



Marshall Small Business Association

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MARSHALL ENGINEERING TECHNICIANS AND TRADES SUPPORT SERVICES (METTS)

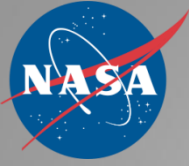
Overview

September 19, 2019

Yong Castillo - Contracting Officer

Billy Kauffman - Contracting Officer's Representative

Myron Tapscott – Procurement Development Team Lead



HISTORY

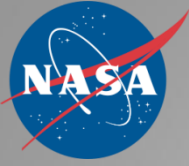
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- **METTS I – Awarded March, 2008**
 - ❖ **Contract started as a combination of the R&D Space Flight Hardware Fabrication and the Materials Testing for Aerospace Environments contracts**

- **November, 2008 Expansion**
 - ❖ **Contract expanded to include the Calibration/Metrology Laboratory and Valve and Component Refurbishment Shop**

- **September, 2010 Expansion**
 - ❖ **Contract was expanded to include the East and West Propulsion Test Areas**
 - ❖ **Various additional areas added throughout the contract POP.**
 - **Examples include optics support and non-destructive evaluation**

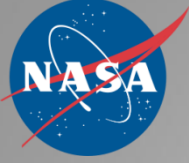
- **October, 2015 METTS II (Follow-on) Awarded**
 - ❖ **Contract is scheduled to end September 30, 2020. Contract includes a 6-month (March 31, 2021) no escalation clause if needed**



METTS CONTRACT OVERVIEW

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- **Contract Type: Cost-Plus-Award Fee (CPAF)**
Mission Services with Indefinite Delivery, Indefinite Quantity (IDIQ) Task Orders
- **Contractor: Prime: Aerie Aerospace, LLC**
 - ❖ **Populated Joint Venture of Aetos Systems, Inc. and ERC**
- **Contract No.: NNM15AA19C**
- **POP: One Year Base Period with Four One Year Options**
 - ❖ **Effective Date: October 1, 2015**
 - ❖ **Current Option Date: October 1, 2018 - September 30, 2019**
 - ❖ **Option Year Four Dates: October 1, 2019 – September 30, 2020 (exercised)**
- **Work Year Equivalents: Approximately 350**
- **Contract Value per Year: \$45M - \$50M (labor and purchases)**
- **Workforce: Trades through Collective Bargaining Agreements (CBA) and Service Contract Act (SCA); Professional (Exempt)**



METTS TECHNICAL OVERVIEW

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- **MSFC's primary mission is to carry out a wide range of testing activities (e.g., structural, propulsion) and support operations in the performance of NASA priorities such as the development, fabrication, and testing of ground and flight hardware associated with various NASA Programs/Projects.**
- **The Center has a need for a centralized and flexible workforce of technicians and trades (various crafts) to execute day-to-day support services across a wide spectrum of testing and operational functions.**
 - ❖ **Recent examples in the news: Engine Section Testing; Intertank Testing (took to destruction); Liquid Hydrogen Tank (currently under test); Liquid Oxygen Tank (testing coming soon)**
 - ❖ **Additionally – All Ground Support Equipment (GSE) for transporting the Liquid Hydrogen Tank; Liquid Oxygen Tank; Intertank and Engine Section.**
- **METTS is the sibling to the Engineering Services and Science Capability Augmentation (ESSCA) contract. METTS primary personnel are technicians with some engineers while ESSCA's primary personnel are engineers with some technicians.**



CURRENT CONTRACT TECHNICAL SCOPE

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- **METTS provides support under one contracting vehicle with a broad range of operations to include:**
 - ❖ **Environmental Test and Experimental Fluids Dynamic Test Facilities**
 - ❖ **Structural Strength and Dynamics Test Facilities**
 - ❖ **East and West Test Areas**
 - ❖ **Fabrication & Assembly of Hardware**
 - ❖ **Electrical Fabrication and Test**
 - ❖ **Metrology**
 - ❖ **Valve and Component Refurbishment**
 - ❖ **Propellants and Pressure Delivery Systems**
 - ❖ **Space Environmental Effects Testing**
 - ❖ **Impact Testing Facility**
 - ❖ **Environmental Gas Laboratory Support**
 - ❖ **Optics Testing**



PREVIOUS AND ANTICIPATED ACTIVITIES

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- **06/12/19** **Released Sources Sought Notice**
- **06/25/19** **Sources Sought Deadline Submission**
- **06/27/19** **Data Analysis Completed**

- **05/01/19 – 10/01/19**
 - ❖ **Procurement Development Team (PDT) developing METTS RFP**
- **Anticipate follow-on 8(a) Award through the SBA**

- **10/01/19 – 10/01/20**
 - ❖ **Source Evaluation Board (SEB) Activities**
 - **Draft RFP** **10/19**
 - **Briefing** **11/19**
 - **Final RFP** **12/19**
 - **Proposal Due** **01/20**
 - **Award*** **10/20**

* Draft Award Date is 08/20 with Authority to Proceed 10/01/20