



**Welcome to the
Johnson Space Center
Calibration and Metrology Services (CAMS) IV
Industry Day**

**August 13th, 2020
Microsoft Teams
9:30 AM Central Time**



Welcome to the CAMS IV Industry Day

**Kelsey Klinger
Contract Specialist**



Agenda

Speaker	Subject
Kelsey Klinger, Contract Specialist	Welcome to Industry Day, Introductions
Steve Janney, Projects Procurement Office Manager	Welcome
Richard T. Slater, Small Business Specialist	Welcome
Cheryl Corbin, NASA MSCL Manager Quality and Flight Equipment Division	Organization Vision and Objectives
Kelsey Klinger, Contract Specialist	Current Contract Overview
Mary Vantino, PDT Chair	Technical Overview
Kelsey Klinger, Contract Specialist	Procurement Schedule



Disclaimer

- These slides are for information and planning purposes only. No solicitation exists at this time.
- This presentation shall not be construed as a commitment by the Government or as a comprehensive description of any future requirements.
- If a solicitation is released, it will be synopsisized on the Governmentwide point of entry (GPE), as defined by FAR 2.101.



Goals of Industry Day

- Promote competition on the proposed acquisition.
- Develop Industry's understanding of the Government's current vision and objectives.
- Provide Industry with the opportunity to meet with the Government early enough in the procurement process to provide input into the CAMS IV procurement strategy.
- Encourage offerors to submit questions and comments electronically via an email. Please submit them after the presentation to kelsey.j.klinger@nasa.gov
 - The Government will respond officially to all questions submitted by posting them to the Governmentwide point of entry (GPE) and CAMS IV websites.



Industry Day Logistics

- A copy of this presentation has been posted on the CAMS IV website at:
<https://procurement.jsc.nasa.gov/cams4/>
- Clarifications concerning the way in which NASA conducts business today will be answered through the posted responses to questions on the GPE & CAMS IV websites.



Responses to Questions

- Verbal questions will not be answered during Industry Day.
- Questions submitted electronically and in writing will be answered and posted to GPE and will be considered official responses.



Welcome

**Steve Janney, Projects Procurement Office Manager
Office of Procurement**



Welcome

**Richard T. Slater, Small Business Specialist
Office of Small Business Programs - JSC**

The Office of Small Business Programs – JSC

Contact Information



- Main phone number: (281) 483-4512
- Robert E. Watts, Senior Small Business Specialist
- Monica F. Craft, Small Business Specialist
- Richard T. Slater, Small Business Specialist
- All emails should be sent to: jsc-industry-assistance@mail.nasa.gov
- Location: Building 1, Suite 453
- Address:
NASA Johnson Space Center,
The Office of Small Business Programs – JSC
Mail Code: BA
2101 NASA Parkway
Houston, TX 77058-3696



Vision and Objectives

**Cheryl Corbin, MSCL Manager
Quality and Flight Equipment Division,
Safety and Mission Assurance Directorate**



Quality & Flight Equipment Division/NT



The **vision** of the Quality and Flight Equipment Division is to be recognized as the leader in System Safety, Reliability, and Quality innovation, providing the highest standards of technical excellence and risk management in an inclusive environment.

Thomas Carrington, Chief
Kim Taylor, Deputy Chief
Cheryl Corbin, MSCL Manager

The SMA Quality and Flight Equipment Division ensures safety and mission assurance is preeminent in multiple programs at JSC. The Division is responsible for Safety, Reliability, and Quality Assurance processes and requirements in support of:

- JSC Government Furnished Equipment
- Extravehicular Activity
- International Space Station
- Orion
- Advance Exploration Systems (AES)
- Gateway
- Human Lander System (HLS)
- Human Research Program (HRP)



NT also manages the following facilities:

- Receiving Inspection Test Facility (RITF)
- Metrology Services and Calibration Laboratory (MSCL)



Quality & Flight Equipment Division/NT



Objectives of CAMS IV Contract:

Safety in all operations

Provide highest level of JSC customer service

- Effective tracking of calibrations to allow for timely notification of expirations to customers

- Timely and accurate processing of customer equipment as if it were our own

Maintain a strong presence in the Agency Calibration effort

- Metrology Calibration Working Group (MCWG) Member

- Maintain NASA Programmable Josephson Voltage Standard (PJVS) for all centers

Maintain ISO 17025 and ANSI Z540.3 Calibration Accreditations



Current Contract Overview

Kelsey Klinger, Contract Specialist



Current Contract Overview

- Contract Number: NNJ16HA01C (CAMS III)
- Prime Contractor: Rohmann Services, Inc.
- Small Business Set-Aside
- Contract Type: Firm-Fixed Price (FFP) with Indefinite Delivery Indefinite Quantity (IDIQ) Task Orders
- Period of Performance: June 1, 2016 – May 31, 2021
- Skills currently provided on contract include:
 - Program Manager
 - Clerk
 - Technician
 - Calibration Technician I
 - Calibration Technician II
 - Senior Calibration Technician
 - Quality and Safety Manager
 - Purchasing and Property Clerk



Proposed Contract

- NAICS Code and Size Standard
 - The NAICS Code is 541380 - Testing Laboratories
 - The size standard is \$16.5M
- Small Business Set-Aside
- Period of Performance contemplated is June 1, 2021 – May 31, 2026
 - Phase-In: May 1, 2021 – May 31, 2021
 - Contract Period of Performance: June 1, 2021 – May 31, 2026
 - Period of performance may include a combination of a base period and options.
- Contract Types: The Government is considering FFP with IDIQ task orders.
- Anticipated contract requirements are comparable in scope to CAMS III (NNJ16HA01C)
 - The current CAMS III Statement of Work was posted on beta.SAM.gov with the Industry Day announcement.



Special Consideration

NOTE TO PROSPECTIVE OFFERORS

Prospective offerors are reminded not to contact incumbent personnel (either directly or through electronic means) during duty hours or at their place of employment, as such contacts are disruptive to the performance of the current contract.



Technical Overview (Current Contract)

Mary Vantino, PDT Chair



CAMS III Technical Overview

- The NASA Johnson Space Center (JSC) in Houston, Texas currently has the existing Metrology Standards and Calibration Laboratory (MSCL) located in Building 343.
- The MSCL provides calibration services for primarily JSC operations (including Ellington Field and White Sands Test Facility) by performing calibration operations on customer-provided MTE (Measurement and Test Equipment). Most customer-provided MTE are commercial off-the-shelf MTE used to measure physical, mechanical, and electrical properties such as torque wrenches, pressure transducers and voltmeters.
- The Contractor currently manages a total calibration inventory of approximately 44,000 MTE in the Cal Lab database. Of the 44,000 MTE that can be calibrated, up to approximately 14,000 “active” MTE are scheduled to be calibrated at any given time, with approximately 15,000 calibrations to be conducted annually.
- Approximately 10% of the active MTEs are in-place items that cannot be removed from the customer’s area and calibration must be performed on the equipment at its current location.
- The contractor maintains the MSCL ISO/IEC 17025:2017 and ANSI/NCCL Z540.3-2006 accreditation.
- The contractor maintains a Quality Management System (QMS) that is compliant with ANSI/ISO/ASQ Q9001:2015, and SAE AS9100 D.
- The contractor complies with the requirements, procedures and instructions assigned to the MSCL documented in JPR 1281.11 “Metrology and Calibration,” and JW1 1282.11 “Calibration and Control of Measuring and Test Equipment (MTE).”

JSC Measurement Standards and Calibration Laboratory, Building 343



MSCL Entry



Production Room



JSC Measurement Standards and Calibration Laboratory, Building 343



Torque Calibration Lab



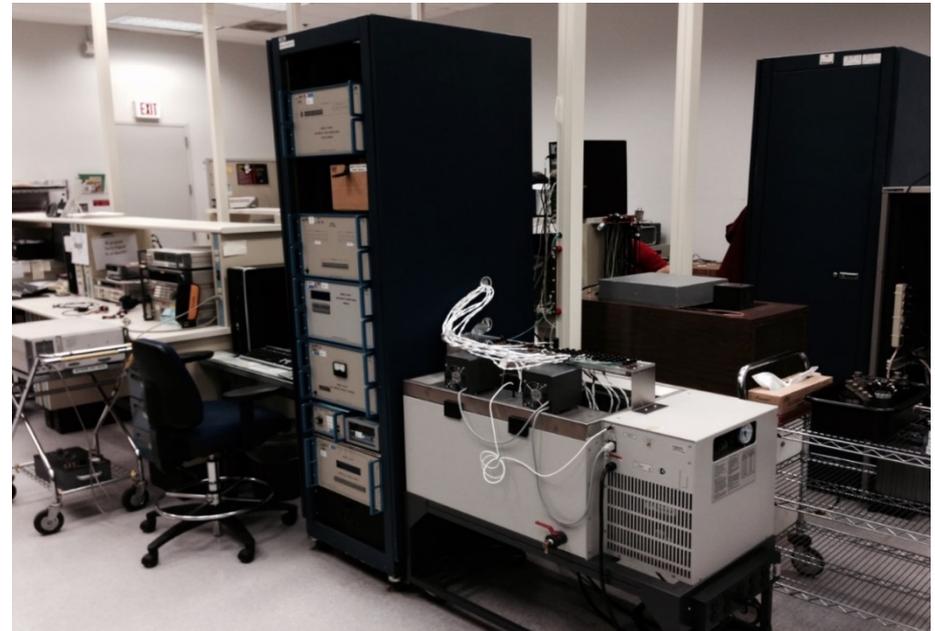
Temperature Calibration Lab



JSC Measurement Standards and Calibration Laboratory, Building 343



Electrical Reference Standards Lab



JSC Measurement Standards and Calibration Laboratory, Building 343



Meters/Scopes Section



Vibration/Acoustics Calibration Area



JSC Measurement Standards and Calibration Laboratory, Building 343



RF Calibration Area



JSC Measurement Standards and Calibration Laboratory, Building 343



Video Calibration Area



JSC Measurement Standards and Calibration Laboratory, Building 343



Power Supplies Calibration Area



JSC Measurement Standards and Calibration Laboratory, Building 343



Pressure/Flow Calibration Lab



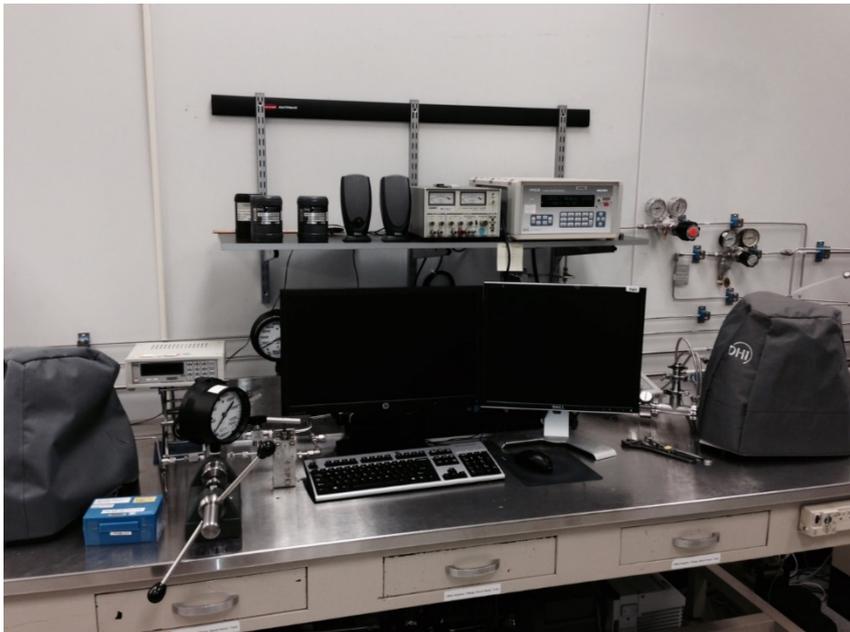
Pressure Calibration Lab



JSC Measurement Standards and Calibration Laboratory, Building 343



Reference Pressure Calibration Area



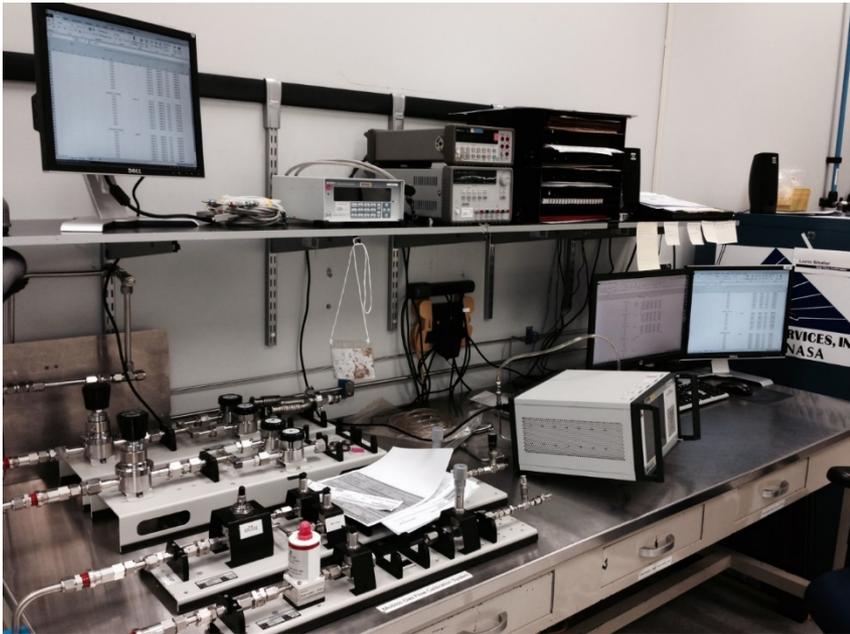
Clean Pressure/ Flow Bench



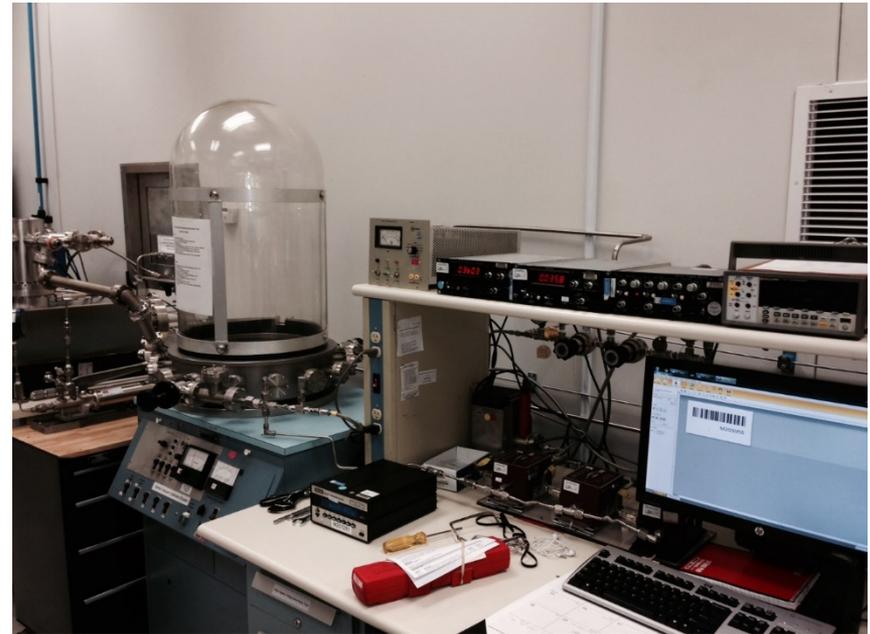
JSC Measurement Standards and Calibration Laboratory, Building 343



Gas Flow Calibration Area



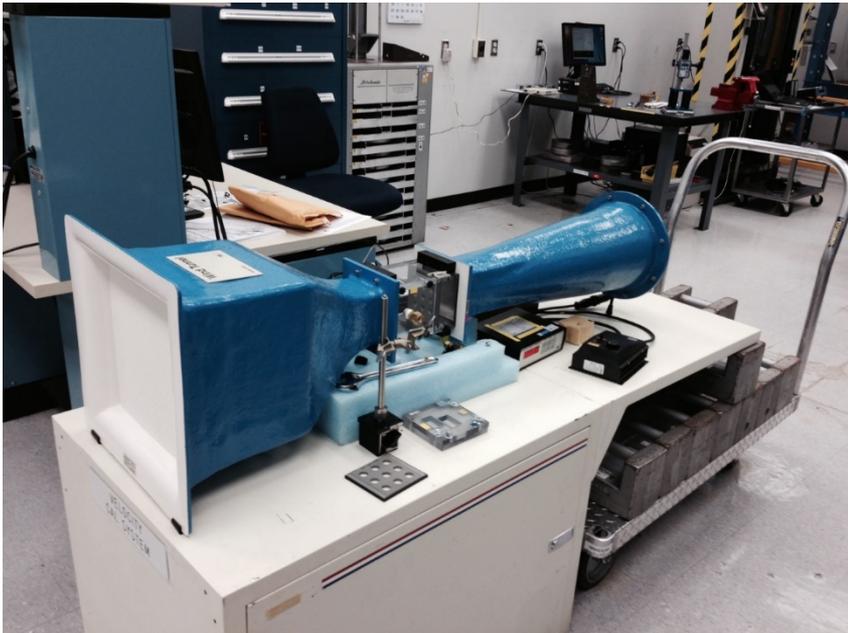
Vacuum Pressure Calibration Area



JSC Measurement Standards and Calibration Laboratory, Building 343



Air Velocity Calibration Area



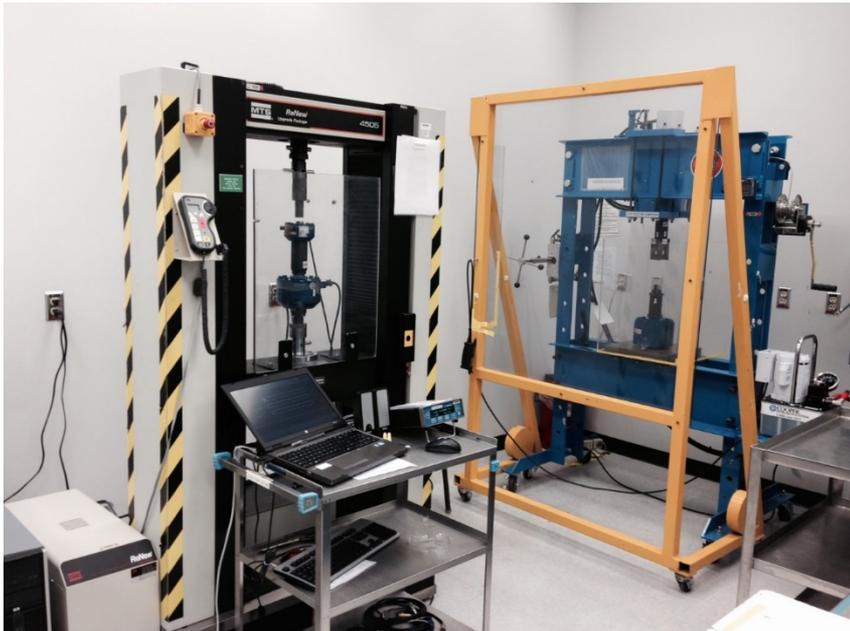
Water Flow Calibration Area



JSC Measurement Standards and Calibration Laboratory, Building 343



Force/Load Cell Calibration Area



Temperature/RH Calibration Area



JSC Measurement Standards and Calibration Laboratory, Building 343



Dimensional Calibration Lab



Mass Calibration Area



JSC Measurement Standards and Calibration Laboratory, Building 343



Length Measurements Area





Procurement Schedule

Kelsey Klinger, Contract Specialist



Procurement Schedule

- The Government does intend to issue a Draft Request For Proposal (RFP).
- Following the release of the Draft RFP, Industry will have an opportunity to submit anonymous questions in writing so that the Government may officially respond.

Preliminary Acquisition Schedule	Planned Date	Actual Date
Sources Sought Synopsis	05/22/2020	05/22/2020
Industry Day	08/13/2020	
Draft SOW	08/20/2020	
Release Draft Request for Proposal	09/21/2020	
Release Final Request for Proposal	10/21/2020	
Pre-Proposal Conference/Bulletin	10/27/2020	
Contract Award	04/26/2021	
Contract Start	06/01/2021	

- A more detailed procurement schedule will be posted to the procurement website as soon as it is available.

One-on-One Communication with Industry



- Virtual One-on-One meetings will be occurring August 13th, 2020.
- No more than 4 individuals may represent any party or team of parties.
- Only one meeting will be allowed per company.
- Meetings will not exceed 20 minutes in length.



How to Get Connected

- <https://procurement.jsc.nasa.gov/cams4/>
- NASA/JSC Contract Opportunities
<https://beta.sam.gov/>
- JSC Procurement Website
<http://procurement.jsc.nasa.gov/>
- Industry Assistance Office, JSC Bldg. 1
jsc-industry-assistance@mail.nasa.gov



Thank you for attending!

Visit:

<https://procurement.jsc.nasa.gov/cams4/>