MISSILE DEFENSE AGENCY - TASK INSTRUCTION – 001, Rev 1

1.	**Contractor Name And Address** **Lockheed Martin Corporation** **700 N Frederick Avenue, Location A** **Gaithersburg, MD 20879-3328**	2.	**Contract No.:** HQ0147-12-D-0003-0017 **Modification No.:** 3. **SOW Paragraph:** 4.1.10

4.   **Government Requiring Office**

Name (printed): (b)(6)

Office Symbol   BCDV   Telephone   (b)(6)

Signature   (b)(6)   Date: 3Ø Nov 17

5.   **Director, Program Management and Integration**   Name printed): (b)(6)

(b)(6)

Signature   Date: 12/4/17

6.   **Description Of Task – Government ONLY**

This Task Instruction provides scope for Advanced Concepts & Technology Evaluation C2BMC Government Experimentation Laboratory (X Lab) to support Discrimination Sensor Technology experimental development.

The Contractor shall:

Task 1 - Use the C2BMC Experimentation Laboratory (X Lab) to perform experimentation activities as agreed to and directed by the Government in support of Discrimination Sensor Technology (DST) objectives.

Task 2 - The Contractor shall execute specific DST projects which are considered a priority for the Government subject to available resources as directed or approved by the Government.

Task 3 - Provide the Government the results from this DST development and testing to include: requirements, designs, reference implementations, technology and capability transition plans, and operational concepts. These results and associated data shall be delivered via the Data Accession List.

7.   Contractor Technical and Mgt. Approach – Contractor ONLY

Task 1 – This experiment provides a mechanism for participation in HWILs and flight tests. It supports the evolution of BMD mobile sensor command and control concepts, incorporation of mobile sensors into the Defense Design, tasking from Sensor Resource Management, and use of DST track data within C2BMC.

(b)(3):10 U.S.C. § 130

Task 3 – Results from DST prototype development will be provided via Experiment Plans, status briefings, participation in Technical Interchange Meetings, meeting minutes, architecture diagrams and HWIL analysis. Results will be delivered to BCDV via the Data Accession List on a monthly basis.

8.   **Task Instruction Type:**

    8a. CPFF Task Instruction

       Min DPLH: (b)(4)   Target DPLH: (b)(4)   Max DPLH: (b)(4)

    Est. Labor Cost: (b)(4)   Material Cost: $ (b)(4)

    Est. Labor Fixed Fee: Material Fee: $

    Total Est. Labor CPFF: Travel Costs $

    Other Costs: $_____

              TOTAL Task Instruction Value: $ (b)(4)

              Period of Performance: _Award – 30 April 2018_

    8b. FPP Task Instruction

    Labor Price: $_____   Material Cost: $_____

                                Material Fee: $_____

                                Travel Costs $_____

                                Other Costs: $_____

              TOTAL Task Instruction Value: $_____

9.   **Key Milestones – Government ONLY**

    28 February 2017: Update (b)(3):10 U.S.C. § 130 in accordance with ICD and develop (b)(3):10 U.S.C. § 130 Prototype

    31 March 2017: Implement Prototype and ICD Updates in C2BMC X-Lab Suite.

10.   **Deliverables –** X-Lab reports as requested by the Government via the DAL.

    31 January 2017: Prototype Design Documents, Experiment Plan and ICD.

    20 April 2018: Report incorporating Design Documents, ICD and analysis results from Prototype performance.

11.   **Government Furnished Resources:**   All Government provided resources regarding this work are identified in Attachment 4 of HQ0147-12-D-0003.

12.   **Contractor Acceptance of Task Instruction**

    (b)(6)   (b)(6)

    Name _____ Signature _____ Date ___12/6/2017___

13.   This Execution Plan is approved for execution under contract HQ0147-12-D-0003 Task Order #0017.

    (b)(6)   7 Dec 17   (b)(6)

    Contracting Officer   Date   Signature