

SBD - CM Review Form

To:	Project Review and Analysis - A&E		
From:	SBD Engineer - Eric Perez		
Department:	WASD	Contact:	Patty Palomo
Date:	2/6/2020	Resubmittal:	

PROJECT NUMBER:	Project No. E19-WASD-02
PROJECT TITLE:	DESIGN AND ENGINEERING SERVICES FOR TERTIARY TREATMENT AT THE CENTRAL DISTRICT WASTEWATER TREATMENT PLANT
PROJECT LOCATION:	CDWWTP Plant

SCOPE OF WORK/DESCRIPTION:

Design services to be provided by the Consultant will include, but are not limited to, the following:

1. Conducting design engineering of tertiary treatment facilities including design of High-Level Disinfection facilities and other improvements.
2. Conducting analysis and studies as needed to support design phase services, including hydraulic and process modeling.
3. Developing technical specification and construction documents.
4. Assisting WASD in the evaluation and preparation of procurement methods for equipment.
5. Assisting WASD in permitting and regulatory interaction with agencies, as required, to ensure regulatory compliance.
6. Assisting WASD in the bid process, including responding to Request for Information (RFI's), reviewing bids, preparing conformed documents.
7. Providing engineering services during construction including, but not limited to, reviewing and responding to all contractor submittals, reviewing and responding to all contractor claims, reviewing and responding to RFI's, starting up and testing services, reviewing final certification documents provided by the contractor and engineering inspection services.
8. Coordinating project progress and submittals with WASD and the Owner's Representative/Project Manager.
9. Participating in project coordination and regular meetings with the Owner's Representative and WASD.

SPECIAL REQUIREMENTS: The Prime is highly preferred to have successfully designed in the last ten (10) years at least one (1) new or upgraded Wastewater Treatment Plant(s) (WWTP) with at least one (1) being a high purity oxygen WWTP with a capacity of fifty (50) million gallons per day (MGD) or greater and one (1) being a WWTP with filtration and disinfection of secondary effluent to meet all applicable Federal, State and Local regulations including Florida Department Environment Protection High Level Disinfection standards. The new plant or upgrades to an existing plant must be either in the construction phase or commissioned. The Prime and/or Subconsultants (Team) submitting a proposal should be experienced in the design, permitting and construction management of a large regional WWTP. The Team should also have experience with design and commissioning (start up, testing, and operator training) of wastewater treatment plant upgrades. The Team shall provide a list of members of the proposed Design Team, identifying the overall Design Manager(s) and the Team leaders for key design specialties (process-liquids and solids stream treatment, civil, structural, mechanical, electrical, and instrumentation) and the specific role each one of them will perform.

The Subconsultant(s) shall provide experience specific to their proposed responsibilities. The descriptions shall include the client (i.e. municipality or agency), key project staff, a summary of the work performed, the contract amount, the schedule (to include start and completion dates) the specific role of the Subconsultant firm, the project's achievements (e.g., projects delivered on schedule, dollars saved, innovative designs, etc.) and client reference and contact information.

The expertise must be met by a qualified individual(s) of the Prime and/or Subconsultant firm(s), as applicable. The experience must be demonstrated by direct or substantial involvement of the individual(s) in a supervisory capacity at the Project Manager level or above. The determination of the individual's qualifications and compliance with the experience and qualifications and preference stipulations shall be at the sole discretion of the County. The Competitive Selection Committee (CSC) may negatively evaluate proposals from firms they determine have failed to meet the above experience and qualification(s). Information regarding the experience and qualification(s) and preference stipulations for the prime and Architectural & Engineering sub-consultants, must be included in ISO Form No. 11 which may be submitted more than once per individual Team member firm as applicable.

WASD intends to retain one (1) qualified firm under a Non-Exclusive Professional Services Agreement (PSA).

Initial: E.P.

Date: 2/6/20

CATEGORIES	PERCENTAGE	COMMENTS
PRIME		
TC 6.03 Water and Sanitary Sewer Systems - Water and Sanitary Sewage Treatment Plants	46	
TC 17.00 Engineering Construction Management	2	
SUB-CONSULTANT		
TC 9.01 SBE-A/E- Soils, Foundations and Material Testing- Drilling Subsurface Investigations and Seismographic Services	1	*Possible opportunities for Small Businesses
TC 9.02 SBE-A/E- Soils, Foundations and Materials Testing - Geotechnical and Materials Engineering Services	1	*Possible opportunities for Small Businesses
TC 10.05 Environmental Engineering Assessment and Monitoring	1	*Possible opportunities for Small Businesses
TC 11.00 SBE-A/E- General Structural Engineering	15	*Possible opportunities for Small Businesses
TC 12.00 SBE-A/E- General Mechanical Engineering	15	*Possible opportunities for Small Businesses
TC 13.00 SBE-A/E- General Electrical Engineering	15	*Possible opportunities for Small Businesses
TC 15.01 SBE-A/E- Surveying and Mapping – Land Surveying	0.5	*Possible opportunities for Small Businesses
TC 15.03 SBE-A/E- Surveying and Mapping - Underground Utility Location	0.5	*Possible opportunities for Small Businesses
TC 16.00 SBE-A/E- General Civil Engineering	3	*Possible opportunities for Small Businesses
100		
Total Estimated Professional Fees		\$17,000,000.00

Small Business Development CM Signature:  Date: 2/6/2020

***Prime/Sub-Consultants identified for possible opportunities by SBD A/E**

WASD is recommending **16%**

Initial: E. P.

Date: 2/6/20