

Exhibit to Agenda Item #8

Authorize the Chief Executive Officer and General Manager to award contracts to **IEC Corporation, Black & Veatch Corporation, and Worley Group, Inc.** to provide Thermal Power Plant Engineering Services for the 10-year period from April 1, 2022, to March 30, 2032, for a total aggregate contract not-to-exceed amount of \$10 million.

Board Finance & Audit Committee and Special SMUD Board of Directors Meeting
Tuesday, March 15, 2022, scheduled to begin at 5:30 p.m.

Virtual Meeting (online)

Background

SMUD has enacted a 2030 Zero Carbon Plan, which aims to reduce SMUD's carbon footprint to zero. Significant changes for the current thermal fleet are therefore expected to occur over the next decade. At this point in time, at least two plants, McClellan Peaker Plant and Campbell Power Plant are projected to cease operations in 2024 and 2025, respectively, subject to confirmation of ongoing reliability studies to confirm alternate capabilities in SMUD's overall energy portfolio.



Scope of Services

Project Development

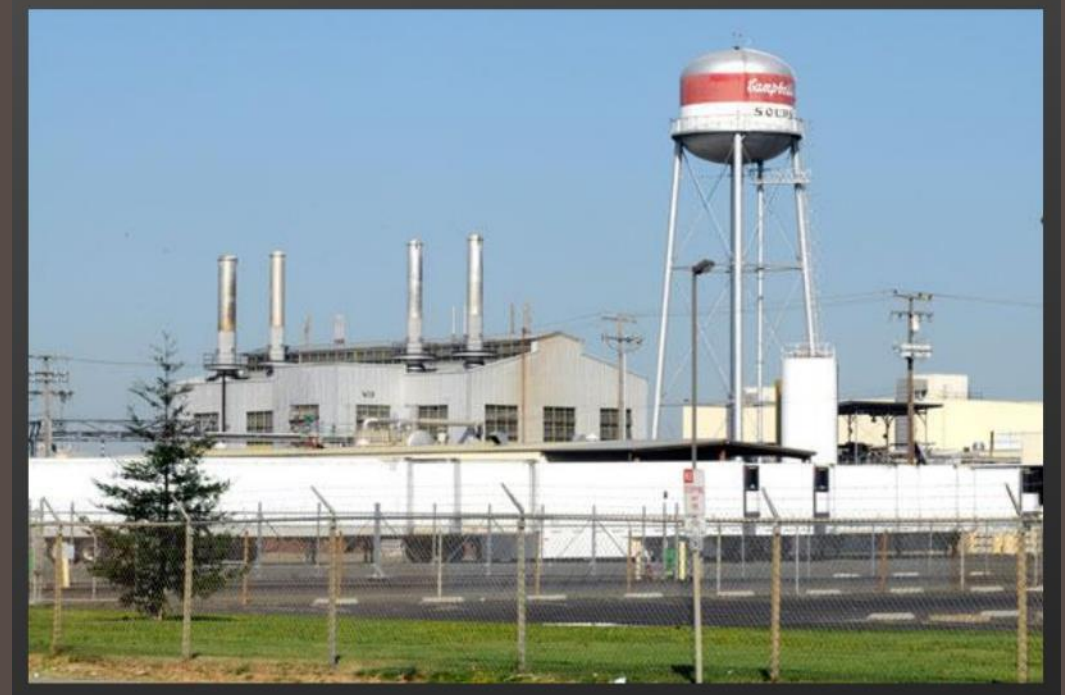
- Develop conceptual plans and due diligence for retooling existing thermal power plants and conversion to zero carbon fuels or other methods for zero carbon output.
- Site resource characterization studies to include measurement and/or analysis of site conditions for both new and existing facilities.

Project Bidding Support

- Development of Drawing Package, Technical Conditions and Standards.
- Evaluation of proposals economic and technical aspects.

Project Construction

- Review Electrical, Civil, Mechanical design submittals and studies for compliance with technical conditions and standards.
- Conduct field inspection of project elements under construction.



Scope of Services (continued)

Project O&M

- Perform field inspections of operating plants to determine condition of the plant.
- Manage O&M and capital projects.

Project End of Life

- Develop plans, cost estimates and recommended practices for the decommissioning of thermal generation facilities and site restoration.
- Provide field oversight for renewable site commissioning.



Procurement Strategy

Proposals were solicited by an RFP to allow SMUD to award contracts on a best value basis. Procurement notified 5,179 vendors, received interest from 75, 13 attended the pre-proposal conference, and 7 submitted a proposal

Themes evaluated

- Proposer's Company and Key Project Personnel Experience and Qualifications
- Technical Approach of Work
- Responsiveness to SMUD's Needs
- Environmental Sustainability
- SEED Participation
- Environmental Sustainability
- Commercial Terms (Price) and Compliance with SMUD's Contractual Terms

RFP Evaluation Results

Responsive Proposals Received	Pass/ Fail	SEED Points	Technical Points	Price Points	Total Score	Rank	Proposal Amount	SEED Credit	Evaluated Proposal Amount	Proposed Award Amount
		10	62	28	100					
IEC Corporation	Passed	10.00	58.25	18.52	86.77	1	\$9,365,000.00	\$250,000.00	\$9,115,000.00	NTE \$10,000,000 Aggregate
Black & Veatch	Passed	10.00	54.17	21.46	85.63	2	\$8,114,300.00	\$250,000.00	\$7,864,300.00	
Worley Group	Passed	10.00	46.75	28.00	84.75	3	\$6,278,500.00	\$250,000.00	\$6,028,500.00	

Non-responsive Proposals Received	Comments
WSP USA, INC.	Did not meet the pass/fail requirements
Merrick & Company	Did not meet the pass/fail requirements
Mesa Associates	Did not meet the minimum score threshold
Kiewit Engineering Group	Did not meet the minimum score threshold

SEED Subcontracting

- The highest ranked proposer, IEC Corporation, is a SEED prime vendor and will self-perform 80% of all work
- The second highest ranked proposer, Black & Veatch, is not a SEED prime vendor and has committed 20% of SEED subcontracting
- The third highest ranked proposer, Worley Group, is not a SEED prime vendor and has committed 20% of SEED subcontracting