



Interoffice Memorandum

SEE MINUTES
FOR MOTION

BCC Mtg. Date: Aug. 16, 2016

July 25, 2016

TO: Mayor Teresa Jacobs
and the Board of County Commissioners

FROM: Carrie Woodell, Manager, Procurement Division

CONTACT: Andres Salcedo, P. E., Assistant Director, Utilities Department
(407) 254-9719

SUBJECT: Consultant Selection, Request for Proposals Y16-904-PH,
Engineering Services for Continuing Water Resources Program

RECOMMENDATION

Selection of one firm and an alternate to provide Engineering Services for Continuing Water Resources Program, Request for Proposals Y16-904-PH, from the following firms listed alphabetically. Further recommend the Board authorize execution of the final contract by the Procurement Division to establish hourly rates for future requirements. The contract's performance period will be five years with three 1-year renewals.

Parsons Brinckerhoff, Inc.
Tetra Tech, Inc.

This item was evaluated by the Procurement Committee on July 20, 2016. Commissioner Siplin was assigned to the Procurement Committee.

PURPOSE

To select one firm for negotiation of a contract to provide engineering services to support the County's water resources program.

DISCUSSION

The program will emphasize a system-wide approach to prioritizing and solving the future water resources challenges facing the County. Interrelationships among the available water resources such as groundwater, reclaimed (reuse) water, potable water, and stormwater will be addressed on a long-term basis. The program will consider the various County departments, local municipalities, regulatory agencies, institutions, and various stakeholders in the County's future water resource solutions.

Y16-904-PH

Engineering Services for Water Resources Program

This approach, combined with cooperative solutions, will allow the County's groundwater, surface water, reclaimed water, and stormwater resources to be used in the most effective and beneficial manner. The management of all of these water resources will enhance the reuse of reclaimed water and stormwater, optimize recharge of aquifers, mitigate the effects of groundwater withdrawal, provide augmentation of water supplies, and develop sustainable sources of water.

Orange County Utilities successfully provides water service to over 190,000 customers and wastewater service to over 198,000 customers in Orange County. Potable water demand is anticipated to increase from 66 MGD today to approximately 95 MGD by 2025. Orange County currently obtains 100% of its potable water from the Floridan aquifer, however projects are in the planning phase that will result in the use of alternate water supplies, such as surface water.

During the same period, reclaimed water capacity is expected to increase significantly. Use of reclaimed water currently consists of residential, commercial, agricultural, and golf course irrigation systems, rapid infiltration basins (RIB's), constructed wetlands, and cooling water for electrical power generation.

The County also maintains a network of stormwater canals, detention/retention ponds, control structures, gauging stations, pumping facilities, and drain wells. These facilities provide flood protection and improve the quality of stormwater runoff by removing pollutants. Future stormwater management and possible use of stormwater as a potential new water source to supplement existing water supplies is needed in addition to promoting water quality and flood protection goals. Currently water supply, reclaimed water, and stormwater facilities are generally managed independently of each other. Adoption of an integrated management approach is expected to provide numerous benefits and cost savings.

The County continues to invest in new infrastructure to provide service to our customers and to continually improve customer satisfaction. To support ongoing and future projects it is necessary to solicit professional services to provide both general consulting services and program management services for the Orange County Water Resources Program.

RFP#: Y16-904-PH	PROJECT		PROJECT		PROJECT		M/WBE		LOCATION		VOLUME		SCOPE		Vetrans		Wage RCP		TOTAL
CONTINUING WATER RESOURCES PROGRAM	MANAGER		ENGINEER		TEAM														
WEIGHT	10		10		20		15		10		15		20		2		1		
	RAW SCORE	WEIGHTED SCORE	RAW SCORE	WEIGHTED SCORE	RAW SCORE	WEIGHTED SCORE	RAW SCORE	WEIGHTED SCORE	RAW SCORE	WEIGHTED SCORE	RAW SCORE	WEIGHTED SCORE	RAW SCORE	WEIGHTED SCORE	RAW SCORE	WEIGHTED SCORE	RAW SCORE	WEIGHTED SCORE	
Parsons Brinckerhoff, Inc.	5.0	50.0	5.0	50.0	5	100.0	4	60	5	50	4	60	5	100.0	0	0	0	0	470.0
Tetra Tech, Inc.	3.0	30.0	5.0	50.0	4	80.0	4	60	5	50	4	60	4	80.0	1	2	0	0	412.0



Interoffice Memorandum

BUSINESS DEVELOPMENT DIVISION

July 19, 2016

TO: Patty Hobbs, Senior Contract Administrator, Procurement Division
FROM: ^{A.B.} Angela Brown, Senior Contract Administrator, Business Development
SUBJ: Y16-904/PH / Continuing Water Resources Program
APPROVED: Sheena Ferguson
Sheena Ferguson, BDD Manager

Listed below are respondents to the subject RFP with their sub-consultants and M/WBE participation score on a 1 – 5 scale (RFP GOALS: M/WBE-27% & EEO-24%):

	Projected %	Sub-Consultant Role
1. TETRA TECH, INC. Majority Prime		
<u>M/WBE Subconsultants:</u>		
Barnes, Ferland and Associates, Inc. (African American Male)	10%	Hydrogeological Support, Well, Construction, Water Resources, Survey
EPIC Group, LLC (Asian Islander Male)	8%	GIS, Water Resources
3E Consultants, Inc. (African American Male)	6%	Ecological, Ground Water Monitoring, Water Resources
CPW Construction, Inc. (African American Female)	3%	Construction, Ground Water Monitoring, SRF Assistance
Total M/WBE Participation:	27%	
EEO Staff:	30%	
Points:	4	

BONUS POINTS:

No Welfare Recipient(s) Proposed

Registered Service Disabled Veteran(s)
Proposed:

Gator Environmental & Aquifer Restoration, Inc.	1	Groundwater Quality and Sampling
Total Bonus Points:	2	

2. **PARSONS BRINCKERHOFF, INC.**
Majority Prime

M/WBE Subconsultants:

Liquid Solutions Group, LLC (Hispanic Male)	22%	Civil Engineering, Environmental Engineering, and Other Engineering Services
Barnes, Ferland and Associates, Inc. (African American Male)	4%	Geology, Survey, Environmental Consulting, Water and Wastewater Management, Groundwater Management
Environmental Management & Design, Inc. (White Female)	1%	Environmental and Water Resource Consulting Services
Total M/WBE Participation:	27%	
EEO Staff:	37%	
Points:	4	

BONUS POINTS:

No Welfare Recipient(s) Proposed

No Registered Service Disabled Veteran(s)
Proposed

Total Bonus Points: **0**