section 4.1.13; and (ii) meeting minutes IAW Section 4.1.14.

4.2.2 Project Reviews: The contractor shall conduct bi-monthly project reviews at the Contractors facility, sub-contractor/vendor facility or any Government facility beginning no later than 45 DAC. The contractor shall prepare an agenda IAW Section 4.1.13 and meeting minutes IAW Section 4.1.14.

4.2.4 System Requirements Review (SRR): The contractor shall conduct a SRR to review the conceptual design IAW Section 4.1.15 and methodology of the ISBSS to establish the systems capability in order to satisfy the performance requirements. Said performance requirements shall be furnished to the contractor by the Government NLT 45 DAC. The contractor shall present any areas of inconsistency or proposed changes at the SRR. The purpose of this meeting will be to identify how the performance requirements will impact the performance, cost, and scheduling of the system. The SRR shall be conducted at TARDEC in Warren, MI at a mutually agreed to date within 90 DAC. The contractor shall prepare an agenda IAW Section 4.1.13 and meeting minutes IAW Section 4.1.14.

4.2.5 Preliminary Design Review (PDR): The contractor shall conduct a PDR, one month prior to entry into the detailed design phase, at TARDEC in Warren, MI to demonstrate that the preliminary ISBSS design (IAW Section 4.1.16) meets all performance requirements (IAW Section 4.2.4) with risks documented and within the cost and schedule constraints allocated for this effort, and establishes the basis for proceeding with detailed design. The purposes of this meeting are to review the design options, identified interfaces, and describe verification methods, including modeling & simulation report (IAW Section 4.1.7), ensure that all performance requirements have been accounted for, show how the proposed design is expected to meet the functional and performance requirements as documented in the briefing materials given during the PDR, confirm sufficient TRL in the proposed design approach to proceed to final design, and show the design is meeting the performance requirements and that the risks have been identified, and a mitigation plan is established. The contractor shall prepare an agenda IAW Section 4.1.13 and meeting minutes IAW Section 4.1.14.

4.2.6 Critical Design Review (CDR): The contractor shall conduct a CDR, one month prior to entry into the Build and Fabrication phase, at TARDEC in Warren, MI and present the CDR report IAW Section 4.1.18 to demonstrate that the maturity of the ISBSS design supports proceeding with full ISBSS fabrication, assembly, integration, and test. The purposes of this meeting are to ensure that functional and performance requirements IAW 4.2.4 are met, and to review the final design, identified interfaces, and verification methods, including modeling & simulation report (IAW Section 4.1.7). The contractor shall establish a Quality Assurance (QA) Plan IAW Section 4.1.18 to verify that the final design fulfills the performance requirements (reference Section 4.2.5) established at PDR. The contractor shall prepare an agenda IAW 4.1.13 and meeting minutes IAW Section 4.1.14.

4.2.7 Pre-Test Review (PTR): The contractor shall conduct a PTR at its facility, one month prior to start of testing and evaluation IAW Section 3.4. At the PTR, the contractor shall present its modeling and simulation report IAW Section 4.1.7, perform an HSD walk-through, and present the SAR IAW Section 3.6.2. The contractor shall prepare PTR minutes IAW Section 4.1.14.

5.0 Security Requirements

5.1 Non-Disclosure Agreement: The contractor shall sign a non-disclosure agreement, to be provided by the Government within 30 days of contract award.

6.0 Government Furnished Property

The Government expects to furnish the contractor with a Bradley representative test asset within 90 days after the start of work meeting. Refer to paragraph 6.1 below.

Specific Government Furnished Property to be provided is/are as follows:

<u>Item</u>	<u>Acquisition Value</u>	<u>Qty</u>	<u>Serial No.</u>	<u>Variant</u>	<u>LIN</u>	<u>NSN</u>
Bradley test asset	\$1,061,457.00	1	3AA00102F	M7 BFIST	F86571	2350014321526

6.1 In the event that the Government is not in a position to provide the stated GFP and subject to an approved contract modification, the contractor shall implement an alternate approach to ensure successful demonstration of the ISBSS technology. Such approach could include access to a Bradley vehicle at a United States Government facility to enable contractor technical personnel to fully measure and

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define the vehicle interface for the ISBSS to enable production of an engineered surrogate hull for the purposes of the HSD.

7.0 Period of Performance

The period of performance for this effort shall be 28 months from the date of contract award. ****

**** Updated on Modification P00003

*** END OF NARRATIVE C0001 ***

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SECTION F - DELIVERIES OR PERFORMANCE

F.1 PERIOD OF PERFORMANCE

F.1.1 All effort required under this contract, including delivery of the final technical report, shall be completed within twenty-eight (28) months after contract award date. ****

F.1.2 If there is any conflict between Section B and Section F of this contract, Section F will prevail.

F.2 DATA DELIVERABLES

F.2.1 Delivery of data set forth in the contract shall be in accordance with the Contract Data Requirements List, DD Form 1423.

F.3 MATERIAL/HARDWARE DELIVERABLES

F.3.1 All materials/hardware required to be delivered under the contract shall be delivered FOB Destination to the following address:

ATTN: Mark Liedke
Ground Systems Survivability RDECOM TARDEC
6501 E. 11 Mile Rd.
Attn: RDTA-RS/MS 263
Warren, MI 48397-5000

F.4 CONTRACT MILESTONES. The contractor may bill each respective SubCLIN upon completion of all tasks set forth below for each of the milestones.

F.4.1 Phase I - Start of Work, Project Reviews, and SRR, IAW Section B.5.1.1

Statement of Work Sections 4.2.1, 4.2.2 and 4.2.4
Integrated Master Schedule IAW CDRL A001
Work Breakdown Structure IAW CDRL A002
Start of Work, SRR, Project Review Meeting Agendas IAW CDRL A013
Start of Work, SRR, Project Review Meeting Minutes IAW CDRL A014
SRR Report Summary IAW CDRL A015
Bi-Weekly SITREP IAW CDRL A017

F.4.2 Phase II - Project Reviews and PDR, IAW Section B.5.1.2

Statement of Work Sections 4.2.2 and 4.2.5
Weight Reduction Data IAW CDRL A003
Modeling & Simulation Report IAW CDRL A007
PDR and Project Review Meeting Agendas IAW CDRL A013
PDR and Project Review Meeting Minutes IAW CDRL A014
PDR Report IAW CDRL A016
Bi-Weekly SITREP IAW CDRL A017

F.4.3 Phase III - Project Reviews, Contractor Testing, and CDR, IAW Section B.5.1.3

Statement of Work Sections 3.4.6, 4.2.2 and 4.2.6
Contractor Test Plan IAW CDRL A004
Contractor Test Report and TRL IAW CDRL A005
Modeling & Simulation Report IAW CDRL A007
CDR and Project Review Meeting Agendas IAW CDRL A013
CDR and Project Review Meeting Minutes IAW CDRL A014
Bi-Weekly SITREP IAW CDRL A017
CDR Report IAW CDRL A018

F.4.4 Phase IV - Project Reviews and HSD Build, IAW Section B.5.1.4

Statement of Work Section 4.2.2
Project Review Meeting Agendas IAW CDRL A013
Project Review Meeting Minutes IAW CDRL A014
Bi-Weekly SITREP IAW CDRL A017

F.4.5 Phase V - Project Reviews, and PTR and ATC Testing, IAW Section B.5.1.5

Statement of Work Sections 3.4.3, 3.4.4.3, 4.2.2 and 4.2.7
HSD Delivery IAW Statement of Work Section 4.1.19
Modeling & Simulation Report IAW CDRL A007
Safety Assessment Report IAW CDRL A009

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Name of Offeror or Contractor: CANADIAN COMMERCIAL CORPORATION

Project Review Meeting Agendas IAW CDRL A013
PTR and Project Review Meeting Minutes IAW CDRL A014
Bi-Weekly SITREP IAW CDRL A017

F.4.6 Phase VI - Final Report, IAW Section B.5.1.6
Statement of Work Sections 3.4.4.4, 3.4.7, and 3.6.4
ATC Test Report and TRL IAW CDRL A005
ISBSS Interface Control Document IAW CDRL A008
Occupant Protective Standard Design Criteria IAW CDRL A010
Final Technical Report IAW CDRL A011
ISBSS CAD and Top-Level Drawings IAW CDRL A012
Bi-Weekly SITREP IAW CDRL A017

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*** END OF NARRATIVE F0001 ***