



RESOLUTION NO. U-11631

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

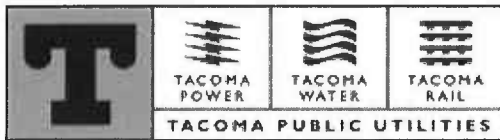
14 Approved as to form:

15
16 _____
17 /s/
18 Chief Deputy City Attorney

19 _____

Clerk

Adopted _____



Resolution No.: U-11631
Item No.: /
Meeting Date: OCTOBER 28, 2026

TO: Board of Contracts and Awards
FROM: Chris Robinson, Utilities Deputy Director - Power Superintendent, Tacoma Power
Rachel Allen, Section Manager, Power Utility, Power Shared Services (PSS)
Ryan McLaughlin, Manager, Power Utility, PSS Power Project Management Office (PMO)
COPY: Public Utility Board, Director of Utilities, Board Clerk, EIC Coordinator, LEAP Coordinator, Aaron Bratton, Senior Contracting & Procurement Specialist, Finance/Purchasing
SUBJECT: Continued Access to Freelance Network
Contract No. CW2257345 – October 28, 2026 Public Utility Board
DATE: October 2, 2026

RECOMMENDATION SUMMARY:

Power Shared Services (PSS) and the Project Management Office (PMO) request approval to increase Contract No. CW2257345 to Upwork Global Inc (Upwork), Palo Alto, CA, by \$200,000, plus applicable taxes, budgeted from the Rate Payer Fund, for freelance resources that supplement internal staff capacity and capabilities. This increase will bring the contract to a projected total of \$600,000, plus applicable taxes.

BACKGROUND:

Upwork has been collaborating with Tacoma Public Utilities (TPU) since April 2023 and is well-acquainted with our critical requirements for the PMO Smartsheet Portfolio Visibility and Resource Capacity Planning systems. Upwork has successfully provided freelance services to expand and improve these programs

Prior to the execution of this contract our evaluation of alternative vendor options demonstrated Upwork to be the most cost-effective approach to these types of on-call services.

ISSUE: This initiative involves ongoing development and continuous enhancement of the PMO's Smartsheet Portfolio Visibility and Resource Capacity Planning systems. These systems are currently expanding from pilot programs at the section level to broader implementation across Tacoma Power.

ALTERNATIVES:

The ongoing project for which Upwork is responsible, the Smartsheet Portfolio Visibility and Resource Capacity Planning systems—requires uninterrupted progress. If this work is halted, issuing a request for proposals to engage a new provider could require additional time and effort to familiarize the new team with the work already accomplished over the past several years. Therefore, proceeding without interruption remains the most efficient approach.

COMPETITIVE ANALYSIS:

Tacoma Power's PMO previously partnered with Upwork to develop Smartsheet tools and systems to pilot a program that improves leadership's ability to understand, plan, and manage staffing resources for successful project delivery (Resource Capacity Planning). Following the pilot's success, we are expanding and implementing this system across Tacoma Power and



integrating it with our Portfolio Visibility System. Before issuing this contract, our evaluation of alternative vendors identified Upwork as the most cost-effective option for these types of on-demand services. We are requesting to retain access to the Upwork experts who have been supporting this project since its inception. Tacoma Power has already allocated resources to support their understanding and customization of the product to meet utility-specific requirements.

CONTRACT HISTORY: To satisfy competitive solicitation requirements, a direct negotiation waiver was authorized in April 2023. Extensions to the contract are auto-renewed annually and any increases to the contract have been achieved by Supplemental Change form utilizing Upwork's Master Subscription agreement.

SUSTAINABILITY: Not applicable.

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 -Tacoma Power			\$200,000
TOTAL			Up to \$200,000

REVENUES:

FUNDING SOURCE	COST OBJECT (CC/WBS/ORDER)	COST ELEMENT	TOTAL AMOUNT
4700 – Tacoma Power			(\$200,000)
TOTAL			Up to (\$200,000)

FISCAL IMPACT TO CURRENT BIENNIAL BUDGET: \$0

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-11631
Item No.: 2
Meeting Date: OCTOBER 28, 2026

TO: Board of Contracts and Awards
FROM: Chris Robinson, Utilities Deputy Director - Power Superintendent, Tacoma Power
Kalyan Kakani, Section Manager, Power Utility Technology Services (UTS)
Tony Landrith, Division Manager, Technology, Power UTS, Solution Delivery
Michael Axworthy, Manager, Technology, Power UTS, Advanced Metering
Infrastructure (AMI) Operations
COPY: Public Utility Board, Director of Utilities, Board Clerk, EIC Coordinator, LEAP
Coordinator, and Brittany Riolo, Senior Contracting & Procurement Specialist,
Finance/Purchasing
SUBJECT: EnergyIP Core System Maintenance and Support Agreement
Contract No. CW2245713 – October 28, 2026 Public Utility Board
DATE: September 9, 2026

RECOMMENDATION SUMMARY:

Power Utility Technology Services (UTS) requests approval to increase and extend Contract No. CW2245713, to Siemens Industry Inc (Siemens), Lebanon, Ohio, by \$556,496.00, plus applicable taxes, budgeted from various funds, for a five-year renewal and increase to the EnergyIP Core System Maintenance and Support Agreement. This increase will bring the contract to a projected total of \$954,682.00, plus applicable taxes, and extend contract through November 30, 2031.

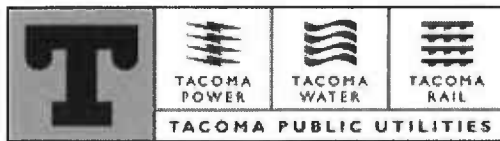
BACKGROUND:

The EnergyIP (EIP) Software is the Meter Data Management System (MDMS) as part of the Advanced Metering Infrastructure (AMI). The End User License Agreement was created for the Licensing required for the EIP post AMI implementation. The EIP licensing was originally written under the name eMeter Corporation then was subsequently taken over by Siemens on October 1, 2023.

ISSUE: This subsequent request for approval is to support the ongoing licensing, support and maintenance of the implemented software for AMI into the future and continue existing EIP Licensing for the AMI MDMS.

ALTERNATIVES: If licensing for the EIP MDMS software would expire, TPU would no longer be provided support and lose the ability and permission to use the EIP. There are external partners that could manage, negotiate, and administer the licensing, but ultimately Siemens issues the licensing and TPU negotiated directly with Siemens for the best price. Going with an external partner would require a rip and replace, which would be price prohibitive and impact our established provider support. There is not an alternative to go with for support. Without the license we would no longer have permission to use EIP and could face contractual and legal consequences.

COMPETITIVE ANALYSIS: The initial purchase was the result of The Business Systems Improvement Project approved by City Council and the Public Utility Board on June 11, 2002, Resolution No. 35542 and U-9721, respectively. SAP Public Services Inc. maintained the software until December 31, 2021, when it was taken over by UTS as an exempt stand-alone software license and maintenance.



CONTRACT HISTORY: This contract was originally awarded to eMeter Corporation (now Siemens Industry Inc) as a result of Exempt Sourcing Request No. SR3130968757 on December 11, 2021, for an initial five (5) year term in the amount of \$398,186.00.

SUSTAINABILITY: Not applicable

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
Power 4700	5412170		\$395,112.16
Water 4600			\$144,911.56
ES Wastewater 4300			\$16,472.28
TOTAL			Up to \$556,496.00

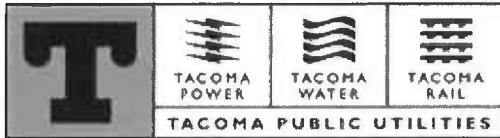
REVENUES:

FUNDING SOURCE	COST OBJECT (CC/WBS/ORDER)	COST ELEMENT	TOTAL AMOUNT
Power 4700	5412170		(\$395,112.16)
Water 4600			(\$144,911.56)
ES Wastewater 4300			(\$16,472.28)
TOTAL			Up to (\$556,496.00)

FISCAL IMPACT TO CURRENT BIENNIAL BUDGET: No; an expected \$207,466.00 for 2027/2028 Biennial Budget.

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-11631

Item No.: 3

Meeting Date: OCTOBER 28, 2026

TO: Board of Contracts and Awards
FROM: Chris Robinson, Utilities Deputy Director - Power Superintendent, Tacoma Power
Ray Johnson, Section Manager, Power Utility
Todd Lloyd, Assistant Section Manager, Power Utility
Saul Villarreal, Manager, Power Utility, Power Management Resource Operations
COPY: Public Utility Board, Director of Utilities, Board Clerk, EIC Coordinator, LEAP Coordinator, and Sara Bird, Senior Contracting & Procurement Specialist, Finance/Purchasing
SUBJECT: Upstream Tech HydroForecast Subscription 2027-2028
Contract No. CW2246790 – October 28, 2026, Public Utility Board
DATE: October 12, 2026

RECOMMENDATION SUMMARY: Tacoma Power's Power Management group requests approval to increase and extend Contract No. CW2246790 with UPSTREAM PBC (Upstream Tech), Somerville, MA, by \$180,062.62, plus applicable taxes, funded through the Tacoma Power Fund 4700, and to extend the contract term through December 31, 2028. This increase will bring the contract to a projected total of \$549,936.62, plus applicable taxes.

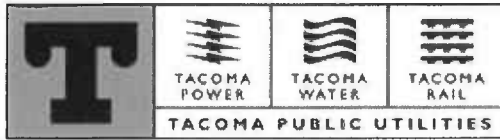
BACKGROUND:

Tacoma Power has utilized HydroForecast's short- and long-term hydrologic models since January 2022 to inform water management, planning, and operational decisions for the Cowlitz, Nisqually, and Cushman hydroelectric projects. HydroForecast produces reservoir inflow forecasts using advanced probabilistic, machine learning-based modeling, providing a consistent and reliable forecasting framework across multiple time horizons. This enhanced insight into anticipated water availability strengthens Tacoma Power's ability to effectively manage flood control responsibilities, resource adequacy, downstream regulatory compliance for aquatic resource stewardship, recreational planning, and hydropower production.

ISSUE: Tacoma Power requires accurate and timely hydrologic forecasts to efficiently manage its water and hydropower resources and to mitigate risks associated with increasingly variable hydrologic conditions. Intensifying storm events, shifting snowmelt patterns, wildfires, and prolonged dry periods have created greater uncertainty around reservoir inflows and available generation capacity. Improved forecast information is essential for maximizing the value of available water, to reduce water management related impacts, resource adequacy planning, downstream regulatory compliance obligations, recreation commitments, and optimizing hydropower generation for cost-effective power delivery to our customers.

Continued partnership with Upstream Tech enables Tacoma Power to meet these operational needs through state-of-the-art forecasting models specifically calibrated to our watersheds. After four years of successful implementation, HydroForecast is now directly integrated into Tacoma Power's generation planning and operational workflows, supporting informed decision-making across operational planning functions.

ALTERNATIVES: Tacoma Power has several potential alternatives to HydroForecast; however, none provides an equivalent level of capability or operational value. Without HydroForecast,



Tacoma Power would rely solely on forecasts from the Northwest River Forecast Center (NWRFC), which uses physics-based, historically calibrated models and has long been a trusted partner in Tacoma Power's planning process. While NWRFC's forecasts remain an important input, they are limited in accuracy across Tacoma Power's basins, particularly over varying forecast horizons and during extreme hydrologic events such as atmospheric rivers.

HydroForecast offers an independent forecast and has provided more accurate short- and long-term inflow forecasts, an improved representation of extreme events, and a more comprehensive watershed level context through integration of precipitation, temperature, snowpack, and vegetation indicators. Developing an internal model to match these capabilities would require significant investment in specialized staff, data infrastructure, and ongoing model development. Maintaining the HydroForecast partnership therefore represents the most effective and cost-efficient approach to ensuring Tacoma Power has the high-quality hydrologic intelligence needed to support reliable, optimized, and risk-aware resource operations.

COMPETITIVE ANALYSIS:

The original contract was the result of a direct negotiation for a service subscription. Per our Purchasing Policy and TMC 10.06.269, a competitive solicitation is not required for software as a service and may be renewed for as long as Tacoma Power determines the service is needed.

CONTRACT HISTORY: This contract was originally awarded to Upstream Tech, Inc. in December 2021 with a not to exceed amount of \$68,000.00 from December 20, 2021, to December 30, 2022.

Amendment No. 1: December 2022 adding \$83,600.00 for a new, not-to-exceed amount of \$151,600.00, plus applicable taxes, and to extend the contract to December 31, 2023.

Amendment No. 2: January 2024 adding \$47,500.00 for a new, not-to-exceed amount of \$199,100.00, plus applicable taxes, and to extend the contract to December 31, 2024.

Amendment No. 3: December 2024 adding \$170,774.00 for a new, not-to-exceed amount of \$369,874.00, plus applicable taxes, and to extend the contract to December 31, 2026.

SUSTAINABILITY: Maintaining two independent forecasting systems, NWRFC and HydroForecast, provides Tacoma Power with a more robust representation of potential hydrologic conditions. The NWRFC's physics-based models are designed to represent upper bound flood risk scenarios, while HydroForecast is calibrated to predict the most likely outcomes and provides probability distributions across a range of possibilities. NWRFC models rely primarily on historical basin data; they can underrepresent extreme events outside the historical record. Using both tools allows operators to act with greater confidence when forecasts align and to plan effectively within a defined range when they diverge.

HydroForecast also supports Tacoma Power's sustainability and clean energy objectives. Its machine learning model, trained across hundreds of watersheds and continually refreshed with real time weather and satellite data, can reliably forecast conditions beyond the historical bounds of any single basin, where traditional physics-based models have a high likelihood of missing emerging patterns. This enables more accurate forecasting under volatile conditions,



allowing Tacoma Power to optimize hydropower generation and reduce reliance on carbon intensive grid resources. Combined with ongoing model improvements tailored to Tacoma Power's watersheds, HydroForecast provides the most effective and forward-looking solution for managing hydrologic uncertainty while supporting long term operational resilience and clean energy goals.

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/Power Management	566600	5310100	\$180,062.62
TOTAL			Up to \$180,062.62

REVENUES:

FUNDING SOURCE	COST OBJECT (CC/WBS/ORDER)	COST ELEMENT	TOTAL AMOUNT
4700 Power/Power Management	566600	5310100	(\$180,062.62)
TOTAL			Up to (\$180,062.62)

FISCAL IMPACT TO CURRENT BIENNIAL BUDGET: \$ 25,386.00

ARE THE EXPENDITURES AND REVENUES PLANNED AND BUDGETED? Yes

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