

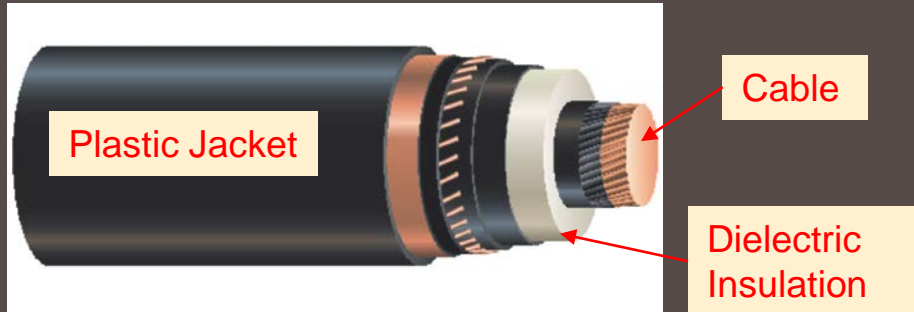
# Exhibit to Agenda Item #2

Authorize the Chief Executive Officer and General Manager to award a contract to **Wilson Utility Construction Company** to construct **Station G Substation - Phase II Electrical** for a period of December 13, 2021, to June 30, 2023, in an amount not-to-exceed \$16,021,365.

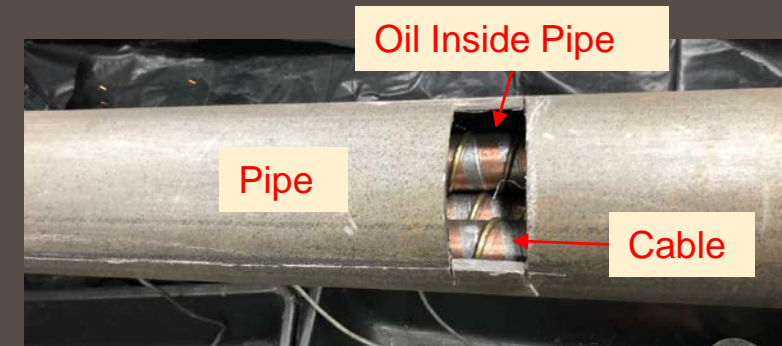
Board Finance & Audit Committee and Special SMUD Board of Directors Meeting  
Tuesday, December 7, 2021, scheduled to begin at 5:30 p.m.

Virtual Meeting (online)

# Dielectric Cable Vs High Pressure Oil Filled Cable

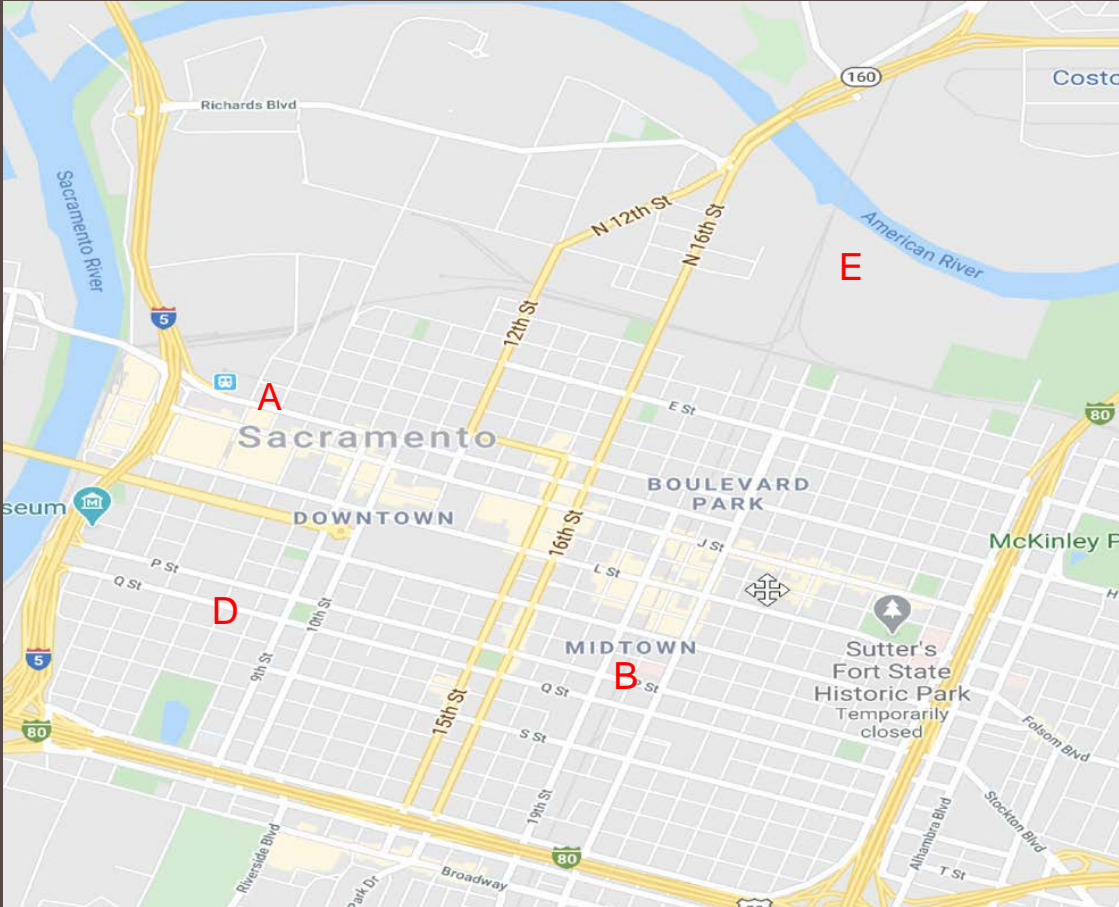


- Newer Underground Installations (1990s)
- Planned for Station H, Station J



- Older Underground Installations (1950s)
- Extremely Specialized Construction
- Very Few Vendors

# Sacramento Downtown/Midtown Existing Substations



## High Pressure Oil Filled Cable and Dielectric Cable

- Station A – 115kV/12kV; In service since 1955
- Station B – 115kV/12kV; In service since 1962
- Station E – 115kV/21kV; In service since 2021
- Station D – 115kV/21kV; In service since 1998

# Sacramento Downtown/Midtown Future Substations



## Future Substations

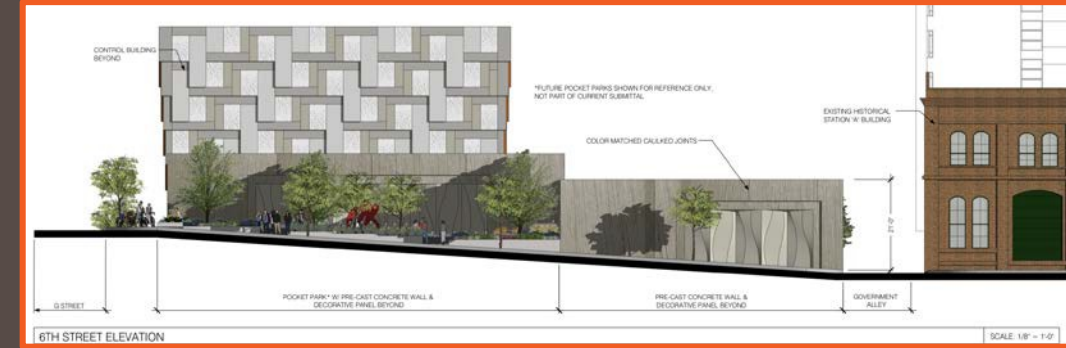
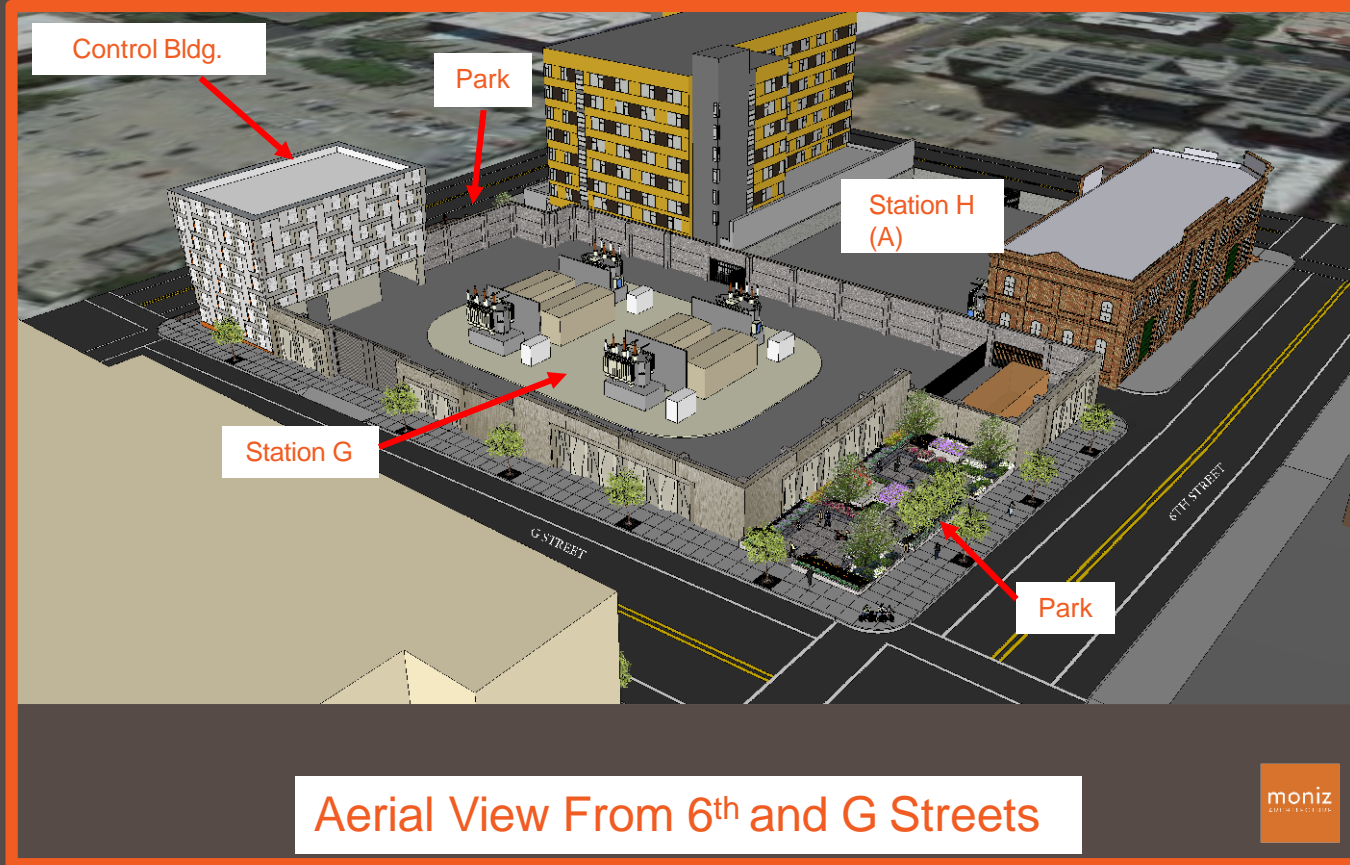
- Station G – 115kV/12kV; Energization in 2023. High Pressure Oil Filled and Dielectric cables
- Station H – 115kV/21kV; Energization in 2025. Dielectric cables
- Station J – 115kV/21kV; Energization in 2030. Dielectric cables



# Future Sacramento City Scape



# Station G



6th Street Elevation



7th Street Elevation



# Timelapse Video of Station G Control Building



# Station G Phase II (Electrical) Procurement Process





# Request For Proposal – Evaluation Criteria

- SEED (10 points)
- Technical (50 points)
  - ✓ Experience of Company and Project Personnel
  - ✓ Proposed plan and approach to complete the work
  - ✓ Safety and Environmental Sustainability
- Price (40 points)

# Cost Savings From SMUD Performed Work

Description	Approximate Contract Cost Savings
Installation of Control and Relay Panels	\$73,000
Installation of Sump Pumps	\$70,000
Testing of Electrical Equipment	\$145,000
Installation and Testing of Telecom Equipment	\$542,000
Total Contract Savings	\$830,000

# Station G Phase II Electrical – RFP Outcome

Responsive Proposals Received	Pass/Fail	SEED Points	Technical Points	Price Points	Total Score	Rank	Proposal Amount
		10	50	40	100		
Wilson Utility Construction	Passed	0.9	42.9	29.4	73.3	1	\$16,021,364
Henkels and McCoy	Failed (No Experience Listed in High Pressure Oil Filled Cable Installation)						



# Station G - Timeline

- Electrical Construction Starts in January 2022
- Electrical Construction Complete in November 2022
- Cutover from Station A to Station G Begins in November 2022
- Station G Fully Energized in May 2023
- Station A Decommissioning and Station H Construction Start in 2023

# Requested Action

Authorize the Chief Executive Officer and General Manager to award a contract to Wilson Utility Construction Company to construct Station G Substation - Phase II Electrical for a period of December 13, 2021, to June 30, 2023, in an amount not-to-exceed \$16,021,365.