



Fulton County Board of Commissioners
Agenda Item Summary

18-0372

BOC Meeting Date
 6/6/2018

Requesting Agency
 Public Works

Commission Districts Affected
 1, 2, 7

Requested Action *(Identify appropriate Action or Motion, purpose, cost, timeframe, etc.)*
 Request approval of recommended proposal - Department of Public Works, RFP #17RFP031617K-DJ Progressive Design/Build Services for Big Creek Water Reclamation Facility (WRF) Expansions Project Phase 1B in the amount of \$18,450,543.00 with Archer Western - Brown & Caldwell, JV to provide/perform the conceptual engineering and design elements associated with the expansion of the facility to 38 MGD while maintaining complete effluence compliance. The schedule for performance of the Scope of Work is effective upon execution of contract for 15 consecutive months upon issuance of the Notice to Proceed.

Requirement for Board Action *(Cite specific Board policy, statute or code requirement)*
 In accordance with the State of GA O.C.G.A. §36-91 Georgia Local Government Public Works Construction Law, all competitive sealed proposals (RFPs) for public works construction projects (CM at Risk, Construction Program Management, Design/Build Projects) costing \$100,000 or more shall be forwarded to the Board of Commissioners for approval.

Is this Item related to a Strategic Priority Area? *(If yes, note strategic priority area below)*
 Yes All People are healthy

Is this a purchasing item?
 Yes

Summary & Background *(First sentence includes Agency recommendation. Provide an executive summary of the action that gives an overview of the relevant details for the item.)*

Scope of Work: The current Big Creek Water Reclamation Facility (WRF) has recently been approved by the Georgia Environmental Protection Division (EPD) to be expanded from a treatment capacity of 24 Million Gallons a Day (MGD) to 38 MGD. Fulton County Department of Public Works is using the Progressive Design-Build process to perform all engineering, design, construction, and start-up services necessary to complete the expansion of the facility while maintaining effluence compliance. The progressive design builder will provide services in 3 distinct phases –Phase 1A, Phase 1B and Phase 2. Phase 1A consisted of conducting studies and evaluations to determine the most beneficial method of expanding the plant, addressing solids handling and identify construction staging to allow the existing plant to remain in operation.

Phase 1B will include completing 80% of the final engineering design, securing the necessary construction permits, and establishing a Guaranteed Maximum Price to construct the facility as part of Phase 2.

Key components of the Phase 1B scope include:

- Design the facility in accordance with the approved Design Development Report with

Agency Director Approval		County Manager's Approval
Typed Name and Title Felicia Strong-Whitaker, Director	Phone (404) 612-5800	
Signature	Date	

Revised 03/12/09 (Previous versions are obsolete)

- particular emphasis to odor control and membrane bioreactor (MBR) treatment technology.
- Develop the engineering design documents (including preparing and submitting intermediate design review packages) and value-engineering activities in conjunction with Owner.
- Update the Project Execution Plan including the Project Schedule.
- Prepare & submit all documents required to meet all local, state, and federal jurisdictional requirements. Initiate and obtain all necessary permits.
- Prepare a project cost model and provide detailed cost estimates as the design and design alternatives are advanced.
- Submit a negotiated GMP to complete the Phase Two services.

Future Phase 2 will include all construction elements and start-up operations. These phases will be conducted under a future contract between the Archer Western/Brown Caldwell Joint Venture and Fulton County.

Community Impact: No sanitary sewer related operational impacts are expected by this work, but construction activity will involve communication with the surrounding communities.

Department Recommendation: The Department of Public Works recommends the approval of the award of Phase 1B of the Progressive Design/Build Services for Big Creek Water Reclamation Facility (WRF) Expansions Project to Archer Western – Brown & Caldwell, Joint Venture

Project Implications: Project will allow for the full treatment of flows and elimination of the capacity issues keeping the County in compliance with the Georgia EPD.

Community Issues/Concerns: No issues/concerns have been raised by constituents or clients concerning this agenda item. The surrounding community will continue to be engaged during the design process at key design decision points.

Department Issues/Concerns: No issues/concerns have been raised by the Department concerning the proposal received by the Archer Western/Brown Caldwell team. Their proposed cost is consistent with the available budget and the expansion was included in the North Fulton Wastewater Capacity Analysis and Economic Assessment Report which will allow residents of Fulton County to have all capacity needs to continue to be met in the Big Creek Basin.

History of BOC Agenda Item:

CURRENT CONTRACT HISTORY	BOC ITEM	DATE	DOLLAR AMOUNT
Big Creek Phase 1A	17-0795	10/04/17	\$1,599,500.00
Big Creek Phase 1B		6/6/201	\$18,450,543.00
Total			\$20,050,043.00

Contract & Compliance Information (Provide Contractor and Subcontractor details.)

Contract Value: \$18,450,543.00

Prime Vendor: Archer Western/Brown and Caldwell (JV Partners - 7,001,981.07 each @ 50% each)

Prime Status: Non-Minority

Continued

Location: Atlanta, GA
County: Fulton County
Prime Value: \$14,003,962.14 or 75.90%
Subcontractor: **Long Engineering, Inc.**
Subcontractor Status: **White Female Business Enterprise - Certified**
Location: Atlanta, GA
County: Fulton County
Contract Value: \$738,021.72 or 4.00%

Subcontractor: **Ray Group Consulting Engineers, Inc.**
Subcontractor Status: **Asian American Business Enterprise - Certified**
Location: Atlanta, GA
County: Fulton County
Contract Value: \$350,560.32 or 1.90%

Subcontractor: **S. L. KING Technologies, Inc.**
Subcontractor Status: **African American Male Business Enterprise Non-Certified**
Location: Atlanta, GA
County: Fulton County
Contract Value: \$221,406.52 or 1.20%

Subcontractor: **The Architecture Group, Inc.**
Subcontractor Status: **White Female Business Enterprise - Certified**
Location: Atlanta, GA
County: Fulton County
Contract Value: \$498,164.66 or 2.70%

Subcontractor: **Joe Tanner & Associates**
Subcontractor Status: **Non-Minority**
Location: Atlanta, GA
County: Fulton County
Contract Value: \$92,252.72 or 0.50%

Subcontractor: **Brandware Public Relations**
Subcontractor Status: **Non-Minority**
Location: Atlanta, GA
County: Fulton County
Contract Value: \$295,208.69 or 1.60%

Subcontractor: **The Greenbusch Group, Inc.**
Subcontractor Status: **White Female Business Enterprise – Non-Certified**
Location: Seattle, WA
County: King County
Contract Value: \$166,054.89 or 0.90%

Subcontractor: **HGOR**
Subcontractor Status: **Non-Minority**
Location: Atlanta, GA
County: Fulton County

Contract Value: \$332,109.77 or 1.80%
Subcontractor: **Wilmer Engineering, Inc.**
Subcontractor Status: **White Female Business Enterprise - Certified**
Location: Atlanta, GA
County: Fulton County
Contract Value: \$793,373.35 or 4.30%

Subcontractor: **WSP USA**
Subcontractor Status: **Non-Minority**
Location: Atlanta, GA
County: Fulton County
Contract Value: \$92,252.72 or 0.50%

Subcontractor: **Project Controls Cubed, LLC**
Subcontractor Status: **White Female Business Enterprise – Non Certified**
Location: Laguna Beach, CA
County: Orange County
Contract Value: \$701,120.63 or 3.80%

Subcontractor: **Lewis Contracting Services**
Subcontractor Status: **African American Male Business Enterprise - Certified**
Location: Atlanta, GA
County: Fulton County
Contract Value: \$55,351.63 or 0.30%

Subcontractor: **Excel Electrical Technologies, Inc.**
Subcontractor Status: **Non-Minority**
Location: Kennesaw, GA
County: Cobb County
Contract Value: \$110,703.26 or 0.60%

Total Contract Value: **\$18,450,543.00 or 100%**
Total M/FBE Value: **\$3,524,053.71 or 19.10%**

Solicitation Information	NON-MFBE	MBE	FBE	TOTAL
No. Bid Notices Sent:				
No. Bids Received:				
Total Contract Value	\$18,450,543.00 or 100%			
Total M/FBE Values	\$3,524,053.71 or 19.10%			
Total Prime Value	\$14,003,962.14 or 75.90%.			
Fiscal Impact / Funding Source <i>(Include projected cost, approved budget amount and account number, source of funds, and any future funding requirements.)</i> 203-540-5400-S134, Water & Sewer Revenue, Public Works, Big Creek \$18,450,543.00				
Exhibits Attached <i>(Provide copies of originals, number exhibits consecutively, and label all exhibits in the upper right corner.)</i> Exhibit 1: Contractor Performance Report				
Source of Additional Information <i>(Type Name, Title, Agency and Phone)</i> David Clark, P.E., Director, Public Works 404-612-2804				

Agency Director Approval		County Manager's Approval
Typed Name and Title Felicia Strong-Whitaker, Director	Phone (404) 612-5800	
Signature	Date	

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Procurement

Contract Attached: No	Previous Contracts: Yes		
Solicitation Number: 17RFP031617K-DJ	Submitting Agency: Department of Public Works	Staff Contact: David Clark	Contact Phone: 404-612-2804

Description: Progressive Design/Build Services for Big Creek Water Reclamation Facility (WRF) Expansion Project, Phase 1B

FINANCIAL SUMMARY

Total Contract Value:		MBE/FBE Participation:	
Original Approved Amount:	\$1,599,500.00	Amount: .	%. .
Previous Adjustments:	.	Amount: .	%. .
This Request:	\$18,450,543.00	Amount: \$3,524,053.71 or 19.10% .	:
TOTAL:	\$20,050,043.00	Click here to enter text.	
		Amount: .	%. .

Grant Information Summary:

Amount Requested: .	<input type="checkbox"/>	Cash
Match Required: .	<input type="checkbox"/>	In-Kind
Start Date: .	<input type="checkbox"/>	Approval to Award
End Date: .	<input type="checkbox"/>	Apply & Accept
Match Account \$: .		

Funding Line 1: 203-540-5400-S134	Funding Line 2: .	Funding Line 3: .	Funding Line 4: .
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KEY CONTRACT TERMS

Start Date: Upon issuance of NTP	End Date: 15 consecutive months
Cost Adjustment: Click here to enter text.	Renewal/Extension Terms: Click here to enter text.

ROUTING & APPROVALS

(Do not edit below this line)

X	Originating Department:	Clark, David	Date: 5/17/2018
X	County Attorney:	Stewart, Derval	Date: 5/23/2018
X	Purchasing/Contract Compliance:	Strong-Whitaker, Felicia	Date: 5/23/2018
X	Finance/Budget Analyst/Grants Admin:	Freeman, Ashley	Date: 5/17/2018
.	Grants Management:	.	Date: .
X	County Manager:	Anderson, Dick	Date: 5/29/2018

DEPARTMENT OF PURCHASING & CONTRACT COMPLIANCE			
CONTRACTORS PERFORMANCE REPORT PROFESSIONAL SERVICES			
Report Period Start	Report Period End	Contract Period Start	Contract Period End
11/16/2017	5/16/2018	11/16/2017	5/16/2018
PO Number			PO Date
540 PORFP031617K-DJ			11/16/2017
Department	Public Works		
Bid Number	17RFP031617K-JD		
Service Commodity	Progressive Design Build for Big Creek Water Reclamation Facility Expansions Project - Phase 1A		
Contractor			<input type="button" value="Reset"/>
	Archer Western – Brown & Caldwell Joint Venture		
<p>0 – Unsatisfactory Achieves contract requirements less than 50% of the time, not responsive, effective and/or efficient, unacceptable delay, incompetence, high degree of customer dissatisfaction.</p> <p>1 = Poor Achieves contract requirements 70% of the time. Marginally responsive, effective and/or efficient; delays require significant adjustments to programs; key employees marginally capable; customers somewhat satisfied.</p> <p>2 = Satisfactory Achieves contract requirements 80% of the time; generally responsive, effective and/or efficient; delays are excusable and/or results in minor programs adjustments; employees are capable and satisfactorily providing service without intervention; customers indicate satisfaction.</p> <p>3 = Good Achieves contract requirements 90% of the time. Usually responsive; effective and/or efficient; delays have not impact on programs/mission; key employees are highly competent and seldom require guidance; customers are highly satisfied.</p> <p>4 = Excellent Achieves contract requirements 100% of the time. Immediately responsive; highly efficient and/or effective; no delays; key employees are experts and require minimal directions; customers expectations are exceeded.</p>			

1. Quality of Goods/Services (-Specification Compliance - Technical Excellence - Reports/Administration - Personnel Qualification)

Comments:

0

1

2

3

4

The Contractor's administration is adequate for the work load. Assigned personnel and subcontractors are very qualified and responsive in the development of technical information and reports. The qualifications of the Archer Western – Brown & Caldwell Joint Venture have matched their technical expertise in the presentations and workshops that have been held for the project.

2. Timeliness of Performance (-Were Milestones Met Per Contract - Response Time (per agreement, if applicable) - Responsiveness to Direction/Change - On Time Completion Per Contract)

Comments:

0

1

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4

Contractor is responsive in presenting options for the expansion project and is fluid in responding to equipment selection changes and develops a plan of action in a timely manner. The team has met all contract requirements and hit all established milestones.

3. Business Relations (-Responsiveness to Inquiries - Prompt Problem Notifications)

Comments:

0

1

2

3

4

The Contractor is very responsive to inquiries made by the County on equipment and processes and have effectively shown options and impacts of different equipment.

4. Customer Satisfaction (-Met User Quality Expectations - Met Specification - Within Budget - Proper Invoicing - No Substitutions)

Comments:

0

1

2

3

4

Contractor has worked within the contract budget and has met all of the expectations involved in the preliminary. Project Invoicing is detailed and accurate.

5. Contractors Key Personnel (Credentials/Experience Appropriate Effective Supervision/Management Available as Needed)

- 0
- 1
- 2
- 3
- 4

Comments:

The Contractor has shown that assigned staff has the credentials and expertise to perform the design phases of the work. Personnel from different disciplines have been made available as needed for additional input in this Phase of the project.

Overall Performance Rating: 4.0		
Would you select/recommend this vendor again? (Check box for Yes. Leave Blank for No) <input type="radio"/> Yes <input type="radio"/> No	Rating completed by:	Ray.Wooten <i>Ray Wooten</i> 5/16/18
Department Head Name <i>David Clark</i>	Department Head Signature <i>[Signature]</i>	Date 5/16/2018