



Small Business Development Division Project Worksheet

Project/Contract Title:

DESIGN-BUILD SERVICES FOR THE INSTALLATION OF A 54-INCH DIAMETER WATER TRANSMISSION MAIN NEAR RED ROAD FROM JOHN E. PRESTON TREATMENT PLANT TO WEST 53 STREET

Received Date: 04/12/2018

Project/Contract No:

DB17-WASD-02 (BUILD)

Funding Source:

FUTURE WASD REVENUE
BONDS, WASD REVENUE

Resubmittal Date(s):

Department:

WATER AND SEWER

Estimated Cost of Project/Bid: \$28,321,367.00

Description of Project/Bid:

DESIGN-BUILD SERVICES FOR THE INSTALLATION OF A 54-INCH DIAMETER WATER TRANSMISSION MAIN NEAR RED ROAD FROM JOHN E. PRESTON TREATMENT PLANT TO WEST 53 STREET

Contract Measures Recommendation		
Measure	Program	Goal Percent
Goal	SBE/GS	0.50%
Goal	SBE/CONS	10.40%
Workforce Goal	CWP	10.00%

Reasons for Recommendation
<p>SMALL BUSINESS ENTERPRISE - CONSTRUCTION An analysis of the factors contained in Section VI. C. of Implementing Order 3-22 indicates that a 10.4% Small Business Enterprise – Construction (SBE-CONS) Subcontractor goal is appropriate for the trades of Water and Sewer Line Related Structures Construction (7.0%-Demolition & Site Preparation Construction), Commercial and Institutional Building Construction (1.5%-General Contractor/MOT), and Highway, Street, and Bridge Construction (1.9%-Paving).</p> <p>The construction amount is \$26,972,730.00 plus a 5% Contingency (\$1,348,637.00).</p> <p>SMALL BUSINESS ENTERPRISE - GOODS An analysis of the factors contained in section VIII. B. of Implementing Order 3-41 & Ordinance 14-41 indicates a 0.5% Small Business Enterprise - Goods Subcontractor goal is appropriate for this contract in Pipe, Tubing and Accessories (Not Fittings) (0.5%)(68500).</p> <p>CWP Estimated Workforce: CWP Workforce Recommendation:</p> <p>Commodity Code: 65800-Pipe And Tubing Trade Category: 236220-Commercial And Institutional Building Construction; 237110-Water And Sewer Line And Related Structures Construction; 237310-Highway, Street, And Bridge Construction</p>

Small Business Contract Measure Recommendation				
Subtrade	Cat.	Estimated Value	% of Items to Base Bid	Availability
PIPE AND TUBING	SBE/GS	\$141,606.84	0.50%	
Highway, Street, and Bridge Construction	SBE/CONS	\$538,105.97	1.90%	
Water and Sewer Line and Related Structures Construction	SBE/CONS	\$1,982,495.69	7.00%	
Commercial and Institutional Building Construction	SBE/CONS	\$424,820.51	1.50%	
Total		\$3,087,029.00	10.90%	

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 5-15-18



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Project/Contract No: DB17-WASD-02 (DESIGN) **Funding Source:**
Department: WATER AND SEWER **Resubmittal Date(s):**
Estimated Cost of Project/Bid: \$2,967,000.00 **FUTURE WASD REVENUE BONDS, WASD REVENUE**
Description of Project/Bid: DESIGN-BUILD SERVICES FOR THE INSTALLATION OF A 54-INCH DIAMETER WATER TRANSMISSION MAIN NEAR RED ROAD FROM JOHN E. PRESTON TREATMENT PLANT TO WEST 53 STREET

Measure Goal	Program SBE/AE	Goal Percent 24.00%
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SMALL BUSINESS ENTERPRISE - ARCHITECTURAL & ENGINEERING (SBE/AE)
 An analysis of the factors contained in the project package, as well as the factors contained in Section V. B. 2. C. of Implementing Order 3-32 indicates a 24% SBE/AE Sub-Consultant goal is appropriate for this contract.

The A/E services estimated base amount is \$2,697,273.00 plus a 10% contingency (\$269,727.00).

Technical Category: 0302A-Tunnel Design; 0304-Highway Systems-Traffic Engineering Studies; 0601-W & S Sewer Sys-Water Dist & Sanitary Sewage Coll; 0601A-Utility Tunneling For Water And Sewer Systems; 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; 1100-General Structural Engineering; 1200-General Mechanical Engineering; 1501-Surveying And Mapping-Land Surveying; 1503-Underground Utility Location; 1600-General Civil Engineering; 1700-Engineering Construction Management

Subtrade	Cat.	Estimated Value	% of Items to Base Bid	Availability
HIGHWAY SYSTEMS-TRAFFIC ENGINEERING STUDIES	SBE/AE	\$89,010.00	3.00%	
GENERAL STRUCTURAL ENGINEERING	SBE/AE	\$59,340.00	2.00%	
GENERAL MECHANICAL ENGINEERING	SBE/AE	\$29,670.00	1.00%	
SURVEYING AND MAPPING-LAND SURVEYING	SBE/AE	\$89,010.00	3.00%	
UNDERGROUND UTILITY LOCATION	SBE/AE	\$118,680.00	4.00%	
DRILLING SUBSURFACE INVESTIGATIONS & SEISMOGRAPHIC	SBE/AE	\$59,340.00	2.00%	
GEOTECHNICAL & MATERIALS ENGINEERING SERVICES	SBE/AE	\$59,340.00	2.00%	
CONCRETE AND ASPHALT TESTING SERVICES	SBE/AE	\$29,670.00	1.00%	
ENVIRONMENTAL ENG-CONTAMINATION ASSESS & MONITOR	SBE/AE	\$29,670.00	1.00%	
ENGINEERING CONSTRUCTION MANAGEMENT	SBE/AE	\$148,350.00	5.00%	
Total		\$712,080.00	24.00%	

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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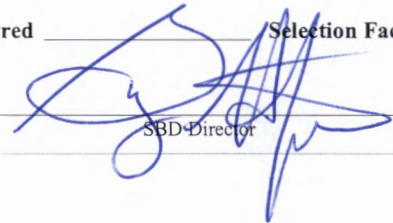
Tier 1 Set Aside _____ Tier 2 Set Aside _____

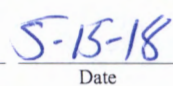
Set Aside _____ Level 1 _____ Level 2 _____ Level 3 _____

Trade Set Aside (MCC) _____ Goal _____ Bid Preference _____

No Measure _____ Deferred _____ Selection Factor _____

CWP _____


SBD Director


Date