

BOC Meeting Date  
10/7/2020

## Requesting Agency

Public Works

## Commission Districts Affected

2

**Requested Action** *(Identify appropriate Action or Motion, purpose, cost, timeframe, etc.)*

Request approval of recommended proposal - Department of Public Works, RFP# 18RFP1032018K-DJ, Membrane System for Big Creek Water Reclamation Facility Expansion in the amount of \$21,233,700.00 with Kubota Membrane USA for the Total Fixed Membrane Systems (including Membranes, Equipment, Engineering, Start-up, Training and all Warranty / Guarantees for the Big Creek Wastewater Reclamation Facility Expansion. Effective upon execution of contract for fifty-four (54) 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 Health and Human Services

**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 Membrane Bioreactor (MBR) treatment process has been chosen for the Big Creek Water Reclamation Facility Expansion from 24 MGD to 32 MGD. This is the same treatment process currently in operation at both the Johns Creek Environmental Campus (JCEC) and Little River Wastewater Reclamation Facilities.

A competitive RFP was issued by Fulton County in October 2018 for the selection of the most qualified manufacturer of an efficient MBR system for the Big Creek facility. Upon evaluation of the four (4) written proposals and oral interview presentations, the Evaluation Committee has recommended that the system proposed by Kubota Membrane USA is the most qualified system and should be incorporated into the design of the Big Creek facility. In February 2019, the Board of Commissioners awarded a design contract to - Kubota Membrane USA to develop their final design of the MBR system to be included in the construction of the Big Creek facility expansion. This action was BOC #19-0091.

**Agency Director Approval****County Manager's Approval**

Typed Name and Title

Felicia Strong-Whitaker, Director

Phone

(404) 612-5800

Signature

Date

Since February 2019, Kubota has been working with Fulton County staff and the Archer-Western/Brown and Caldwell Joint Venture team to fully incorporate the Kubota MBR system into the design of the expansion. On July 8, 2020, the BOC approved the Guaranteed Maximum Price (GMP) from the Archer-Western/Brown and Caldwell, Joint Venture for the construction of the expansion. The GMP did not include the purchase of the membrane system. During the development of the GMP, it was determined that there would be significant cost savings if the County purchased the system directly instead of purchase by the Design/Build Contractor.

The purchase of the membrane system includes:

1. Membranes and Equipment
  - a. Membranes
  - b. Permeate System
  - c. Piping
  - d. Membrane Air Scour Blowers
  - e. RAS Pumping System
  - f. Membrane Chemical Feed and Cleaning Systems
  - g. Compressed Air/Entrained Air Removal/Priming System
  - h. Control System, Instrumentation, and Control Valves
  - i. All Remaining Equipment and Materials, including 2 years of spare parts
2. Engineering, Startup, Training, and Warranty/Guarantee
  - a. Shop Drawings and Submittals
  - b. Factory Inspection and Testing
  - c. Construction Assistance
  - d. Operations and Maintenance Training
  - e. Pre-Operational Checkout and Testing
  - f. Functional Testing
  - g. Start-up Testing
  - h. Acceptance Testing
  - i. 10-year, non-prorated, Membrane Warranty and Performance Guarantee

**Community Impact:** No community impacts are expected by the purchase of the membrane system.

**Project Implications:** If the membrane system is not purchased, the expansion of the Big Creek WRF cannot move forward and the wastewater capacity improvements for developments and residents in North Fulton County will not occur.

**Community Issues/Concerns:** No issues/concerns have been raised by constituents or clients concerning this agenda item or proposed treatment process.

**Department Issues/Concerns:** The Big Creek WRF Expansion project needs to be implemented timely to meet EPD requirements. The proposed cost is consistent with the available budget and the membrane system will be incorporated into the Big Creek Expansion project to stay on schedule 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:** New procurement. The design of the membrane system was approved by the BOC under item #19-0091 on 2/06/2019

## Continued

<b>Contract &amp; Compliance Information</b>	<i>(Provide Contractor and Subcontractor details.)</i>
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**Contract Value:** **\$21,333,700.00**

**Prime Vendor:** **Kubota Membrane USA Corporation**

**Prime Status:** **Non-Minority**

**Location:** Bothell, WA

**County:** Snohomish County

**Prime Value:** \$21,333,700.00 or 100.00%

**Total Contract Value:** **\$21,333,700.00 or 100.00%**

**Total MBE Value:** **\$-0-**

<b>Solicitation Information</b>	<b>NON-MFBE</b>	<b>MBE</b>	<b>FBE</b>	<b>TOTAL</b>
No. Bid Notices Sent:				
No. Bids Received:				

  

<b>Total Contract Value</b>	<b>\$21,333,700.00 or 100.00%</b>
<b>Total M/FBE Values</b>	<b>\$0.00</b>
<b>Total Prime Value</b>	<b>\$21,333,700.00 or 100.00%</b>

  

<b>Fiscal Impact / Funding Source</b>	<i>(Include projected cost, approved budget amount and account number, source of funds, and any future funding requirements.)</i>
235-540-5400-S157: W&S Construction-2020, Public Works, Big Creek Plant Expansion - \$21,233,700.00	

  

<b>Exhibits Attached</b>	<i>(Provide copies of originals, number exhibits consecutively, and label all exhibits in the upper right corner.)</i>
Exhibit 1: Evaluation Committee Letter	
Exhibit 2: Contractor Performance Report	

  

<b>Source of Additional Information</b>	<i>(Type Name, Title, Agency and Phone)</i>
David Clark, Director, Public Works – 404-612-2804	

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

Continued

**Procurement****Contract Attached:**  
No**Previous Contracts:**  
Yes**Solicitation Number:**  
18RFP1032018K-DJ**Submitting Agency:**  
Public Works**Staff Contact:**  
David Clark**Contact Phone:**  
404-612-2804**Description:** Membrane System for Big Creek Water Reclamation Facility Expansion.**FINANCIAL SUMMARY****Total Contract Value:**

Original Approved Amount: .

Previous Adjustments: .

This Request: \$21,233,700.00

TOTAL: \$21,233,700.00

**MBE/FBE Participation:**

Amount: . %: .

Amount: . %: .

Amount: .00 0.00%: .

Amount: . %: .

**Grant Information Summary:**

Amount Requested: . ☐ Cash

Match Required: . ☐ In-Kind

Start Date: . ☐ Approval to Award

End Date: . ☐ Apply & Accept

Match Account \$: .

**Funding Line 1:**

235-540-5400-S157

**Funding Line 2:**

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**Funding Line 3:**

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**Funding Line 4:**

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**KEY CONTRACT TERMS****Start Date:**

Upon Notice to Proceed

**End Date:**

Fifty-four (54) consecutive months

**Cost Adjustment:**

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**Renewal/Extension Terms:**

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**ROUTING & APPROVALS**

(Do not edit below this line)

X	Originating Department:	Clark, David	Date: 9/3/2020
X	County Attorney:	Stewart, Denval	Date: 9/24/2020
X	Purchasing/Contract Compliance:	Strong-Whitaker, Felicia	Date: 9/28/2020
X	Finance/Budget Analyst/Grants Admin:	Freeman, Ashley	Date: 9/3/2020
.	Grants Management:	.	Date: .
X	County Manager:	Anderson, Dick	Date: 9/29/2020



## **INTEROFFICE MEMORANDUM**

**TO:** Felicia Strong-Whitaker, Director  
Department of Purchasing & Contract Compliance

**FROM:** Evaluation Committee Recommendation Letter

**DATE:** January 25, 2019

**PROJECT:** 18RFP1032018K-DJ, Membrane System for Big Creek Water  
Reclamation Facility Expansion

In accordance with the Purchasing Code, a duly appointed Evaluation Committee has reviewed the proposals submitted in response to the above-reference project on behalf of the Public Works Department.

Four (4) qualified firms submitted proposals for evaluation and consideration for award of this project:

1. Kubota Membrane USA (KMO) Corp.
2. Microdyn-Nadir US, Inc/C-Insights (JV)
3. EVOQUA Water Technologies, LLC
4. Zenon Environmental d/b/a SUEZ Water Technologies & Solutions

After review of the technical proposal oral presentations were held with each proposer:

1. Kubota Membrane USA (KMO) Corp.
2. Microdyn-Nadir US, Inc/C-Insights (JV)
3. EVOQUA Water Technologies, LLC
4. Zenon Environmental d/b/a SUEZ Water Technologies & Solutions
5. After review, evaluation and consideration of all available information related to the requirements and evaluation criteria of the RFP, the Evaluation Committee has determined that the proposal submitted by Kubota Membrane USA (KMO) Corp. with a total score of 85.01, is the recommended vendor for the award of 18RFP1032018K-DJ, Membrane System for Big Creek Water Reclamation Facility Expansion.

The Evaluation Committee members attest that each member scored each proposal independently in accordance with the evaluation criteria set forth in the Request for Proposal and that their individual score is a part of the final scores in the attached Evaluation Matrix.

***SELECTION COMMITTEE MEMBERS:***

*David Clark*

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Director  
Public Works Department

*Roy Barnes*

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Deputy Director  
Public Works Department

*Brandon Ward*

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Operations and Maintenance Engineer  
Public Works Department

EVALUATION CRITERIA	WEIGHT	Kubota Membrane USA (KMO) Corp	Microdyne-Nadir US, Inc./C-Insights JV	Zenon Environmental d/d/a SUEZ Water Technologies & Solutions	EVOQUA Water Technologies, LLC
Experience	13%	10.83	6.50	11.92	9.75
Technical Approach	20%	18.33	10	16.67	16.67
O & M Considerations	20%	20	11.67	10	15
Manufacturer’s Service	5%	4.17	3.33	4.17	4.17
Net Present worth of Operating Costs	20%	19.22	18.57	20	19.24
Service Disabled Veterans Preference	2%	0	0	0	0
Local Preference	5%	0	0	0	5
Cost Proposal	15%	12.46	12.78	14.90	15
TOTAL SCORE:	100	85.01	62.84	77.65	84.82



## INTEROFFICE MEMORANDUM



**TO:** Felicia Strong-Whitaker, Director,  
Purchasing & Contract Compliance

**FROM:** David E. Clark, P.E., Director, *DC*  
Department of Public Works

**DATE:** January 28, 2019

**SUBJECT:** Award Recommendation RFP18RFP1032018K-DJ  
Membrane System for Big Creek Water Reclamation  
Facility Expansion

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In accordance with Fulton County policy, Water Resources has reviewed the submitted proposals in response to the Membrane System for Big Creek Water Reclamation Facility Expansion for Proposals, received December 17, 2018.

Four vendors submitted proposals for evaluation and consideration for award:

1. Evoqua Water Technologies
2. Kubota Membrane USA
3. Microdyn-Nadir US, Inc.
4. Zenon Environmental Corporation d/b/a SUEZ Water Technologies & Solutions

Public Works recommends award of the Membrane System for Big Creek Water Reclamation Facility Expansion for Proposals to Kubota Membrane USA who scored highest in the evaluation.

David, Please let me know if you prefer me to print and bring the physical copy to your office.

DEPARTMENT OF PURCHASING & CONTRACT COMPLIANCE			
CONTRACTORS PERFORMANCE REPORT PROFESSIONAL SERVICES			
Report Period Start	Report Period End	Contract Period Start	Contract Period End
7/1/2020	9/30/2020	7/8/2020	7/8/2024
PO Number			PO Date
540 17RFP031617K-DJ			8/25/2020
Department			
Bid Number	RFP18RFP1032018K-DJ		
Service Commodity	Professional Services		
Contractor	Kubota Membrane USA		

<b>0 = Unsatisfactory</b>	<i>Achieves contract requirements less than 50% of the time, not responsive, effective and/or efficient, unacceptable delay, incompetence, high degree of customer dissatisfaction.</i>
<b>1 = Poor</b>	<i>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.</i>
<b>2 = Satisfactory</b>	<i>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.</i>
<b>3 = Good</b>	<i>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.</i>
<b>4 = Excellent</b>	<i>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.</i>

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

- Comments:**  
Kubota has provided expert technical guidance to selecting and designing a membrane system. They have been a valued partner to the County based on the professional services they provided.
- ☐ 0  
☐ 1  
☐ 2  
☐ 3  
☒ 4

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:**  
Kubota consistently meets deadlines, milestones, and goals. They are extremely responsive when called upon and are able to meet the goals set forth under the contract documents.
- ☐ 0  
☐ 1  
☐ 2  
☐ 3  
☒ 4

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

- Comments:**
- ☐ 0  
☐ 1  
☐ 2  
☐ 3

- ☒ 4 Kubota & Fulton County have a great working relationship. This has developed from our past history of working together on difficult but successful projects.

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

- ☐ 0 **Comments:**  
Fulton County personnel is very satisfied with the services that have been rendered. Kubota has been able to meet our department's expectations within allotted budgets while providing excellent service and products.
- ☐ 1
- ☐ 2
- ☐ 3
- ☒ 4

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

- ☐ 0 **Comments:**  
Key personnel for Kubota are very knowledgeable and possess the technical expertise Fulton County expects. They have always been readily available and able to assist when called upon.
- ☐ 1
- ☐ 2
- ☐ 3
- ☒ 4

Overall Performance Rating: 4.0		
Would you select/recommend this vendor again? (Check box for Yes. Leave Blank for No) <input checked="" type="radio"/> Yes <input type="radio"/> No	Rating completed by:	terry.peters
Department Head Name	Department Head Signature	Date
David Clark		9/2/2020