



RESOLUTION NO. U-11542

1 A RESOLUTION related to the purchase of materials, supplies, equipment and
2 the furnishing of services; authorizing the City officials to enter into
3 contracts and, where specified, waive competitive bidding requirements,
4 authorize sale of surplus property, or increase or extend existing
5 agreements.

6 WHEREAS the City of Tacoma, Department of Public Utilities, requested
7 bids or proposals for the purchase of certain materials, supplies, equipment or
8 the furnishing of certain services, or proposes to purchase off an agreement
9 previously competitively bid and entered into by another governmental entity or
10 a purchasing cooperative, or for the sales of surplus, or desires to increase or
11 extend an existing agreement, all as explained by the attached Exhibit "A,"
12 which by this reference is incorporated herein, and

13 WHEREAS in response thereto, bids or proposals (or prices from
14 another governmental or cooperative agreement) were received, all as
15 evidenced by Exhibit "A," and

16 WHEREAS the Board of Contracts and Awards or the requesting division
17 have heretofore made their recommendations, which may include waiver of the
18 formal competitive bid process because it was not practicable to follow said
19 process, or because the purchase is from a single source, or there is an
20 emergency that requires such waiver, or because a directly negotiated contract
21 was determined to be in the best interest of the City, or waiver of minor
22 deviations, and in the case of sale of surplus, a declaration of surplus has been
23 made certifying that said items are no longer essential for continued effective
24 utility service, as explained in Exhibit "A," Now, therefore,
25
26



1 BE IT RESOLVED BY THE PUBLIC UTILITY BOARD OF THE CITY OF TACOMA:

2 That the Public Utility Board of the City of Tacoma hereby concurs and
3 approves the recommendations of the Board of Contracts and Awards or
4 the requesting division, and approves, as appropriate: (1) the purchase or
5 furnishing of those materials, supplies, equipment or services recommended for
6 acceptance; (2) the sale of surplus materials, supplies or equipment
7 recommended for acceptance; (3) the purchase from a cooperative or another
8 governmental entity contract; and (4) the increase or extension of an existing
9 agreement, and said matters may include waiver of the formal competitive bid
10 process or waiver of minor deviations, all as set forth on Exhibit "A," and
11 authorizes the execution, delivery and implementation of appropriate notices,
12 contracts and documents by the proper officers of the City for said transactions.
13

14 Approved as to form:

15 _____
16 /s/
17 Chief Deputy City Attorney

Chair

Secretary

18 _____
19 Clerk

Adopted



Resolution No.: U-11542

Item No.:

Meeting Date: JULY 23, 2025

TO: Board of Contracts and Awards
FROM: Chris Robinson, Power Superintendent
Chris Mattson, Section Manager, Generation, Power
Ram Veeraraghavan, PDSS Manager, Generation, Power
Stan Sayenko, Engineering Project Manager, Generation, Power
COPY: Public Utility Board, Director of Utilities, Board Clerk, EIC Coordinator, LEAP
Coordinator, and Ryan Foster, Senior Buyer, Finance/Purchasing
SUBJECT: Professional Services Contract for Stability Analysis & Structural Improvements
Design of Mayfield Dam Spillway - Architectural and Engineering (A&E) Roster,
Contract No. SR5233570513
July 23, 2025 - Public Utility Board
DATE: June 11, 2025

RECOMMENDATION SUMMARY: Tacoma Power recommends a contract be awarded to KGS Group International, Inc., Bellevue, Washington, in the amount of \$3,000,000 plus applicable taxes, budgeted from the Power Fund - 4700, for an initial contract term of four (4) years to perform stability analysis and design structural improvements on the Mayfield dam spillway, right and left gravity section, and the right and left thrust blocks.

STRATEGIC POLICY PRIORITY: This contract supports upgrades that will ensure we continue providing clean renewable energy safely to our customers, assure outstanding stewardship of the natural and built environment, and meet regulatory obligations with the Federal Energy Regulatory Committee (FERC).

BACKGROUND: The Mayfield dam is one of two hydroelectric dams owned and operated by Tacoma Power on the Cowlitz River and is located downstream of Mossyrock dam. As a result of previous dam studies, recent data collected from foundation drains, and a change in the understanding of seismicity in the region; constraints have been placed on the operation of the spillway gates at Mayfield dam. Tacoma Power has committed to FERC to perform an investigation and improve the structure's stability. Based on studies and recent data, Tacoma Power believes that structural stability improvements are required on the spillway.

The purpose of this contract is to perform the necessary analysis, develop various mitigation alternatives, provide design services for selected alternative(s), support in the selection of a contractor during the bidding process, and provide necessary engineering support during construction.

ISSUE: To mitigate the risk of a spillway failure, operational restrictions were imposed on the spillway gates which in turn impacts Tacoma Power in the following three ways:

- It prevents the installation of bulkheads limiting maintenance
- It prevents the periodic full-height gate testing required by the FERC.
- It limits our ability to efficiently manage the water level in the Mayfield reservoir.

Additionally, there is an ongoing effort to remove reservoir restrictions at Riffe Lake (reservoir impounded by Mossyrock dam) and there is a risk of cascading failure at Mayfield dam from a potential seismic event at Mossyrock dam.



This contract will be instrumental to:

- Fulfill our commitment to FERC to investigate the spillway foundation and perform necessary improvements.
- Remove operational constraints on the use of the Mayfield spillway gates and efficiently manage the reservoir.
- Restore the ability to perform full gate testing and maintenance in accordance with FERC requirements.
- Support the Riffe Lake restoration program by addressing the risk at Mayfield dam.

ALTERNATIVES: One alternative considered was to continue to monitor the foundation. This option puts Tacoma Power at risk of a FERC mandated action. It also limits Tacoma Power's ability to respond should a seismic event occur.

Another alternative considered was to perform the analysis and design using internal staff. This option is not feasible because Tacoma Power does not have the internal specialized expertise in this field to perform the investigation and design.

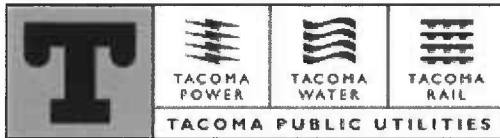
COMPETITIVE ANALYSIS: Tacoma Power invited seven consulting firms from the City's Architectural and Engineering (A&E) roster to submit updated qualifications. Four firms responded. A review team within Tacoma Power's Generation Section evaluated the submissions based on qualifications, relevant experience, reputation, and timeline. KGS International Group Inc. was the top-ranked firm and was selected for direct contract negotiations.

CONTRACT HISTORY: New contract.

SUSTAINABILITY: Removal of the operational restrictions at Mayfield dam spillway will improve operational effectiveness and contribute to the Riffe Lake restoration. This project supports Resolution No. 40776 to "Strengthen the City's Commitment to Decarbonization" by maintaining the city's dams and continuing operations of the hydroelectric plants to provide clean renewable energy.

EQUITY IN CONTRACTING (EIC) COMPLIANCE: Not applicable - Service contract - EIC Regulations are not yet established.

LOCAL EMPLOYMENT AND APPRENTICESHIP TRAINING PROGRAM (LEAP) COMPLIANCE: Not applicable.



FISCAL IMPACT:

EXPENDITURES:

FUND NUMBER & FUND NAME *	COST OBJECT (CC/WBS/ORDER)	COST ELEMENT	TOTAL AMOUNT
4700 - Power	PWR-00867	5330100	\$3,000,000
TOTAL			Up to \$3,000,000

REVENUES:

FUNDING SOURCE	COST OBJECT (CC/WBS/ORDER)	COST ELEMENT	TOTAL AMOUNT
4700 - Power	PWR-00867	5330100	(\$3,000,000)
TOTAL			Up to (\$3,000,000)

FISCAL IMPACT TO CURRENT BIENNIAL BUDGET: \$1,700,000

ARE THE EXPENDITURES AND REVENUES PLANNED AND BUDGETED: Yes

IF EXPENSE IS NOT BUDGETED, PLEASE EXPLAIN HOW THEY ARE TO BE COVERED. N/A



Resolution No.: U-11542
Item No.: 2
Meeting Date: JULY 23, 2025

TO: Board of Contracts and Awards
FROM: Chris Robinson, Power Superintendent
Chris Mattson, Section Manager, Generation, Power
Ram Veeraraghavan, PDSS Manager, Generation, Power
Adam Davis, Engineering Project Manager, Generation, Power
COPY: Public Utility Board, Director of Utilities, Board Clerk, EIC Coordinator, LEAP
Coordinator, and Ryan Foster, Finance/Purchasing
SUBJECT: On-Call Project Management and Engineering Services – Architectural and
Engineering (A&E) Roster, Contract No. SR5235901414
July 23, 2025 Public Utility Board
DATE: June 25, 2025

RECOMMENDATION SUMMARY: Tacoma Power, Generation Section, recommends a contract be awarded to Black & Veatch, Tualatin, OR, in the amount of \$1,000,000, plus applicable taxes, budgeted from the Power Fund - 4700, for an initial contract term of three years, with the option to renew for two additional one-year periods. This contract will provide on-call project management and engineering services to support the successful delivery of Generation's capital and operational projects.

BACKGROUND: The Generation Section is responsible for managing and maintaining the assets that support the operations at Tacoma Power's hydroelectric projects and fish facilities. As these assets age and as operational needs evolve, Generation undertakes construction projects to ensure continued reliability, safety, and efficiency. While many of these projects are managed by internal staff, consultant support is periodically needed to supplement staff resources.

This contract will provide additional staff resources to support projects currently lacking dedicated engineering project managers, including:

- Refurbishment of the Cushman No. 2 Unit 31 pressure-reducing valve
- Water supply system upgrades at the Cushman Saltwater Hatchery

In addition to project management, this contract will augment internal engineering capacity to support the following efforts:

- Hydro generator cooling water pipe and valve assessments
- Powerhouse crane condition assessments
- Turbine and generator capacity enhancement evaluations
- Asset condition assessments and project scoping that inform Generation's capital planning and prioritization

Additionally, as emergent needs arise, this contract will be used to provide project management and engineering services on an as-needed basis.

ISSUE: Generation is facing a growing backlog of condition assessments and support for construction projects that are critical to its operations. The volume of ongoing projects that need to be executed within Generation cannot be accomplished given limited internal staff resources.



Awarding this contract will relieve internal resource constraints, ensure timely project execution, and support Generation's planning and project prioritization.

ALTERNATIVES: An alternative considered is the "business as usual" approach. This option is not recommended because this approach would delay projects critical to operations and introduce risks and inefficiencies that will hinder future capital and operational planning efforts. Another alternative considered was to delay other projects and reassign internal staff. As mentioned earlier, Generation has a backlog of priority projects that are underway, and reassigning resources from these efforts would result in further delays to essential projects and compound operational and asset risks. For these reasons, this alternative was not selected.

COMPETITIVE ANALYSIS: Black & Veatch was selected using the citywide Architectural and Engineering (A&E) Roster. Five firms were selected from the citywide A&E roster and additional qualifications were requested of each firm. Three consulting firms submitted their qualifications and were interviewed. Black & Veatch was selected based on qualifications, relevant experience, reputation, and availability.

CONTRACT HISTORY: New contract.

SUSTAINABILITY: Not applicable at this time – Sustainability goals will be applied, as applicable, to publicly bid projects.

EQUITY IN CONTRACTING (EIC) COMPLIANCE: Not applicable - Service contract - EIC Regulations are not yet established.

LOCAL EMPLOYMENT AND APPRENTICESHIP TRAINING PROGRAM (LEAP) COMPLIANCE: Not applicable.

FISCAL IMPACT:

EXPENDITURES:

FUND NUMBER & FUND NAME *	COST OBJECT (CC/WBS/ORDER)	COST ELEMENT	TOTAL AMOUNT
4700 - Power Fund	Various	Various	\$1,000,000
TOTAL			Up to \$1,000,000

REVENUES:

FUNDING SOURCE	COST OBJECT (CC/WBS/ORDER)	COST ELEMENT	TOTAL AMOUNT
4700 - Power Fund	Various	Various	(\$1,000,000)
TOTAL			Up to (\$1,000,000)



FISCAL IMPACT TO CURRENT BIENNIAL BUDGET: \$240,000

ARE THE EXPENDITURES AND REVENUES PLANNED AND BUDGETED? Yes – The expenditures associated with projects in the current biennium have been appropriately budgeted.

IF EXPENSE IS NOT BUDGETED, PLEASE EXPLAIN HOW THEY ARE TO BE COVERED. N/A



Resolution No.: U-11542

Item No.:

3

Meeting Date:

JULY 23, 2025

TO: Board of Contracts and Awards
FROM: Chris Robinson, Utilities Deputy Director/Power Superintendent
Kalyan Kakani, Section Manager, Power Utility Technology Services
Sally Mohr, Division Manager, IT, Power UTS Solution Delivery & Transformation
Corey Bedient, Technology Manager, UTS Business Transformation & Change Deployment
COPY: Public Utility Board, Director of Utilities, Board Clerk, EIC Coordinator, LEAP Coordinator, and Aaron Bratton, Senior Buyer, Finance/Purchasing
SUBJECT: Advanced Distribution Management System (ADMS) System Integration Contract Award Recommendation – RFP Specification No. PI24-0256F, Contract No. CW2273649 Master Agreement and CW2273608 Statement of Work – July 23, 2025, Public Utility Board
DATE: July 7, 2025

RECOMMENDATION SUMMARY: Power Utility Technology Services (UTS) recommends a contract be awarded to Leidos Engineering, LLC (“Leidos”) of Reston, VA in the amount of \$4,631,860, plus up to a \$700,000 contingency, plus applicable taxes budgeted from Tacoma Power Fund 4700. The initial contract term is three years starting July 28, 2025, for a projected contract total of \$5,331,860, plus applicable taxes with the option to renew in one-year increments for System Integration (SI) services to support the successful implementation of the new Advanced Distribution Management System (ADMS), specifically through Phase 0 and Phase 1 of the ADMS Program.

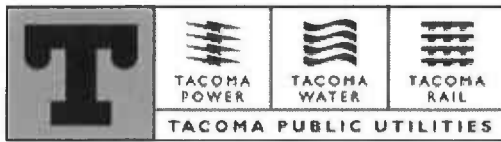
This award supports Tacoma Power’s goal to modernize its grid operations and replace the aging Outage Management System (OMS) with a robust, integrated ADMS platform. The selected vendor will be responsible for system design, integration, and coordination with internal systems and other implementation partners.

BACKGROUND: The Advanced Distribution Management System (ADMS) is a foundational initiative within Tacoma Power’s grid modernization strategy. It replaces the aging Outage Management System (OMS) to improve reliability, situational awareness, and operational efficiency.

The implementation of ADMS requires integration with key utility systems such as GIS, AMI, EMS, and customer platforms. Given the technical complexity and system interdependencies, a skilled System Integration (SI) partner is essential to guide the process and ensure successful delivery.

This project has been planned in multiple phases. Phases 0 and 1 focus on system architecture, configuration, and initial integrations. These efforts will lay the groundwork for subsequent phases and long-term program success. The SI will collaborate closely with internal teams, other vendors, and the organizational change management (OCM) group to ensure a coordinated and sustainable rollout.

Selecting the right SI partner is a major milestone in Tacoma Power’s commitment to transparency, accountability, and effective stakeholder engagement.



ISSUE: Tacoma Power is replacing its legacy Outage Management System (OMS) with a modern Advanced Distribution Management System (ADMS) to meet evolving operational, technological, and customer needs.

This transformation requires a System Integration (SI) partner to deliver technical design, system configuration, interface development, and integration with critical platforms including GIS, AMI, EMS, and customer-facing systems. The SI will also support organizational change efforts and serve as a key liaison between Tacoma Power and the ADMS software vendor. Given the complexity of the ADMS environment and the interdependencies across systems, selecting and contracting with a qualified SI vendor is essential to mitigate risk and maintain schedule and budget commitments.

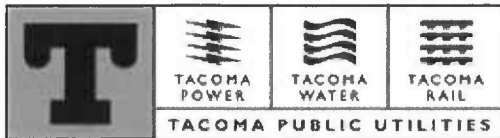
ALTERNATIVES: Tacoma Power could attempt to implement ADMS using internal staff and resources. However, this approach presents significant challenges. ADMS is a new and highly complex technology that requires specialized experience in system integration, vendor coordination, and utility-scale deployment. Tacoma Power does not currently have the internal expertise or available capacity to manage this implementation independently. Attempting to self-perform this work would introduce substantial schedule, budget, and operational risks. This is especially concerning as the current OMS is nearing end-of-life and has demonstrated reliability issues during large outage events.

COMPETITIVE SOLICITATION: Request for Proposal (RFP) Specification No. PI24-0256F was issued on November 20, 2024. The solicitation was publicly advertised and sent directly to eleven firms with demonstrated experience in utility system integration. Tacoma Power required vendors to meet a high threshold of technical expertise and relevant project experience. Four proposals were received. The limited number of responses reflects the complexity of the requirements and Tacoma Power's emphasis on selecting a highly qualified and experienced integration partner. The evaluation committee included representatives from System Operations, Project Management, and Application Support. These teams will rely on and support the implemented solution. After a thorough review process that included written evaluations, reference checks, and an on-site interview, Leidos Engineering, LLC was identified as the top-ranked proposer. Leidos distinguished itself by proposing a team with direct experience implementing the same ADMS platform (OSI) and migrating from Tacoma Power's current CGI OMS. Many of their proposed personnel worked on a recent, comparable project for another utility. Reference checks highlighted both their technical capabilities and their collaborative working style, reinforcing the team's strong fit for this engagement.

<u>RESPONDENT</u>	<u>LOCATION</u>	<u>SCORE</u>
Leidos Engineering, LLC.	Reston, VA	633
TRC Solutions, Inc.	Windsor, CT	626
Utilicast	Kirkland, WA	620
E Source Companies LLC	Boulder, CO	573

Pre-Bid Estimate: \$3,750,000

CONTRACT HISTORY: New contract.



SUSTAINABILITY: Leidos maintains a comprehensive Environmental, Health, and Safety (EH&S) policy that governs its internal practices and supports compliance with applicable laws and regulations. This policy is embedded within their broader corporate responsibility framework, which emphasizes environmental stewardship, social responsibility, and transparent governance.

Information on Leidos's environmental and sustainability commitments, including goals and performance metrics, is available in their publicly published Corporate Responsibility Report.

EQUITY IN CONTRACTING (EIC) COMPLIANCE: Not applicable - Service contract - EIC Regulations are not yet established.

LOCAL EMPLOYMENT AND APPRENTICESHIP TRAINING PROGRAM (LEAP) COMPLIANCE: Not applicable to this contract.

FISCAL IMPACT:

EXPENDITURES:

FUND NUMBER & FUND NAME	COST OBJECT (CC/WBS/ORDER)	COST ELEMENT	TOTAL AMOUNT
Tacoma Power 4700	WO 10000170369	5310100	\$5,331,860
TOTAL			Up to \$5,331,860

REVENUES:

FUNDING SOURCE	COST OBJECT (CC/WBS/ORDER)	COST ELEMENT	TOTAL AMOUNT
Tacoma Power 4700	WO 10000170369	5310100	(\$5,331,860)
TOTAL			Up to (\$5,331,860)

FISCAL IMPACT TO CURRENT BIENNIAL BUDGET: \$3,237,000

ARE THE EXPENDITURES AND REVENUES PLANNED AND BUDGETED? Yes

IF EXPENSE IS NOT BUDGETED, PLEASE EXPLAIN HOW THEY ARE TO BE COVERED. N/A