

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. Contract ID Code
Firm-Fixed-Price

Page 1 Of 14

2. Amendment/Modification No. 0001	3. Effective Date 2012NOV15	4. Requisition/Purchase Req No. SEE SCHEDULE	5. Project No. (If applicable)
---------------------------------------	--------------------------------	---	--------------------------------

6. Issued By U.S. ARMY CONTRACTING COMMAND ANGELA HERNANDEZ WARREN, MICHIGAN 48397-5000 HTTP://CONTRACTING.TACOM.ARMY.MIL EMAIL: ANGELA.HERNANDEZ5@US.ARMY.MIL	Code W56HZV	7. Administered By (If other than Item 6)	Code
---	----------------	---	------

8. Name And Address Of Contractor (No., Street, City, County, State and Zip Code)	<input checked="" type="checkbox"/>	9A. Amendment Of Solicitation No. W56HZV-13-R-0070
		9B. Dated (See Item 11) 2012OCT26
	<input type="checkbox"/>	10A. Modification Of Contract/Order No.
		10B. Dated (See Item 13)
Code	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 2 signed 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)

**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 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)	
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

Name of Offeror or Contractor:

SECTION A - SUPPLEMENTAL INFORMATION

SOLICITATION: W56HZV-13-R-0070
 AMENDMENT: 0001

PURPOSES: This Amendment 0001 to Solicitation W56HZV-13-R-0070 is issued to make the following changes: (i) provide alternate guidance for Electronic Submission of Offers; and (ii) revise the Scope of Work; and (iii) provide the correct web link to view solicitation information, as listed in Section L.3.4

1. The Solicitation is amended as follows:

a. Section A - Supplemental Information

i. Clause 52.204-4700, Temporary Guidance for Electronic Submission of Offers, is hereby added to the solicitation.

b. Section C - Description/Specification/Work Statement

i. Paragraph C.5.4.2

1. DELETE: If the heptafluoropropane-based Extinguisher relies on a charge pressure to operate, then it shall be charged with nitrogen to 900+25/-0 psi at 70 degrees F plus 10 to 15 psi He trace gas.

2. REPLACE WITH: If the heptafluoropropane-based Extinguisher relies on a charge pressure to operate, then it shall be charged with nitrogen to 900+25/-0 psi at 70 degrees F plus at least 10 to 15 psi He trace gas.

ii. Paragraph C.5.6.1

1. DELETE: The pressure switch shall be closed to indicate a properly charged cylinder or extinguisher and shall signal low pressure by indicating an open circuit when the pressure has dropped to 600-650 psi for the simple pressure switch.

2. REPLACE WITH: The pressure switch shall be closed to indicate a properly charged cylinder or extinguisher and shall signal low pressure by indicating an open circuit when the pressure has dropped to 570-620 psi for the simple pressure switch.

c. Section L - Instructions, Conditions, and Notices to Offerors

i. Paragraph L.3.4:

1. DELETE LINK: <http://contracting.tacom.army.mil/majorsys/cbmpp/cbmpp.htm>

2. REPLACE WITH: <http://contracting.tacom.army.mil/research/AFES.htm>

2. The closing date remains unchanged at 26 November 2012 at 1:00 PM local Warren, MI time, Eastern Standard Time.

3. Except as revised by this Amendment 0001 to solicitation W56HZV-13-R-0070, all other terms and conditions remain unchanged and in full force and effect.

*** END OF NARRATIVE A0002 ***

<u>Status</u>	<u>Regulatory Cite</u>	<u>Title</u>	<u>Date</u>
A-1 ADDED	52.204-4700 (WARREN)	TEMPORARY GUIDANCE FOR ELECTRONIC SUBMISSION OF OFFERS	OCT/2012

Currently the ASFI/BRS system is unavailable due to technical difficulties, Contractors are authorized to utilize procedures for submitting electronic offers in accordance with "Temporary Vendor Guidance" instructions found on the TACOM PROCNET website: <http://contracting.tacom.army.mil/CFDATA/SOL/SOL01.CFM> and for the format, specifically in paragraph 2 of Requirement for Electronic Submissions found at: <http://contracting.tacom.army.mil/acqinfo/ebidnotice.htm>. Contractors should remember to consider solicitation closing time when preparing to submit an offer using the U.S. Postal System.

Name of Offeror or Contractor:

SECTION C - DESCRIPTION/SPECIFICATIONS/WORK STATEMENT

C.1 The contractor, as an independent contractor and not as an agent of the Government, shall provide the necessary qualified personnel, facilities, material, equipment and services to accomplish the tasks defined herein.

C.2 General. The contractor shall provide the technical expertise necessary to support the development (to include designing, testing, and delivery) of common fire extinguishers to be used in automatic fire extinguishing systems (AFES) for the crew compartments of U.S. Army ground vehicles. This effort is for the development of the extinguisher only. The goal of this effort is to reduce the initial procurement cost and minimize the life-cycle cost of the extinguishers. The ultimate purpose is to reduce the overall logistic footprint of the Army fire suppression capability, while increasing reliability without compromising performance.

C.3 RESERVED

C.4 Threshold requirements herein are indicated by (T); these indicate required minimum levels of performance. Objective requirements are indicated by (O); these indicate desired levels of performance.

C.5 Extinguisher and Component Requirements:

C.5.1 The primary mode of extinguisher discharge shall utilize an AFES supplied electrical signal as defined herein.

- a) Electrical discharge (T)
- b) Electrical discharge and the capability to discharge mechanically (O).

C.5.1.1 If a mechanical-discharge capability is incorporated, the mechanical release mechanism shall release the extinguishing agent in response to a force of greater than 10 to less than 26 pound-force applied over 0.25 inches of travel at the activation point of the extinguisher.

C.5.2 The extinguishers shall be in conformance with MIL-STD-1472 Human Engineering over a range including all soldiers from a 5th percentile female up to a 95th percentile male, where all soldiers within the range are wearing Nuclear-Biological-Chemical (NBC) and cold weather protective clothing.

C.5.2.1 Extinguisher configuration will, to the maximum extent possible, utilize commercial components that are currently available in the commercial market.

C.5.2.2 The extinguisher configuration shall ensure functionality, ease and safety of operation, and maintenance.

C.5.3 Production extinguishers may be single-use or refillable devices, and the valve and cylinder can be integrated or separable. If the valve and cylinder can be separated while the cylinder is charged, then the valve must be able to be installed onto the cylinder while it is mounted in its normal vehicle position.

C.5.4 All extinguishers designed, tested and delivered under this contract shall be charged.

a) The extinguisher shall be charged with 6.0 +0.1/- 0.0 lbs of heptafluoropropane (HFC-227ea) with 0.6 lb +/-0.05 lbs of sodium bicarbonate based dry chemical (T).

b) The extinguisher design shall be capable of being charged with 7.0 +0.1/- 0.0 lbs of bromotrifluoromethane (Halon 1301) with up to 1.2 lb +/-0.05 lbs of sodium bicarbonate based dry chemical (O).

C.5.4.1 Extinguisher valve configuration capability:

- a) Side discharge (T). The extinguisher dimensions and discharge geometry shall comply with Appendix I.
- b) Combined discharge, to include both side and bottom discharge (O). The extinguisher dimensions and discharge geometry shall comply with Appendix I and Appendix II.

C.5.4.2 If the heptafluoropropane-based extinguisher relies on a charge pressure to operate, then it shall be charged with nitrogen to 900+25/-0 psi at 70 degrees F plus at least 10 to 15 psi He trace gas.

C.5.5 All extinguishers or pressurized cylinders (per C.5.4 above) shall be equipped with a means to prevent accidental discharge during shipping, installation and maintenance. Anti-recoil devices, shorting plugs, and lock pins shall be provided on each delivered extinguisher or pressurized cylinder. All safety components that are removed or disassembled to enable vehicle installation shall be tethered to the cylinder or valve (T). Safety components shall be integral and non-removable (O). A warning label per drawing 12314504 shall be affixed to the extinguisher or pressurized cylinder.

C.5.6 Pressurized extinguishers shall include a pressure gauge and a simple pressure switch (T), or a pressure gauge and temperature compensated pressure switch (TCPS) (O).

Name of Offeror or Contractor:

C.5.6.1 The pressure switch shall be closed to indicate a properly charged cylinder or extinguisher and shall signal low pressure by indicating an open circuit when the pressure has dropped to 570-620 psi for the simple pressure switch.

C.5.6.2 If the TCPS is supplied, then the TCPS shall be closed to indicate a properly charged cylinder or extinguisher, and shall signal low pressure by indicating an open circuit when the pressure has dropped:

- a) 100 psig (T) below the pressure of a fully charged extinguisher at all temperatures between -25 degrees F and 130 degrees F;
- b) 75 psig (O) below the pressure of a fully charged extinguisher at all temperatures between -25 degrees F and 130 degrees F.

C.5.7 The leakage rate of the extinguisher or pressurized cylinder shall not exceed

- a) 0.1 ounce per year (equivalent to 10⁻⁶ SCC He/sec) (T);
- b) No leakage (O).

C.5.8 If the extinguisher is re-usable, its refill capabilities and procedures shall be compatible with existing Army recharge equipment (NSN 4210-01-474-6206, TB 9-4210-245-50). Any adaptors shall be separately identified and available

C.5.9 Cylinders shall not require hydrostatic testing more frequently than every 12 years and shall be designed to remain in service indefinitely unless they are damaged or need to be refilled or recharged.

C.5.10 Extinguishers charged per C.5.4.a shall not weigh more than

- 23 lbs fully charged and operable (T),
- 18 lbs fully charged and operable (O).

C.5.11 Pressurized cylinders for all extinguishers shall meet all applicable Department of Transportation (DOT) requirements including CFR Title 49 Part 180 Subpart C and DOT Special Permits.

C.5.12 Pressurized cylinders for all extinguishers shall meet the non-shatterability requirements of MIL-DTL-7905 Cylinder, Steel, Compressed Gas, Non-Shatterable, Seamless, 1800 PSI and 2100 PSI.

C.5.13 Cylinders shall be marked and color coded in accordance with MIL-STD-101 Color Code for Pipelines and for Compressed Gas Cylinders.

C.5.13.1 The exterior surface of each pressurized cylinder for all extinguishers shall be primed with Chemical Agent Resistant Coating (CARC) per MIL-P-53022.

C.5.13.2 The exterior surface of each cylinder body for all extinguishers shall be painted red (no. 11136 or 11105) per FED-STD-595 over the CARC primer.

C.5.13.3 The exterior surface of each cylinder body for all extinguishers shall have two adjacent two inch wide bands applied to its circumference, colors per FED-STD-595, after the red topcoat has been applied per C.5.13.2. The band closest to the cylinder neck or valve shall be gray (no. 16187 or 26307) and the other band shall be black (no. 17038).

C.5.14 Safety.

C.5.14.1 Each extinguisher or pressurized cylinder shall be equipped with a safety relief device to vent internal pressure before it reaches a level that could cause damage to the extinguisher or injury to personnel. The relief device shall not activate at temperatures below 180 degrees F.

C.5.14.2 The discharge from the extinguisher shall result in a pressure of less than 20 psig at 5 inches and an acceleration of less than 8G averaged within 30 ms or less at 12 inches from the integrated extinguisher discharge outlet.

C.5.14.3 Impulse noise levels during extinguisher discharge shall be no more than 165 dB (T), 140 dB (O) measured 12 inches from the extinguisher discharge outlet.

C.5.14.4 The extinguisher or pressurized cylinder shall not discharge materials or items that could cause physical injury to crewmembers. The extinguisher shall not eject solid fragments larger than 300 microns in diameter under any circumstances.

C.5.15 The extinguisher shall begin to discharge within 10ms after receiving a releasing signal.

C.5.15.1 Within 200ms after receiving a releasing signal, the cylinder pressure shall be no greater than 36% of its initial level.

C.5.15.2 After discharge, the residual agent content shall not exceed 1.5% by weight of the initial charge. The residual pressure in the extinguisher shall not exceed the agent vapor pressure at all temperatures between -60 degrees F and 160 degrees F.

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

Page 5 of 14

PIIN/SIIN W56HZV-13-R-0070

MOD/AMD 0001

Name of Offeror or Contractor:

C.5.16 Electrical interfaces shall be via a MS3112E12-3PN or MS3470W12-3PN connector.

C.5.17 Releasing Signal and Continuity Monitoring

C.5.17.1 Pin A. The extinguisher shall discharge when an activation signal with amplitude of between 16 and 30 volts, providing at least

a) 10A (T),

b) 3.5A (O),

is received with respect to Pin B (Return) with a duration of at least 30ms .

C.5.17.2 The extinguisher shall be compatible with a continuity sensing signal between pins A and B that shall not exceed 5mA.

C.5.17.3 Pin B, Return

C.5.17.4 Pin C, Pressure monitor. When the cylinder is pressurized, the pressure switch shall be closed with respect to pin B and rated for at least 0.1 A.

C.5.18 The extinguisher shall be designed for high reliability. The Mean Time Between Failure (MTBF) for the extinguisher shall not be less than 100,000 hours. The MTBF for electrical and pyrotechnic components shall be calculated using MIL-HDBK-217F and available manufacturer reliability test data. The MTBF for mechanical assemblies shall be based on mechanical parts extracted from the Non-Electronics Parts Reliability Database (NPRD) available through the Reliability Information Analysis Center (.theriac.org). The supplier shall support the MTBF results with available field return data and a Design Failure Mode Effects Analysis (DFMEA) per SAE J1939. The supplier shall submit a report that describes the MTBF and DFMEA results.

C.5.19 The extinguishers shall function properly, evidence no deterioration and produce no inadvertent discharges during or after exposure to the following environments:

C.5.19.1 The extinguishers shall meet the environmental requirements of MIL-DTL-62547C (AT) Valve and Cylinder Assemblies, paragraph 3.7 inclusive of subparagraphs. Qualification by Similarity or Analysis is acceptable for Salt Fog, Fungus, Sand and Dust, and Humidity.

C.5.19.2 As part of environmental testing, or as an added test, the contractor shall demonstrate that the extinguisher does not thermally relieve at temperatures less than 180 degrees F.

C.5.19.3 The extinguisher shall not discharge or cause any electromagnetic interference (EMI) problems for other vehicle components or systems when tested in accordance with MIL-STD-461F Requirements for the Control of Electromagnetic Interference Characteristics of Subsystems and Equipment methods RE102, CS114, CS115, CS116, CE102, and RS103 and MIL-STD-464A Electromagnetic Environmental Effects, Requirements For Systems as applicable to Army ground platforms.

C.5.20 With respect to extinguisher mounting orientation

a)The extinguisher shall meet all performance requirements specified herein when mounted up to 30 degrees from vertical (T).

b) The performance of the extinguisher shall be insensitive to mounting orientation (O)

C.5.20.1 In all cases, the dry chemical shall discharge with or before the gaseous agent.

C.6 Deliverables

C.6.1 Hardware

C.6.1.1 The contractor shall provide thirty-six (36) prototype extinguishers that represent a configuration that could be mass produced, to TARDEC no later than eight (8) months after contract award.

C.6.1.2 If refillable extinguishers are provided, service parts sufficient to support 36 discharges shall be included in the hardware delivery.

C.6.1.3 Special tools: Two (2) sets of all special tools required to service extinguishers and recover agents shall be provided. If extinguishers are refillable, the contractor shall also deliver two (2) sets of all special tools required to rebuild and recharge the extinguishers using standard Army refill equipment with the hardware delivery of C.6.1.1.

C.6.1.4 Option Quantities: If the Contracting Officer exercises the option in Section H of this contract, the contractor shall provide up to an additional fifty (50) prototype extinguishers developed under this effort, along with required service parts and special tools to TARDEC no later than six (6) months after the option exercise to support further testing and integration.

C.6.2 Reports: All required reports specified herein may be provided in the contractors format in accordance with CDRL A001.

C.6.2.1 Maintenance Report: The contractor shall describe in detail required or recommended instructions for the following: a) periodic service, b) maintenance, and c)disposal. Any replacement parts required to service the extinguisher shall be available in kit form. If any parts have a service life, the contractor shall identify those parts and how they are to be serviced. If regular service is

Name of Offeror or Contractor:

required, the contractor shall prepare and deliver a parts list and associated cost of required parts and recommended frequency of service over a 30 year period in accordance with CDRL A001. The contractor may propose that the extinguisher be replaced in lieu of performing maintenance actions and replacement of parts over a 30 year period.

C.6.2.2 The contractor shall submit a description, engineering drawing and estimated cost of any special tools or equipment that are required for installation, use and safe depressurization and agent recovery of any extinguisher furnished under this contract.

C.6.2.3 Monthly Status Reports. The contractor shall prepare and deliver monthly status reports in accordance with CDRL A002 every 30 days, until contract completion. The first report shall be delivered to the COR thirty (30) days after contract award.

C.6.2.4 The contractor shall provide hardware and instructions that allow the charge pressure to be safely bled-off independent of an AFES commanded discharge. The instructions shall include a procedure for recovering the gaseous agent.

C.6.2.5 Reserved

C.6.2.6 Life-Cycle Cost. The contractor shall submit an estimate of the life-cycle cost of their delivered product in accordance with DOD 500.4-M. The estimate should be clear and identify any assumptions made. The following should be used in developing the estimate:

C.6.2.6.1 Life-cycle costs shall be estimated for periods of service of 6, 11, 16, and 30 years. In the event the contractor's design exceeds a 30 year service life, the contractor shall also provide the life-cycle costs associated with the maximum year service life.

C.6.2.6.2 Estimated or actual procurement costs of extinguishers shall be provided based on purchases of 100 and 500 units per month.

C.6.2.6.3 Estimated or actual procurement cost of special equipment or tools shall be computed assuming one set is required for every 500 extinguisher units.

C.6.2.6.4 If regular service is required, the contractor shall prepare and deliver a parts list and associated cost of required parts and recommended frequency of service.

C.6.2.6.5 The cost of kits and/or components to support 2,000 discharges annually shall be provided.

C.6.2.6.6 If the contractor provides a rechargeable extinguisher then, in the event the extinguisher is removed from the vehicle, the contractor shall identify the labor hours required to perform regularly scheduled service and return the discharged extinguisher to serviceable condition.

C.6.2.7 Objectives Trade Study: The contractor shall submit a trade study in accordance with DOD 500.4-M and per CDRL A006, that addresses the feasibility and costs associated with meeting the objective requirements addressed herein and listed below:

<u>Description</u>	<u>Section</u>
Mechanical manual discharge	C.5.1
Halon 1301 Compatibility (agent)	C.5.4
Side / Bottom Discharge	C.5.4.1
Integrated Safety Device	C.5.5
TCPS	C.5.6
Weight	C.5.10
Impulse noise 140 dB	C.5.14.3
Activation signal 3.5 A	C.5.17.1
Orientation insensitivity	C.5.20

C.6.2.8 Cost Reduction Opportunities. The Government is interested in potential procurement and support cost reductions that may be possible through the deletion or modification of Threshold (T) requirements specified herein and an estimate of the associated savings for production volumes of 100 and 500 units per month. The description shall clearly identify trade-offs between cost, packaging, size and weight, reliability and performance.

C.6.2.9 The contractor shall provide the following final design data items within 300 days After Contract Award (ACA): an Interface Control Drawing (ICD), a 3-D model using Pro-E format, and a qualification test report that addresses the requirements outlined in the table below. The qualification test report shall include

- a)pressure versus time graphs (T)
- b)pressure versus time graphs and high-speed video (O)

covering the required discharge tests. A preliminary 3D model and ICD shall be submitted to the COR within 180 days ACA in accordance with CDRL A001.

CONTINUATION SHEET**Reference No. of Document Being Continued****Page 7 of 14**

PIIN/SIIN W56HZV-13-R-0070

MOD/AMD 0001

Name of Offeror or Contractor:

REQUIREMENT	SECTION	ICD	Qual Report
Ergonomics	5.2		X
Agent Mass	5.4	X	
Dimensions and Discharge Geometry	5.4.1	X	
Anti-recoil device and label(s)	5.5	X	
Pressure Gauge and Switch	5.6	X	
Leak Rate	5.7		X
Hydrostatic Test Requirement(s)	5.9	X	
DOT Markings	5.11	X	
Other markings	5.13	X	
Safety	5.14		X
Discharge characteristics	5.15		X
Electrical Interface	5.16	X	
Releasing signal and continuity monitor	5.17	X	
Environmental	5.19		X
Mounting requirements/limitations	5.20	X	

C.6.2.10 Preliminary installation, operation and maintenance manuals shall be delivered with the hardware.

C.6.2.11 Final versions of all reports, instructions and manuals shall be delivered within 90 days of hardware delivery.

C.7 Meetings/Reviews: All presentations for Government/contractor review will be submitted to the Government at least five (5) days prior to the meeting date.

C.7.1 Start of Work Meeting: The contractor shall conduct a Start of Work meeting within 30 days of contract award. The meeting will be held at the contractors facility or may be conducted via telephone conferencing. The date and location/method of the meeting and agenda shall be coordinated between the contractor and the COR. In accordance with CDRL A003, the contractor shall present and deliver to the COR an overview of its entire contractual effort, including schedule, engineering, logistics planning, and risk management. In accordance with CDRL A004, the contractor shall submit minutes of the start of work meeting within 10 days after the meeting.

C.7.2 Preliminary Design Review (PDR): The contractor shall conduct a PDR meeting within 90 days of contract award. The meeting may be held at TARDEC or may be conducted via telephone conferencing. The date and location/method of the meeting and agenda shall be coordinated between the contractor and the COR. During the PDR, the contractor shall present the preliminary design concepts for COR approval, to determine if these items can proceed into detailed design and if the stated performance requirements can be met within cost and schedule. An updated risk assessment, program schedule (to include schedule drivers), production and life-cycle cost assessment, and any other system constraints shall be provided by the contractor and shall be addressed at this review. In accordance with CDRL A004, the contractor shall submit minutes of the PDR meeting within 10 days after the meeting.

C.7.3 Critical Design Review (CDR): The contractor shall conduct a CDR meeting within 180 days of Contract Award at the contractors facility in accordance with the schedule in paragraph C.9. During the CDR, the contractor shall present the final designs for Government approval, to determine if these systems can proceed into final fabrication and if the stated performance requirements can be met within cost and schedule. An updated risk assessment, program schedule (to include schedule drivers), an updated cost assessment, and any other system constraints shall be provided by the contractor in accordance with A005, and shall be addressed at this review. In accordance with CDRL A004, the contractor shall submit minutes of the CDR meeting within 10 days after the meeting.

C.7.4 Technical/Program Reviews: During the course of this contract, engineering reviews between the parties may be required to assess program status, provide progress updates and resolve issues relating to development, testing, and other deliverables. Therefore, the contractor shall participate in electronic (telephone or web) conferences to discuss and resolve these issues. In accordance with CDRL A004, the contractor shall submit minutes of the technical/program reviews within 10 days after each review. A maximum of six (6) reviews shall be scheduled during the contract period of performance.

C.8 Program Plan: In accordance with CDRL A003, the contractor shall develop and submit to the COR a detailed Program Schedule prior to the start of work meeting. The Schedule shall be prepared in Microsoft Project unless another method is approved by the COR, and shall identify milestones (tests and deliveries) and the processes and parts required to effectively execute this program. The Schedule shall be consistent with the applicable deliveries identified and incorporate a budget and spending plan. All delivery dates for contractor reports and presentations shall be included in the schedule and this schedule shall be in agreement with the Program Milestones described in Section C.9. Contractor shall notify the government within five (5) days of any schedule slip longer than five (5) days. Any Program Schedule changes must be mutually agreed upon.

C.9 Schedule of Deliverables:

DESCRIPTION	SCHEDULE	SECTION
Meetings/Plans		
Program Plan	within 25 days	C.8

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

Page 8 of 14

PIIN/SIIN W56HZV-13-R-0070

MOD/AMD 0001

Name of Offeror or Contractor:

Start of Work Meeting	within 30 days		C.7.1
PDR	within 90 days		C.7.2
CDR	within 180 days		C.7.3
Technical Program Reviews	as Required		C.7.4
<u>Studies/Reports/Manuals</u>	<u>Preliminary</u>	<u>Final</u>	
MTBF and DFMEA Report	within 180 days	within 300 days	C.5.18
Maintenance Procedures	within 180 days	within 300 days	C.6.2.1
Special Tools	within 180 days	within 300 days	C.6.2.2
Regular Service Parts	within 180 days	within 300 days	C.6.2.6.4
Agent Recovery	within 180 days	within 300 days	C.6.2.4
Recharging	within 180 days	within 300 days	C.6.2.5
Life Cycle Cost Analysis	within 180 days	within 300 days	C.6.2.6
Procurement Cost Reduction	within 180 days	within 300 days	C.6.2.8
Objective Trade Studies	within 180 days	within 300 days	C.6.2.7
Interface Control Drawing(s)	within 180 days	within 300 days	C.6.2.9
3-D model using Pro-E format	within 180 days	within 300 days	C.6.2.9
Qualification Test Report	within 360 days		C.6.2.9
<u>Hardware</u>			
Extinguishers	within 240 days		C.6.1.1
Service Parts	within 240 days		C.6.1.2
Special Tools	within 240 days		C.6.1.3

* AFTER CONTRACT AWARD (ACA)

C.10 Information Security.

C.10.1 Public Disclosure of Information: Although this research effort is not classified, information about this effort is not generally releasable to the public. All information that the contractor may wish to disclose in any public forum (e.g. a press release, journal publication, company newsletter, etc.) must be sent to the COR to obtain approval prior to publication. The COR will coordinate and process the request for approval or disapproval through TARDEC's Operations Security (OPSEC) review process.

C.10.2 Distribution Statement: Every data item deliverable shall contain the following statement: "Distribution D: Distribution authorized to US DoD and US DoD contractors only. Other requests for this document shall be referred to: US Army RDECOM-TARDEC, ATTN: RDTA-RS, Mail Stop 263 (Eric Hahka), 6501 E. 11 Mile Road, Warren, MI 48397-5000."

C.10.3 Export Control Statement: Every data item deliverable shall contain the following statement: Technical data contained herein may be controlled for export by the US Department of State under the International Traffic in Arms Regulations (ITAR) (22 CFR 120-130) or by the Department of Commerce under the Export Administration Regulations (EAR) (Export Administration Act of 1979, as amended). It may not be exported or transferred to any foreign person either in the United States or abroad, or disclosed to a national of another country without the prior written approval of the US Department of State or Department of Commerce.

*** END OF NARRATIVE C0001 ***

Name of Offeror or Contractor:

SECTION L - INSTRUCTIONS, CONDITIONS, AND NOTICES TO OFFERORS

L.1 GENERAL PROPOSAL INFORMATION:

L.1.1 Subject to paragraph (c), the Submission, Modification, Revision and Withdrawal paragraph of FAR 52.215-1 "Instructions to Offerors Competitive Acquisition," contained elsewhere in Section L of this RFP, the proposal shall be submitted in the format and quantities set forth below. All information necessary for the review and evaluation of a proposal must be contained in the proposal volumes set forth below. Section M of the RFP sets forth the evaluation criteria and delineates the Factors to be evaluated and their relative order of importance. The Offeror's proposal, as specified by this section shall be evaluated as set forth in Section M of this RFP.

L.1.2 Offeror shall submit its proposal in electronic rather than paper format, to include (i) all proposal volumes as specified in L.2.1, and (ii) any supplemental information (such as spreadsheets, backup data, and technical information) using the following requirements:

L.1.2.1 Files shall be furnished in either Microsoft: Word, Excel, or PowerPoint. All Microsoft files shall be 2003/2007 compatible unless otherwise indicated.

L.1.2.2 Spreadsheets shall be sent in a file format that includes all formulae, macro and format information. Print image is not acceptable for spreadsheets. Accordingly, any proposal submitted that does not provide spreadsheets created in Excel, or that includes Excel spreadsheets in print-image format, or that includes Excel spreadsheets that do not provide Government reviewers access to all formulae and macros, may be rejected by the Government.

L.1.2.3 Files in Adobe PDF (Portable Document Format). Scanners should be set to 200 dots per inch (per L.1.2.2 above, PDF format is not acceptable for spreadsheets).

L.1.2.4 Hyperlinks. Documents must not contain active links to live Internet sites or pages. All linked information must link only to other pages or documents that are contained within the electronic offer, so that they are accessible offline. Links between proposal volumes are only acceptable if they work properly when linked to other pages or documents that are contained within the electronic offer, so that they are accessible offline.

L.1.2.5 Font size shall be no smaller than 10.

L.1.3 If any portion of a proposal received by the contracting officer electronically is unreadable, the contracting officer will immediately notify the Offeror. The offeror will be permitted to resubmit a legible version of the unreadable portion of the proposal. The method and time for resubmission shall be prescribed by the contracting officer after consultation with the offeror. The resubmission will be considered as if it were received at the date and time of the original unreadable submission for the purpose of determining timeliness under FAR 15.208

://farsite.hill.af.mil/reghtml/regs/far2afmcfars/fardfars/far/15.htm.

L.1.4 Offerors shall make every effort to ensure that their electronic offer is submitted free of viruses and other malware. Offers (or portions thereof) submitted which reflect the presence of a virus or other malware, or which are otherwise rendered unreadable by damage in either physical or electronic transit, shall be treated as "unreadable" and handled as described in L.1.3 above.

L.1.5 The Government will evaluate only electronic versions of proposals submitted in response to this solicitation: paper copies are not requested and will not be evaluated if submitted. Accordingly, any proposal submitted in response to this solicitation that is provided only in the form of paper copies will not be considered for award. If a proposal is submitted in both electronic and paper form, only the electronic version will be evaluated. The paper version will not be used or considered.

L.1.6 Offerors are advised that Government support contractors (GSCs) that are employees of Booz Allen Hamilton and Alion Science and Technology Corp (information identified below) may serve as evaluators in, or provide support to, the source selection process.

L.1.6.1 The individuals employed by GSCs will be authorized access only to those portions of the proposal data and discussions that are necessary to enable them to perform their respective duties. The GSCs are expressly prohibited from competing on the subject acquisition. In accomplishing their duties related to the source selection process, the GSCs may require access to proprietary information contained in the offeror's proposal. To expedite the evaluation process, each offeror must contact the GSCs to effect execution of an agreement referenced below prior to the submission of proposals. Pursuant to FAR Part 9.505-4, the GSCs must execute an agreement with each offeror that states that they will (1) protect the offeror's information from unauthorized use or disclosure for as long as it remains proprietary, and (2) refrain from using the information for any purpose other than that for which it was furnished.

L.1.6.2 By 16 November 2012, offerors shall submit to the Government the agreements that have been executed with the below listed GSCs as of that date and identify those GSCs where discussions are still ongoing, including an estimated date of completion. Offerors shall provide a list of any issues associated with executing agreements with the GSCs. These documents shall be sent to the Contracting Officer via electronic mail to john.m.hopfner.civ@mail.mil or via postal mail to John Hopfner, Contracting Officer, US Army TACOM (Attn: CCTA-ASG-B), 6501 E. Eleven Mile Road, Mailstop 322, Warren, MI 48397-5000. The executed agreements shall be submitted with offerors

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

Page 10 of 14

PIIN/SIIN W56HZV-13-R-0070

MOD/AMD 0001

Name of Offeror or Contractor:

proposal. If an offeror feels they will not be able to reach an agreement with any of the listed GSCs below they shall immediately notify the Contracting Officer via electronic mail at john.m.hopfner.civ@mail.mil.

L.1.6.3 The contact information for the GSCs identified above is the following:

Booz Allen Hamilton
Columbia Center II
101 West Big Beaver Road
Suite 505
Troy, MI 48084
POC: Phil Wills, (248)680-3539

Alion Science and Technology Corp
31201 Chicago Road South
Suite B302
Warren, MI 48093
POC: Joel King, (586)765-1348

L.2 PROPOSAL PREPARATION INSTRUCTIONS

L.2.1 The proposal, in response to this solicitation, shall be submitted under a cover letter in four separate volumes as set forth below. The solicitation Section M sets forth evaluation criteria, factors, and their relative order of importance to the Government. All proposal information must be in the English language. Each volume shall have numbered pages and include a (i) title page, (ii) table of contents, and (iii) list of tables and figures. Offerors are not authorized to include in the proposal citations for or linkages to websites. Offers shall be submitted in the following volumes:

L.2.1.1 Cover Letter

L.2.1.2 Volume I (Factor 1): Experience

L.2.1.3 Volume II (Factor 2): Technical

L.2.1.4 Volume III (Factor 3): Cost/Price

L.2.1.5 Volume IV Proposal Terms and Conditions Volume, as explained in paragraph L.7 below

L.3 PROPOSAL SUBMISSION

L.3.1 Offerors are required to submit proposals electronically, via the Army Single Face to Industry (ASFI) Online Bid Response System (BRS) in accordance with FAR Clause 52.204-4016 ACC-Warren Electronic Contracting. For detailed information about submitting your offer electronically, please see [://contracting.tacom.army.mil/acqinfo/ebidnotice.htm](http://contracting.tacom.army.mil/acqinfo/ebidnotice.htm).

L.3.1.2 All or None. Offers in response to this solicitation must be submitted for all the requirements identified in the solicitation. Offers submitted for less than all the requirements called for by this solicitation may be rejected.

L.3.1.3 Note to Offerors. Please be mindful of the solicitation closing date and time set forth on the cover page of the solicitation or most recent amendment. It is the Offeror's responsibility to assure its proposal is received by the date and time specified. In accordance with FAR 15.208, if your proposal is not received at the initial point of entry to the Government infrastructure (in this case, received through ASFI BRS) by the exact date and time specified, it will be determined late. Proposal, as the term is used here, means ALL volumes and parts of the complete proposal.

L.3.2 Offeror's proposal shall be accompanied by an electronic cover letter (letter of transmittal) which shall be limited to one page and shall identify (i) the solicitation number and (ii) all enclosures being transmitted to ASFI BRS.

L.3.3 Offerors may submit pre-proposal questions at any point from the solicitation release date until the cut-off date and time given here.

L.3.3.1 All such questions must be submitted in writing and e-mailed to the buyer, Angela Hernandez at angela.c.hernandez6.civ@mail.mil.

L.3.3.2 All questions and all other correspondence related to this solicitation shall reference the solicitation number W56HZV-13-R-0070 in the email subject line.

Name of Offeror or Contractor:

L.3.3.3 The cut-off date and time for receipt of Pre-Proposal Offeror Questions is 09 November 2012, 1:00PM, local time (Eastern Time), Warren, MI.

L.3.3.4 Questions received after the specified date and time may not be evaluated or answered, so offerors are urged to review the solicitation promptly in order to formulate and submit questions prior to the specified cut-off date and time.

L.3.3.5 Offerors are required to submit proposals by the closing date and time whether questions have been answered or not.

L.3.4 Since the solicitation and associated information are posted on the FEDBIZOPPS website, the Government will post amendments to the solicitation on that website. Answers to any industry-generated questions will be posted on the following website <http://contracting.tacom.army.mil/research/AFES.htm> Offerors are responsible for periodically reviewing both websites for the most current information pertaining to this solicitation.

L.3.5 Alternate Proposals. Offerors may submit multiple alternate proposals with differing approaches to meeting the scope of work requirements. The Government will separately evaluate each alternate proposal received. Any offeror electing to submit more than one proposal shall adhere to the following requirements:

L.3.5.1 The offeror must produce each alternate proposal as a separate set of proposal volumes in accordance with paragraph L.2 above, with each page of each set being clearly labeled and identified (basic proposal, first alternate proposal, etc).

L.3.5.2 The offeror's basic proposal and each alternate proposal shall be complete so as to stand on its own, without dependency on, or reference to, any other proposal or alternate proposal.

L.3.5.3 The complete basic proposal and each complete alternate proposal, if any, must be submitted timely to the ASFI Bid Response System, as per paragraph L.3.1 above.

L.4 Experience Volume (Factor 1)

The offeror's Experience proposal shall include of the following:

L.4.1 The Offeror shall identify a grand total of no more than three (3) Contracts/Delivery or Task Orders, as performed by the Offeror itself or by the Offeror's proposed material or service suppliers/subcontractors, which are the most recent and relevant to the scopes of work specified in paragraphs L.4.3.1 - L.4.3.3 below.

L.4.2 Recent Contracts. Recent Contracts/Orders are those performed within approximately three years of the date of issuance of this RFP.

L.4.3 Relevant Contracts. Relevant Contracts/Orders or work directives are those which, as described below, are comparable in scope to RFP requirements. Where prior relevant experience is under a broader Blanket Purchase Agreement (BPA) or Indefinite Delivery Indefinite Quantity (IDIQ)-type contract, do not just cite the broader BPA or IDIQ Contract. Rather, include the specific individual work directives/ task orders which you consider to be reflective of relevant prior experience. In accordance with section L.4.1 above, each prior Contract/Order identified by the Offeror as being applicable, shall be evaluated based upon the extent to which prior experience is relevant to RFP requirements.

Specifically, the extent of relevant Experience with the following RFP requirements will be assessed by the Government:

The Offeror shall provide information about the Prime Offeror's Government and commercial contracts for Automatic Fire Extinguishing System (AFES) extinguishers which demonstrate recent and relevant experience with the following requirements:

L.4.3.1 Supply of vehicle crew AFES extinguishers that (a) are currently being tested by the Army; or (b) have been installed on fielded Army systems.

L.4.3.2 Supply of items conforming to military vehicle Electromagnetic Interference (EMI) requirements (MIL-STD-464A & MIL-STD-461F).

L.4.3.3 Supply of items conforming to the Human Engineering Standard MIL-STD-1472.

L.4.4 For each of the up to three (3) recent/relevant contracts/task orders identified, the Offeror shall provide the following:

(a) Contract Number

(b) Contract type

(c) Contract performance period

Name of Offeror or Contractor:

(d) Government or commercial contracting activity address, telephone number, and E-mail address

(e) Procuring Contracting Officer's (PCO's) name, telephone number and E-mail address

(f) Administrative Contracting Officer's (ACO's) name, telephone number and E-Mail address

(g) Government or commercial contracting activity technical representative, or COR, name, telephone number and E-mail address

(h) Copies of all Scope of Work paragraphs of the contracts/orders reflecting Experience which is relevant to the considerations cited above in paragraphs L.4.3.1 - L.4.3.3

(i) A discussion of specific similarities between these contract scopes of work and the scope in Section C/Purchase Description herein.

Failure to provide the information requested under paragraph L.4.4(a-i), particularly paragraphs (a - c) and (h)), so that the Government can evaluate the recency and relevance of claimed experience, may result in an assessment that prior experience lacks relevance or recency.

L.5 Technical Volume (Factor 2)

Under the Technical Factor, the Government will assess the following 5 considerations:

Element	Paragraph	Requirement	Threshold	Objective
1	C.5.4.1	Valve Configuration	Side only discharge	Side & bottom discharge
2	C.5.10	Weight	23 lbs	18 lbs
3	C.5.17.1	Current Draw	10 Amps	3.5 Amps
4	C.5.7	Leakage Rate	0.1 Ounce/Year	0.0 Ounce/Year
5	C.5.1	Discharge	Electrical	Mechanical & Electrical

L.5.1 For the above five (5) considerations, the offeror's Technical Factor proposal shall include the following:

L.5.1.1 For the Valve Configuration requirement in C.5.4.1, the Offeror shall:

(a) Identify its proposed performance level (Threshold; Objective), and

(b) describe its proposed Extinguisher Valve configuration to achieve the proposed level of performance. At a minimum, include level II design drawings, per American Society of Mechanical Engineers (ASME) Y14.100 with appropriate cut-away views, for the valve configuration and discharge design, identify proposed components, and provide supporting component literature and a narrative or other information substantiating that the offeror's approach will meet the proposed performance level.

L.5.1.2 For the Weight requirement in C.5.10, the Offeror shall:

(a) Identify its proposed performance level (Threshold; Objective; Achievement between Threshold and Objective - provide the exact performance level if between Threshold and Objective), and

(b) provide the precise weight for each component item comprised in your fire extinguisher design, including attachment hardware. Also provide supporting information for how weights were calculated or established. Weight is for a fully-charged and operational extinguisher cylinder.

L.5.1.3 For the Current Draw requirement in C.5.17.1, the Offeror shall:

(a) Identify its proposed performance level based on amperage at 24V DC (Threshold; Objective; Achievement between Threshold and Objective - provide the exact performance level if between Threshold and Objective), and

(b) provide a description of the current draw technical approach, including proposed components with supporting commercial literature and other evidence substantiating achievement of the offeror's proposed current draw performance level. Evidence shall include the current draw for each electronically-activated component.

L.5.1.4 For the Leakage Rate requirement in C.5.7, the Offeror shall:

(a) Identify its proposed performance level (Threshold; Objective; Achievement between Threshold and Objective - provide the exact performance level if between Threshold and Objective), and

(b) provide a description of the leakage rate technical approach, including proposed components with supporting commercial literature,

Name of Offeror or Contractor:

and other evidence substantiating achievement of the offeror's proposed leakage rate performance level. The offeror shall identify all potential leakage paths and the sealing methodology for each of the identified leakage paths.

L.5.1.5 For the Discharge Activation requirement in C.5.1, the Offeror shall:

(a) Identify its proposed performance level (Threshold; Objective), and

(b) provide a description of the discharge activation technical approach, including method of discharge, proposed components with supporting commercial literature, and other evidence substantiating achievement of the offeror's proposed discharge activation approach.

L.6 Price Volume (Factor 3)

L.6.1 The Price volume shall include the Offeror's total proposed price for CLINs (0001 - 0003) as identified in Section B of the proposal.

L.6.2 The Offerors shall provide the basis for establishing the proposed price for CLINs (0001 - 0003), including any offered discounts, established catalogs, price lists, or other verifiable and established records that are regularly maintained by the vendor, and are published or otherwise available for customer inspection. Catalog and/or price lists for commercial items can be provided as a basis to support direct materials such as purchased finished components.

L.6.3 In support of the Price Reasonableness determination, the Offeror shall provide the Offeror's proposed direct costs relative to the proposed price, on a "CLIN-by-CLIN" basis (0001 - 0003). The cost breakdown shall include the following cost element information:

L.6.3.1 Direct labor hours. The Offeror shall include, for each CLIN, the total proposed direct labor hours and direct labor hours broken down by proposed labor category.

L.6.3.2 Direct Labor Rates. The Offeror shall include, for each CLIN, the proposed direct labor rate for each proposed labor hour category.

L.6.3.3 Direct Labor cost for each CLIN (total dollar amount for wages and salaries only, with no fringe benefits or overhead).

L.6.3.4 Direct Material cost. The Offeror shall provide, for each CLIN, the direct material cost (for the top five material cost items, list by material name, vendor and dollar amount).

L.6.3.5 Cost for Subcontracted Services/Efforts. The Offeror shall provide an itemized list, for each CLIN, of subcontracted services/efforts over \$10,000 to include the subcontractor name, subcontract price, and the Offeror's narrative description of each subcontractor's effort.

L.6.3.6 Any other direct costs, for each CLIN, over \$5,000 (itemized by name/kind of other direct cost, supplier and dollar amount).

L.6.4 In addition to the "by-CLIN" breakout specified in L.6.3 above, also provide a composite cost element breakdown of all CLINs combined (Base and Option CLINs) as follows:

Total Material
Total Material Overhead
Total Labor
Total Labor Overhead
Total Subcontracted Services
Total Other Direct Costs
Total FCCM
Total G&A
Total Profit

L.6.5 Exchange Rate Information. All price information shall be stated in United States (U.S.) dollars only, for both the prime contractor and any potential subcontractors. If the basis for the proposal is any other currency, the Offeror shall:

- a. State the exchange rate(s) being used to convert any currency to U.S. dollars and how the exchange rate was developed.
- b. Explain how you intend to deal with the risk that fluctuation in exchange rates may impact this prospective contract

L.6.6 In addition to the above information, the Government reserves the right to request additional or more detailed price breakdown

CONTINUATION SHEET	Reference No. of Document Being Continued PIIN/SIIN W56HZV-13-R-0070 MOD/AMD 0001	Page 14 of 14
---------------------------	---	----------------------

Name of Offeror or Contractor:

data to support its determination of price reasonableness.

L.7 Proposal Terms and Conditions Volume

In this volume the offeror--

L.7.1 Shall include a scanned image of a signed copy of the SF33 cover page signed by a person authorized to sign proposals on behalf of the Offeror. Fill-in blocks that offeror must complete on the SF 33 prior to signing and scanning it include blocks 12, 13, 15A, 15B, 16, 17, and 18.

L.7.2 Shall include one copy of this solicitation (Sections A-K) with all fill-ins completed. Online Representations and Certifications Application (ORCA) certifications need not be separately submitted; however, in this event, please include a statement in Proposal Volume I indicating that an up-to-date set of reps and certs is complete in ORCA.

L.7.3 Shall include an affirmative statement that the offeror proposes to meet or comply with all the requirements of RFP Section C (SOW) as well as all solicitation clauses, Attachments and Appendices.

L.7.4 Shall include a statement specifying agreement with all terms, conditions, and provisions included in the solicitation or any exceptions. Any exceptions taken to the attachments, exhibits, enclosures, or other solicitation terms, conditions, or documents must be fully explained; however, any such exceptions may be grounds for the Contracting Officer to reject the proposal from further consideration in the source selection process, before initial evaluation. If an offeror should take any exceptions to the solicitation terms, conditions, or provisions the offeror shall contact the Contracting Officer via e-mail before submitting their proposal. Submit your request through Contract Specialist, Angela Hernandez at angela.c.hernandez6.civ@mail.mil.

L.7.5 Shall identify whether an Organizational Conflict of Interest (OCI) exists or the potential of an OCI may exist during the period of performance of this contract. Contractor is required to document its proposed mitigation plan in accordance with POTENTIAL ORGANIZATIONAL CONFLICTS OF INTEREST (OCI) FOR PROPOSED CONTRACT located in Narrative L.8 of this solicitation.

L.8 Organizational Conflict of Interest (OCI)

L.8.1 The provisions of FAR 9.5, Organizational Conflict of Interest (OCOI), apply to any award under this solicitation. Accordingly, potential Offerors should review their current and planned participation in any other Government contracts, subcontracts, consulting, or teaming arrangements where, if they were to be selected for award of this proposed contract, they may be in a position of actual or perceived bias or unfair competitive advantage. A common example with the potential for OCI is where an entity performs work both as a system contractor/subcontractor and as a Government support contractor for Government related programs.

L.8.2 Offerors should disclose any potential OCI situations to the Contracting Officer as soon as identified, including prior to proposal submission. The disclosure should include the facts and an analysis of the actual or perceived conflict and a recommended approach(es) to neutralize or mitigate the potential conflict. The preferred approach to potential conflicts is to negate/obviate the conflict. Mitigation is considered only if it is not practical to negate/obviate the conflict. The Contracting Officer will assess both the potential OCI and the Offeror's proposed strategy to negate or mitigate the OCI.

*** END OF NARRATIVE L0001 ***