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Minutes

Date: June 14, 2021
To: NCPA Facilities Committee
From: Carrie Pollo
Subject: June 2, 2021 Facilities Committee Meeting Minutes

- 1. Call Meeting to Order & Roll Call** – The meeting was called to order by Committee Chair Basil Wong (Santa Clara) at 9:04 am. Attending via teleconference and/or on-line presentation were Alan Harbottle (Alameda), Mark Sorensen (Biggs), Catalina Sanchez and Cliff Wagner (Gridley), Jiayo Chiang (Lodi), Shiva Swaminathan (Palo Alto), Mike Brozo (Plumas-Sierra) Khaly Nguyen (Port of Oakland), Nick Rossow (Redding), Brian Schinstock (Roseville), Paulo Apolinario and Eric Shum (Santa Clara). Owen Goldstrom (non-voting representative with TID) also attended via teleconference. Those attending in person are listed on the attached Attendee Sign-in Sheet. Committee Representatives from BART, Healdsburg, Lompoc, and Ukiah were absent. A quorum of the Committee was established.

PUBLIC FORUM

No public comment.

OPEN SESSION

DISCUSSION / ACTION ITEMS

- 2. Approval of Minutes from the May 5, 2021 Facilities Committee Meeting, and the May 18, 2021 Special Facilities Committee Meeting.**

Motion: A motion was made by Basil Wong and seconded by Jiayo Chiang recommending approval of the minutes from the May 5, 2021 Facilities Committee meeting, and the May 18, 2021 Special Facilities Committee meeting. A vote was taken by roll call: YES = Alameda, Biggs, Gridley, Lodi, Palo Alto, Plumas-Sierra, Port of Oakland, Redding, Roseville, and Santa Clara. The motion passed.

- 3. All NCPA Facilities, Members, SPPA – GHD, Inc. MTPSA –** Staff presented background information and was seeking a recommendation for Commission approval of a five-year Multi-Task Professional Services Agreement with GHD, Inc. for engineering consulting services including mapping, surveying, GIS, drawings, specifications, technical documents, and construction observation and testing, with a not to exceed of \$2,500,000, for use at all facilities owned and/or operated by NCPA, NCPA Members, by SPPA, and SPPA Members. All purchase orders will be issued following NCPA procurement policies and procedures.

NCPA currently has an agreement in place with GHD Inc., which is expiring in August 2021. NCPA has worked with GHD extensively in the past on projects such as construction management, topographic surveys, landslide monitoring, easement research and more. The vendor has a wide offering of services, and has proven to be a competent resource for NCPA. NCPA desires to renew this agreement to keep established terms and conditions in place should this vendor be the successful bidder on future projects. NCPA has agreements in place for similar services with Condor Earth Technologies, Gannett Fleming, CBEC Consultants, GEI Consultants, Coffman Engineers, Black and Veatch, and others. This enabling agreement does not commit NCPA to any expenditure of funds. At the time services are needed, NCPA will bid the specific scope of work consistent with NCPA procurement policies and procedures. A draft Commission Staff Report and the draft agreement were available for review. It is recommended to place this item on the Commission Consent Calendar.

Motion: A motion was made by Catalina Sanchez and seconded by Brian Schinstock recommending Commission approval authorizing the General Manager or his designee to enter into a Multi-Task Professional Services Agreement with GHD Inc. for engineering consulting services, with any non-substantial changes recommended and approved by the NCPA General Counsel, which shall not exceed \$2,500,000 over five years, for use at any facilities owned and/or operated by NCPA, NCPA Members, by SCPA, and SCPA Members. A vote was taken by roll call: YES = Alameda, Biggs, Gridley, Lodi, Palo Alto, Plumas-Sierra, Port of Oakland, Redding, Roseville, and Santa Clara. The motion passed.

- 4. All NCPA Facilities, Members, SCPA – Wilson Utility Construction Company, Inc. MTGSA**
– Staff is presented background information and was seeking a recommendation for Commission approval of a five-year Multi-Task General Services Agreement with Wilson Utility Construction Company, Inc. for transmission and distribution line maintenance, inspections, substation and switchyard maintenance, and other maintenance services as required, with a not to exceed of \$1,000,000, for use at all facilities owned and/or operated by NCPA, NCPA Members, by SCPA, and SCPA Members. All purchase orders will be issued following NCPA procurement policies and procedures.

Wilson Utility Construction Company, Inc. was previously the low bidder on a single-task agreement (GSA) for Hydro's 230kv Transmission Line Insulator Replacement Project. Their management team and crew members were competent and reliable. NCPA desires to enter into this new multi-task agreement so established terms and conditions are in place should this vendor be the successful bidder on future projects or should the Agency have need of Wilson's services in an emergency situation. Additionally, adding this vendor will increase the pool of qualified vendors for these types of services. As this is a very specialized skillset, NCPA has only two agreements in place for similar services with Western Area Power Administration (WAPA) and an Operations and Maintenance Agreement with Pacific, Gas and Electric (PG&E). This enabling agreement does not commit NCPA to any expenditure of funds. At the time services are needed, NCPA will bid the specific scope of work consistent with NCPA procurement policies and procedures. A draft Commission Staff Report and the draft agreement were available for review. It is recommended to place this item on the Commission Consent Calendar.

Motion: A motion was made by Jiayo Chiang and seconded by Mark Sorensen recommending Commission approval authorizing the General Manager or his designee to enter into a Multi-Task General Services Agreement with Wilson Utility Construction Company, Inc. for transmission and distribution line maintenance services, with any non-substantial changes recommended and approved by the NCPA General Counsel, which shall not exceed \$1,000,000 over five years, for use at any facilities owned and/or operated by NCPA, NCPA Members, by SCPA, and SCPA Members. A vote was taken by roll call: YES = Alameda, Biggs, Gridley, Lodi, Palo Alto, Plumas-Sierra, Port of Oakland, Redding, Roseville, and Santa Clara. The motion passed.

- 5. All NCPA Facilities, Members, SCPPA – Precision Iceblast Corporation MTGSA – Staff** provided background information and was seeking a recommendation for Commission approval of a five-year Multi-Task General Services Agreement with Precision Iceblast Corporation inspection and maintenance services related to CO & CO Catalyst cleaning, grids, drains, and towers, with a not to exceed of \$1,000,000, for use at all facilities owned and/or operated by NCPA, NCPA Members, by SCPPA, and SCPPA Members. All purchase orders will be issued following NCPA procurement policies and procedures. This enabling agreement does not commit NCPA to any expenditure of funds. At the time services are needed, NCPA will bid the specific scope of work consistent with NCPA procurement policies and procedures.

The current agreement with Precision Iceblast Corporation is expiring. NCPA desires to enter into this agreement so established terms and conditions are in place should this vendor be the successful bidder on future projects. NCPA has agreements in place for similar services with Environex, Inc., Groome Industrial Service group, Inc. and Tetra Engineering Group, Inc. A draft Commission Staff Report and the draft agreement were available for review. It is recommended to place this item on the Commission Consent Calendar.

Motion: A motion was made by Brian Schinstock and seconded by Mark Sorensen recommending Commission approval authorizing the General Manager or his designee to enter into a Multi-Task General Services Agreement with Precision Iceblast Corporation for inspection and maintenance services, with any non-substantial changes recommended and approved by the NCPA General Counsel, which shall not exceed \$1,000,000 over five years, for use at any facilities owned and/or operated by NCPA, NCPA Members, by SCPPA, and SCPPA Members. A vote was taken by roll call: YES = Alameda, Biggs, Gridley, Lodi, Palo Alto, Plumas-Sierra, Port of Oakland, Redding, Roseville, and Santa Clara. The motion passed.

- 6. NCPA Headquarters and Disaster Recovery Center – Ben Evans Inc., dba Environment Control MTGSA – Staff** presented background information and was seeking recommendation for Commission approval of a five-year Multi-Task General Services Agreement with Ben Evans Inc., dba Environment Control, with a not to exceed amount of \$300,000 for full service janitorial and building maintenance services at NCPA Headquarters and the Disaster Recovery Center. All purchase orders will be issued following NCPA procurement policies and procedures.

NCPA has a current agreement in place with this vendor which is expiring June 30, 2021. NCPA requested formal bidding for full service janitorial, and building maintenance services at NCPA headquarters and the Disaster Recovery Center. Ben Evans Inc., dba Environment Control was determined as the recommended vendor due to pricing and past performance. NCPA has utilized this vendor in the past and has a good working relationship with the vendor. NCPA desires to enter into a five-year, Multi-Task General Services Agreement with Ben Evans Inc., dba Environment Control to provide ongoing full service janitorial and building maintenance at NCPA headquarters and the Disaster Recovery Center. A draft Commission Staff Report and the draft agreement were available for review. It is recommended to place this item on the Commission Consent Calendar.

Motion: A motion was made by Brian Schinstock and seconded by Catalina Sanchez recommending Commission approval authorizing the General Manager or his designee to enter into a Five-Year Multi-Task General Services Agreement with Ben Evans Inc., dba Environment Control for full service janitorial and building maintenance services at NCPA headquarters and the Disaster Recovery Center, with any non-substantial changes recommended and approved by the NCPA General Counsel, which shall not exceed \$300,000 over five years. A vote was taken by roll call: YES = Alameda, Biggs, Gridley, Lodi, Palo Alto, Plumas-Sierra, Port of Oakland, Redding, Roseville, and Santa Clara. The motion passed.

- 7. All NCPA Facilities, Members, SPCPA – Quest Media and Supplies, Inc. Second Amendment to MTCSA** – Staff provided background information and was seeking a recommendation for Commission approval of a Second Amendment to the five-year Multi-Task Consulting Services Agreement with Quest Media and Supplies, Inc. for network infrastructure design, telecom consulting, data center administration, application design and security consulting services, increasing the not-to-exceed amount from \$200,000 to \$1,500,000 as well as extending the expiration date an additional six months from January 8, 2022 to July 8, 2022 for the continued use at all facilities owned and/or operated by NCPA, NCPA Members, by SPCPA, and SPCPA Members. All purchase orders will be issued following NCPA procurement policies and procedures.

Quest Media and Supplies Inc. (Quest) is a corporation with over 30 years of experience assisting companies with network infrastructure design, engineering and troubleshooting, telecom consulting, data center administrative and architectural services, application design and development services, security consulting, physical infrastructure, and fiber and Ethernet cabling. They work seamlessly with staff, systems, policies and procedures helping companies achieve their IT goals.

On January 9, 2017, NCPA entered into a five-year Multi-Task Consulting Services Agreement with Quest, for an amount not to exceed \$100,000. On September 2020, the Parties entered into a First Amendment to the Agreement, to increase the not to exceed amount of the Agreement from \$100,000 to a not to exceed amount of \$200,000. Due to interest expressed by a Member of NCPA in utilizing the Agreement for a fiber optic cabling project and other possible NCPA or Member projects during fiscal year 2022, the Agency now desires to amend the agreement to increase the total compensation authorized by the agreement from the not to exceed amount of \$200,000 to a not to exceed amount of \$1,500,000, and extend the term for an additional six months from the current expiration date of January 8, 2022, to a new expiration date of July 8, 2022. The Second Amendment to this enabling agreement does not commit NCPA to any expenditure of funds. At the time services are required, NCPA will bid the specific scope of work consistent with NCPA procurement policies and procedures. A draft Commission Staff Report and the draft Second Amendment, with the original Agreement and First Amendment, were available for review. It is recommended to place this item on the Commission Consent Calendar.

Motion: A motion was made by Mike Brozo and seconded by Jiayo Chiang recommending Commission approval authorizing the General Manager or his designee to enter into a Second Amendment to the Multi-Task Consulting Services Agreement with Quest Media and Supplies Inc. for network infrastructure design, engineering and troubleshooting; telecom consulting; data center administrative and architectural services; application design and development services; security consulting; physical infrastructure; and fiber and Ethernet cabling, with any non-substantial changes recommended and approved by the NCPA General Counsel, increasing the not to exceed to \$1,500,000 and extending the term for six months, for continued use at all facilities owned and/or operated by NCPA, NCPA Members, the Southern California Public Power Authority (SCPPA), or SCPPA Members. A vote was taken by roll call: YES = Alameda, Biggs, Gridley, Lodi, Palo Alto, Plumas-Sierra, Port of Oakland, Redding, Roseville, and Santa Clara. The motion passed.

- 8. Authorize the NCPA General Manager to Execute Confirmation Number 0219 for Quest Media and Supplies, Inc. Services to the City of Redding/Redding Electric Utility and Issue a Corresponding Purchase Order under the NCPA Support Services Program** – Subject to the NCPA Commission’s approval of a Second Amendment to the Quest Media and Supplies, Inc. Agreement and subject to approval by the Redding City Council of the requested services, staff is seeking authorization for the General Manager or his designee to execute Confirmation Number 0219 for Quest Media and Supplies, Inc. services to the City of Redding/Redding Electric Utility and issue a corresponding purchase order under the NCPA Support Services Program

Agreement. The confirmation exceeds the General Manager's signing authority which requires Commission approval. If recommended for approval, this item will be placed on the June 17, 2021 Commission agenda.

The City of Redding became a signatory to the Northern California Power Agency (NCPA) Support Services Program Agreement (SSPA) on April 19, 2016, in which agreement authorizes among other things, the purchase or acquisition of goods and services by NCPA Members through use of NCPA's agreements with its vendors. NCPA entered into an Agreement with Quest Media & Supplies, Inc. effective January 9, 2017, which was subsequently amended effective September 15, 2020. A proposed Second Amendment to the Agreement will be brought to the Commission for approval at its June 17, 2021, meeting to increase the not-to-exceed amount from \$200,000 to \$1,500,000. This recommendation is subject to the Commission's approval of the Second Amendment.

In May 2021 the City of Redding/Redding Electric Utility (REU) submitted a Member Task Request under the SSPA for Quest Media & Supplies, Inc. to provide design for the Fiber Optic infrastructure Project which consists of approximately 28-mile loop of 288 ribbon fiber optic cable with an additional seven miles of 96 ribbon fiber optic cable divided into various radial runs to locations in Redding. Pursuant to the Quest Media & Supplies, Inc. proposal, the cost for the services including additional Options 1 and 2 is \$258,600. REU requested that a twenty percent (20%) contingency be added to the services proposal amount to cover permit fees and other contingencies, for a total of \$310,320.

If approved, Confirmation Number 0219 states that NCPA agrees to provide the requested services through its contract with Quest Media & Supplies, Inc. dated effective January 9, 2017, as amended, in the amount of not-to-exceed \$310,320. With the addition of NCPA's administrative fees, the total amount expended under the Confirmation will not exceed \$312,820. There is no fiscal impact to NCPA. The services provided by Quest Media & Supplies, Inc. to REU will be billed to and paid by Redding pursuant to the terms of the Support Services Program Agreement. NCPA's administrative costs will be reimbursed by Redding.

This item will be considered by the Redding City Council at a Council meeting in June 2021, and is subject to that approval.

Motion: A motion was made by Jiayo Chiang and seconded by Mark Sorensen recommending, subject to Commission approval of a Second Amendment to the Quest Media & Supplies, Inc. Agreement and subject to approval by the Redding City Council of the requested services under the terms of the NCPA Support Services Program Agreement, Commission approval of Resolution 21-59 authorizing the NCPA General Manager or his designee to execute Confirmation Number 0219, with any non-substantive changes as approved by the NCPA General Counsel, and issue a corresponding Purchase Order to Quest Media & Supplies, Inc. for design services for Redding Electric Utility's Fiber Optic Infrastructure Project. A vote was taken by roll call: YES = Alameda, Biggs, Gridley, Lodi, Palo Alto, Plumas-Sierra, Port of Oakland, Redding, Roseville, and Santa Clara. The motion passed.

Willie Manuel with TID joined the meeting via teleconference at 9:45 am.

- 9. NCPA Geothermal Facility – Enterprise Management (EMS) Upgrade Project – Staff** presented background information and was seeking a recommendation for Commission approval authorizing the Enterprise Management System (EMS) Upgrade Project, and delegating authority to the General Manager or his designee to award bids, execute agreements, and to issue purchase orders for the project in accordance with NCPA purchasing policies and procedures, without further approval by the Commission, for a total project cost not to exceed of \$600,000.

NCPA's Geothermal Facility utilizes the EMS to monitor and control both the steam field and effluent pipeline systems, including: steam well control valves, steam flow data, several pump stations, a holding tank, a reservoir, and several miles of pipeline system stretching from Clear Lake, CA to Middletown to the Geothermal Facility. The EMS is difficult to operate and maintain because it is outdated and unsupported. The EMS Upgrade Project will update the existing system. This project encompasses both the steam field and effluent pipeline monitoring systems. The scope of work for this project includes support in network configuration, system software development, Programmable Logic Controller (PLC) programming, and commissioning, as well as an extended warranty. NCPA staff intends to use the existing hardware (including field instruments, PLC's, servers, and all associated cabling, including fiber-optics). Upgrading the current system will result in an up-to-date, reliable, and supported system, for the safe operation of the steam field and effluent pipeline.

In FY2021, a scope was developed to update a minimal amount of the EMS and update the remaining components in the future. After receiving bids and performing an additional assessment of the entire EMS, it was determined that it was more cost-effective and prudent to update the complete EMS. As a result, a new scope and budget was developed.

The total cost for this project is not to exceed \$600,000. The project will be funded through the following sources:

- Estimated Proposed Project Cost = \$500,000
 - FY2021 FMS Control Systems Upgrade (Capital Project) - \$100,000
 - FY2022 EMS Upgrade (Capital Project) - \$400,000
- Contingency Funds (20%) = \$100,000
 - FY2022 O&M Budget

Project Authorization Total = \$600,000

Motion: A motion was made by Brian Schinstock and seconded by Basil Wong recommending Commission approval authorizing the Geothermal Facility Enterprise Management System (EMS) Upgrade Project and delegating authority to the General Manager or his designee to award bids, execute agreements, and to issue purchase orders for the project in accordance with NCPA purchasing policies and procedures, without further approval by the Commission, for a total project cost not to exceed \$600,000. A vote was taken by roll call: YES = Alameda, Biggs, Gridley, Lodi, Palo Alto, Plumas-Sierra, Port of Oakland, Redding, Roseville, Santa Clara, and TID. The motion passed.

INFORMATIONAL ITEMS

10. New Business Opportunities – Staff provided an update regarding new business opportunities.

SFWPA (South Feather Hydroelectric) – The final draft PPA is almost complete now. Next is the development of a Third Phase Agreement for Member subscriptions. Working on final refinement to compensation mechanism. Staff had a conference call with SFWPA on 5/27. SFWPA is currently planning to present the PPA and structure to the SFWPA board in June 2021.

Glover Solar – The final PPA under development. Glover Solar posted 2nd IFS deposit with SCE on May 20, 2021.

McCloud Solar 1 and McCloud Solar 2 – The PPA is under review by the developer. This project is approximately 136 MW. SVP and Redding are interested in this project.

Swan Lake Energy Storage (New Pump Storage) – Staff reviewed commercial terms and details with Members regarding this new facility expected to be operational in 2026.

11. NCPA Geothermal Facility – Sulphur Cake Bin Vanadium Level – Staff provided an informational overview of the Sulphur bin vanadium levels as it relates to EPA vs. NCPA thresholds at NCPA’s Geothermal Facility.

NCPA produces a dry sulfur cake as a secondary product associated with Geothermal Stretford operations. This high purity sulfur has trace contents of vanadium and mercury, along with other natural occurring trace elements. NCPA analyzes every 20 yard roll off bin of the sulfur cake it produces. Over the last two decades, the majority of the sulfur produced in the Geysers (NCPA & Calpine) was sold as a soil amendment, for pH adjustment for agriculture. Any bin of sulfur cake found to exceed the waste definition criteria for mercury or vanadium is transported for disposal as hazardous waste.

The EPA vanadium threshold limits is 24mg/L or 2400mg/kg. The current NCPA threshold is 10mg/L or 100mg/kg. The current Calpine threshold is 22mg/L or 220mg/kg. Staff is exploring an increase of the allowable vanadium content in sulfur cake to 22mg/L. Any material with content above the proposed 22mg/L or 220mg/kg will be disposed of as hazardous waste. Any modification to the current vanadium threshold limit will be routed back through NCPA Committees for formal approval. Benefits of this change would decrease hazardous waste, reduce risk, and create a more unified industry standard. The economic benefits include decreased disposal cost, with increased revenue.

12. NCPA Generation Services Plant Updates – Plant Staff provided the Committee with an informational update on current plant activities and conditions.

Geo – There were no safety incidents to report for the month of May. There were however, a couple of near misses, when an employee was grinding without a safety shield, and a contractor started the process of cleaning the mercury tank without a confined space permit, and their employees did not have on proper PPE. Safety training is 62.5% complete. The average net generation for May was 73.2 MW. Fiscal year net generation is at 702.8 GWh, 3.7% above target generation. The Plant 1 Fire Protection Project continues, with Orr Protection doing the work. The Plant 1 HVAC Project is delayed due to Covid19. The engineering for Plant 2 Fuel Tank Replacement Project is due to be completed by the end of June.

CTs – May was a busy month for the CTs, with zero forecasted starts for both CT1 and CT2. CT1 had 16 actual starts, and four ghost starts bringing the FYTD total to 235. CT2 had 18 actual starts this month bringing the FYTD total to 116 starts. There were two forced outages at STIG. Work was performed on Saturdays for boiler leaks. There were no planned outages for the month of May.

Hydro – New Spicer Meadow (NSM) Reservoir peaked at 94,860 Acre-Feet on May 24, 2021, as well as all the other NCPA reservoirs. NSM may end the year with less than 45,000 Acre-Feet. Only mandated water releases will happen this year. A CA drought declaration has been issued which will have no bearing the FERC license. NSM will not be able to launch any boats this year, as the water level is too low. Consultants were on sight for the 1 in 10 year FERC Security Assessments. In preparation for the upcoming recreation season there has been extensive coordination with the USFS, meetings with campground concessionaire, deployment of seasonal safety buoys on reservoirs, removal of hazardous trees, and the establishment and certification of the seasonal potable water distribution system.

13. Planning and Operations Update –

- **Current Resource Integration Activities** – Altamont Wind (EBCE) June 15, 2021, SFWPA (Members) January 1, 2022, but possibly as soon as December 18, 2021, Sky River Wind (BART) September 1, 2021, Slate Solar (BART) October 31, 2021, Ukiah Mendocino Hydro (Ukiah) ongoing, and Antelope Solar (NCPA) December 1, 2021.
- **Operational Coordination** – Staff is coordinating with the CAISO regarding load shedding activities. Firm load shedding instructions from the CAISO to NCPA include:

- Step 1: Request to PG&E, SCE, SDG&E and VEA
- Step 2: Second request to all UDC/MSS
- Step 3: NCPA to contact individual Members

The CAISO will attempt to provide NCPA at least 1 hour advanced warning to mobilize staffing. Restricted maintenance orders include coordination with CAISO gen desk during events. The CAISO is still working on DR procedures/back-up generation procedures.

14. Next Meeting – The next regular Facilities Committee meeting is scheduled for July 7, 2021.

Non-essential Members and NCPA staff left the meeting for the closed session discussion Item #15.

CLOSED SESSION

15. CONFERENCE WITH LEGAL COUNSEL – Existing litigation pursuant to Government Code Section 54956.9(d)(1): Name of case: *In Re PG&E Corporation and Pacific Gas and Electric Company, Debtors; United States Bankruptcy Court, Northern District of California*, Case Nos. 19-30088 (Lead Case) and 19-30089 DM.

RECONVENED TO OPEN SESSION

All meeting attendees rejoined the public meeting.

REPORT FROM CLOSED SESSION

Closed Session Disclosure: General Counsel Jane Luckhardt stated no reportable action was taken on the closed session Item #15.

ADJOURNMENT

The meeting was adjourned at 12:37 pm by the Committee Chair.

Teleconference call only due to Covid19

Northern California Power Agency June 2, 2021 Facilities Committee Meeting Attendance List

NCPA Facilities Committee Members are requested to sign, but signature by members of the public is voluntary.

<u>MEMBER</u>	<u>NAME</u>
ALAMEDA	✓
BART	
BIGGS	✓
GRIDLEY	✓
HEALDSBURG	
LODI	✓
LOMPOC	
PALO ALTO	✓
PLUMAS-SIERRA REC	✓
PORT OF OAKLAND	✓
REDDING	✓
ROSEVILLE	✓
SANTA CLARA	✓
TID	✓
UKIAH	

