



2020 Water/Wastewater Capital Spend Plan Summit

AGENDA

- Safety Briefing – Joe Perez, Procurement Category Manager
- Welcome/Introductory Remarks – Aaron Zahn, JEA Managing Director/CEO
- Purpose – Deryle Calhoun, VP/GM Water/Wastewater Systems
- Overview of the Water/Wastewater spend plan strategy – John McCarthy, VP & Chief Supply Chain Officer
- Capital Expense Plan Overview – Sean Conner, Director, Project Engineering & Construction
- Contract Requirements: Bryan Dewberry, Manager, Project Controls
- Safety Requirements - Michael Evans, AREC Safety & Health
- Working with Procurement – Jenny McCollum, Director, Procurement Services
- Jacksonville Small & Emerging Businesses – Rita Scott, Manager, Jacksonville Small Emerging Business (JSEB) Programs
- Closing Remarks/Questions/Feedback: Deryle Calhoun/John McCarthy
- Networking – JEA staff and Vendors

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**Water/Wastewater
Capital Spend Plan
Summit**

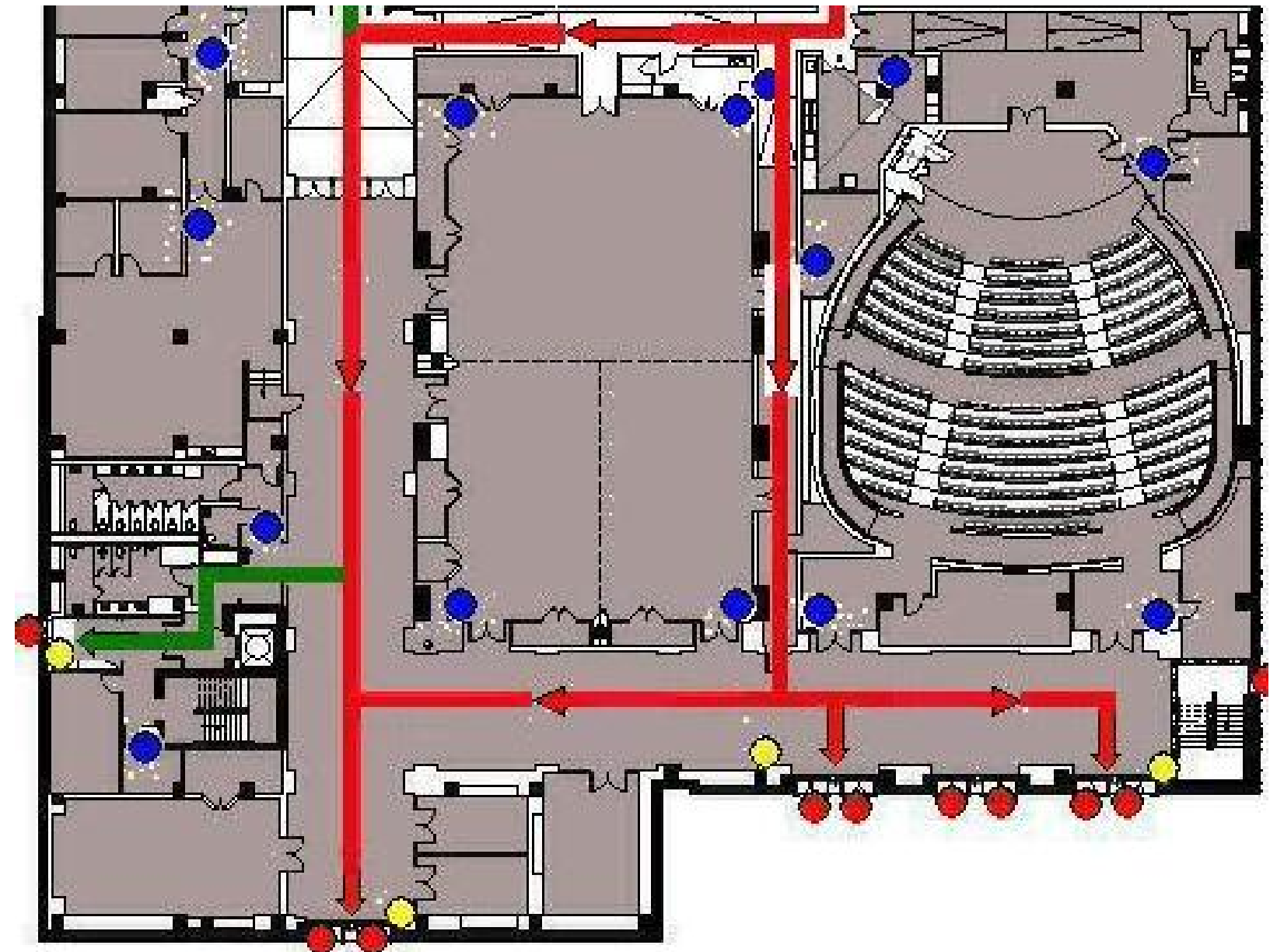
EXIT ROUTES

- Exit routes
- Assembly Point
- 911
- Security
- Extinguishers
- Hazards
- Phones on silent

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Capital Spend Plan
Summit**



Aaron Zahn

JEA Managing Director/CEO

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 **WELCOME**



Deryle Calhoun VP/GM Water/Wastewater Systems

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PURPOSE

- Approximately \$1B of Capital Over Five Years
- Enhance Communication and Interaction with Engineers, Contractors and JSEB Firms
- Increase Number and Quality of Proposers and Bidders – Easier to Do Business
 - Few if any proposal presentations
 - Visit our facilities; talk to our managers
- Set Expectations for All Parties
 - Budget and Schedule are Key Metrics
 - Past Performance and Future Scoring
 - JEA's Project Management – Give Feedback

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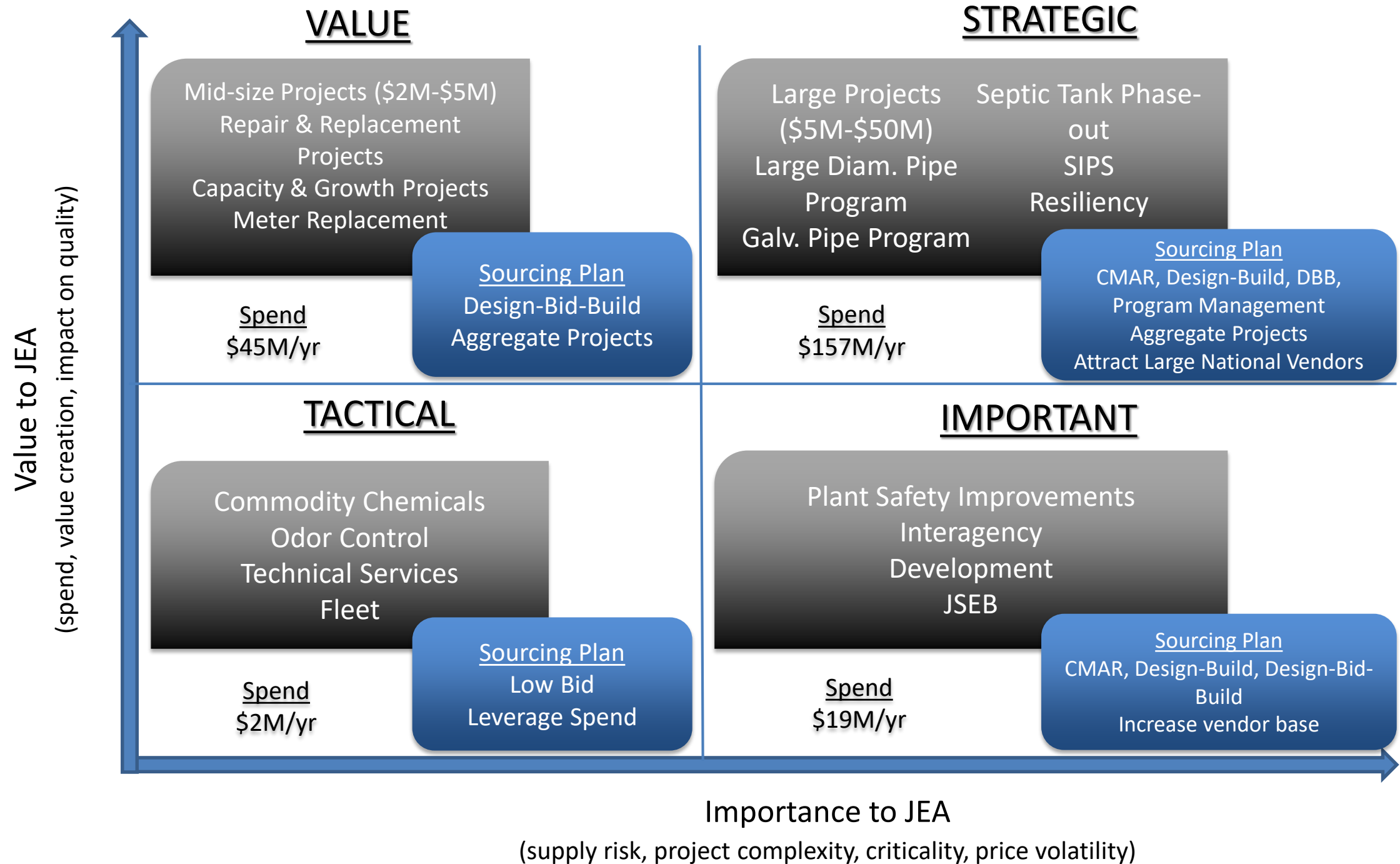
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John McCarthy VP & Chief Supply Chain Officer

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STRATEGY



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Sean Conner Director, Project Engineering & Construction

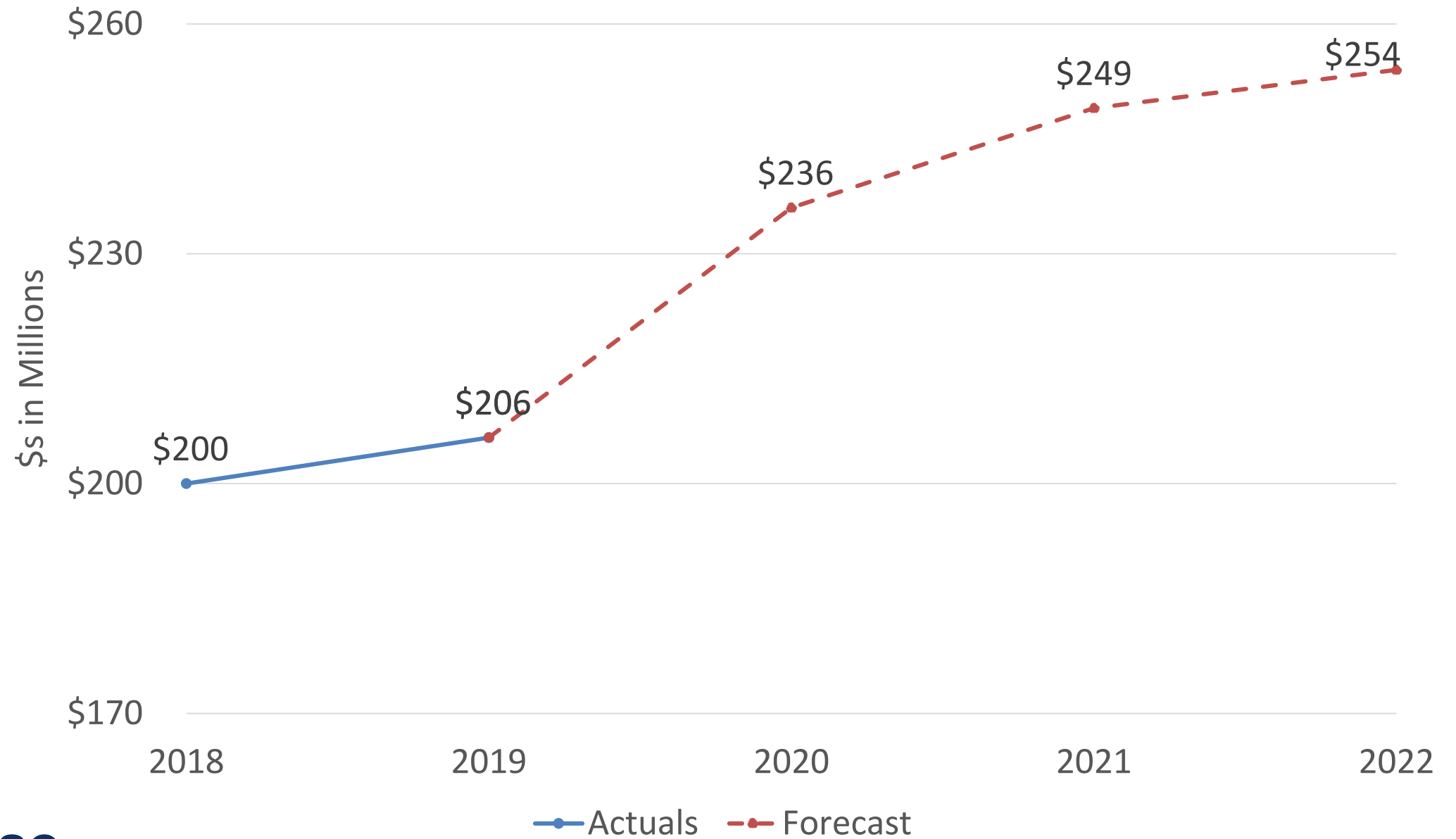
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Capital Expense Plan Overview



Water/Wastewater CAPEX Portfolio



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**Capital Expense
Plan Overview**

Water/Wastewater 5-Year CAPEX

\$s in 1,000

Asset Category	Manager	FY20	FY21	FY22	FY23	FY24
Wastewater Treatment	Bradley Collier	\$95,062	\$120,473	\$109,968	\$67,518	\$19,643
Water Treatment	Brian Phillips	\$27,313	\$37,683	\$18,197	\$10,816	\$8,906
Delivery & Collection	Beth DiMeo	\$47,018	\$47,303	\$36,079	\$14,552	\$12,944
Total		\$169,393	\$205,459	\$164,244	\$92,886	\$41,493

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Project Name	Delivery Method	Status - % Complete	Project Estimated Value (\$'s in 1000)
Nassau Regional WRF - Expansion to 4 MGD	CMAR	Design - 5%	\$43,091
4511 Spring Park Rd Lift Station	DBB	Design - 90%	\$6,339
District II - 10800 Key Haven Bv - Class III/IV	DBB	Design - 90%	\$4,667
District II - Robena Rd Booster WW PS	DBB	Design - 30%	\$4,012
Monterey - 3254 Townsend Rd - Class III/IV - Pump Upgrade	DBB	Design - 0%	\$3,931
Arlington East - 8751 Bayleaf Dr - Class III/IV - Pump Upgrade	DBB	Design - 0%	\$3,823
Monterey - 5838 Pompano - Class III/IV - Pump Upgrade	DBB	Design - 0%	\$3,056
District II - Pulaski Rd Booster WW PS	DBB	Design - 0%	\$1,742
District II - 11308 Harts Rd - Class III/IV	DBB	Design - 30%	\$1,716
Monterey - 7732 Merrill Rd - Class III/IV - Pump Upgrade	DBB	Design - 0%	\$1,599

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Wastewater Treatment Projects Starting in FY20



Blacks Ford WRF

CMAR Plant Improvement Projects	Designer	Contractor
Greenland WRF	Jacobs	Haskell
Buckman Biosolids Upgrade	Carollo	Wharton - Smith
Southwest WRF Expansion	CDM Smith	TBD
Arlington East WRF Upgrade	Hazen Sawyer	TBD
Nassau Regional WRF Expansion*	Hazen Sawyer	TBD

For subcontracting opportunities, contact the firms above

*Nassau Regional is the only CMAR contract that has not been advertised

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Project Name	Delivery Method	Status - % Complete	Project Estimated Value (\$'s in 1000)
Advanced Treatment System at Highlands WTP	PDB	Design - 0%	\$16,708
RiverTown WTP - New 6.0 MGD WTP	DBB	Design - 0%	\$15,606
Twin Creeks RW Storage Tank and Booster PS - R	DBB	Design - 30%	\$11,231
Nocatee South RW Storage Tank and Booster PS - R	DBB	Design - 90%	\$10,004
Greenland WTP - Expansion from 6.0 to 9.0 MGD	DBB	Design - 90%	\$6,619
McDuff WTP - HSP Replacement - ENV	DBB	Design - 30%	\$4,893
Norwood WTP - Rehabilitation	DBB	Design - 30%	\$4,177
Lofton Oaks WTP -Improvements	DBB	Design - 90%	\$3,544

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Water Treatment Projects Starting in FY20



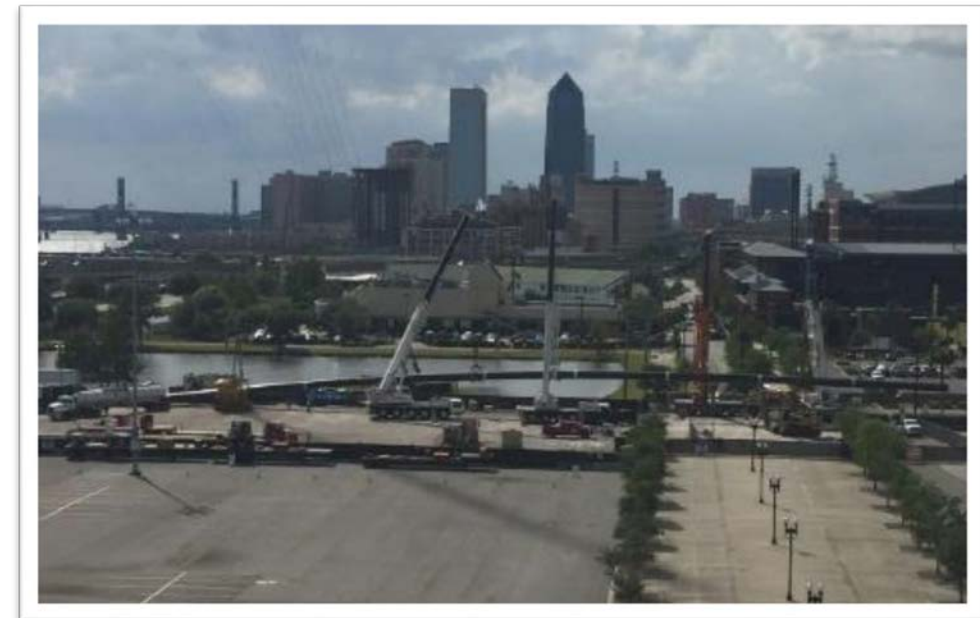
Northwest WTP

Project Name	Delivery Method	Status - % Complete	Project Estimated Value (\$'s in 1000)
5th St W - Imeson Rd to Melson Ave - Trans - New - FM	DBB	Design - 30%	\$12,555
Main St WTP - 1st St to Franklin St - Trans - New - W - ENV	DBB	Design - 90%	\$9,785
Pages Dairy Rd - Felmor Rd to Chester Ave - Trans - WM	DBB	Design - 5%	\$6,240
E 1st St Main St to E 4th St - Raw Water - New - W	DBB	Design - 90%	\$4,933
Ponte Vedra Blvd 6" Cast Iron Replacement	DBB	Design - 30%	\$4,417
Gate Parkway to Burnt Mill Rd - Trans - R	DBB	Design - 60%	\$2,841
Pritchard Rd - Old Plank Rd to Cisco Dr W - Trans - New - W	PDB	Starts FY20	\$2,600
Owens Rd - Ranch Rd to Max Leggett Pkwy - New - W	DBB	Design - 100%	\$1,867
LDP Program - Boulevard St FM & WM Replacement	DBB	Design - 60%	\$2,805
Mandarin Road Loop Connection - Trans - New - WM	DBB	Design - 0%	\$284

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Delivery & Collection Projects Starting in FY20



South Shores Sub-Aqueous FM Crossing

- **SIPS (Southside Integrated Pipe System)**
 - Ensure CUP compliance
 - Increase water production capacity in the South Grid
- **Wellfield Rehabilitation**
 - Improve wellfield capacity, performance and water quality
 - Meet long-term water demands
 - Provide operational flexibility
- **Large-Diameter Pipelines**
 - Prioritize and design replacement of critical large-diameter pipes
 - Execute pipeline projects

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Ron Stewart

(864) 552-1552

ron.stewart@jacobs.com



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**Capital Program
Management**

Bryan Dewberry Manager, Project Controls

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**Contract
Requirements**



CONTRACT REQUIREMENTS

- Invoicing
 - Monthly invoicing is the standard; getting better
 - Consistent invoicing is a must for accurate cash flow forecasting
 - Accruals
 - JSEB Reporting Requirements
- Schedule Requirements
 - All contracts have a schedule requirement; Primavera P6
 - More schedulers on JEA staff to assist with schedule review and helping those new to P6
 - Baselines and monthly updates; best practices
- Notification Requirements – 10 working days of event
 - Initiation of change by company
 - Changes to work schedule or time; time impact analysis

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**Contract
Requirements**

Michael Evans

AREC Safety & Health

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Safety
Requirements



CONSTRUCTION SAFETY

- Brought onboard due to the large number of ongoing construction projects.
- Good Observations
 - Foreman over-seeing projects
 - Per-Job briefings being conducted
 - PPE being used (struggling with safety glasses)
 - Housekeeping
- Needs Improvement
 - Safety glasses
 - Barricading open holes (pedestrian safety)
 - Seat belt use when operating equipment

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Jenny McCollum

Director, Procurement Services

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**Working with
Procurement**



WORKING WITH PROCUREMENT

- Procurement's Role
 - Communications
 - Solicitations
 - Contract Execution
 - Vendor Performance
- Quarterly Reminders

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SCORECARDS

- Engineering/Construction: Performance Criteria
 - Cost
 - Delivery and Support
 - Flexibility and Ease of Doing Business
 - Partnership and Innovation
 - Quality
 - Risk and Contract Compliance
 - Environmental Stewardship
 - JSEB Compliance
 - Safety

JEA
VENDOR PERFORMANCE SCORECARD

The purpose of the JEA Vendor Performance Program is to ensure JEA vendors are successful in the completion of JEA work, and also ensure that JEA receives quality work. A vendor that scores a 1 on any evaluation criteria, or scores an average of less than 2.8 on all evaluation criteria, is considered by JEA to be a deficient performer and may be in default of its contract.

Once a vendor is determined to be a deficient performer, JEA Procurement will schedule a meeting with the corporate officer from the vendor's company, and will review the deficient scorecard with the vendor. During the meeting a performance plan will be agreed upon, and JEA will then re-evaluate the vendor's performance in a certain number of days.

If the vendor's performance does not improve in the agreed upon number of days, the vendor may be provided with a notice that they are in default of the contract, and they risk having their contract terminated for default. A vendor's contract that is terminated for default by JEA, will not be allowed to bid on a JEA project for two (2) years from the date of the termination of default.

Your Name: Today's Date:
 Your Supervisor's Name: Scoring Start Date:
 Project Description: Scoring End Date:
 Vendor: Contract Number:
 JEA Procurement Category Manager: Solicitation Number:

Construction Services

CONSTRUCTION SERVICES

Performance Criteria	Rating	Scale				
		1	2	3	4	5
COST MANAGEMENT Degree to which projects and services are delivered within budget associated	3	>10% over budget	7% to 10% over budget	Must be within budget	1% to 5% below budget with no decline in quality	>10% under budget with no decline in quality
COST CONTROL / REPORTS Quality of process for tracking and providing project costs	4	No process in place; cost data unavailable	Process in place, but data not accurate	Process in place; cost data reports presented weekly	Provides cost explanations w/ detailed breakdowns per schedule and cost request	Provides project cost explanations and detailed breakdowns
COST OVER RUNS Quality of process for tracking and providing project costs	NA	Final cost >10% greater than estimate	Final cost 5% to 10% greater than estimate	Final cost within estimate (within 2%)	Final cost 5% to 10% less than estimate	Final cost <5% less than estimate with original cost estimate

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**Working with
Procurement**

Rita Scott Manager, Jacksonville Small & Emerging Business Program

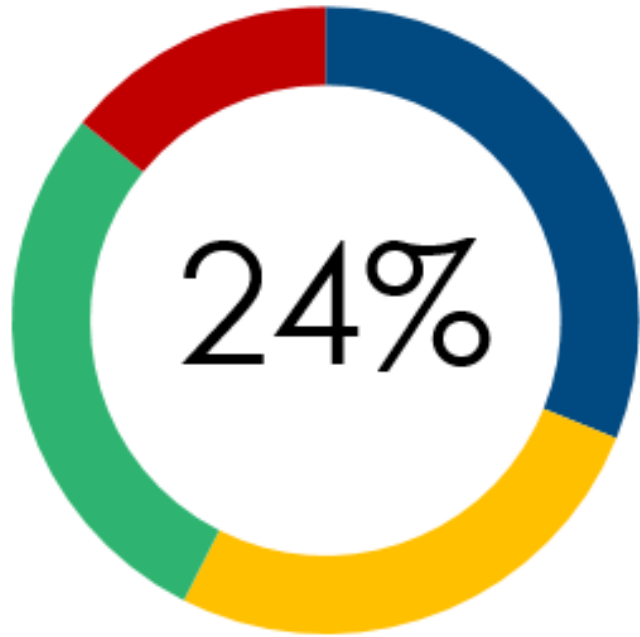
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Available Project Spend

AVAILABLE SPEND

\$65,000,000



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GOAL = 23%

\$15,000,000

JSEB SPEND

\$15,919,452

QTR1 JSEB SPEND

\$4,954,883

QTR2 JSEB SPEND

\$4,192,422

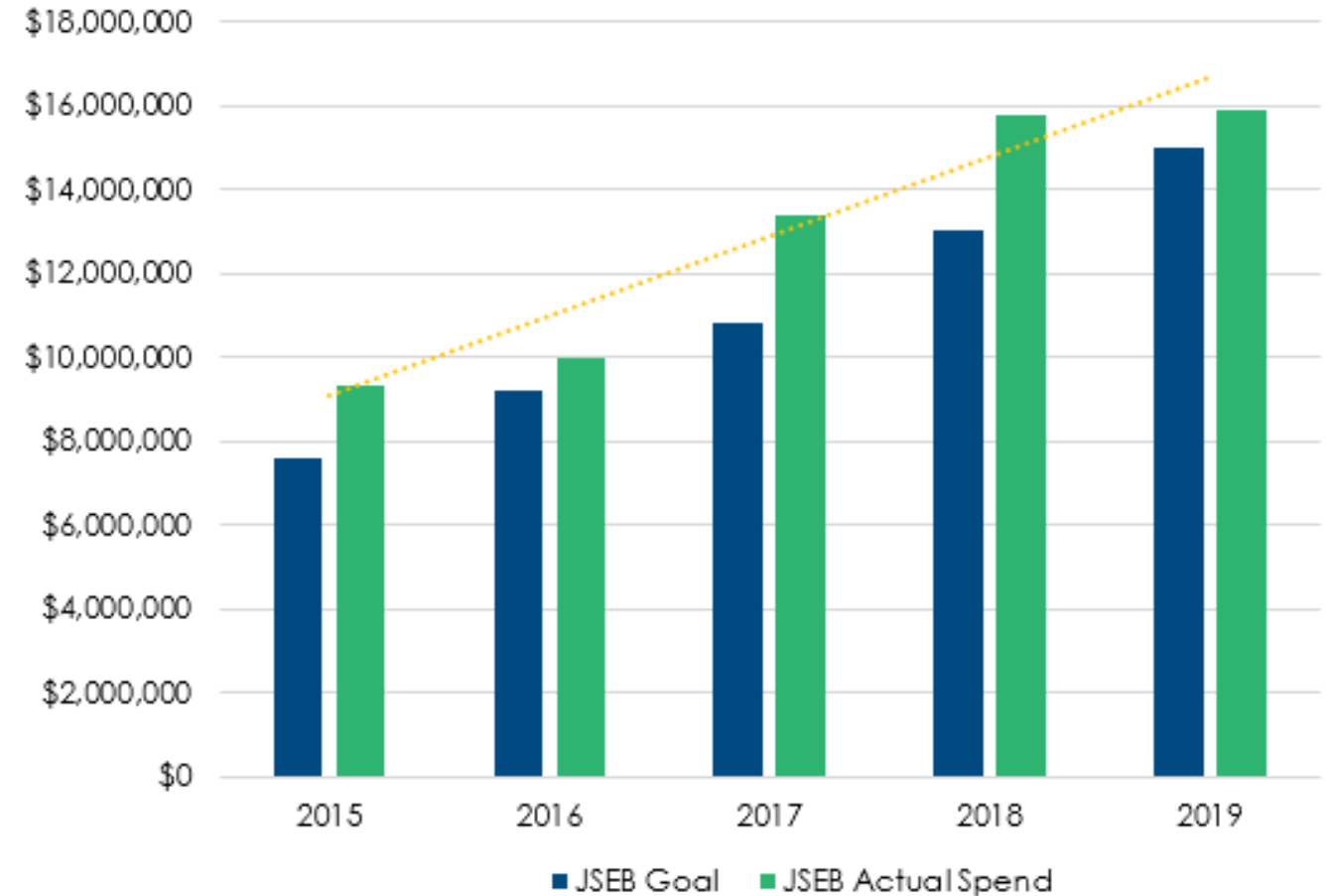
QTR3 JSEB SPEND

\$4,524,815

QTR4 JSEB SPEND

\$2,247,332

Past 5 Years - JSEB Goal vs. Actual Spend



OPPORTUNITIES FOR JSEBs

1.9. JACKSONVILLE SMALL AND EMERGING BUSINESS (JSEB) PROGRAM REQUIREMENTS

1.9.1. JACKSONVILLE SMALL AND EMERGING BUSINESS PROGRAM

It is at the Proposer's option as to whether it chooses to subcontract to a JSEB firm during the Pre-Construction Phase of this project. JEA encourages the use of JSEB qualified firms; however, the Proposer is not required to utilize JSEB firms to be awarded this Contract.

During the development of each GMP Proposer will meet with and provide project documentation to the JSEB Manager to facilitate meeting the JSEB goal for this project. Once the JSEB firms selected for Construction Services have been chosen, the Proposer will submit documentation to demonstrate compliance to the JSEB Manager.

JSEB firms that qualify for this Contract are only those shown on the current City of Jacksonville JSEB directory appearing at www.coj.net. Certification of JSEB firms must come from the City of Jacksonville. No other agency or organization is recognized for purposes of this Contract.

In no case shall the Proposer make changes to the JSEB firms listed in its GMP, revise the JSEB Scope of Work or amount of Work as stated in its GMP without prior written notice to the JEA Contract Administrator, and without subsequent receipt of written approval for the JEA Contract Administrator.

Any subcontractors of Proposer shall procure and maintain the insurance required of Proposer hereunder during the life of the subcontracts. Subcontractors' insurance may either be by separate coverage or by endorsement under insurance provided by Proposer. Note: Any JSEB firms identified by Proposer for this Solicitation are considered "Subcontractors" under the direct supervision of the Prime or General Contractor (herein referred to as Proposer in this Solicitation). Proposer should show good faith efforts in providing assistance to JSEB firms in the securing of Subcontractors' insurance requirements stated in this section. Proposer shall submit subcontractors' Certificates of Insurance to JEA prior to allowing subcontractors to perform Work on JEA's job sites.

All question and correspondence concerning the JSEB program should be addressed to the following contact:

Rita Scott
JSEB Manager
scotri@jea.com

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- Asphalt Services
- Geotechnical
- Civil Engineering Services
- Concrete Services
- Construction Inspection/Services
- Architectural Services
- Well Drilling Services
- Environmental
- Grassing
- Surveying
- Hauling/Trucking Services
- MOT
- Material Supplier
- Painting

JSEB REQUIREMENTS

JSEB Application:
COJ.net

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 JSEB Program

- Owner must either be a resident in Duval County for a minimum twelve (12) consecutive month period immediately preceding the JSEB application date **OR** have an established business headquartered in Duval County for a minimum of 3 years, and be a resident in Duval, St. Johns, Nassau, Baker or Clay County for at least one year
- Personal net worth of \$1,325,000 or less, excluding personal residence
- 3 year average gross receipts do not exceed \$12M
- Own and control more than 51% of business
- Be a for-profit and small business

NEW VENDOR & JSEB WORKSHOP

Rita Scott

Manager, Jacksonville Small
Emerging Business Programs

Email: scotrl@jea.com

Phone: 904.665.6257

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**DOING
BUSINESS
WITH
JEA**

WHEN
3rd Thursday of the Month
@ 3pm

WHERE
JEA
Customer Care Building—Bid Office
21 West Church Street, 1st Floor, Jacksonville, FL

RSVP
jsebprogram@jea.com

WORKSHOP
Discuss Procurement:
- Opportunities
- Process
- Team
JSEB Program
Upcoming Events

BENEFITS
Potential New Vendors
JSEB Vendors
Small Businesses

WWW.JEA.COM/ABOUT/PROCUREMENT

Closing Remarks Q&A

Deryle Calhoun
VP/GM Water/Wastewater
Systems

John McCarthy
VP & Chief Supply Chain
Officer

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Networking

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THANK YOU!