

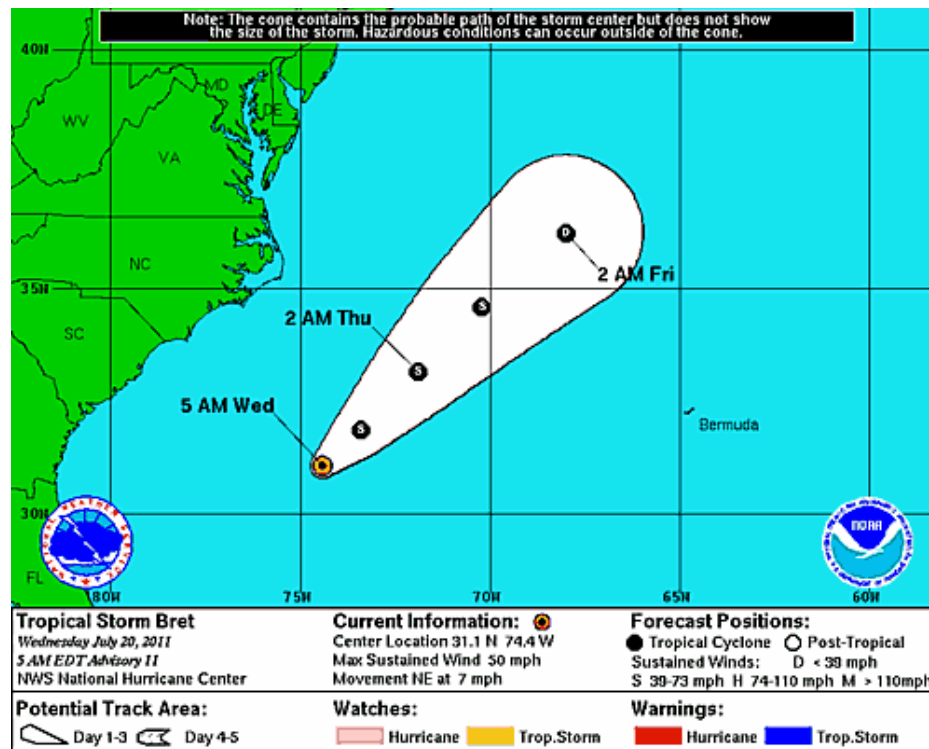


JEA Engineering and Contractor Workshop

July 20, 2011

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JEA Engineering and Contractor Workshop - Agenda

Welcome /Safety Briefing

Greg Perrine, VP Facilities & Logistics Services

Procurement Update

John McCarthy, Director Procurement Services

Update on Infrastructure Projects

Robert Kermitz, Director Projects

Jax Emerging Small Business (JSEB) Programs

Nadine Carswell, Manager JSEB Programs

Contractor Safety Management Process

Paul Thomas, Safety and Health Specialist



Procurement Update

John McCarthy, Director Procurement Services

Procurement Update

Mid-Year Assessment

- Is JEA meeting its program goals?
 - Spread Work among Qualified Engineering Firms
 - Select most Qualified Firm for specific projects
 - Stronger local preference for Firms with offices located in Jacksonville
 - Faster Cycle Times
 - Increased Transparency

JEA's Evaluation Process

Water & Sewer Engineering Services

- During FY11, JEA introduced a new process that involved issuing individual RFPs for each project >\$35K
- JEA's previous process selected Firms from a pool of Firms having General Services Agreements with JEA
- New Process also provided ability to directly assign work <\$35K per project to Pre-Qualified Firms

FY 11 Process Results

- 18 different Firms have received work
- 13 Awards have been made from RFPs for projects > \$35K
- 20 POs have been issued for projects < \$35K
- All Firms awarded work have established offices in Jacksonville
- 5 of the 18 Firms awarded work are locally headquartered in Jacksonville
- 10 JSEB Firms were awarded work

FY 11 Process Results

- Process Cycle Time goals are being met
- Positive feedback from RFP Evaluation Public Meetings
- Posting Top Ranked Proposals to JEA's web site to assist all Firms

Mid-Year Assessment Takeaways

- JEA's process is working effectively in achieving its process goals
- JEA will review the < \$35K work that is directly assigned to determine if there is an opportunity to assign more of this work to local companies
- JEA will conduct an End -Year Assessment to determine if changes are needed at that time

ECS Project Work Review

- Bid Activity Last Quarter
- Specific Work to Bid
 - 4th Quarter FY11
 - 1st Quarter FY12
 - Remainder of FY12
- Standards Update



Bid Activity

What happened last quarter?

Bid Activity Last Quarter - Plants

- Water & Sewer
 - Engineering
 - Arlington East UV Conversion
 - Design/Build
 - Orange St Reservoir Replacement
 - Construction
 - River Oaks WTP Reservoir Rehabilitation
- Miscellaneous
 - Construction
 - Plaza III Parking Garage Concrete Restoration

Bid Activity Last Quarter

Water & Sewer Grid

- Engineering
 - San Jose WM & FM Replacement
 - TWMP: Segments 1, 3,4,5,6
- Construction
 - Royal Lakes Phase 1
 - Royal Lakes Phases 2A
 - Royal Lakes Phases 2B
 - Kingsbury Master Pump Station
 - TWMP: Segment 2 – (Design/Build - Qualifications)
 - CR-210 Twin Creeks MPS to Russell Sampson Rd FM
 - Ortega Hills FM Replacement
 - Ponte Vedra WM Replacement



Bid Activity

What's planned for this quarter?

Electric

- Construction
 - Substations/Transmission
 - Duval to Jacksonville Heights 230 kv Circuit Addition (11.2 Miles)
 - Plants
 - Liquid fuel storage tank at Greenland Energy Center (Expected to advertise 9/01/11)

Water & Sewer

- Plants

- Engineering

- Fairfax Reservoir Rehabilitation

- Expected advertisement date 08/2011

- Mandarin WRF Reclaimed Water High Service Pump Upgrade

- Expected advertisement date 08/2011

- Wellfield Work per CUP Requirements

- Expected advertisement date 08/2011

- Construction

- Buckman BNR, Grit Removal System, & Turbo Blowers

- Expected advertisement date 08/2011

Water & Sewer

- Grid:
 - Engineering
 - San Jose Phase-Out Force Main (Engineering)
 - Riverside Ave. WM Rehab (Engineering)
 - TWMP: Segment 2 – (Design/Build-Full Proposals)
 - Construction
 - Royal Lakes Master Pump Station
 - University Blvd. WM Replacement
 - Normand Blvd WM (Part I)



Bid Activity

What's planned for 1st Quarter FY12

Bid Activity

10/01/11– 12/31/11

Electric

- Substations/Transmission
 - None
- Plants – Construction
 - Liquid Fuel Storage Tank at GEC, Furnish Tank & Construction
 - Miscellaneous Demolition work @ KGS

Bid Activity

10/01/11– 12/31/11

Water & Sewer

- Plants

- None
- Wellfield Construction per CUP Requirements
 - Plugging of Wells
 - Construction of Monitoring Wells
 - Installation of Wetlands Monitoring Wells

Water & Sewer

- Grid

- Engineering

- Gregory Drive FM
- JAX Heights WWT Phase Out FM
- North JAX FM (Trans. Line to Busch Dr.)

- Construction

- Royal Lakes Phase Out: JTB FM Replacement
- TWMP Segment 1
- TWMP Segment 3



Bid Activity

**What's in the queue for the remainder of
FY2012?**

Looking into FY2012 - Plants

- Potential new project work that may be issued during FY2012 (Jan-Sept)
 - Electric
 - Brandy Branch Generating Station Shared Service Bldg
 - Water & Sewer
 - Fairfax WTP Reservoir Rehabilitation
 - Mandarin WRF Reclaimed Water HSP Upgrade
 - Arlington East UV Conversion
 - Buckman Digesters 1 & 2 Cover Replacement
 - Miscellaneous
 - Plaza III Parking Garage Curtain Wall Replacement (Engineering)

Looking into FY2012 – Electric Substations/Transmission

- Potential new project work that may be issued during FY2012 (Jan-Sept)
 - Engineering
 - None
 - Construction
 - Firestone Substation Autotransformer Addition

Looking into FY2012 – Water & Sewer Grid

- Potential new project work that may be issued during FY2012 (Jan-Sept)
 - Engineering
 - COJ Storm Water Utility-Septic Tank Phase-Out Projects
 - Construction
 - TWMP Segment 3
 - TWMP Segment 4
 - TWMP Segment 5
 - TWMP Segment 6
 - San Jose Phase-Out Force Main
 - San Jose WM & FM Replacement
 - Carder St. FM
 - Melvin St. WM
 - Pulaski Road FM
 - North JAX FM (Trans. Line to Busch Dr.)
 - JAX Heights WWT Phase Out
 - COJ Storm Water Utility-Septic Tank Phase-Out Projects

Water & Sewer Standards

- JEA has initiated a project to streamline standard detail sheets for construction projects
 - A reduction in sheets included in plan sets from 12-14 to 5-6.
 - Development of individual design plates that can be referenced in designs.
 - Simplified AutoCad drawings for use by engineers

Water & Sewer Standards

- Upcoming changes
 - More detailed as-built drawing requirements (to support JEA Enterprise Asset Management Program)
 - Annual complete update
- Potential changes
 - Warranty concerns: how to control costs in the long run
 - Swabbing requirements on new lines
 - Connection between Approved Plans and Standards adherence

Jacksonville Small and Emerging Business (JSEB)

Nadine Carswell

carsgs@jea.com

904-665-6257

JSEB Program Overview

- City Ordinance
 - Purpose
 - Eligibility requirements
 - Participation Goals
- City Administration
 - Certification Process
 - Ombudsman Compliance Process
 - Certified JSEB Vendor List

www.cojapps.coj.net/jseb/

JEA's JSEB Activities

- JEA Participation Goal
 - Determining goals
 - Cost Estimates
 - Available pool of resources
 - Monitoring compliance
 - Monthly JSEB spend reports
 - Timeliness of payments
 - Investigation of complaints
- Resolving Disputes
 - Project Manager is Key Contact
 - Good Faith Efforts Required

JSEB Review of Proposals/Bids

- JSEB Firms must be:
 - Currently certified by City
 - First tier sub-consultant or contractor
 - Formally engaged for the dollar amount or percentage of work shown in the proposal/ bid document

JSEB Emerging Issues

- Proposed Ordinance Change for recognition of JSEB supplier spend
- Several JEA JSEB have “graduated” from the program – smaller pool of JSEB available
- Current Water and Sewer work highlights need for growing certain disciplines (e.g., surveying, locates, geotechnical services). Referrals are welcomed....

JSEB Emerging Issues

- Multi-jurisdictional Disparity Study
 - August 26th Kick-off meeting
 - COJ and independent authorities, Duval County School to participate
 - Mason Tillman Associates, Ltd. will conduct study



Contractor Safety Management Process

4th Quarter
Engineering Workshop

Contractor Safety Management Process Elements

- Safety Qualification
- Safety Training
- Zero Tolerance Substance Abuse
- Work Site Safety Assessments

- OSP (OSHA Strategic Partnership) #11

Safety Qualification - Evaluation Items

- ✓ Statistical Requirements
- ✓ Training
- ✓ Safety Program
- ✓ Hazard Communication Program
- ✓ Substance Abuse Program
- ✓ Incident Investigation and Reporting
- ✓ Supervisor/Foreman Accountability

Safety Qualification – Process

- Qualification packet given to Contractor or is available on jea.com
- Contractor submits completed package 10 days prior to bid date
- Packages are evaluated and scored
 - “Accepted” or “Provisional” bid opened/can work
 - “Rejected” – bid not opened/can’t work
- Annual updates are mandatory each spring
- Check your company’s safety status on jea.com





JEA - Business Public Notices - Windows Internet Explorer provided by JEA

http://www.jea.com/business/services/publicnot/index.asp


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JEA - Business Public Notices

can. If you are a vendor who would like to do business with JEA, complete the appropriate application below or contact Paula Jennings, JEA UVC Coordinator, at (904) 665-7594 or via e-mail at uvcrequests@jea.com.

-  [UVC Policies and Procedures](#)
-  [Supplier Application](#)
-  [W9 Form](#)
-  [Safety Application](#)
Includes the Contractor Safety Qualification Questionnaire. You must submit this application in order to work on JEA projects.

For further information contact Paul Thomas at (904) 665-4225.

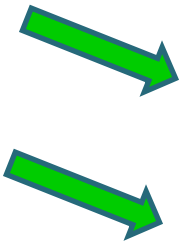
-  [_JEA Safety List of Qualified Vendors](#)

Jacksonville Small and Emerging Business Program (JSEB)
The Jacksonville Ordinance 2004-602, with revised Chapter 126 was approved and enacted on August 10, 2004. This legislation replaces the former Small Business Enterprise/Small Disadvantage Business Enterprise (SBE/SDBE) program with the Jacksonville Small and Emerging Business (JSEB) program. This program applies to local small businesses. There are residency requirements for the owner as well as personal net worth and annual gross receipts limitations. The program eligibility requirements do not include any race, gender nor ethnicity requirements. The listing of eligibility requirements as well as the application form are both available on the [City of Jacksonville's \(coj.net\) website](#). For more information call the City of Jacksonville's Equal Business Opportunity/ Contract Compliance Office at 904-255-8840.

Finding JSEB Firms:
JSEB vendors that have been certified to perform work on JEA contracts can be found on the [City of Jacksonville's \(coj.net\) website](#). The COJ website also includes the JSEB Certification Application and a Summary of JSEB/MBE Certification Requirements.

For further information contact Nadine Carswell at (904) 665-6257 or by e-mail at carsgs@jea.com.

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Training Requirements For Contractor Employees

- Eight Hour NCCER Orientation
or
- OSHA 10 Hour, Construction + 2hr JEA
- The OSHA 10 Hour will require the JEA 2 Hour Operations Specific Orientation
- Other regulatory training as required (substation entry, Emergency Action Plans, scaffolding, respiratory, MOT, etc.)

Training Requirements For Contractor Supervisors

- NCCER or OSHA 10 + 2 and
- Safety Leadership Development or equivalent

Substance Abuse: Zero Tolerance

- Pre-job screening 30 days before reporting to work
- Random samples of 10% of Contractor employees or active worksites monthly
- Post incident
- For cause
- Refusal to test/adulterated = positive test result

Work Site Assessments

Areas of Focus

- Housekeeping
- PPE
- Fall Protection
- Excavations
- Ladders/Scaffolding
- Hoisting/Lifting
- Tools & Equipment
- Vehicle/Mobile Equip
- Permits/Procedures
- Tools & Equipment
- Traffic Control
- Fire Protection

Work Site Assessments - Scoring

- 100% Excellent
- 90% - 99% Minor Improvement
- 80% - 89% Improvement
- 70% - 79% Significant Improvement
- < 70% - Immediate and Significant Improvement



Questions?

Closing

- Next meeting scheduled on Wednesday, October 26, 2011
 - Will continue until no longer desired
- Contact information
 - Jon Eckenbach – eckejp@jea.com – 904-665-7895
 - Greg Perrine – perrgl@jea.com – 904-665-7952
- Questions???