

SBD - CM Review Form

To: Project Review and Analysis - A&E	
From: SBD Engineer - Eric Perez	
Department: WASD	Contact: Patty Palomo
Date: 2/24/2020	Resubmittal:

PROJECT NUMBER:	Project No. E19-WASD-03
PROJECT TITLE:	Design and Engineering Services for the Electrical Distribution Building and its Appurtenant Facilities at the North District Wastewater Treatment Plant
PROJECT LOCATION:	North District Wastewater Treatment Plant


SCOPE OF WORK/DESCRIPTION: WASD is seeking one (1) engineering firm to provide design and engineering services for electrical distribution building and its appurtenant facilities at the North District Wastewater Treatment Plant. The detailed scope of services is attached as "Notice to Professional Consultants." The term for the Non-Exclusive Professional Services Agreement (PSA) is five (5) years with a one (1) five (5) years option-to-renew. The selected Consultant will perform design and engineering services for the replacement Electrical Distribution Building and its Appurtenant Facilities at the North District Wastewater Treatment Plant, services will include, but are not limited to, the following: Conducting design engineering for the electrical building and its appurtenant facilities at the North District Wastewater Treatment Plant, Conducting analysis and studies as needed to support design phase services, Developing technical specification and construction documents, Assisting WASD in the evaluation and preparation of procurement methods for equipment, Assisting WASD in permitting and regulatory interaction with agencies, as required, to ensure regulatory compliance, Assisting WASD in the bid process, including responding to Request for Information (RFI's), reviewing bids, preparing conformed documents, Providing design 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 and reviewing final certification documents provided by the contractor, and coordinating project progress and submittals and attend regular meetings with WASD's Project Manager.

SPECIAL REQUIREMENTS: The Prime and/or Subconsultants (Team) are highly preferred to be experienced in the design, permitting, engineering services during construction of an electrical distribution building at a large regional wastewater treatment plant. The Lead electrical engineer should have successfully designed, constructed, and currently operating at least one (1) electrical distribution building of 20 MVA or greater. The Team should also have experience with design and commissioning (start up, testing, and operator training) of the electrical distribution building of similar scope and complexity. The Team should provide a list of members of the proposed Design Team, identifying the overall Design Manager(s) and the Team leaders for key design specialties (civil, structural, mechanical, electrical, and instrumentation) and the specific role each one of them will perform. Additionally, the Team should have the following experience with the design and construction of the following components within the last ten (10) years: • 13.2 kV medium voltage distribution, Multiple generator design and associated paralleling switchgear, Negotiations of large electrical services with FP&L, Fire protection design of large electrical facilities, Associated above ground fuel facilities, Electrical protection of large electrical buildings

Initial: E.P.

Date: 2/24/20

CATEGORIES	PERCENTAGE	COMMENTS
PRIME		
TC 6.03 Water and Sanitary Sewer Systems	1	*Possible opportunities for Small Businesses
TC 13.00 General Electrical Engineering	80	
TC 17.00 Engineering Construction Management	2	
SUB-CONSULTANT		
TC 11.00 General Structural Engineering	10	*Possible opportunities for Small Businesses
TC 12.00 General Mechanical Engineering	2	
TC 16.00 SBE-A/E- General Civil Engineering	1	
TC 9.01 9.01 Soils, Foundations and Material Testing - Drilling, Subsurface Investigations	1	
TC 9.02 9.02 Soils, Foundations and Materials Testing - Geotechnical	1	
TC 10.05 Environmental Engineering - Contamination Assessment	1	
TC 15.01 Surveying and Mapping - Land Surveying	1	
	100	
Total Estimated Professional Fees	\$9,600,000.00	

Small Business Development CM Signature:  Date: 2/24/2020

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

WASD is recommending **17%**