



RESOLUTION NO. U-11524

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-11524

Item No.: /

Meeting Date: APRIL 23, 2025

TO: Board of Contracts and Awards
FROM: Chris Robinson, Utilities Deputy Director / Superintendent, Power
Kalyan Kakani, Section Manager, Power Utility Technology Services (UTS)
Sally Mohr, Technology Division Manager, Power UTS Solution Delivery & Transformation
COPY: Corey Bedient, Technology Manager, UTS Business Transformation & Change
Public Utility Board, Director of Utilities, Board Clerk, EIC Coordinator, LEAP
Coordinator, and Aaron Bratton, Sr. Buyer Finance/Purchasing
SUBJECT: Energy Management Systems (EMS) Refresh Systems Integrator (SI)
Waiver for Direct Negotiation Contract No. CW2273129 – April 23, 2025 Public
Utility Board
DATE: March 26, 2025

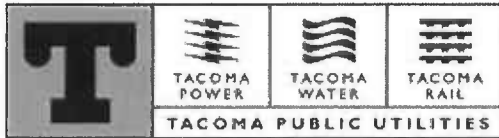
RECOMMENDATION SUMMARY: Power Utility Technology Services (UTS) requests a waiver of competitive procurement procedures and recommends that a contract be awarded to Utilicast LLC ("Utilicast") of Seattle, WA for Professional services to upgrade the AspenTech/OSI monarch Energy Management System (EMS) software and hardware, and to integrate with the Advanced Distribution Management System (ADMS) program to provide a centralized platform for operators to interface with distribution system equipment and manage the operations of an evolving distribution system, in the amount of \$1,682,604, plus applicable taxes, for eighteen months budgeted from the Power 4700 fund.

BACKGROUND: The EMS Refresh project is replacing hardware and software used to host the Energy Management System. The work is essential to allow TPU to replace the hardware that is at end-of-life and upgrade the software needed to support the ADMS project implementation.

ISSUE: Current EMS hardware was purchased in 2017 and is at end of life. The first phase of the project involves replacing and modernizing the EMS servers, workstations, and network equipment. The second phase involves upgrading the EMS software to the current version. Finally, the project includes system integration services from Utilicast to support the upgrade of the EMS system software. The software upgrade is to ensure that Tacoma is maintaining the version within the software vendor requirements to receive software support and will include the most current security features. The last software upgrade was performed in 2021.

ALTERNATIVES: Not updating systems, hardware and software within best practice industry guidelines introduces risk to the Operation and Maintenance (O&M) and response times/ ability should the EMS system be needed (e.g., in case of an emergency). Also, not upgrading the software will introduce potential security risks by not taking advantage of the latest security features.

Another option is for TPU to perform the systems integration work ourselves. We took this approach with the last software upgrade and the impacts were that the TPU staff were stretched too thin and the project took much longer than originally planned.



In summary, EMS upgrades enable a more reliable, efficient, and intelligent grid that integrates renewables while also improving operations, planning, and customer satisfaction. The investment in new systems pays dividends across the board.

COMPETITIVE ANALYSIS: Utilicast has been the implementer of the monarch software and hardware since 2016 when they were awarded the contract under RFP PS16-0427F and approved by Resolution U-10926. Utilicast has a deep knowledge of our systems and the monarch solution. Costs are minimized by utilizing an experienced supplier. Further, we evaluated the following:

1. Benchmarking against the original EMS Replacement project costs, comparing scope and effort requirements to establish appropriate pricing parameters. The original EMS Replacement Systems Integration costs were \$4M. The scope included the replacement of the old EMS. The EMS Refresh project is a hardware and software upgrade, and the costs will be approximately \$2M. The cost difference is commensurate with the scope differences.
2. Leveraging Utilicast's established relationship and system knowledge to secure competitive rates
3. Evaluation of both time and materials (T&M) and fixed-price options to determine the most cost-effective approach considering risks and benefits

Historical cost data, structured negotiations, and pricing model analysis to secure the best value while maintaining service quality.

CONTRACT HISTORY: New contract.

SUSTAINABILITY: Not Applicable to this contract.

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	10000169580	5310100	\$1,682,604
TOTAL			Up to \$1,682,604

REVENUES:

FUNDING SOURCE	COST OBJECT (CC/WBS/ORDER)	COST ELEMENT	TOTAL AMOUNT
Tacoma Power 4700	10000169580	5310100	(\$1,682,604)
TOTAL			Up to (\$1,682,604)

FISCAL IMPACT TO CURRENT BIENNIAL BUDGET: \$841,302

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-11524

Item No.:

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Meeting Date: APRIL 23, 2025

TO: Board of Contracts and Awards
FROM: Chris Robinson, Power Superintendent, Tacoma Power
Rachel Allen, Section Manager, Tacoma Power, PSS
Terry Coggins, Division Manager, Tacoma Power, PSS
Tammy Smith, Facilities Operations Manager, Planning, Tacoma Power, PSS
COPY: Public Utility Board, Director of Utilities, Board Clerk, EIC Coordinator, LEAP
Coordinator, and Aaron Bratton, Sr. Buyer Finance/Purchasing
SUBJECT: Furniture Procurement for Tacoma Public Utilities
Contract No. CW2271862 – April 23, 2025, Public Utility Board
DATE: March 17, 2025

RECOMMENDATION SUMMARY: The Power Division recommends a contract be awarded to Workpointe, Seattle, WA, in the amount of \$1,000,000, plus applicable taxes, budgeted from the Power PSS Facilities Fund. The initial contract term extends through December 31, 2025, with the option to renew for three additional one-year extensions, for a cumulative total contract amount of \$4,000,000, plus applicable taxes, for the procurement of new furniture for Tacoma Public Utilities' (TPU) offices, meeting rooms, and communal spaces.

BACKGROUND:

ISSUE: Currently the Power Division has only one furniture supplier. Relying on a single supplier poses risks such as supply chain disruptions, price increases, or manufacturing delays. Having more than one supplier offers the advantage of contract discounts and negotiating better deals if one supplier raises its prices. In addition, suppliers may have different lead times for product delivery. Having a variety of contracts helps ensure that we meet project deadlines should one supplier have issues with low stock. Finally, diversifying suppliers offers a variety in product and helps us meet staff needs but also offers new ideas, trends, and innovations.

ALTERNATIVES: The existing furniture supplier contract expires on December 31, 2026. If we allow the contract to expire without an active contract, there may be risks of business disruptions including project delays and not meeting the needs of the organization. Once a contract expires, the Power Division may no longer be locked into discounted, agreed-upon pricing which may lead to paying higher costs for goods and services and have a negative impact on budgets. We may also be subjected to less favorable payment terms, lower product quality, and limited options to meet business needs.

COMPETITIVE SOLICITATION: TPU will utilize the KCDA Purchasing Cooperative IFB # 25-130. Piggybacking on this contract will save TPU time and administrative costs by avoiding the need to undergo a separate procurement process. TPU can also leverage the buying power by using a larger agency contract and potentially get better pricing and volume discounts.

CONTRACT HISTORY: New contract.

SUSTAINABILITY: Workpointe provides options for clients looking to meet LEED requirements or other green initiatives. They also pledge to reduce, reuse, and recycle specified furniture and materials, which prolong their lifecycle and help avoid landfill contamination.



EQUITY IN CONTRACTING (EIC) COMPLIANCE: **Not applicable - EIC Exception:**
Interlocal/Cooperative Purchasing

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
Power PSS 1600	Various	5210100	4,000,000
TOTAL			Up to \$4,000,000

REVENUES:

FUNDING SOURCE	COST OBJECT (CC/WBS/ORDER)	COST ELEMENT	TOTAL AMOUNT
Power PSS 1600	Various	5210100	(\$4,000,000)
TOTAL			Up to (\$4,000,000)

FISCAL IMPACT TO CURRENT BIENNIAL BUDGET: \$ 1,600,000

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-11524

Item No.:

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Meeting Date: APRIL 23, 2025

TO: Board of Contracts and Awards
FROM: Heather Pennington, Superintendent, Tacoma Water
Stuart Vaughan, Division Manager, Tacoma Water
Gary Fox, Professional Engineer, Tacoma Water
COPY: Public Utility Board, Director of Utilities, Board Clerk, EIC Coordinator, LEAP
Coordinator, and Brandon Snow, Senior Buyer, Finance/Purchasing
SUBJECT: Green River Filtration Facility Chemical Feed Lines Replacement
Request for Bids Specification No. TW24-0031F, Contract No. CW2273195 –
April 23, 2025, Public Utility Board
DATE: March 28, 2025

RECOMMENDATION SUMMARY: Tacoma Water recommends a contract be awarded to Northwest Cascade, Inc., Puyallup, WA, in the amount of \$744,825, plus applicable taxes, budgeted from the Tacoma Water Fund 4600, for the replacement of the chemical feed lines at the Green River Filtration Facility (GRFF).

STRATEGIC POLICY PRIORITY:

- Strengthen and support a safe city with healthy residents.
- Ensure all Tacoma residents are valued and have access to resources to meet their needs.
- Assure outstanding stewardship of the natural and built environment.

The services provided by this contract are necessary to maintain the operations of the GRFF to provide clean, reliable drinking water to all Tacoma residents and Tacoma Water customers.

BACKGROUND: Chemical feed lines in secondary containment continuously transport chemicals underground from the GRFF Chemical Facility to various injection points throughout the plant. This chemical feed system is crucial to ensuring that the GRFF treats Green River water to meet or exceed Washington Department of Health standards.

ISSUE: The existing reinforced polyvinyl chloride (PVC) chemical feed lines are at the end of expected life. The system that was originally installed during the construction of the GRFF utilizes couplings and hose clamps to connect the chemical feed lines inside underground vaults. Fusion-welded high-density polyethylene (HDPE) eliminates the need for couplings and hose clamps and doubles the expected life of the reinforced PVC.

ALTERNATIVES: The initial plan for this project was to replace the chemical feed lines with the same material as originally installed (reinforced PVC), but a business case evaluation determined that HDPE was a comparable and suitable material for this service and was less than half the cost of reinforced PVC. In addition, HDPE also limits leaks at connections and provides longer life than what was originally installed.

If this project is not completed, the existing chemical feed lines will likely begin failing as they reach end of expected life and require emergency repairs to continue GRFF operations.



COMPETITIVE SOLICITATION: Request for Bids Specification No. TW24-0031F was opened March 11, 2025. Six companies were invited to bid in addition to normal advertising of the project. Four submittals were received.

Northwest Cascade, Inc. submitted a bid that resulted in the lowest evaluated submittal. The table below reflects the amount of the base award.

<u>Respondent</u>	<u>Location</u>	<u>Submittal Amount</u>
Northwest Cascade, Inc.	Puyallup, WA	\$ 744,825
Maroni Construction, Inc.	Enumclaw, WA	\$ 760,440
Award Construction, Inc.	Ferndale, WA	\$ 996,750
General Mechanical, Inc.	Tacoma, WA	\$ 1,110,765

Pre-bid Estimate: \$600,000

The recommended award is 24 percent above the pre-bid estimate.

CONTRACT HISTORY: New Contract

SUSTAINABILITY: The HDPE piping will last twice as long (~20 years) as compared to the reinforced PVC tubing (~10 years), which will limit waste and emissions from future construction work.

EQUITY IN CONTRACTING (EIC) COMPLIANCE: Not applicable - EIC Exception: Lack of certified contractors

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
4600 Water Fund	20000129459	Various	\$323,999
4600-RWSS Operating Fund	20000129459	Various	\$420,826
TOTAL			Up to \$744,825

REVENUES:

FUNDING SOURCE	COST OBJECT (CC/WBS/ORDER)	COST ELEMENT	TOTAL AMOUNT
4600-SDC Water SysDevelop Chg	587600	6311185	(\$499,343)
4600-RWSS Operating Fund	588000	6311195	(\$245,482)
TOTAL			Up to (\$744,825)



FISCAL IMPACT TO CURRENT BIENNIAL BUDGET: \$744,825

ARE THE EXPENDITURES AND REVENUES PLANNED AND BUDGETED? Yes

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