

Exhibit to Agenda Item #1

Approve increase to the aggregate contract not-to-exceed amount for renewable energy engineering services by \$4 million, from \$2 million to \$6 million, for Contract No. 4500116976 with **IEC Corporation**, Contract No. 4500116978 with **Black & Veatch Corporation**, and Contract No. 4500116974 with **AECOM Technical Services, Inc.**

Board Finance & Audit Committee and Special SMUD Board of Directors Meeting
Tuesday, August 16, 2022, scheduled to begin at 5:30 p.m.

Virtual Meeting (online)

Contracting History

SMUD operates a variety of utility scale renewable energy facilities including Solano Wind Farm phases 1, 2 and 3, and is developing large solar and battery energy storage projects including Country Acres.

The renewables engineering contracts were issued in August 2019 to three highly qualified engineering firms to assist SMUD in detailed engineering, investigation, and design services for current and future renewable projects. All three engineering firms have been performing well since implementation.



The Benefit of Services

Professional Services contracts supplement SMUD staff and capabilities. The Renewables Engineering Services contracts provide the following:

- Provide added expertise and resources to perform specialty studies that improve power generation alternatives that align with SMUD's 2030 Zero Carbon Plan.
- Allows SMUD to maintain a bench of engineering professionals, which can be quickly supplemented when workload increases for future renewable projects.
- Increases staff knowledge and the ability to consult with renewable energy industry experts in several engineering disciplines.

Contractor Qualifications & SEED Commitment

Responsive Proposals Received	Pass / Fail	SEED Points	Technical Points	Price Points	Total Score	Rank
		10	50	40	100	
IEC Corporation	P	10	46	32	88	1
Black & Veatch Corporation	P	10	44	26	79	2
AECOM Technical Services, Inc.	P	10	36	30	76	3

SEED subcontracting

- Originally Black & Veatch and AECOM both committed 20% of their proposal to SEED through subcontracting. IEC is a SEED prime contractor.
- Subcontracting categories within the proposals included: environmental management, environmental permitting, GIS and land survey support, engineering services for wind, solar, and biogas technologies.
- All three contractors will continue to utilize SEED subcontractors with the additional funds.

Future Projects

The contracts currently support Solano Wind Project Phase 4 and Country Acres.

Future projects have not officially been named because they are in the originating and development stages. In addition to more studies, the projects will include battery energy storage systems and at least two more large solar projects over the next three years.



The Benefit of Amendment

- Allows current projects to continue without delay.
- Cost savings (cost avoidance) through negotiated billing rates with the Contractors.
- Allows for a new solicitation to be performed without consequences to ongoing projects and studies.