

<b>AWARD/CONTRACT</b>		1. THIS CONTRACT IS A RATED ORDER UNDER DPAS (15 CFR 700)		RATING	PAGE OF PAGES 1   26		
2. CONTRACT (Proc. Inst Ident.) NO. HR0011-12-C-0031		3. EFFECTIVE DATE 01/18/2012		4. REQUISITION/PURCHASE REQUEST/PROJECT NO. 9271/00			
5. ISSUED BY DARPA CMO ATTN: PATRICIA MATYSKIELA 3701 NORTH FAIRFAX DRIVE ARLINGTON VA 22203-1714		CODE HR0011	6. ADMINISTERED BY (if other than Item 5) DCMA MANASSAS 10500 BATTLEVIEW PARKWAY SUITE 200 MANASSAS VA 20108-2342		CODE S2404A		
7. NAME AND ADDRESS OF CONTRACTOR (No., street city, county, state and zip code) SCIENCE APPLICATIONS INTERNATIONAL CORPO 1710 SAIC DR MC LEAN VA 22102-3703			8. DELIVERY <input type="checkbox"/> FOB ORIGIN <input checked="" type="checkbox"/> OTHER (See below)		9. DISCOUNT FOR PROMPT PAYMENT		
CODE 5UTPB FACILITY CODE			10. SUBMIT INVOICES (4 copies unless otherwise specified) TO THE ADDRESS SHOWN IN:		ITEM		
11. SHIP TO/MARK FOR DARPA MARK RICH STRATEGIC TECHNOLOGY OFFICE 3701 NORTH FAIRFAX DRIVE ARLINGTON VA 22203-1714		CODE HR0011	12. PAYMENT WILL BE MADE BY DFAS COLUMBUS CENTER SOUTH ENTITLEMENT OPERATIONS P.O. BOX 182264 COLUMBUS OH 43218-2264		CODE HQ0338		
13. AUTHORITY FOR USING OTHER THAN FULL AND OPEN COMPETITION: <input type="checkbox"/> 10 U.S.C. 2304(c) <input type="checkbox"/> 41 U.S.C. 253(c) <input type="checkbox"/>			14. ACCOUNTING AND APPROPRIATION DATA <b>See Schedule</b>				
15A. ITEM NO.	15B. SUPPLIES/ SERVICES	15C. QUANTITY	15D. UNIT	15E. UNIT PRICE	15F. AMOUNT		
<b>SEE SCHEDULE</b>							
<b>15G. TOTAL AMOUNT OF CONTRACT</b>					<b>\$7,949,078.00</b>		
16. TABLE OF CONTENTS							
(X)	SEC.	DESCRIPTION	PAGE(S)	(X)	SEC.	DESCRIPTION	PAGE(S)
PART I - THE SCHEDULE				PART II - CONTRACT CLAUSES			
X	A	SOLICITATION/ CONTRACT FORM	1	X	I	CONTRACT CLAUSES	21 - 25
X	B	SUPPLIES OR SERVICES AND PRICES/ COSTS	2 - 3	PART III - LIST OF DOCUMENTS, EXHIBITS AND OTHER ATTACHMENTS			
X	C	DESCRIPTION/ SPECS./ WORK STATEMENT	4 - 7	X	J	LIST OF ATTACHMENTS	26
X	D	PACKAGING AND MARKING	8	PART IV - REPRESENTATIONS AND INSTRUCTIONS			
X	E	INSPECTION AND ACCEPTANCE	9	K	REPRESENTATIONS, CERTIFICATIONS AND OTHER STATEMENTS OF OFFERORS		
X	F	DELIVERIES OR PERFORMANCE	10 - 13		OTHER STATEMENTS OF OFFERORS		
X	G	CONTRACT ADMINISTRATION DATA	14 - 16	L	INSTRS., CONDS., AND NOTICES TO OFFERORS		
X	H	SPECIAL CONTRACT REQUIREMENTS	17 - 20	M	EVALUATION FACTORS FOR AWARD		
CONTRACTING OFFICER WILL COMPLETE ITEM 17 OR 18 AS APPLICABLE							
17. <input checked="" type="checkbox"/> CONTRACTOR'S NEGOTIATED AGREEMENT (Contractor is required to sign this document and return copies to issuing office.) Contractor agrees to furnish and deliver all items or perform all the services set forth or otherwise identified above and on any continuation sheets for the consideration stated herein. The rights and obligations of the parties to this contract shall be subject to and governed by the following documents: (a) this award/contract, (b) the solicitation, if any, and (c) such provisions, representations, certifications, and specifications, as are attached or incorporated by reference herein. (Attachments are listed hereon.)				18. <input type="checkbox"/> AWARD (Contractor is not required to sign this document.) Your offer on Solicitation Number _____ including the additions or changes made by you which additions or changes are set forth in full above, is hereby accepted as to the items listed above and on any continuation sheets. This award consummates the contract which consists of the following documents: (a) the Government's solicitation and your offer, and (b) this award/contract. No further contractual document is necessary.			
19A. NAME AND TITLE OF SIGNER (Type or print) (b)(6) - Contracts Manager				20A. NAME OF CONTRACTING OFFICER TEL: _____ EMAIL: _____			
19B. NAME OF CONTRACTOR (b)(6)		19C. DATE SIGNED 1-17-2012		20B. UNITED STATES OF AMERICA (b)(6)		20C. DATE SIGNED 01/18/2012	
BY _____ (Signature of person authorized to sign)				BY _____ (Signature of Contracting Officer)			

Section B - Supplies or Services and Prices

ITEM NO	SUPPLIES/SERVICES	ESTIMATED COST	FIXED FEE	TOTAL EST. COST PLUS FIXED FEE
0001	<p>CBMEN Phase I and Phase II CPFF</p> <p>The contractor shall furnish the necessary personnel, material, facilities and other services as may be required to perform the tasks outlined in Attachment 1, Statement of Work dated 5 August 2011 and the contractor's technical proposal entitled, "Content-Based Mobile Edge Networking (CBMEN)".</p> <p>FOB: Destination</p>	(b)(4)		<p>\$7,949,078.00</p> <p>\$7,949,078.00</p>

ITEM NO	SUPPLIES/SERVICES	ESTIMATED COST	FIXED FEE	TOTAL EST. COST PLUS FIXED FEE
000101	<p>Funding for CLIN 0001 CPFF</p> <p>FOB: Destination AO No. 9271/00</p>	\$0.00	\$0.00	<p>\$0.00</p> <p>\$0.00</p>
	ACRN AA			\$904,628.00

ITEM NO	SUPPLIES/SERVICES	ESTIMATED COST	FIXED FEE	TOTAL EST. COST PLUS FIXED FEE
0002	Reports and Deliverables CPFF FOB: Destination	\$0.00	\$0.00	\$0.00 NSP

## Section C - Descriptions and Specifications

## CLAUSES INCORPORATED BY FULL TEXT

## Section C - Descriptions and Specifications

## CLAUSES INCORPORATED BY FULL TEXT

## C-1 Scope of Work

(a) The Contractor shall furnish the necessary personnel, materials, facilities, and other services as may be required to perform Contract Line Items (CLINs) 0001 through 0002, in accordance with the Statement of Work, Attachment 1 hereto. The work and services to be performed hereunder shall be subject to the requirements and standards contained in the Contractor's proposal entitled "Content-Based Mobile Edge Networking (CBMEN)" dated 05 August 2011, copies of which are in the possession of both parties.

(b) In the event of an inconsistency between the provisions of this contract and the Contractor's proposal, the inconsistency shall be resolved by giving precedence in the following order: (1) the contract, (2) the attachments to the contract, and then (3) the Contractor's proposal.

## C-2 Reports and Other Deliverables

(a) The Contractor shall submit the following reports and other deliverables in accordance with the delivery schedule set forth in Section F. Reports and other deliverables shall include an acknowledgment of the Government's support and a disclaimer in accordance with DFARS 252.235-7010 and shall be submitted in writing, as defined in FAR 2.101, or as specified below:

## (1) R&amp;D STATUS REPORT

This brief narrative, not to exceed five pages in length, shall contain the following:

- (i) For first report only; the date work actually started.
- (ii) Description of progress during the reporting period, supported by reasons for any change in approach reported previously
- (iii) Planned activities and milestones for the next reporting period.
- (iv) Description of any major items of experimental or special equipment purchased or constructed during the reporting period.
- (v) Notification of any changes in key personnel associated with the contract during the reporting period.
- (vi) Summary of substantive information derived from noteworthy trips, meetings, and special conferences held in connection with the contract during the reporting period.
- (vii) Summary of all problems or areas of concern.
- (viii) Related accomplishments since last report.
- (ix) Fiscal status, to include reporting of summary level financial data in the following format:  
(next page)

*\*Note 1: In accordance with DFARS 252.227-7013(e)(iii), the Contractor (Prime or Subcontractor) shall notify the Government, via the Monthly Status Report, of any data deliverables which will be furnished to the Government with less than Unlimited Rights that are in addition to those stipulated in Attachment 2 of the contract.*

R&D STATUS REPORT  
PROGRAM FINANCIAL STATUS

Work Breakdown	Cumulative to Date			At Completion		
Structure or Task Element	Planned Expend	Actual Expend	% Budget Compl	At Compl	Latest Revised Estimate	Remarks
Subtotal:	_____					
Management Reserve:	_____					
Or Unallocated Resources:	_____					
TOTAL:	=====					

Note: Budget at completion changes only with the amount of any scope changes. (Not affected by underrun or overrun)

Based on currently authorized work:

Is current funding sufficient for the current fiscal year (FY)? (Explain in narrative if "NO")

YES NO

What is the next FY funding requirement at current anticipated levels?

\$ \_\_\_\_\_

Have you included in the report narrative any explanation of the above data and are they cross-referenced?

YES NO

(2) FINAL REPORT

This report shall document the results of the complete effort and should be delivered at the completion of the contract. If the Government chooses to exercise the options under this contract, the due date for the final report is extended accordingly.

The Final Technical Report summary shall include:

- Task Objectives
- Technical Problems
- General Methodology (i.e., literature review, laboratory experiments, surveys, etc.)
- Technical Results
- Important Findings and Conclusions
- Significant Hardware Development
- Special Comments
- Implications for Further Research
- Standard Form 298, August 1998

(3) ALL REPORTS

(a) Reports delivered by the Contractor in the performance of the contract shall be considered "Technical Data" as defined in Section I contract clauses entitled "Rights in Technical Data – Noncommercial Items" and "Rights in Noncommercial Computer Software and Noncommercial Computer Software Documentation."

(b) Bulky Reports shall be mailed by other than first-class mail unless the urgency of submission requires use of first-class mail. In this situation, one copy shall be mailed first-class and the remaining copies forwarded by less than first-class.

(c) All technical reports must (i) be prepared in accordance with American National Standards Institute (ANSI) Standard Z39.19; (ii) include a Standard Form 298, August 1998; and (iii) be marked with an appropriate Distribution Statement.

(d) In accordance with DoD Directive 5230.24 dated 18 March 1987, the contractor shall assign a distribution statement for technical documents submitted to DTIC. Prior to submission of technical data to DTIC as per section F-3 of the contract, the contractor shall coordinate with the DARPA Program Manager and the DARPA Public Release Center (PRC) to determine the appropriate distribution statement. Inquires to DARPA Public Release Center (PRC) should be made via e-mail at [PRC@darpa.mil](mailto:PRC@darpa.mil).

***Note 2: As specified by DFARs Part 27, legends or notices on restricted technical or computer software need to be accurate, conspicuous, and legible. The legend must be placed on the transmittal document or storage container and on each page of the printed material. Additionally, the delivered restricted data must be highlighted, underscored, or identified with marks that separate them from the technical data or software that is being delivered to the Government without restrictive rights.***

(4) ADDITIONAL DELIVERABLES

The Contractor shall also deliver those items listed in section F-2 and adhere to the specific schedule, as applicable. Briefing materials (hard and soft copy) for all briefings given to the Government shall be provided in the Contractor's format.

C-3 Published Papers and Articles

(a) All papers and articles published as a result of DARPA sponsored research shall include a statement reflecting the sponsorship. In addition, a bibliography of the titles and authors of all such papers are to be included in the Final Technical Report.

(i) The cover or title page of each of the above reports or publications prepared will have the following citation:

Sponsored by  
Defense Advanced Research Projects Agency  
Strategic Technology Office (STO)  
Program: Content-Based Mobile Edge Networking (CBMEN)  
ARPA Order No. 9271/00, Program Code: 2410  
Issued by DARPA/CMO under Contract No. HR0011-12-C-0031

(ii) The title page shall include a disclaimer worded substantially as follows:

“The views and conclusions contained in this document are those of the authors and should not be interpreted as representing the official policies, either expressly or implied, or the Defense Advanced Research Projects Agency or the U.S. Government.”

Section D - Packaging and Marking

CLAUSES INCORPORATED BY FULL TEXT

D-1 Packaging and Marking

All items shall be preserved, packaged, packed and marked in accordance with best commercial practices to meet the packing requirements of the carrier, and to ensure safe delivery at destination.



## Section E - Inspection and Acceptance

## INSPECTION AND ACCEPTANCE TERMS

Supplies/services will be inspected/accepted at:

CLIN	INSPECT AT	INSPECT BY	ACCEPT AT	ACCEPT BY
0001	Destination	Government	Destination	Government
000101	N/A	N/A	N/A	N/A
0002	Destination	Government	Destination	Government

## Section F - Deliveries or Performance

## DELIVERY INFORMATION

CLIN	DELIVERY DATE	QUANTITY	SHIP TO ADDRESS	UIC
0001	30 mths. ADC		DARPA (b)(6) STRATEGIC TECHNOLOGY OFFICE 3701 NORTH FAIRFAX DRIVE ARLINGTON VA 22203-1714 (b)(6) FOB: Destination	HR0011
000101	30 mths. ADC		(SAME AS PREVIOUS LOCATION) FOB: Destination	HR0011
0002	30 mths. ADC		(SAME AS PREVIOUS LOCATION) FOB: Destination	HR0011

## CLAUSES INCORPORATED BY FULL TEXT

## F-1 Term of Contract

The term of the contract commences on the effective date of the contract and continues through thirty (30) months thereafter.

## F-2 Reports and Other Deliverables

Delivery of all reports and other deliverables shall be made to the addressee specified in F-3 entitled "Report Distribution" in accordance with the following:

**PHASE I – REPORTING DELIVERABLES**

DELIVERABLE DESCRIPTION	DUE DATE
Monthly R&D and Financial Status Report	Monthly , commencing 45 days from after award
Schedule Updates	Monthly , commencing 45 days from after award – Interim on IDE
Risk Database	Monthly , commencing 45 days from after award – Interim on IDE
Action Item Database	Monthly , commencing 45 days from after award – Interim on IDE
Transition Planning Documents	Quarterly, commencing 5 months after award
Integrated Development Environment (IDE)	45 days after award

**PHASE I – TECHNICAL DELIVERABLES**

<b>DELIVERABLE DESCRIPTION</b>	<b>DUE DATE</b>
Systems Requirements Report	3 months after award
Open Architecture Report	4 months after award
CBMEN Development Platform with up to 30 mobile needs	3 months after award
Three stable software drops will be delivered via SAIC's version control system. Continuously available via an Agile development process.	
Configuration Database	Interim, continuously available on IDE. Final 3 months after award
Up to eight development kits for TDs with five Nexus S and detailed documentation to install the development environment, including a source S/W package.	2 months after award
Interim Assessment Test Plan	First: 4 months after award Second: 7 months after award
Interim Assessment Report – for each TD product to be integrated.	First: 6 months after award, Second: 11 months after award
Phase I Performance Evaluation Plan	12 months after award
Phase I Performance Assessment	14 months after award

#### **PHASE II – REPORTING DELIVERABLES**

<b>DELIVERABLE DESCRIPTION</b>	<b>DUE DATE</b>
Monthly R&D and Financial Status Report	Monthly , commencing 15 months after award
Schedule Updates – more frequent updates available on IDE	Monthly , commencing 15 months after award
Risk Database	Monthly , commencing 15 months after award – Interim on IDE
Action Item Database	Monthly , commencing 15 months after award – Interim on IDE
Transition Planning Documents	Quarterly, commencing 20 months after award
Integrated Development Environment (IDE)	16 months after award

#### **PHASE II – TECHNICAL DELIVERABLES**

<b>DELIVERABLE DESCRIPTION</b>	<b>DUE DATE</b>
Systems Requirements Report	16 months after award
Updated Open Architecture Report	18 months after award
CBMEN Development Platform with up to 100 mobile needs	29 months after award
Three stable software drops will be delivered via SAIC's version control system. Continuously available via an Agile development process.	
Configuration Database	Interim, continuously available on IDE. Final 29 months after award
Up to eight development kits for TDs with five Nexus S and detailed documentation to install the development environment, including a source S/W package.	18 months after award
Interim Assessment Test Plan	First: 19 months after award Second: 20 months after award
Interim Assessment Report – for each TD product to be	First: 21 months after award, Second: 25 months after

integrated.	award
Phase II Performance Evaluation Plan	27 months after award
Phase II Performance Assessment	29 months after award

## F-3 Report Distribution

## (a) DARPA/Strategic Technology Office (STO)

Attn: (b)(6) (Program Manager)

3701 North Fairfax Drive

Arlington, VA 22203-1714

Email: (b)(6)

(one copy each report)

## (b) DARPA/CMO

Attn: (b)(6)

3701 North Fairfax Drive

Arlington, VA 22203-1714

Email: (b)(6)

(one copy each report)

## (c) DARPA/STO

Attn: (b)(6) ADPM

3701 North Fairfax Drive

Arlington, VA 22203-1714

Email: (b)(6)

(one copy each report)

## (d) Contracting Officer Representative (COR)

Attn: (b)(6)

SPAWAR Systems Center – Pacific

53560 Hull Street.

Code 55180, Bldg A35, Rm 120

San Diego, CA 92152

Email: (b)(6)

(b)(6)

## (e) DARPA/Research Services

3701 North Fairfax Drive

Arlington, VA 22203-1714

Email: [ResearchServices@darpa.mil](mailto:ResearchServices@darpa.mil)

(one copy of the Final Technical Report)

## (f) Defense Technical Information Center

(1) Email: [TR@dtic.mil](mailto:TR@dtic.mil)

(one electronic copy of the Final Technical Report, if unclassified)

OR

(2) Attn: DTIC-BCS

8725 John J. Kingman Road, Suite 0944

Fort Belvoir, VA 22060-0944

(two hard copies of the Final Technical Report if unclassified)

Note 1: For the Final Program Technical Report, the Contractor must also comply with the distribution requirements of DFARS 252.235-7011, as applicable.

Note 2: Interim Report submissions may be made electronically via email. Final Report submissions shall be made in hardcopy and CD softcopy.

F-4 Notice Regarding Late Delivery

In the event the Contractor anticipates difficulty in complying with the contract delivery schedule, the Contractor shall immediately notify the Contracting Officer in writing, giving pertinent details, including the date by which it expects to make delivery; PROVIDED, however, that this date shall be informational only in character and the receipt thereof shall not be construed as a waiver by the Government of any contract delivery schedule, or any rights or remedies provided by law or under this contract.



10260 Campus Point Dr., Mailstop A-1-C  
 San Diego, CA 92121

(d) For each invoice/cost voucher submitted for payment, the contractor shall also e-mail the WAWF automated invoice notice directly to the following points of contact:

Name	E-mail	Phone	Role
(b)(6)			Contracting Officer
			Contracting Officer's Representative (COR)

G-3 Delegation of Authority for Contract Administration

DCMA Manassas (DoDACC S2404A), is hereby designated as the Contracting Officer's authorized representative for administering this contract in accordance with current directives.

G-4 Contracting Officer's Representative (COR)

(a) Performance of work under this contract shall be subject to the technical direction of (b)(6) SPAWAR Systems Center – Pacific, 53560 Hull Street, Code 55180, Bldg A35, Rm 120, San Diego, CA 92152, telephone (b)(6) e-mail: (b)(6). Such technical direction includes those instructions to the Contractor necessary to accomplish the Statement of Work. The COR is not otherwise authorized to make any representations or commitments of any kind on behalf of the Contracting Officer or the Government. The COR does not have the authority to alter the Contractor's obligations or to change the specifications of the contract.

(b) Technical direction shall not include any direction which:

- (1) Constitutes additional work outside the scope of work;
- (2) Constitutes a change as defined in Section I contract clause entitled "Changes";
- (3) In any manner causes an increase or decrease in the total estimated cost or the time required for contract performance; or
- (4) Changes any of the stated terms, conditions, or specifications of the contract.

G-5 252.204-0004 Line Item Specific: by Fiscal Year (SEP 2009)

The payment office will make payment using the oldest fiscal year appropriations first, exhausting all funds in the previous fiscal year before disbursing from the next fiscal year. In the event there is more than one ACRN associated with the same fiscal year, the payment amount shall be disbursed from each ACRN within a fiscal year in the same proportion as the amount of funding obligated for each ACRN within the fiscal year.

G-6 Allotment of Funds

It is hereby understood and agreed upon that the contract will not exceed a total cost plus fixed fee of (b)(4) including an estimated cost of (b)(4) and a fixed fee of (b)(4). The total amount presently available for payment and allotted to the base period of the contract is (b)(4) including an estimated cost of (b)(4) and a fixed fee of (b)(4). It is estimated that the funds presently allotted of (b)(4) is sufficient to permit the contractor's performance through 28 March 2012. Except in accordance with the Section I clause FAR 52.232-22, "Limitation of Funds," no legal liability of the part of the Government for payment of any money in excess of \$904,628 shall arise unless and until additional funds are made available by the Contracting Officer through a modification to this contract.

G-7 Payment of Cost and Fee

(a) As consideration for the proper performance of work required under this contract, the Contractor shall be paid as follows:

(1) Costs, as provided for under Section I contract clause titled "Allowable Cost and Payment" not to exceed the amount set forth as "Total Estimated Cost" in Section B, and subject further to those Section I clauses entitled "Limitation of Cost" or "Limitation of Funds".

(2) A fixed fee in the amount set forth as "Fixed Fee" in Section B, in accordance with the Section I contract clause entitled "Fixed Fee". The Contractor may bill on each invoice the amount of the fixed fee bearing the same percentage to the total fixed fee as the amount of cost billed bears to the total estimated cost.



Section H - Special Contract Requirements

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H-1 Contracting Officer

Notwithstanding any other provision of this contract, the Contracting Officer is the only individual authorized to redirect the effort or in any way amend or modify any of the terms of this contract. If, as a result of technical discussions, it is desirable to alter contract obligations or statement of work, a modification must be issued in writing and signed by the Contracting Officer.

H-2 Type of Contract

This is a Cost Plus Fixed Fee (CPFF) completion type of contract.

H-3 Public Release or Dissemination of Information

(1) At this time, DARPA expects the work performed under this contract will NOT be fundamental research, and it is, therefore, subject to the following publication restrictions:

There shall be no dissemination or publication, except within and between the Contractor and any subcontractors, of information developed under this contract or contained in the reports to be furnished pursuant to this contract without prior written approval, which will be communicated to the Contractor by email through the DARPA Public Release Center (PRC) at PRC@darpa.mil. All technical reports will be given proper review by appropriate authority to determine which Distribution Statement is to be applied prior to the initial distribution of these reports by the Contractor. These restrictions must be flowed down to all subcontractors. Any publications shall incorporate an Acknowledgement of Support and Disclaimer in accordance with DFARS 252.235-7010.

(2) When submitting material for written approval for open publication as described in subparagraph (a) above, the Contractor must submit a request for public release request to the PRC and include the following information: 1) Document Information: document title, document author, short plain-language description of technology discussed in the material (approx 30 words), number of pages (or minutes of video) and document type (briefing, report, abstract, article, or paper); 2) Event Information: event type (conference, principle investigator meeting, article or paper), event date, desired date for DARPA's approval; 3) DARPA Sponsor: DARPA Program Manager, DARPA office, and contract number; and 4) Contractor's Information: POC name, e-mail and phone. Allow four weeks for processing; due dates under four weeks require a justification. Unusual electronic file formats may require additional processing time. Requests can be sent either via e-mail to PRC@darpa.mil or via hard copy to 3701 North Fairfax Drive, Arlington VA 22203-1714, telephone (571) 218-4235. Refer to [http://www.darpa.mil/NewsEvents/Public\\_Release\\_Center/Public\\_Release\\_Center.aspx](http://www.darpa.mil/NewsEvents/Public_Release_Center/Public_Release_Center.aspx) for information about DARPA's public release process.

H-4 Key Personnel

The Contractor shall notify the Contracting Officer prior to making any change in key personnel. Key personnel are defined as follows:

Name	Title
(b)(4),(b)(6)	

(b)(4),(b)(6)

(b) The Contractor must demonstrate that the qualifications of the prospective personnel are equal to or better than the qualifications of the personnel being replaced. Notwithstanding any of the foregoing provisions, key personnel shall be furnished unless the Contractor has demonstrated to the satisfaction of the COR that the qualifications of the proposed substitute personnel are equal to or better than the qualifications of the personnel being replaced.

#### H-5 Restrictions on Printing

Unless otherwise authorized in writing by the Contracting Officer, reports, data, or other written material produced using funds provided by this contract and submitted hereunder shall be reproduced only by duplicating processes and shall not exceed 5,000 single page reports or a total of 25,000 pages of a multiple-page report. These restrictions do not preclude the writing, editing, preparation of manuscript or reproducible copy of related illustrative materials if required as part of this contract, or incidental printing such as forms or materials necessary to be used by the Contractor to respond to the terms of the contract.

#### H-6 Contractor Representations and Certifications

The Contractor's Representations and Certifications dated 22 November 2011 (ORCA submission), as supplemented on 29 November 2011, are incorporated herein by reference.

#### H-7 Insurance Schedule

The Contractor shall maintain the types of insurance listed in FAR 28.307-2 (a), (b) and (c), with the minimum amounts of liability indicated therein. The types of insurance coverage listed in paragraphs (d) and (e) shall also be maintained when applicable.

#### H-8 Travel

(a) University Performers: Reimbursement for travel-related expenses shall be as stipulated in OMB Circular A-21 (2 CFR 220) as prescribed by FAR Part 31.3.

(b) Non-Profit Performers: Reimbursement for travel-related expenses shall be as stipulated in OMB Circular A-122 (2 CFR 230) as prescribed by FAR Part 31.7

(c) Non-University/For-Profit Performers: Reimbursement for travel-related expenses shall be in accordance with the Contractor's approved travel policy. The Federal Travel Regulations, Joint Travel Regulations (JTR), and Standardized Regulations as stated in FAR 31.205-46 will be used as a guide in determining reasonableness of per diem costs. Costs for travel shall be allowable subject to the provisions of FAR 31.205-46.

(d) In connection with direct charge to the contract of travel-related expenses, the Contractor shall hold travel to the minimum required to meet the objectives of the contract, and substantial deviations from the amount of travel agreed to during contract negotiation shall not be made without the authorization of the Contracting Officer.

When applicable, the Contractor shall notify the COR of proposed travel of an employee beyond that agreed to during negotiations.

(e) Approval of the Contracting Officer shall be obtained in advance for attendance by personnel at training courses, seminars, and other meetings not directly related to contract performance if the costs for the courses, seminars, and other meetings are charged to the contract.

(f) All foreign travel shall be authorized and approved in advance, in writing, by the Contracting Officer. Request for such travel must be submitted to the Contracting Officer at least forty-five (45) days in advance of traveler's anticipated departure date, and shall include traveler's itinerary of United States Flag Air Carriers.

#### H-9 Metric System

(a) The Defense Advanced Research Projects Agency (DARPA) will consider the use of the metric system in all of its activities consistent with operational, economical, technical and safety requirements.

(b) The metric system will be considered for use in all new designs. When it is deemed not to be in the best interest of the DoD to provide metric design, justification shall be provided.

(c) Physical and operational interfaces between metric items and U.S. customary items will be designed to assure that interchangeability and interoperability will not be affected.

(d) Existing designs dimensioned in U.S. customary units will be converted to metric units only if determined to be necessary or advantageous. Unnecessary retrofit of existing systems with new metric components will be avoided where both the new metric and existing units are interchangeable and interoperable. Normally, the system of measurement in which an item is originally designed will be retained for the life of the item.

(e) During the metric transition phase hybrid metric and U.S. customary designs will be necessary and acceptable. Material components, parts, subassemblies, and semi-fabricated material, which are of adequate or when it is otherwise specifically determined to be in the best interest of the Department of Defense. Bulk materials will be specified and accepted in metric units when it is expedient or economical to do so.

(f) Technical reports, studies, and position papers, (except those pertaining to items dimensioned in U.S. customary units) will include metric units of measurement in addition to or in lieu of U.S. customary units. With respect to existing contracts, this requirement applies only if such documentation can be obtained without an increase in contract costs.

(g) Use of the dual dimensions (i.e., both metric and U.S. customary dimensions) on drawings will be avoided unless it is determined in specific instances that such usage will be beneficial. However, the use of tables on the document to translate dimensions from one system of measurement to the other is acceptable.

#### H-10 Small Business Subcontracting Plan and Goals

The Contractor's Master Subcontracting Plan entitled, "Science Applications International Corporation Master Subcontracting Plan," dated 04 January 2012, covering the period 01 January 2012 through 31 December 2014 and the Contractor's Individual Subcontracting Plan, entitled, "Small/Small Disadvantaged/Women-Owned/HUBZone/HBCU/MI/Veteran-Owned/Service Disabled Veteran-Owned Businesses Individual Subcontracting Plan," dated, 11 January 2012, are incorporated herein and made a part of this contract by reference.

#### H-11 Contractor-Acquired Property (Equipment)

(a) The Contractor is authorized to acquire the equipment listed in Attachment 3, which are needed to accomplish this contract. The Contractor may make minor changes to substitute functionally equivalent items when necessitated by parts availability, to take advantage of cost savings opportunities, or where needed to overcome obsolescence issues.

(b) The costs incurred by the Contractor in acquiring the equipment listed in paragraph (a) above shall be considered allowable costs under the contract provided that the total net amount of the equipment does not exceed (b)(4). The Contractor shall have no obligation to acquire equipment and the Government shall have no obligation to reimburse any amount for equipment in excess of the amount set forth above unless the contract is modified to increase this amount.

(c) The equipment listed above shall be considered Government Property and shall be subject to the provisions of FAR 52.245-1, incorporated by reference in Section I.

(d) The Contractor shall not use Contractor-acquired property listed above for work other than that performed pursuant to this contract unless so authorized in writing by the Contracting Officer.

#### H-12 Proprietary Technical Data and Computer Software

Any deliverable technical data or computer software developed or generated at private expense and considered to be proprietary by the Contractor or subcontractors shall be delivered in accordance with DFARS 252.227-7013 and 252.227-7014. A list of such data and/or software is incorporated into the contract as Attachment No. 2.

#### H-13 Contractor Code of Business Ethics

The "agency Office of the Inspector General" referenced in FAR clause 52.203-13, "Contractor Code of Business Ethics" (APRIL 2010) contained in Section I of this Contract, shall be the Department of Defense Office of the Inspector General (DoD OIG). Contact information is as follows:

Office of the Inspector General  
United States Department of Defense  
Investigative Policy and Oversight  
Contract Disclosure Program  
400 Army Navy Drive, Suite 1037  
Arlington, VA 22202-4704  
Toll Free Telephone: 866-429-8011

#### H-14 Invention Disclosure Reports (DFARS 252.227-7038)

All written communication required by this clause shall be submitted to the Administrative Contracting Officer (ACO). All required reporting (invention disclosures, patent disclosures, etc.) shall be accomplished using the i-Edison.gov reporting website (<https://s-edison.info.nih.gov/iEdison/>).

## Section I - Contract Clauses

## CLAUSES INCORPORATED BY REFERENCE

52.202-1	Definitions	JUL 2004
52.203-3	Gratuities	APR 1984
52.203-5	Covenant Against Contingent Fees	APR 1984
52.203-6	Restrictions On Subcontractor Sales To The Government	SEP 2006
52.203-7	Anti-Kickback Procedures	OCT 2010
52.203-8	Cancellation, Rescission, and Recovery of Funds for Illegal or Improper Activity	JAN 1997
52.203-10	Price Or Fee Adjustment For Illegal Or Improper Activity	JAN 1997
52.203-12	Limitation On Payments To Influence Certain Federal Transactions	OCT 2010
52.203-13	Contractor Code of Business Ethics and Conduct	APR 2010
52.203-14	Display of Hotline Poster(s)	DEC 2007
52.204-2	Security Requirements	AUG 1996
52.204-4	Printed or Copied Double-Sided on Postconsumer Fiber Content Paper	MAY 2011
52.204-7	Central Contractor Registration	APR 2008
52.209-6	Protecting the Government's Interest When Subcontracting With Contractors Debarred, Suspended, or Proposed for Debarment	DEC 2010
52.215-2	Audit and Records--Negotiation	OCT 2010
52.215-8	Order of Precedence--Uniform Contract Format	OCT 1997
52.215-10	Price Reduction for Defective Certified Cost or Pricing Data	AUG 2011
52.215-12	Subcontractor Certified Cost or Pricing Data	OCT 2010
52.215-13	Subcontractor Certified Cost or Pricing Data--Modifications	OCT 2010
52.215-14	Integrity of Unit Prices	OCT 2010
52.215-15	Pension Adjustments and Asset Reversions	OCT 2010
52.215-16	Facilities Capital Cost of Money	JUN 2003
52.215-18	Reversion or Adjustment of Plans for Postretirement Benefits (PRB) Other than Pensions	JUL 2005
52.215-19	Notification of Ownership Changes	OCT 1997
52.215-21	Requirements for Certified Cost or Pricing Data or Information Other Than Certified Cost or Pricing Data--Modifications	OCT 2010
52.216-7	Allowable Cost And Payment	JUN 2011
52.216-8	Fixed Fee	JUN 2011
52.219-4	Notice of Price Evaluation Preference for HUBZone Small Business Concerns	JAN 2011
52.219-8	Utilization of Small Business Concerns	JAN 2011
52.219-28	Post-Award Small Business Program Rerepresentation	APR 2009
52.222-3	Convict Labor	JUN 2003
52.222-21	Prohibition Of Segregated Facilities	FEB 1999
52.222-22	Previous Contracts And Compliance Reports	FEB 1999
52.222-26	Equal Opportunity	MAR 2007
52.222-35	Equal Opportunity for Veterans	SEP 2010
52.222-36	Affirmative Action For Workers With Disabilities	OCT 2010
52.222-37	Employment Reports on Veterans	SEP 2010
52.222-40	Notification of Employee Rights Under the National Labor Relations Act	DEC 2010
52.222-50	Combating Trafficking in Persons	FEB 2009

52.222-54	Employment Eligibility Verification	JAN 2009
52.223-6	Drug-Free Workplace	MAY 2001
52.223-18	Encouraging Contractor Policies To Ban Text Messaging While Driving	AUG 2011
52.225-13	Restrictions on Certain Foreign Purchases	JUN 2008
52.226-1	Utilization Of Indian Organizations And Indian-Owned Economic Enterprises	JUN 2000
52.227-1 Alt I	Authorization And Consent (Dec 2007) - Alternate I	APR 1984
52.227-2	Notice And Assistance Regarding Patent And Copyright Infringement	DEC 2007
52.227-10	Filing Of Patent Applications--Classified Subject Matter	DEC 2007
52.228-7	Insurance--Liability To Third Persons	MAR 1996
52.230-2	Cost Accounting Standards	OCT 2010
52.230-6	Administration of Cost Accounting Standards	JUN 2010
52.232-9	Limitation On Withholding Of Payments	APR 1984
52.232-17	Interest	OCT 2010
52.232-20	Limitation Of Cost	APR 1984
52.232-22	Limitation Of Funds	APR 1984
52.232-23	Assignment Of Claims	JAN 1986
52.232-25	Prompt Payment	OCT 2008
52.232-33	Payment by Electronic Funds Transfer--Central Contractor Registration	OCT 2003
52.233-1	Disputes	JUL 2002
52.233-3 Alt I	Protest After Award (Aug 1996) - Alternate I	JUN 1985
52.242-1	Notice of Intent to Disallow Costs	APR 1984
52.242-3	Penalties for Unallowable Costs	MAY 2001
52.242-4	Certification of Final Indirect Costs	JAN 1997
52.242-13	Bankruptcy	JUL 1995
52.242-15 Alt I	Stop-Work Order (Aug 1989) - Alternate I	APR 1984
52.243-2 Alt V	Changes--Cost-Reimbursement (Aug 1987) - Alternate V	APR 1984
52.244-2	Subcontracts	OCT 2010
52.244-5	Competition In Subcontracting	DEC 1996
52.244-6	Subcontracts for Commercial Items	DEC 2010
52.245-1	Government Property	AUG 2010
52.245-9	Use And Charges	AUG 2010
52.246-23	Limitation Of Liability	FEB 1997
52.249-6	Termination (Cost Reimbursement)	MAY 2004
52.249-14	Excusable Delays	APR 1984
52.253-1	Computer Generated Forms	JAN 1991
252.201-7000	Contracting Officer's Representative	DEC 1991
252.203-7000	Requirements Relating to Compensation of Former DoD Officials	SEP 2011
252.203-7001	Prohibition On Persons Convicted of Fraud or Other Defense-Contract-Related Felonies	DEC 2008
252.203-7002	Requirement to Inform Employees of Whistleblower Rights	JAN 2009
252.204-7000	Disclosure Of Information	DEC 1991
252.204-7003	Control Of Government Personnel Work Product	APR 1992
252.204-7004 Alt A	Central Contractor Registration Alternate A	SEP 2007
252.204-7005	Oral Attestation of Security Responsibilities	NOV 2001
252.204-7006	Billing Instructions	OCT 2005
252.204-7008	Export-Controlled Items	APR 2010
252.205-7000	Provision Of Information To Cooperative Agreement Holders	DEC 1991
252.209-7004	Subcontracting With Firms That Are Owned or Controlled By The Government of a Terrorist Country	DEC 2006

252.211-7003	Item Identification and Valuation	JUN 2011
252.211-7007	Reporting of Government-Furnished Equipment in the DoD Item Unique Identification (IUID) Registry	NOV 2008
252.211-7008	Use of Government-Assigned Serial Numbers	SEP 2010
252.215-7000	Pricing Adjustments	DEC 1991
252.215-7002	Cost Estimating System Requirements	MAY 2011
252.222-7006	Restrictions on the Use of Mandatory Arbitration Agreements	DEC 2010
252.223-7004	Drug Free Work Force	SEP 1988
252.225-7001	Buy American Act And Balance Of Payments Program	OCT 2011
252.225-7002	Qualifying Country Sources As Subcontractors	APR 2003
252.225-7004	Report of Intended Performance Outside the United States and Canada--Submission after Award	OCT 2010
252.225-7006	Quarterly Reporting of Actual Contract Performance Outside the United States	OCT 2010
252.225-7012	Preference For Certain Domestic Commodities	JUN 2010
252.226-7001	Utilization of Indian Organizations and Indian-Owned Economic Enterprises, and Native Hawaiian Small Business Concerns	SEP 2004
252.227-7000	Non-estoppel	OCT 1966
252.227-7013	Rights in Technical Data--Noncommercial Items	SEP 2011
252.227-7014	Rights in Noncommercial Computer Software and Noncommercial Computer Software Documentation	MAR 2011
252.227-7015	Technical Data--Commercial Items	SEP 2011
252.227-7016	Rights in Bid or Proposal Information	JAN 2011
252.227-7019	Validation of Asserted Restrictions--Computer Software	SEP 2011
252.227-7027	Deferred Ordering Of Technical Data Or Computer Software	APR 1988
252.227-7030	Technical Data--Withholding Of Payment	MAR 2000
252.227-7037	Validation of Restrictive Markings on Technical Data	SEP 2011
252.227-7038	Patent Rights--Ownership by the Contractor (Large Business)	DEC 2007
252.231-7000	Supplemental Cost Principles	DEC 1991
252.232-7001	Disposition Of Payment	DEC 1991
252.232-7003	Electronic Submission of Payment Requests and Receiving Reports	MAR 2008
252.232-7010	Levies on Contract Payments	DEC 2006
252.235-7011	Final Scientific or Technical Report	NOV 2004
252.239-7001	Information Assurance Contractor Training and Certification	JAN 2008
252.242-7004	Material Management And Accounting System	MAY 2011
252.242-7006	Accounting System Administration	MAY 2011
252.243-7002	Requests for Equitable Adjustment	MAR 1998
252.244-7000	Subcontracts for Commercial Items and Commercial Components (DoD Contracts)	SEP 2011
252.245-7000	Government-Furnished Mapping, Charting, and Geodesy Property	DEC 1991
252.245-7001	Tagging, Labeling, and Marking of Government-Furnished Property	FEB 2011
252.245-7002	Reporting Loss of Government Property	FEB 2011
252.245-7003	Contractor Property Management System Administration	MAY 2011
252.247-7023	Transportation of Supplies by Sea	MAY 2002
252.247-7024	Notification Of Transportation Of Supplies By Sea	MAR 2000

CLAUSES INCORPORATED BY FULL TEXT

## 52.222-2 PAYMENT FOR OVERTIME PREMIUMS (JUL 1990)

(a) The use of overtime is authorized under this contract if the overtime premium cost does not exceed 0.00 or the overtime premium is paid for work --

- (1) Necessary to cope with emergencies such as those resulting from accidents, natural disasters, breakdowns of production equipment, or occasional production bottlenecks of a sporadic nature;
- (2) By indirect-labor employees such as those performing duties in connection with administration, protection, transportation, maintenance, standby plant protection, operation of utilities, or accounting;
- (3) To perform tests, industrial processes, laboratory procedures, loading or unloading of transportation conveyances, and operations in flight or afloat that are continuous in nature and cannot reasonably be interrupted or completed otherwise; or
- (4) That will result in lower overall costs to the Government.

(b) Any request for estimated overtime premiums that exceeds the amount specified above shall include all estimated overtime for contract completion and shall--

- (1) Identify the work unit; e.g., department or section in which the requested overtime will be used, together with present workload, staffing, and other data of the affected unit sufficient to permit the Contracting Officer to evaluate the necessity for the overtime;
- (2) Demonstrate the effect that denial of the request will have on the contract delivery or performance schedule;
- (3) Identify the extent to which approval of overtime would affect the performance or payments in connection with other Government contracts, together with identification of each affected contract; and
- (4) Provide reasons why the required work cannot be performed by using multishift operations or by employing additional personnel.

(End of clause)

## 52.233-4 APPLICABLE LAW FOR BREACH OF CONTRACT CLAIM (OCT 2004)

United States law will apply to resolve any claim of breach of this contract.

(End of clause)

## 52.247-1 COMMERCIAL BILL OF LADING NOTATIONS (FEB 2006)

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

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



"Transportation is for the Defense Advanced Research Projects Agency (DARPA) and the actual total transportation charges paid to the carrier(s) by the consignor or consignee are assignable to, and shall be reimbursed by, the Government."

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

"Transportation is for the Defense Advanced Research Projects Agency (DARPA) and the actual total transportation charges paid to the carrier(s) by the consignor or consignee shall be reimbursed by the Government, pursuant to cost-reimbursement contract no. HR0011-12-C-0031. This may be confirmed by contacting the Administrative Contracting Officer (ACO) at the cognizant DCMA office."

(End of clause)

#### 52.252-2 CLAUSES INCORPORATED BY REFERENCE (FEB 1998)

This contract incorporates one or more clauses by reference, with the same force and effect as if they were given in full text. Upon request, the Contracting Officer will make their full text available. Also, the full text of a clause may be accessed electronically at this/these address(es):

<https://farsite.hill.af.mil>

(End of clause)

#### 52.252-6 AUTHORIZED DEVIATIONS IN CLAUSES (APR 1984)

(a) The use in this solicitation or contract of any Federal Acquisition Regulation (48 CFR Chapter 1) clause with an authorized deviation is indicated by the addition of "(DEVIATION)" after the date of the clause.

(b) The use in this solicitation or contract of any Defense Federal Acquisition Regulation Supplement (48 CFR Chapter 2) clause with an authorized deviation is indicated by the addition of "(DEVIATION)" after the name of the regulation.

(End of clause)

#### 252.235-7010 Acknowledgment of Support and Disclaimer. (MAY 1995)

(a) The Contractor shall include an acknowledgment of the Government's support in the publication of any material based on or developed under this contract, stated in the following terms: This material is based upon work supported by the [name of contracting agency(ies)] under Contract No. [Contracting agency(ies) contract number(s)].

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

## Section J - List of Documents, Exhibits and Other Attachments

## Exhibit/Attachment Table of Contents

DOCUMENT TYPE	DESCRIPTION	PAGES	DATE
Attachment 1	CBMEN MSI Statement of Work	5	05-AUG-2011
Attachment 2	Assertion of Data Rights	3	12-JAN-2012
Attachment 3	Contractor Aquired Property	1	29-NOV-2011

**ATTACHMENT 1  
STATEMENT OF WORK  
CBMEN MSI  
05 AUGUST 2011**

**SAIC CBMEN MSI STATEMENT OF WORK**

CBMEN MSI Statement of Work – Phase 1					
WBS/ Objective	Detailed Task Description	Team/ Duration	Dependencies	Completion Criteria	Deliverables
1.0/ Phase 1	The contractor shall provide the necessary services and materials to perform the following tasks for Phase 1 of the DARPA CBMEN MSI task. The Phase 1 effort shall be completed within a 15 month POP.	M/ 15 months	◆ Contract award	◆ Successful completion of all sub-tasks.	◆ See detailed WBS elements
1.1/ CBMEN System Development and Integration	The contractor shall establish Demonstrator platforms. The contractor shall conduct requirements analysis, management and document results; Refine, develop and maintain an open architecture for CBMEN; Procure, Integrate and maintain CBMEN hardware; Develop, integrate and maintain CBMEN software; Integrate test instrumentation for performance evaluation; Support the performance evaluation team in integrating hardware and software mechanisms to support performance evaluation; Develop and document the architecture, APIs, and design, and maintain the artifacts over the life of the CBMEN program.	DT/ 14 months	◆ iCORE IDE operational to document engineering artifacts	◆ Baseline requirements documented; ◆ CBMEN networking architecture documented; ◆ 40 smartphones for system level development; ◆ Operational Demonstrator platforms; ◆ Test instrumentation integrated	◆ System Requirements Report; ◆ CBMEN Networking Architecture; ◆ CBMEN Development platform with up to 30 mobile nodes; ◆ Smartphone H/W; ◆ Up to 8 Demonstrator kits for Technology Developers & Govt
1.2/ Technology Development Team Provisioning and Interaction	The contractor shall provide each TD with development environments and test kits, refine and maintain them. Development systems will include facilities (hardware and software) to support development and test. The provided MANET H/W, S/W, and development Demonstrator platforms to each TD environments shall be suitable for developing, hosting, and evaluating CBMEN technologies. Contractor shall support the TD H/W and S/W infrastructure needs; Conduct interaction and interchange meetings with TDs on the MSI provided technology, development kits and development environment; Coordinate with TDs on evaluations; Document the development environment, development kits, interchange meetings and maintain the artifacts.	TI/ 13 months	◆ CBMEN Development platform requirements established ◆ CBMEN Development platform architecture established ◆ CBMEN Demonstrator platform established ◆ Assumption: Five Smartphones for each TD, up to 8 TDs (40 total).	◆ Each TD provisioned with Development Platform kits; ◆ TD needs identified and provisioned; ◆ Thorough understanding of interface requirements with TDs; ◆ Development environment, & kit produced; ◆ Configuration management & technical notes captured	◆ Up to 8 Demonstrator kits for Technology Developers & Govt ◆ Minutes & notes from technical meetings with TDs. ◆ Configuration database
1.3/ System Interim Assessments	The contractor shall conduct interim assessments of progress and capabilities. The contractor shall develop Interim Assessment Test Plans/Test Cases; Measurement of system metrics shall be included; The test cases used for the interim self-assessments will be derived from the baseline evaluation	TE/ 8 months	◆ CBMEN Demonstrator platform kits delivered and environments established; ◆ Each TD provisioned	◆ Interim Assessment test plans prepared; ◆ Initial models completed; ◆ Interim test scenarios completed;	◆ Interim Assessment Test Plans/Test Cases ◆ Modeling & simulation results

**ATTACHMENT 1  
STATEMENT OF WORK  
CBMEN MSI  
05 AUGUST 2011**

CBMEN MSI Statement of Work – Phase 1					
WBS/ Objective	Detailed Task Description	Team/ Duration	Dependencies	Completion Criteria	Deliverables
	scenarios developed jointly across the program participants. The contractor shall develop and establish a test environment for interim assessment; Model the MANET and TD software to the extent necessary to assess system performance. Support Government assessments and evaluations with modeling and simulation. The contractor shall conduct two Interim Assessments in Phase I to provide early insight into technology development and identify possible adjustments/changes to further development efforts across the program. The contractor shall document test environment, scenarios and test results of interim assessments and provide reports.		with Development Platform kits;	<ul style="list-style-type: none"> <li>◆ Interim tests conducted;</li> <li>◆ Interim test reports prepared</li> </ul>	<ul style="list-style-type: none"> <li>◆ Test Environment Scenarios</li> <li>◆ Interim Test Report</li> </ul>
1.4/ Phase 1 Demonstration	The contractor shall prepare for, support and participate in a CBMEN evaluation. The contractor shall conduct Phase I evaluation planning and coordination; prepare test/evaluation plans; execute a test, evaluation and demonstration effort for Phase 1; collect data and analyze results of the evaluation; Develop and maintain artifacts.	TE/ 4 months	<ul style="list-style-type: none"> <li>◆ Demonstrator system with 30 mobile nodes and TD content-based applications installed</li> <li>◆ Assumption: Evaluation occurs at Fort Bliss, TX.</li> <li>◆ Contract award</li> </ul>	<ul style="list-style-type: none"> <li>◆ Phase 1 evaluation plan prepared;</li> <li>◆ Site visit conducted for evaluation planning</li> <li>◆ Evaluation conducted</li> <li>◆ Phase 1 test report prepared</li> <li>◆ IDE established;</li> <li>◆ Tech &amp; Mgmt reports submitted;</li> <li>◆ Master schedule updated weekly;</li> <li>◆ Risk reports updated weekly;</li> <li>◆ Action items completed;</li> <li>◆ Other management reports and planning conducted timely and accurately</li> </ul>	<ul style="list-style-type: none"> <li>◆ Phase 1 Evaluation Plan</li> <li>◆ Phase Evaluation Test Report</li> </ul>
1.5/ Technical Meetings and Management	Participate in all program meetings with appropriate personnel including KO, PDR, TIMS, TRR & PI; Manage project; Maintain document repository with online access to all program participants.	M/ 15 months		<ul style="list-style-type: none"> <li>◆ IDE established;</li> <li>◆ Tech &amp; Mgmt reports submitted;</li> <li>◆ Master schedule updated weekly;</li> <li>◆ Risk reports updated weekly;</li> <li>◆ Action items completed;</li> <li>◆ Other management reports and planning conducted timely and accurately</li> <li>◆ Scenarios developed</li> <li>◆ Challenge problems developed</li> <li>◆ Metric study conducted</li> <li>◆ Scalability analysis support</li> <li>◆ Content-rich applications identified and selected</li> </ul>	<ul style="list-style-type: none"> <li>◆ iCORE IDE for use by all participating CBMEN TDs and Govt;</li> <li>◆ Monthly Technical &amp; Management Reports;</li> <li>◆ Master schedule;</li> <li>◆ Risk reports;</li> <li>◆ Action Item reports;</li> <li>◆ Transition plans</li> <li>◆ Scenarios</li> <li>◆ Challenge Problems</li> <li>◆ Metrics Analysis Report</li> <li>◆ Scalability Analysis</li> <li>◆ Content-rich applications</li> </ul>
1.6/ Support Performance Evaluation Team	Development of Scenarios and Challenge Problems; Participate in Government Led working group; Conduct metrics study; Support scalability analysis; Select and integrate content rich applications; Document work;	DT/ 14 months	<ul style="list-style-type: none"> <li>◆ Contract award</li> <li>◆ Requirements identified</li> <li>◆ CBMEN Development platform with up to 30 mobile nodes;</li> </ul>	<ul style="list-style-type: none"> <li>◆ Scenarios developed</li> <li>◆ Challenge problems developed</li> <li>◆ Metric study conducted</li> <li>◆ Scalability analysis support</li> <li>◆ Content-rich applications identified and selected</li> </ul>	<ul style="list-style-type: none"> <li>◆ Scenarios</li> <li>◆ Challenge Problems</li> <li>◆ Metrics Analysis Report</li> <li>◆ Scalability Analysis</li> <li>◆ Content-rich applications</li> </ul>
	DT = Demonstration Platform Team	TI = Technology Integration Team	TE = Test & Evaluation Team	M = Management Team	

**ATTACHMENT 1  
STATEMENT OF WORK  
CBMEN MSI  
05 AUGUST 2011**

<b>WBS/ Objective</b>	<b>Detailed Task Description</b>	<b>Team/ Duration</b>	<b>Dependencies</b>	<b>Completion Criteria</b>	<b>Deliverables</b>
2.0/ Phase 2	The contractor shall provide the necessary services and materials to perform the following tasks for Phase 2 of the DARPA CBMEN MSI task. The Phase 2 effort shall be completed within a 15 month period.	M/ 15 months	◆ Contract award	◆ Successful completion of all sub-tasks.	◆ See detailed WBS elements
2.1/ CBMEN System Development and Integration	The contractor shall refine and establish Demonstrator platforms. The contractor shall update requirements analysis, management and document the results; Refine, update and maintain an open architecture for CBMEN; Procure, Integrate and maintain CBMEN hardware; Update, develop, integrate and maintain CBMEN software; Integrate test instrumentation for performance evaluation and demonstration; Support the performance evaluation team in integrating hardware and software mechanisms to support performance evaluation;. Update and document the architecture, APIs, and design, and maintain the artifacts over the life of the CBMEN program.	DT/ 14 months	◆ iCORE IDE operational to document engineering artifacts ◆ Update iCORE to reflect changes in user access and permissions	◆ Baseline requirements documented; ◆ CBMEN networking architecture documented; ◆ 120 smartphones for system level development; ◆ Operational Demonstrator platforms; ◆ Test instrumentation integrated	◆ Updated System Requirements Report; ◆ Updated CBMEN Networking Architecture; ◆ Updated CBMEN Development platform 100 mobile nodes; ◆ Smartphone H/W; ◆ Up to 8 Demonstrator kits for Technology Developers & Govt
2.2/ Technology Development Team Provisioning and Interaction	The contractor shall provide each TD with updated development environments and test kits, refine and maintain them. Development systems will include facilities (hardware and software) to support S/W development and test. The provided MANET H/W, S/W, and development Demonstrator platforms to each technology developer environments shall be suitable for developing, hosting, and evaluating CBMEN technologies. Contractor shall support the TD H/W and S/W infrastructure needs; Conduct interaction and interchange meetings with TDs on the MSI provided technology, development kits and development environment; Coordinate with TDs on evaluations; Document the development environment, development kits, interchange meetings and maintain the artifacts.	TI/ 13 months	◆ Updated CBMEN Development platform requirements established ◆ CBMEN Development platform architecture updated ◆ Updated CBMEN Demonstrator platform established ◆ Assumption: Five Smartphones for each TD, up to 8 TDs (40 total).	◆ Each TD provisioned with updated Development Platform kits; ◆ TD needs identified and provisioned; ◆ Thorough understanding of interface requirements with TDs; ◆ Development environment, & kit produced; ◆ Configuration management & technical notes captured	◆ Up to 8 Demonstrator kits for Technology Developers & Govt ◆ Minutes & notes from technical meetings with TDs. ◆ Updated configuration database
2.3/ System Interim Assessments	The contractor shall conduct interim assessments of progress and capabilities. The contractor shall develop Interim Assessment Test Plans/Test Cases; Measurement of system metrics shall be included; The test cases used for the interim	TE/ 8 months	◆ Updated CBMEN Demonstrator platform kits delivered and environments	◆ Interim Assessment test plans prepared; ◆ Initial models completed; ◆ Interim test scenarios	◆ Interim Assessment Test Plans/Test Cases ◆ Modeling &

**ATTACHMENT 1  
STATEMENT OF WORK  
CBMEN MSI  
05 AUGUST 2011**

WBS/ Objective	Detailed Task Description	Team/ Duration	Dependencies	Completion Criteria	Deliverables
	self-assessments will be derived from the baseline evaluation scenarios developed jointly across the program participants. The contractor shall develop and establish a test environment for interim assessment; Model the MANET and TD software to the extent necessary to assess system performance. Support Government assessments and evaluations with modeling and simulation. The contractor shall conduct two Interim Assessments in Phase 2 to provide early insight into technology development and identify possible adjustments/changes to further development efforts across the program. The contractor shall document test environment, scenarios and test results of interim assessments and provide reports documenting the results.		<ul style="list-style-type: none"> <li>◆ established;</li> <li>◆ Each TD provisioned with updated Development Platform kits;</li> </ul>	<ul style="list-style-type: none"> <li>◆ completed;</li> <li>◆ Interim tests conducted;</li> <li>◆ Interim test reports prepared</li> </ul>	<ul style="list-style-type: none"> <li>◆ simulation results</li> <li>◆ Test Environment Scenarios</li> <li>◆ Interim Test Report</li> </ul>
2.4/ Phase 1 Demonstration	The contractor shall prepare for, support and participate in a CBMEN evaluation. The contractor shall conduct Phase 2 evaluation planning and coordination; prepare test/evaluation plans; execute a test, evaluation and demonstration effort for Phase 2; collect data and analyze results of the evaluation; Develop and maintain evaluation plans and reports.	TE/ 4 months	<ul style="list-style-type: none"> <li>◆ Demonstrator system with 100 mobile nodes and TD content-based applications installed</li> <li>◆ Assumption: Evaluation occurs at Fort Bliss, TX.</li> </ul>	<ul style="list-style-type: none"> <li>◆ Phase 2 demonstration/evaluation plan prepared;</li> <li>◆ Site visit conducted for evaluation planning</li> <li>◆ Evaluation conducted</li> <li>◆ Phase 2 test report prepared</li> <li>◆ IDE updated;</li> <li>◆ Tech &amp; Mgmt reports submitted monthly;</li> <li>◆ Master schedule updated weekly;</li> <li>◆ Risk reports updated weekly;</li> <li>◆ Action items completed;</li> <li>◆ Other management reports and planning conducted timely and accurately</li> </ul>	<ul style="list-style-type: none"> <li>◆ Phase 2 Demonstration/Evaluation Plan</li> <li>◆ Phase 2 Evaluation Test Report</li> </ul>
2.5/ Technical Meetings and Management	Participate in all program meetings with appropriate personnel including KO, PDR, TIMS, TRR & PI; Manage project; Maintain document repository with online access to all program participants.	M/ 15 months	<ul style="list-style-type: none"> <li>◆ Contract award</li> </ul>	<ul style="list-style-type: none"> <li>◆ IDE updated;</li> <li>◆ Tech &amp; Mgmt reports submitted monthly;</li> <li>◆ Master schedule updated weekly;</li> <li>◆ Risk reports updated weekly;</li> <li>◆ Action items completed;</li> <li>◆ Other management reports and planning conducted timely and accurately</li> </ul>	<ul style="list-style-type: none"> <li>◆ iCORE IDE for use by all participating TDs and Govt personnel;</li> <li>◆ Monthly Technical &amp; Management Reports;</li> <li>◆ Master schedule;</li> <li>◆ Risk reports;</li> <li>◆ Action Item reports;</li> <li>◆ Transition plans</li> </ul>
2.6/ Support Performance Eval Team	Development of Scenarios and Challenge Problems; Participate in Government-led working group; Update metrics study; Support scalability analysis; Select and integrate content-rich applications; Document work;	DT/ 14 months	<ul style="list-style-type: none"> <li>◆ Contract award</li> <li>◆ Requirements identified</li> <li>◆ CBMEN Development platform with up to 100 mobile nodes;</li> </ul>	<ul style="list-style-type: none"> <li>◆ Scenarios developed including some vehicular mounted nodes</li> <li>◆ Challenge problems developed Metric study conducted Scalability analysis</li> </ul>	<ul style="list-style-type: none"> <li>◆ Scenarios</li> <li>◆ Challenge Problems</li> <li>◆ Metrics Analysis Report</li> <li>◆ Scalability Analysis Report</li> </ul>

**ATTACHMENT 1  
STATEMENT OF WORK  
CBMEN MSI  
05 AUGUST 2011**

WBS/ Objective	Detailed Task Description	Team/ Duration	Dependencies	Completion Criteria	Deliverables
				support provided Content-rich applications identified and selected	◆ Content-rich applications
	DT = Demonstration Platform Team	TI = Technology Integration Team	TE = Test & Evaluation Team	M = Management Team	

**Restrictions claimed for non-commercial items**

Technical Data or Computer Software to be Furnished With Restrictions*	Basis for Assertion**	Asserted Rights Category***	Name of Person Asserting Restrictions****
(b)(4)			

**Potential Content-rich Applications**

(b)(4)			
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NOTES: Additional rights may be asserted by the Content-based Technology Developers or others and will be marked appropriately. If a conflict exists, the information subject to additional rights will be segregated where possible or the higher level of restriction will be applied.

**Restrictions claimed for commercial items**

Technical Data or Computer Software to be Furnished With Restrictions*	Basis for Assertion**	Asserted Rights/Commercial Licenses Category***	Name of Person Asserting Restrictions****
(b)(4)			



ATTACHMENT 2  
Assertion of Data Rights  
12 January 2012  
HR0011-12-C-0031

(b)(4)

ATTACHMENT 2  
Assertion of Data Rights  
12 January 2012  
HR0011-12-C-0031

(b)(4)



**Attachment 3**  
**Contractor Acquired Equipment**  
**November 29, 2011**

(b)(4)

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