



Small Business Development Division

Project Worksheet

Project/Contract Title: Civil Infrastructure Engineering Services

Received Date: 12/12/2018

Project/Contract No: E18-SEA-04

Funding Source: Seaport
Bonds/Loan

Department: Seaport

Estimated Cost of Project/Bid: \$6,600,000.00

Description of Project/Bid: The scope of services will consist of the design phase services in support of the construction document development for the program of improvements. This may also include design; system implementation/ integration; and commissioning support to implement civil infrastructure improvements to final acceptance. The Consultant shall provide all services inclusive of: project meetings; field investigations and data collection support; document review; drawings; developing technical specifications; special conditions; developing construction phasing plans (as needed); construction staging areas; calculations; project schedules; design/system criteria; site and environmental assessments; surveys; conduct studies; civil engineering associated with sewer and drainage systems; pump stations; structural and electrical and water distribution engineering; value engineering; construction documents; coordination with regulatory agencies during design permitting and construction activities; bidding/procurement; post-design services; capacity and useful life expectancy; preparation of a prioritized rehabilitation or replacement schedule; project audits; sustainability initiatives; contamination assessments; remedial action plans; inspections; surface investigations and underground inspections; subsurface drilling and geotechnical investigations; materials sampling and testing; condition assessments; feasibility analysis; technical report presentations; permitting; construction inspection services, including, but not limited to: review of shop drawings, proposed substitutions and contractor's pay requests; change order analysis; responding to Requests For Information.

Contract Measures Recommendation

Measure	Program	Goal Percent
Goal	SBE - A&E	18.00%
Goal	SBE - Services	0.50%

Reasons for Recommendation

SMALL BUSINESS ENTERPRISE - ARCHITECTURAL & ENGINEERING (SBE-A&E)

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 that a 18.00% SBE-A&E Sub-Consultant Goal is appropriate for this contract in the following Technical Categories: TC 5.09 (Port and Waterway Systems - Environmental Design) -1.00%, 8.00 (Telecommunications Systems) - 1.00%, 9.01 (Soils, Foundations and Materials Testing - Drilling, Subsurface Investigations and Seismographic Services) - 3.00%, 9.02 (Soils, Foundations and Materials Testing - Geotechnical and Materials Engineering Services) - 1.00%, 10.01 (Environmental Engineering - Stormwater Drainage Design Engineering Services) - 4.00%, 11.00 (General Structural Engineering) -1.00%, 12.00 (General Mechanical Engineering) - 1.00%, 13.00 (General Electrical Engineering) - 3.00%, 15.01 (Land Surveying) - 2.00% and 17.00 (Engineering Construction Management) - 1.00%.

SMALL BUSINESS ENTERPRISE - SERVICES (SBE-Services)

An analysis of the factors contained in the project package, as well as the factors contained in Section VIII.B. of Implementing Order 3-41 & Ordinance 16-109 indicates a 0.50% Small Business Enterprise - Services (SBE-Services) Subcontractor Goal is appropriate for this contract in Commodity #96618 (Copying Services, Reproduction).

** This project will be awarded under two (2) different contracts of approximately \$3,300,000 each. **

MDC-TCC 16 GENERAL CIVIL ENGINEERING, MDC-TCC 05-09 ENVIRONMENTAL DESIGN, MDC-TCC 05-10 TRANSPORTATION SYSTEMS DESIGN, MDC-TCC 06-01 WATER DISTRIBUTION AND SANITARY SEWAGE COLLECTION AND TRANSMISSION, MDC-TCC 08 TELECOMMUNICATION SYSTEMS, MDC-TCC 11 GENERAL STRUCTURAL ENGINEERING, MDC-TCC 12 GENERAL MECHANICAL ENGINEERING, MDC-TCC 13 GENERAL ELECTRICAL ENGINEERING, MDC-TCC 17 ENGINEERING CONSTRUCTION MANAGEMENT, MDC-TCC 09-01 DRILLING, SUBSURFACE INVESTIGATIONS AND SEISMOGRAPHIC SERVICES, MDC-TCC 09-02 GEOTECHNICAL AND MATERIALS ENGINEERING SERVICES, MDC-TCC 10-01 STORMWATER DRAINAGE DESIGN ENGINEERING SERVICES, MDC-TCC 15-01 Surveying and Mapping - Land Surveying

Small Business Contract Measure Recommendation

<u>Subtrade</u>	<u>Category</u>
Port and Waterway Systems – Environmental Design	SBE - A&E
Telecommunication Systems	SBE - A&E
Drilling, Subsurface Investigations and Seismographic Services	SBE - A&E
Geotechnical and Materials Engineering Services	SBE - A&E
Stormwater Drainage Design Engineering Services	SBE - A&E
General Structural Engineering	SBE - A&E
General Mechanical Engineering	SBE - A&E
General Electrical Engineering	SBE - A&E
Land Surveying	SBE - A&E
Engineering Construction Management	SBE - A&E
Copying Services (Reproduction)	SBE - Services

Living Wages: YES NO Highway: YES NO Heavy Construction: YES NO
Responsible Wages: YES NO Building: YES NO



SBD Director

1-7-19

Date