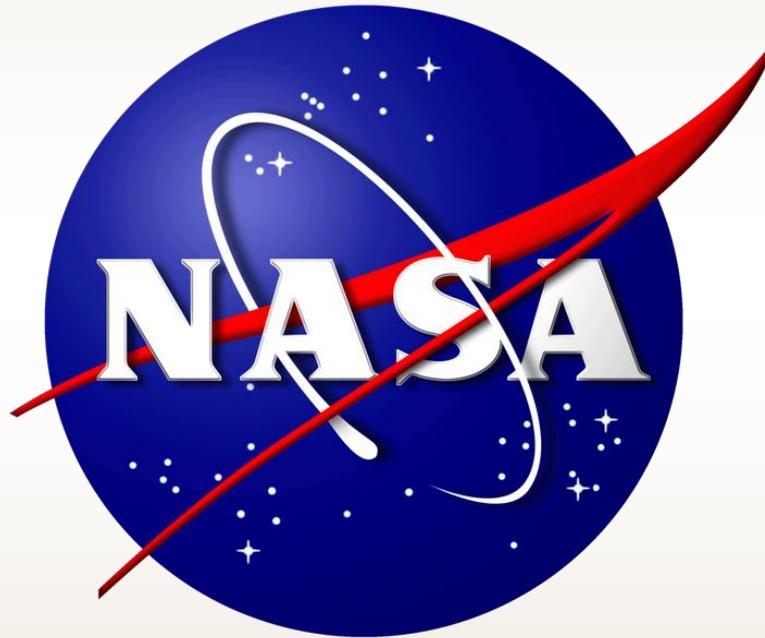


**Welcome to the
Johnson Space Center
Environmental Services (JES)
Virtual Industry Day**



**July 10, 2012
WEBEX
9:00 am CDT**



Welcome to the JSC Environmental Services (JES) Virtual Industry Day

**Shine Lin
Contract Specialist**



Agenda

Speaker	Subject
Shine Lin Contract Specialist	Welcome to Industry Day/Introductions
Debra L. Johnson, Director Office of Procurement	Welcome
Kelly Rubio, JSC Industry Assistance Office	Small Business Overview
Stephen P. Campbell, Deputy Director Center Operations Directorate	Organization Vision and Objectives
Shine Lin Contract Specialist	Current Contract Overview
M. Jo Kines PDT Chair	Technical Overview
Shine Lin Contract Specialist	Procurement Schedule and Question/Answer



Disclaimer

- **These slides are for information and planning purposes only. No solicitation exists at this time.**
- **This information is pre-decisional and as such there is no guarantee that this information will be contained in the RFP.**
- **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 in the FedBizOps website and on the NASA Acquisition Internet Service.**



Goals of Industry Day

- Promote competition on the proposed acquisition
- Develop industry 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 JES procurement strategy
- Encourage offerors to submit questions and comments in writing via the JES website or in person during Industry Day. The Government will respond in writing to all questions submitted by posting them to NAIS and the JES procurement websites



Responses to Questions

- Verbal questions will not be answered during the Virtual Industry Day Presentation.
- Questions submitted in writing will be answered and posted to the procurement website and will be considered official responses. If a difference exists between any verbal response given during individual one on one meetings with contractors and written responses, the written responses shall govern.



Welcome

**Debra L. Johnson, Director
Office of Procurement**



Small Business Overview

**Kelly Rubio, JSC Industry Assistance
Office Business Specialist**



Small Business Overview

JSC Industry Assistance Office

Phone: 281-483-4512

E-mail: JSC-Industry-Assistance@mail.nasa.gov

Small Business Specialists

Kelly L. Rubio, JSC Small Business Specialist

Phone: 281-244-7890

E-mail: Kelly.L.Rubio@nasa.gov

Charles T. Williams, Senior Small Business Specialist

Phone: 281-483-5933

E-mail: Charles.T.Williams@nasa.gov



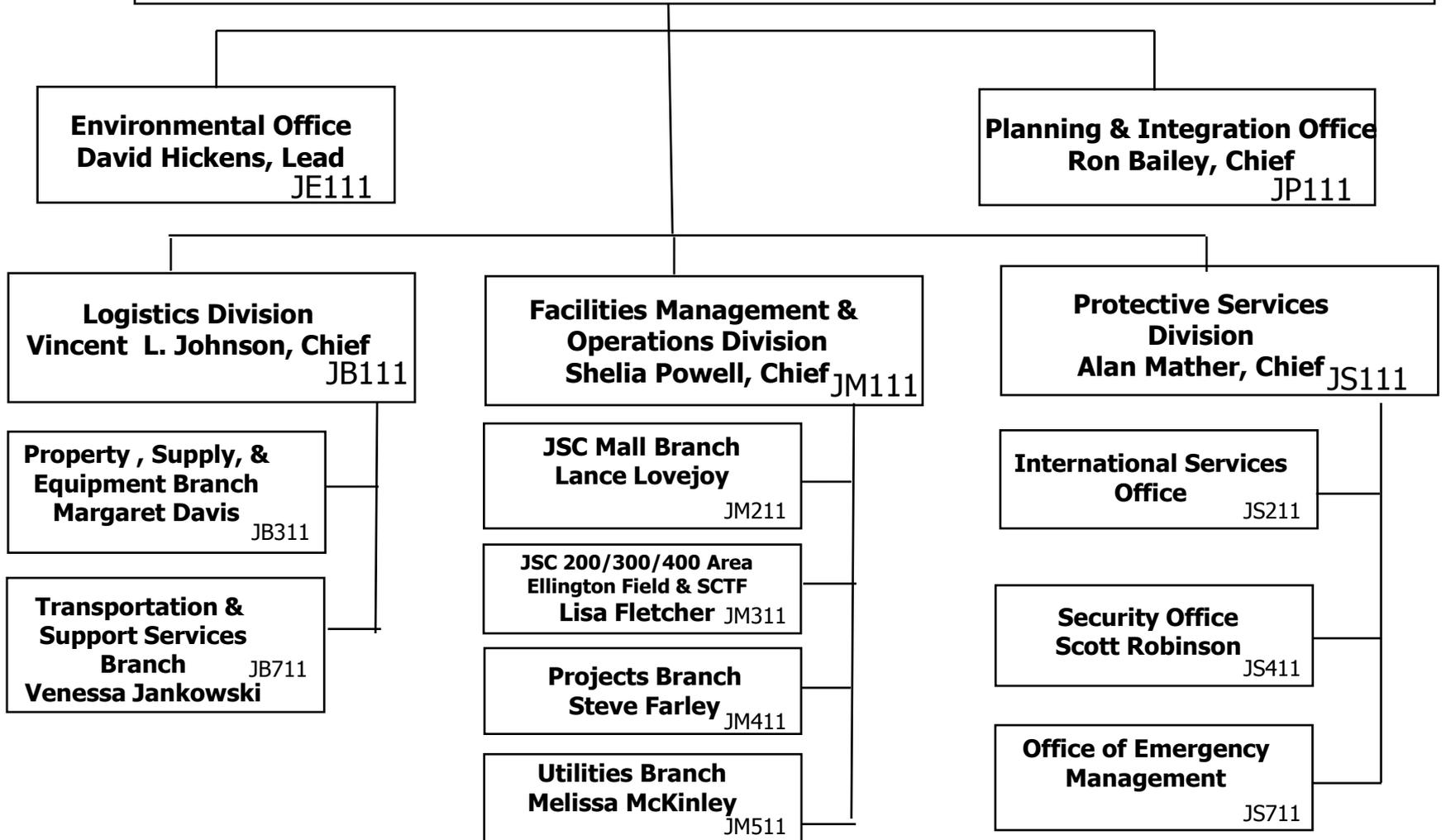
Vision and Objectives

**Stephen P. Campbell, Deputy Director
Center Operations Directorate**

CENTER OPERATIONS DIRECTORATE

Joel Walker, Director
Steve Campbell, Deputy Director
Barry Boswell, Chief Engineer

JA





Vision and Objectives

- JSC's core capabilities are
 - Human Space Flight Integration
 - Large Complex Program Management
 - Spacecraft Engineering and Design
 - Flight Crew Training
 - Human Space System Science and Technology Development
 - Mission Operations
 - International Partnerships
 - Promoting and Integrating Commercial Space Exploration



Vision and Objectives

- JSC's New Business Practices Include
 - Modes are Changing – Not “Business as Usual”
 - Innovation
 - Collaboration and Partnerships
 - Increased Emphasis on General-Purpose and Flexible Facilities
 - Decreased Center Footprint, Increased Efficiency Required



Vision and Objectives

- JSC's environmental program and provides site-wide oversight and services to all JSC employees and organizations at the JSC main site and three satellite facilities Ellington Field (EF), Sonny Carter Training Facility (SCTF) and El Paso Forward Operating Location (EPFOL)
- JSC's Environmental Excellence Policy

“JSC commits to conducting our mission in a manner that promotes environmental stewardship, sustainability, compliance and continual improvement.”



Vision and Objectives

- Our overall objective for the JSC environmental program is to:
 - Provide a flexible, solutions oriented, problem solving capability to assist all organizations at JSC to fulfill their mission while maintaining environmental compliance and implementing sustainable practices
 - Effectively communicate with and influence multiple organizations and contractors who have a wide variety of skills and education to meet our environmental goals
 - Keep abreast of emerging environmental issues and new requirements, conduct trend analysis, develop recommended improvements and maintain the viability and currency of JSC's environmental program during a period of dynamic change in NASA and JSC's mission



Current Contract Overview

Shine Lin, Contract Specialist



Industry Day Overview

- The purpose of this Industry Day is to help industry understand the Government's existing requirements and vision for the JES contract.
- Clarifications concerning the way in which we conduct business will be discussed during individual one on one meetings with contractors.
- A copy of this presentation will be posted on the JES website at:
<http://procurement.jsc.nasa/jes/>



Current Contract Overview

- Contract Number: NNJ08JB01C
- Prime Contractor: Earth Resources Technology, Inc.
- Contract Type: Cost Plus Award Fee (CPAF) with CPAF Indefinite Delivery Indefinite Quantity (IDIQ)
- Period of Performance: March 1, 2008 - February 28, 2013
- Potential Value: \$14.5M



Current Contract Overview

- Skills currently provided on contract include:
 - Professional environmental consulting services and on-site implementation to support the Center Operations Directorate's Environmental Office in accomplishing its multi-media environmental program objectives in ensuring that JSC, and other specified locations, are in compliance with Federal, State, and local government applicable laws and agency requirements
 - Tasks are performed primarily at JSC, EF, and SCTF
 - Some tasks are performed at EPFOL, with up to 6 in-person visits per year



Proposed Contract

- NAICS Code and Size Standard
 - The NAICS Code is 541620, Environmental Consulting Services
 - The size standard is \$14M
- Set Aside Being Considered: Total Small Business
- Period of Performance Contemplated: 5 years, which includes a 1 year base and two 2 year options
- Contract Type Being Considered: Cost Plus Incentive Fee (CPIF) with CPIF IDIQ Task Orders
- The JES contract will provide environmental support services to assist the JSC Environmental Office in implementing and maintaining regulatory and agency requirements within all JSC's activities



Proposed Contract (cont.)

- Changes being considered for JES
 - Add hazardous and industrial solid waste handling and container management
 - Add pretreatment system operation
 - Add storm water and SPCC containment management (inspections and draining)
 - Add provision of materials and labor to perform spill clean up (as opposed to oversight of spill clean up)

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)

M. Jo Kines, PDT Chair



Current Contract Overview

- JSC's environmental program provides site-wide oversight and services to all JSC employees and organizations at the JSC main site and our three satellite facilities EF, SCTF and EPFOL
- The program does not include occupational health or institutional safety but the Environmental Office does work closely with both organizations on associated programs (e.g., asbestos and drinking water)



Current Contract Overview

Johnson Space Center

- 1600 acres
- 166 buildings
- 8000 employees





Current Contract Overview

Ellington Field

- 37 acres
- 37 buildings
- 450 employees
- ~ 7 miles from JSC





Current Contract Overview

Sonny Carter Training Facility

- 13 acres
- 6 buildings
- 200 employees
- ~ 6 miles from JSC





Current Contract Overview

El Paso Forward Operating Location

- 2 buildings
- 45 employees
- In El Paso, TX
- Limited support





Current Contract Overview

- Air Quality Compliance Program
 - Track data, perform calculations, and compile reports to document compliance with permits and all PBRs and for submission of regulatory reports
 - Develop and maintain required records
 - Operate the B222 Boiler CEMS, perform semi-annual CGAs and RATAs
 - Perform Opacity Readings
 - JSC – Major Source, Title V Permit; 90 permitted/regulated air emission sources
 - EF – Minor Source; 39 regulated activities
 - SCTF – Minor Source; 10 regulated activities
 - EPFOL - Minor Sources; 4 regulated activities

Current Contract Overview





Current Contract Overview

- Hazardous and Industrial Solid Waste Compliance Program
 - Characterize wastes, track inventory
 - Subcontract transportation and disposal off-site
 - Track data and compile reports for submission
 - Develop and maintain required records, reports and plans
 - JSC – LQG, one <90 Day Storage Area; 300 SAAs
 - Generated annually: 45,000 lbs. HW; 1,200,000 lbs. NHW
 - EF – LQG, one <90 Day Storage Area; 100 SAAs (includes 8 at SCTF)
 - Generated annually: 12,500 lbs. HW, 205,000 lbs. NHW
 - EPFOL – SQG, two Waste Management Units
 - Generated annually: 2000 lbs. HW, 1600 lbs. NHW

Current Contract Overview





Current Contract Overview

- Storm Water Compliance Program
 - Track data and compile reports for submission
 - Develop and maintain required records and plans
 - Review Sedimentation and Erosion Control plans
 - Participate in Storm Water Pollution Prevention Teams
 - Perform annual compliance evaluations
 - JSC – two permits, SWMP and MSGP, Sector AA
 - EF – MSGP Sector S permit
 - SCTF – no exposure exclusion
 - EPFOL – MSGP Sector S permit



Current Contract Overview

- Wastewater Program Compliance
 - All 4 facilities discharge to POTWs
 - Collect samples, track data and compile reports for submission
 - Review and approve new discharge sources
 - Develop and maintain required records and plans
 - JSC – 4 industrial pretreatment discharge sources
 - EF – No industrial pretreatment discharges
 - SCTF – No industrial pretreatment discharges
 - EPFOL – one discharge covered by city permit

Current Contract Overview





Current Contract Overview

- SPCC Compliance Program
 - Maintain and update SPCC Plans
 - JSC, EF and SCTF exceed the storage threshold, have SPCC Plans and have the following approximate number of regulated pieces of equipment or containers
 - JSC: 350
 - EF: 50
 - SCTF: 10
 - EPFOL does not currently exceed the storage threshold and does not need an SPCC plan
 - Petroleum Storage Tank Compliance Program
 - JSC has 3 ASTs that are registered with TCEQ
 - Conduct annual tank integrity testing



Current Contract Overview





Current Contract Overview

- Drinking Water Compliance Program
 - Water is purchased and requires no treatment at JSC, EF, SCTF and EPFOL
 - Review drinking water analytical results to ensure compliance
 - Maintain and update Drinking Water Monitoring Plan



Current Contract Overview

- Spill Clean Up Oversight and Reporting
 - 45 hazmat releases/year (liquids, solids, gases)
 - 40 spills/year asbestos
 - 2-5 releases exceed Reportable Quantities and require notification per year
 - Maintain and submit documentation to meet TRRP requirements





Current Contract Overview

- Environmental Planning Compliance Program
 - Participate in project planning and design review meetings to identify environmental requirements
 - Assist employees in completing environmental planning checklists; reviewing completed checklists to identify and define environmental requirements
 - Perform oversight of projects to ensure environmental requirements are being met once projects are implemented; update agency database
 - 1300 checklists, 20 RECs, and one NEPA environmental assessments per year
 - 200-300 minor projects, 2-4 major projects, 2-3 programs per year



Current Contract Overview

- EPCRA Compliance Program
 - Compile data and develop Tier 2 reports for JSC, EF, SCTF and EPFOL annually
 - None of our facilities has recently exceeded release thresholds, so no TRI Form R was submitted
- Asbestos Compliance Program
 - Many buildings at JSC and EF have asbestos spray applied insulation, ceiling tiles, floor tiles, and pipe insulation
 - Assess half of buildings annually
 - 20 abatement notifications per year
 - 11 NESHAPS demolition notifications per year
 - 10 design reviews per year



Current Contract Overview

- TSCA (PCB) Compliance Program
 - All ground transformers and hydraulic elevators have <50 ppm PCB; only some fluorescent lamp ballasts and 30 pole transformers are TSCA regulated
 - Track inventory, conduct inspections, and maintain the annual PCB log
 - PCB waste disposal included in ISW activities



Current Contract Overview

- Internal Assessments and Corrective Action
 - Conduct audits of each building periodically (from annual to every 5 years) to evaluate compliance
 - Contract with independent vendors to assess each compliance program once every 3 years
 - Track non-compliances in corrective action database
 - Implement corrective action or assist other organizations to fix the problem and prevent recurrence



Current Contract Overview

- Environmental Management System
 - JSC's EMS is compliant with NASA requirements (ISO 14001 compliant, but not registered)
 - Assist in implementing the required elements
 - Implement controls to reduce negative impacts
 - Assist organizational EMS liaisons in implementing the EMS within their organization
 - Manage EMS database
 - Identify problems and track corrective and preventive actions
 - Track and implement improvement goals
 - Track data and develop presentations and management reviews



Current Contract Overview

- Sustainability Programs
 - Pollution Prevention
 - JSC, EF and SCTF have Pollution Prevention Plans that are reviewed and updated annually
 - Track information and submit annual status reports
 - Conduct 2-4 pollution prevention opportunity assessments annually and implement viable options
 - Recycling
 - Provide technical assistance and awareness programs, track recycling data, and identify improvements
 - Collection and transportation of recyclables are performed by others



Current Contract Overview

- Sustainability Programs
 - Green Purchasing
 - Provide technical assistance and awareness programs, track and compile green purchasing data, and identify improvements
 - Review and evaluate waivers
 - Sustainability
 - Provide technical assistance and awareness programs, track and compile data
 - Perform 6 sustainability opportunity assessments and implement viable options per year
 - Conduct annual sustainability assessment and prepare report



Current Contract Overview

- Communications and Awareness Program
 - Provide training to employees via classroom and web (50 classroom sessions/year)
 - Review and update 20 training modules annually
 - Develop electronic environmental newsletter quarterly
 - Review and update environmental webpage content quarterly
 - Prepare and staff booths at JSC events (4 per year)
 - Prepare posters, flyers, and similar awareness items
 - Provide technical assistance to all employees upon request (300/year)
 - Research and prepare award nominations (4 per year)



Current Contract Overview

- Examples of Indefinite Delivery Indefinite Quantity (IDIQ) Task Orders
 - NEPA Environmental Assessments
 - Construction project waste disposal
 - Solid waste (trash) characterization/composition study to identify recycling and reuse opportunities
 - Treatability study for replacement of metal finishing wastewater treatment system
 - Restoration and clean-up for elevator hydraulic oil spills
 - Prepare air permit application packages
 - Decontamination and disposal of articles containing regulated materials (PCB, ammonia, etc.)



Procurement Schedule

Shine Lin, 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
- A procurement schedule will be posted to the procurement website as soon as it is available



One on One Communications

One-on-One Communication with Industry



- Face-to-Face, July 10 1:00pm to 5 pm; via teleconference July 11 8:00 am to 5 pm
- No more than 3 individuals may represent any party or team of parties
- Only one meeting will be allowed
- Meetings will not exceed 25 minutes in length



HOW TO GET CONNECTED

- <http://procurement.jsc.nasa/jes/>
- NASA/JSC Business Opportunities Home Page
Set up your user profile
<http://prod.nais.nasa.gov/cgi-bin/eps/bizops.cgi?gr=D&pin=73>
- NASA Acquisition Internet Service (NAIS)
<http://procurement.nasa.gov>
- JSC Procurement Website
<http://procurement.jsc.nasa.gov/>
- Industry Assistance – Bldg. 111 - JSC



Thank you for attending!

Visit:

<http://procurement.jsc.nasa/jes/>



Backup

JES Industry Day Acronyms



AST – Aboveground Storage Tank

CEMS – Continuous Emission Monitoring System

CGA – Cylinder Gas Audit

EF – Ellington Field

EMS – Environmental Management System

EPCRA – Emergency Planning and Community Right-to-Know Act

EPFOL – El Paso Forward Operating Location

HW- Hazardous Waste

IDIQ - Indefinite Delivery Indefinite Quantity

ISW – Industrial Solid Waste

JES – JSC Environmental Support

JSC – Johnson Space Center

LQG – Large Quantity Generator

MSGP – Multi-Sector General Permit

JES Industry Day Acronyms



NAICS – North American Industry Classification System

NAIS – NASA Internet Acquisition Service

NEPA – National Environmental Policy Act

NESHAPS – National Emission Standards for Hazardous Air Pollutants

NHW – Non-hazardous Waste

ODS – Ozone Depleting Substance

PBR – Permit By Rule

PCB – Polychlorinated Biphenyls

PDT – Procurement Development Team

POTW – Publicly Owned Treatment Works

RATA – Relative Accuracy Test Audit

REC – Record of Consideration

RCRA – Resource Conservation and Recovery Act

SAA – Satellite Accumulation Area

JES Industry Day Acronyms



SCTF – Sonny Carter Training Facility

SPCC – Spill Prevention Control and Countermeasure

SQG – Small Quantity Generator

SSME – Scheduled Start-Up, Shutdown, or Maintenance Event

SWMP – Storm Water Management Program

TCEQ – Texas Commission on Environmental Quality

TRRP – Texas Risk Reduction Program