

Exhibit to Agenda Item #3

Authorize the Chief Executive Officer and General Manager to negotiate and award a contract to **Andritz Hydro Corp** for the Camino Generator 1 Rehabilitation for a period of two years for an amount not to exceed \$11,903,140.

Board Finance & Audit Committee and Special SMUD Board of Directors Meeting
Tuesday, June 18, 2024, scheduled to begin at 6:00 p.m.

SMUD Headquarters Building, Auditorium

Camino Powerhouse Background Information

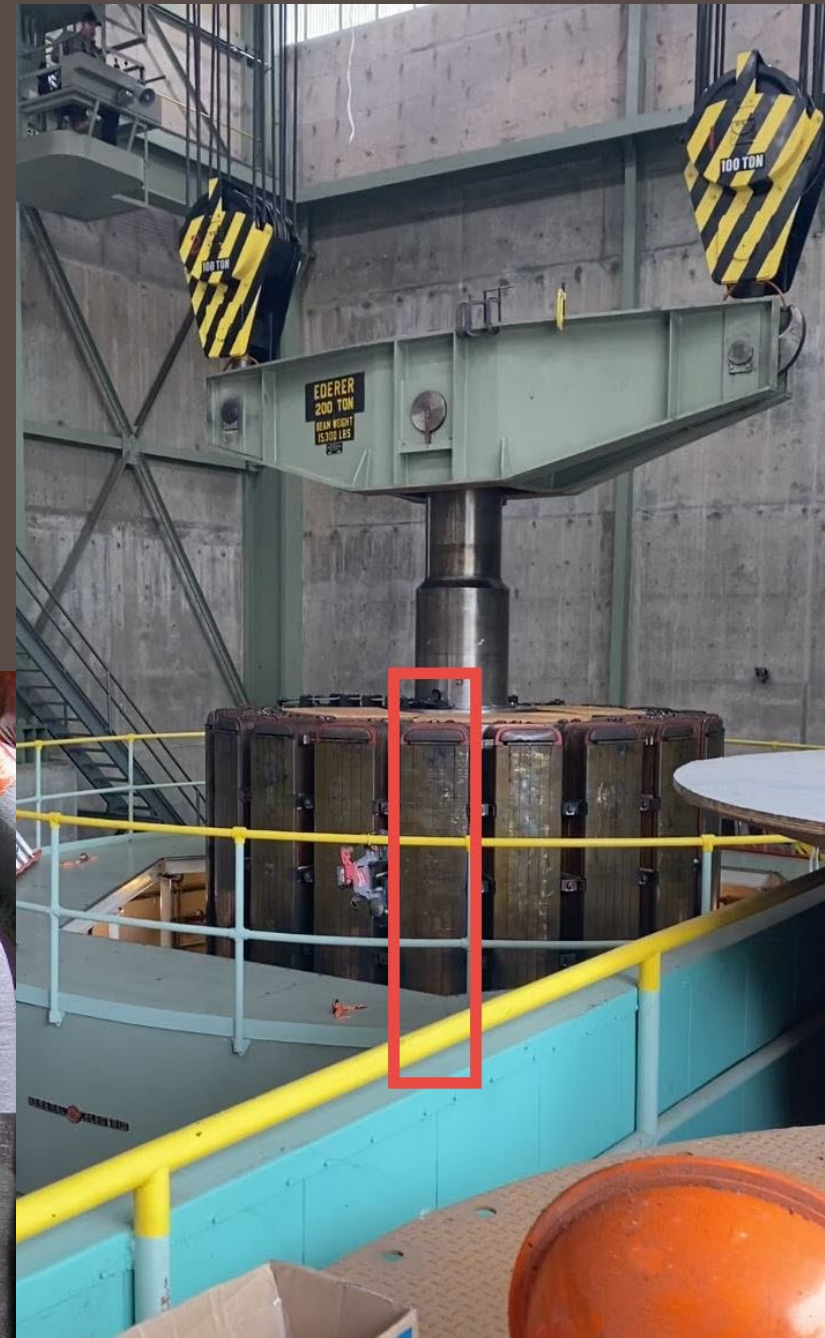
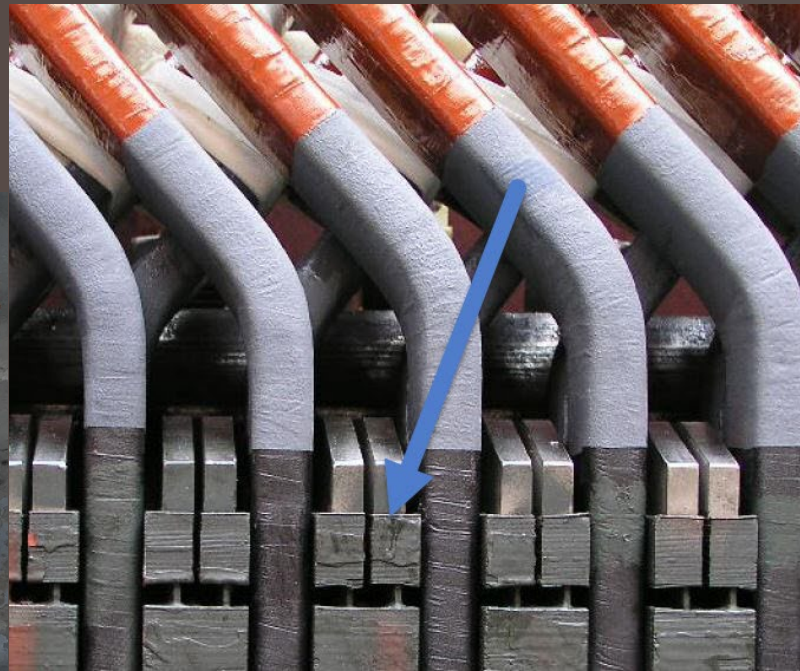
- (2) unit hydroelectric generating plant, 156MW combined capacity
- Unit #1 – 13.8kV, 83.1MVA
 - Comissioned in 1968 by General Electric (GE)
 - Stator rewind in 1992
 - Stator core & field pole bodies are original
- Stator winding is nearing end of service life, aggressive signs of degradation observed
- December 2022, a stator winding insulation failure occurred. One coil was permanently bypassed. This usually prompts planning of a rewind.
- Overheating on field pole bodies appear to be life limiting if not addressed during this outage.



Camino Unit #1 Generator Rehab. Project Scope & Business Need

Generator Original Equipment Manufacturer (OEM) will rehabilitate unit for a 40 year life extension. Work scope includes:

- Replace Stator winding (32 years old)
- Replace Stator Core (56 years old)
- Rebuild Field Poles (56 years old)
- Proposed Outage Dates:
 - 10/6/2025 – 5/1/2026
- Business need – Reliability



Camino Unit #1 Generator Rehabilitation Procurement Strategy

- SMUD and our engineering consultants have carefully developed tech specs that best suit our needs.
- This project requires extensive design, fabrication, & construction capabilities on a 1960's vintage GE machine. Few companies in the world are technically qualified.
- Award to an experienced and qualified contractor is critical.
- Partnering with the generator OEM is often a best fit.



Award Summary

On February 12, 2024 RFP Doc4407380073 was issued. A mandatory Pre-proposal conference was held with six (6) contractors attending. A mandatory Site Inspection was conducted on March 21, 2024 with four (4) contractors in attendance. Four (4) proposals were received on May 3, 2024. Two (2) proposers were deemed non-responsive as they did not possess the required contractor's license.

Responsive Proposals Received	<u>P/F</u>	<u>10 Points SEED</u>	<u>50 Points Technical</u>	<u>40 Points Pricing</u>	Total Score	Overall Rank	Proposal Amount	Evaluated Proposal Amount	Proposed Award Amount Not To Exceed
Andritz Hydro Corp	P	0	42.5	40	82.5	1	\$10,494,700	\$11,241,940	\$11,903,140
National Electric Coil LP	P	0	21	35.8	56.8	2	\$11,962,514	\$12,759,570	N/A

Andritz Hydro

- Present-day OEM for Camino #1, acquired GE Hydro in 2008
- Retains proprietary design data from original and former rewind projects, will be instrumental in this rehabilitation project
- Stator Coils will be manufactured in Andritz's Peterborough plant in Ontario, Canada
- One of the largest suppliers of hydropower equipment and services in the world, over 180 years of experience.

