

Exhibit to Agenda Item #6

Authorize the Chief Executive Officer and General Manager to award a contract to **Burns & McDonnell Western Enterprises, Inc.** to provide Substation Engineering Design Services for the period from July 21, 2023, to December 31, 2026, for a not-to-exceed amount of \$4 million.

Board of Directors Meeting

Thursday, July 20, 2023, scheduled to begin at 6:00 p.m.

SMUD Headquarters Building, Auditorium

Project Overview

SMUD plans to build the El Rio Substation to replace the existing Elverta Substation. El Rio Substation will achieve improved reliability and allow for future expansion of the facility for future interconnection to renewable generation. SMUD intends to have the engineering design package completed for the project site within a 12-month period so that construction can begin in 2025.



Alignment with SMUD 2030 Zero Carbon Plan

The Modernization of Elverta Substation is key to enabling large scale renewables to connect to the bulk and sub-transmission system supporting SMUDs Zero Carbon Plan. The new substation will initially provide interconnection points at Elverta substation for a total of 500 MW of zero carbon generation. Along with modern enhanced protection system and additional system capacity, this project will allow SMUD the ability to reliably serve existing and future loads, plan for future renewable resource interconnections, and adding operational flexibility to the SMUD Bulk electric system.



Key Benefits of Project Scope

- Increase transmission capacity 110 MVA
- Increase sub-transmission capability 224 MVA
- Transmission interconnection points for 500 MW of renewable generation initially with ability to expand further, if needed
- Enhanced reliability of the SMUD's transmission and distribution systems



Procurement Strategy

Proposals were solicited by an RFP to allow SMUD to award one contract on a best value basis. Procurement notified 4 engineering firms who are currently under contract with SMUD for General Substation Design Engineering Services and received proposals from 3.

Themes evaluated

- SEED Participation
- Company Experience and Qualifications
- Experience and Qualifications of Project Team
- Commercial Terms and Pricing

RFP Evaluation Results

Responsive Proposals Received	SEED Points	Technical Points	Price Points	Total Score	Rank	Proposal Amount	SEED Credit	Evaluated Proposal Amount	Proposed Award Amount
	10	60	30	100					
Burns & McDonnell	10.00	52.20	18.45	80.65	1	\$3,809,972.87	\$113,634.80	\$3,696,338.07	\$4,000,000
Sargent & Lundy Engineers	-	48.00	30.00	78.00	2	\$2,272,696.00		\$2,272,696.00	
Black & Veatch Corporation	10.00	44.40	15.50	69.90	3	\$4,512,582.00	\$113,634.80	\$4,398,947.20	

SEED Subcontracting

- The highest ranked proposer, Burns McDonnell proposed 20% of SEED subcontracting
- The second highest ranked proposer, Sargent and Lundy did not propose any SEED subcontracting
- The third highest ranked proposer, Black & Veatch proposed 20% of SEED subcontracting