

SBD - CM Review Form

To:	Project Review and Analysis - A&E	Contact:	Patty Palomo
From:	SBD Engineer - Eric Perez	Resubmittal:	
Department:	WASD		
Date:	12/28/2020		

PROJECT NUMBER:	Project No. E20-WASD-08
PROJECT TITLE:	Integrated Master Plan and Engineering Technical Support Services
PROJECT LOCATION:	various locations/projects

SCOPE OF WORK/DESCRIPTION: The Scope of Services includes but is not limited to, providing master planning and on-going, multidisciplinary technical, engineering, surveying and planning support for WASD's operations and capital improvement program. WASD intends to retain one (1) qualified consultant under a Non-Exclusive Professional Services Agreement for a five (5) year term at the County's sole discretion will be awarded under this solicitation. Key objectives of the integrated master planning effort include: Evaluate water and sewer system operational performance and asset condition with the objective of identifying operational and capital improvement requirements. Estimate future water and sewer demands and corresponding infrastructure requirements. Utilize enterprise data (SCADA, EAMS, GIS, AMI, etc.) as inputs in a comprehensive operational and capital planning process. Develop a detailed 5-year capital improvement plan based the above analyses, with recommendations for longer term improvements in further planning horizons (2030, 2040, etc.). Additional scope found on Notice to Professional Consultants issued by WASD.

LICENSES: The bidders shall meet license and experience requirements as noted on the project documents and specifications and shall follow county guidelines.

SPECIAL REQUIREMENTS: 1. The Prime Consultant should demonstrate completion of at least two (2) similar Master Planning efforts for utilities comparable in size to WASD within the last ten (10) years from the date of this solicitation.

2. The Prime Consultant is requested to demonstrate experience with Innowyze Infoworks CS wastewater hydraulic modeling software with a minimum of fifty (50) pump stations, one thousand (1,000) pressure links, three thousand (3,000) gravity links, and Innowyze Infowater version 11.5 software with fifty thousand (50,000) links minimum. Experience is defined for hydraulic models described as original model construction, model calibration and/or operation of model for the analysis of networks associated master plans for at least two (2) water and two (2) wastewater models of the sizes indicated.

Prime and/or Subconsultants

1. The Prime and/or Subconsultant is requested to demonstrate experience with groundwater numerical modeling including MODFLOW and pre-and post-MODFLOW processors; experience with supervision and geological evaluations of drilling water supply production wells, monitoring wells, and deep injection wells; water quality sampling and analysis.

The expertise must be met by a qualified individual(s) of the Prime firm and Subconsultants. 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.

CATEGORIES	PERCENTAGE	COMMENTS
PRIME		
TC 6.01 Water Distribution and Sanitary Sewage Collection and Transmission Systems	35	
TC 6.02 Major Water and Sanitary Sewage Pumping Facilities	25	
TC 6.03 Water and Sanitary Sewage Treatment Facilities	25	
TC 17.00 Engineering Construction Management	10	
SUB-CONSULTANT		
TC 10.02 Geology Services	2	*Possible opportunities for Small Businesses
TC 10.09 Wellfield, Groundwater and Surface Water Protection and Management	3	
Total Estimated Professional Fees		\$12,000,000.00

Small Business Development CM Signature: Eric Perez Date: 12/28/2020
***Prime/Sub-Consultants identified for possible opportunities by SBD A/E**
 ISD is recommending **15%**