



## Small Business Development Division Project Worksheet

**Project/Contract Title:** DESIGN-BUILD SERVICES FOR THE CONSTRUCTION OF A NEW DRINKING WATER LABORATORY BUILDING AT THE ALEXANDER ORR, JR. WATER TREATMENT PLANT  
**Project/Contract No:** DB16-WASD-02 (BUILD)  
**Department:** WATER AND SEWER  
**Estimated Cost of Project/Bid:** \$5,343,102.00

**Received Date:** 05/16/2016

**Funding Source:** FUTURE WASD REVENUE  
**Resubmittal Date(s):** BONDS, WAS

**Description of Project/Bid:** The scope of services shall include, but is not limited to, surveying, geotechnical investigations, engineering, programming, engineering and architectural design, technical specifications, construction drawings and documents, permitting, construction, construction management, coordination, testing and commissioning services of the new Drinking Water Laboratory to replace the existing undersized and deteriorated laboratory. The design and construction services rendered by the Design-Builder shall result in a complete, functional and operable Drinking Water Laboratory to house a total staff of twenty (20) people and twelve (12) visitors.

### Contract Measures Recommendation

Measure	Program	Goal Percent
Goal	SBE/GS	2.58%
Goal	SBE/CONS	15.02%

### Reasons for Recommendation

#### SMALL BUSINESS ENTERPRISE - CONSTRUCTION

An analysis of the factors contained in Section VI. C. of Implementing Order 3-22 indicates a 15.02% Small Business Enterprise - Construction Sub-Contractor Goal is appropriate for the trades of Framing Contractors (3.56% - Structural), Plumbing, Heating and Air-Conditioning Contractors (3.39% - Mechanical), Electrical Contractors and other Wiring Installation Contractors (3.00% - Electrical), Other Heavy and Civil Engineering Construction (3.20% - Civil) & Painting and Wall Covering Contractors (1.87% - Coating & Finishes).

#### SMALL BUSINESS ENTERPRISE - GOODS & SERVICES

An analysis of the factors contained in section VIII. B. of Implementing Order 3-41 & Ordinance 14-41 indicates a 2.58% Small Business Enterprise - Goods & Services Sub-Contractor Goal is also appropriate for this contract in Analytical Studies and Surveys (91812).

CWP Not Applicable: Not in DTA

Commodity Code: 91812-Analytical Studies And Surveys (Consulting)

Trade Category: 237990-Other Heavy And Civil Engineering Construction; 238130-Framing Contractors; 238210-Electrical Contractors And Other Wiring Installation Contractors; 238220-Plumbing, Heating, And Air-Conditioning Contractors; 238320-Painting And Wall Covering Contractors

### Small Business Contract Measure Recommendation

Subtrade	Cat.	Estimated Value	% of Items to Base Bid	Availability
Analytical Studies and Surveys (Consulting)	SBE/GS	\$137,852.03	2.58%	
Other Heavy and Civil Engineering Construction	SBE/CONS	\$170,979.26	3.20%	
Painting and Wall Covering Contractors	SBE/CONS	\$99,916.01	1.87%	
Electrical Contractors and Other Wiring Installation Contractors	SBE/CONS	\$160,293.06	3.00%	
Plumbing, Heating, and Air-Conditioning Contractors	SBE/CONS	\$181,131.16	3.39%	
Framing Contractors	SBE/CONS	\$190,214.43	3.56%	
<b>Total</b>		<b>\$940,385.95</b>	<b>17.60%</b>	

**Living Wages:** YES ☐ NO ☒

**Highway:** YES ☐ NO ☒

**Heavy Construction:** YES ☐ NO ☒

**Responsible Wages:** YES ☒ NO ☐

**Building:** YES ☒ NO ☐

*Responsible Wages and Benefits applies to all construction projects over \$100,000 that do not utilize federal fund. For federally funded projects, unless prohibited by federal or state law or disallowed by a governmental funding source, the HIGHER wage between Davis Bacon and Responsible Wages and Benefits shall apply.*


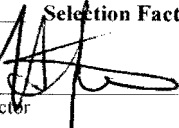


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REVIEW RECOMMENDATION			
Tier 1 Set Aside _____		Tier 2 Set Aside _____	
Set Aside _____	Level 1 _____	Level 2 _____	Level 3 _____
Trade Set Aside (MCC) _____		Goal _____	Bid Preference _____
No Measure _____	Deferred _____	Selection Factor _____	
CWP _____	 SBD Director		 Date 5/24/16



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DESIGN-BUILD SERVICES FOR THE CONSTRUCTION OF A NEW  
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ORR, JR. WATER TREATMENT PLANT  
DB16-WASD-02 (DESIGN)

Received Date: 05/13/2016

Project/Contract No:

Department:

Estimated Cost of Project/Bid: \$981,195.00

WATER AND SEWER

Funding Source:

FUTURE WASD REVENUE  
BONDS, WAS

Resubmittal Date(s):

Description of Project/Bid:

The scope of services shall include, but is not limited to, surveying, geotechnical investigations, engineering, programming, engineering and architectural design, technical specifications, construction drawings and documents, permitting, construction, construction management, coordination, testing and commissioning services of the new Drinking Water Laboratory to replace the existing undersized and deteriorated laboratory. The design and construction services rendered by the Design-Builder shall result in a complete, functional and operable Drinking Water Laboratory to house a total staff of twenty (20) people and twelve (12) visitors.

### Contract Measures Recommendation

Measure	Program	Goal Percent
Goal	SBE/AE	14.98%

### Reasons for Recommendation

An analysis of the factors contained in Section V. C. of Implementing Order 3-32, as well as the factors contained in the project package indicates a 14.98% SBE-A&E Sub-Consultant Goal is appropriate for this contract.

Technical Category: 0603-W & S Sewer Sys-W & S Sewage Treatment Plant; 0901-Drilling Subsurface Investigations & Seismographic; 0902-Geotechnical & Materials Engineering Services; 0903-Concrete And Asphalt Testing Services; 0904-Non-Destructive Testing And Inspections; 1002-Environmental Engineering-Geology Services; 1005-Environmental Eng-Contamination Assess & Monitor; 1006-Environmental Eng-Remedial Action Plan Design; 1007-Environ Eng-Remedial Action Plan Imple/Oper/Maint; 1100-General Structural Engineering; 1200-General Mechanical Engineering; 1300-General Electrical Engineering; 1400-Architecture; 1501-Surveying And Mapping-Land Surveying; 1503-Underground Utility Location; 1600-General Civil Engineering; 1700-Engineering Construction Management; 1800-Architectural Construction Management; 1909-Value Analysis/Life-Cycle Costing-Soils Foun/Mater; 2000-Landscape Architecture; 2200-Ada Title II Consultant

### Small Business Contract Measure Recommendation

Subtrade	Cat.	Estimated Value	% of Items to Base Bid	Availability
GENERAL STRUCTURAL ENGINEERING	SBE/AE	\$39,247.80	4.00%	
GENERAL MECHANICAL ENGINEERING	SBE/AE	\$21,586.29	2.20%	
GENERAL ELECTRICAL ENGINEERING	SBE/AE	\$21,586.29	2.20%	
UNDERGROUND UTILITY LOCATION	SBE/AE	\$9,811.95	1.00%	
ENGINEERING CONSTRUCTION MANAGEMENT	SBE/AE	\$33,164.39	3.38%	
LANDSCAPE ARCHITECTURE	SBE/AE	\$5,887.17	0.60%	
ADA TITLE II CONSULTANT	SBE/AE	\$5,887.17	0.60%	
SURVEYING AND MAPPING-LAND SURVEYING	SBE/AE	\$9,811.95	1.00%	
Total		\$146,983.01	14.98%	

Living Wages: YES ☐ NO ☒

Highway: YES ☐ NO ☒

Heavy Construction: YES ☐ NO ☒

Responsible Wages: YES ☐ NO ☒

Building: YES ☐ NO ☒

Responsible Wages and Benefits applies to all construction projects over \$100,000 that do not utilize federal fund. For federally funded projects, unless prohibited by federal or state law or disallowed by a governmental funding source, the HIGHER wage between Davis Bacon and Responsible Wages and Benefits shall apply.




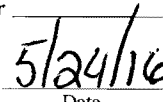
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