



RESOLUTION NO. U-11453

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

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

Approved as to form:

/s/
Chief Deputy City Attorney

Chair

Secretary

Clerk

Adopted _____



Resolution No.: U-11453

Item No.: /

Meeting Date: APRIL 24, 2024

TO: Board of Contracts and Awards
FROM: Chris Robinson, Deputy Utility Director, Power Superintendent, Tacoma Power
Joseph A. Wilson, Transmission and Distribution Section Manager, Tacoma Power
Chad Edinger, P.E., Electrical Services Manager, Tacoma Power T&D
Greg Horodyski P.E., Power Systems Engineer PE, Tacoma Power T&D
COPY: Basel Kitmitto, P.E., Project Manager, Public Works Engineering
Public Utility Board, Director of Utilities, Board Clerk, EIC Coordinator, LEAP
Coordinator, and Carly Fowler, Finance/Purchasing
SUBJECT: TPU S 17th Street Court D/E
Request For Bids Specification No. PW23-0090F, Contract No. CW2265004 –
April 24, 2024 Public Utility Board
DATE: 4/1/2024

RECOMMENDATION SUMMARY: TPU Power Transmission and Distribution (T&D) Electrical Services recommends a contract be awarded to Northwest Cascade, Inc., Puyallup, WA, in the amount of \$1,043,677.00, plus a 15 percent contingency, for a cumulative total of \$1,200,228.55, plus applicable taxes, budgeted from the Tacoma Power Fund, for electrical utility vault and duct bank installation as well as applicable street restoration within City Right of Way.

STRATEGIC POLICY PRIORITY:

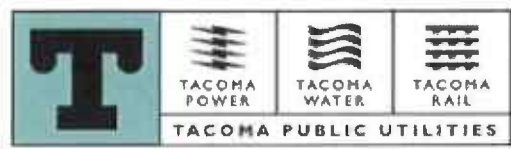
- Strengthen and support a safe city with healthy residents.
- Ensure all Tacoma residents are valued and have access to resources to meet their needs.
- Assure outstanding stewardship of the natural and built environment.

BACKGROUND:

The project will improve the electrical utility infrastructure by installing utility vaults and connecting duct banks that will meet the electrical demands of the existing and future development in this area of downtown. Existing impacted sidewalks will be replaced and widened, and impacted alley way entrances will be replaced with bulbed out entrances.

Work for this project is located between Court D and Court E along S. 17th St. and integrates with work which was completed in 2022 on Fawcett between S. 17th and S. 21st. All of this work is part of a larger project to build a new underground system into Downtown Tacoma from Nisqually Substation. This overall project is necessary due to the limited additional ampacity available in the existing system and the age of the existing system, the majority of which is ~90 years old.

ISSUE: Electrical demands within the developing downtown area of Tacoma have increased through the years. The project's work includes electrical infrastructure upgrades that are essential to meet the electric demands of the existing and planned developments within the Downtown and Hilltop neighborhoods.



ALTERNATIVES: The alternative is to not install the electrical infrastructure. Doing so could result in an overloading of the the existing power infrastructure, resulting in unforeseen failures and power outages, particularly during high power consumptions periods.

COMPETITIVE SOLICITATION: Request For Bids Specification No. PW23-0090F was opened March 19th, 2024. There were 136 companies invited to bid in addition to normal advertising of the project. Three submittals were received.

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

<u>Respondent</u>	<u>Location</u> <i>(city and state)</i>	<u>Submittal Amount</u>
McCann Construction Enterprises, Inc.*	<u>Renton, WA</u>	\$995,327.00
Northwest Cascade, Inc.	<u>Puyallup, WA</u>	\$1,043,677.00
Titan Earthwork LLC	<u>Pacific, WA</u>	\$1,126,700.00

*Firm was determined non-responsive for not meeting the EIC Goal requirements.

Pre-bid Estimate: \$823,260.00

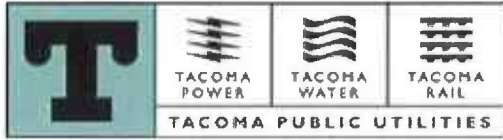
The recommended award is 27 percent above the pre-bid estimate.

CONTRACT HISTORY: New Contract

SUSTAINABILITY: This solicitation was done as a Request for Bids, where Sustainability is not considered in the award. However, TPU engineers worked with the Public Works Department to ensure this project was done in compliance with the City of Tacoma’s current Public Works Sustainability requirements for new projects. In addition, street trees will be planted per City codes pertaining to new sidewalks.

EQUITY IN CONTRACTING (EIC) COMPLIANCE: The recommended contractor is in compliance with the EIC requirements per memorandum dated March 25, 2024. The EIC requirements for this project are eight percent MBE, two percent WBE, and eight percent SBE. The EIC utilization levels of the recommended contractor, Northwest Cascade, Inc., are 8.05 percent MBE, 2.54 percent WBE, and 8.06 percent SBE.

LOCAL EMPLOYMENT AND APPRENTICESHIP TRAINING PROGRAM (LEAP) COMPLIANCE: The LEAP requirement for this project is 15 percent of the project labor hours must be worked by Local Employees, per TMC 1.90.040.



FISCAL IMPACT:

EXPENDITURES:

FUND NUMBER & FUND NAME *	COST OBJECT (CC/WBS/ORDER)	COST ELEMENT	TOTAL AMOUNT
4700 Tacoma Power	PWR-01216	5330100	\$1,200,228.55
TOTAL			Up to \$1,200,228.55

REVENUES:

FUNDING SOURCE	COST OBJECT (CC/WBS/ORDER)	COST ELEMENT	TOTAL AMOUNT
Power Sales	Various	Various	(\$1,200,228.55)
TOTAL			Up to (\$1,200,228.55)

FISCAL IMPACT TO CURRENT BIENNIAL BUDGET: \$1,200,228.55

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-11453

Item No.: 2

Meeting Date: APRIL 24, 2024

TO: Board of Contracts and Awards
FROM: Chris Robinson, Utility Deputy Directory, Power Superintendent, Tacoma Power
Kalyan Kakani, Power Utility Technology Services
Tony Landrith, Power Utility Technology Services
COPY: Mark Pervinich, Technology Project Manager, Power Utility Technology Services
Public Utility Board, Director of Utilities, Board Clerk, EIC Coordinator, LEAP
Coordinator, and Brandon Snow, Senior Buyer, Finance/Purchasing
SUBJECT: Advanced Distribution Management System (ADMS) Trusted Advisor
Request for Proposals (RFP) Specification No. PT22-0127F, Contract No.
CW2251179 – April 24, 2024 Public Utility Board
DATE: April 5, 2024

RECOMMENDATION SUMMARY:

Tacoma Power, Utility Technology Services requests approval to increase contract CW2251179, to GridBright, Inc. (GridBright), Alamo, CA, by \$150,000, plus applicable taxes, budgeted from the 4700 Power Fund, for continued Trusted Advisor services throughout the ADMS implementation. This increase will bring the contract to a cumulative total of \$650,000, plus applicable taxes.

BACKGROUND:

TPU sought a trusted advisor to provide insight into the growing ADMS space, conducting an organizational needs assessment, guidance toward maximizing positive business and project outcomes, leading the development of initial requirements and preparation for the ADMS project procurement phase and the development of a TPU ADMS-based strategy and roadmap. TPU sought outside council due to TPU's limited knowledge and experience in the ADMS workspace.

ISSUE: The ADMS RFP is now in its final stages of award and contract negotiation. Engaging the services of GridBright has been crucial to ensuring the successful award, negotiation, contracting, and implementation of the ADMS supplier. Their extensive domain expertise and experience in utility system integration projects will be an invaluable resource.

Furthermore, GridBright's consultation will greatly benefit TPU in the development of the ADMS Systems Integrator RFP. Their profound knowledge of industry best practices will help TPU craft a comprehensive and robust RFP, mitigating potential risks and ensuring a seamless integration of the ADMS with existing systems and processes.

The rapidly evolving technological landscape and increasing complexity of modern distribution management systems necessitate the engagement of seasoned consultants like GridBright. Their specialization in this domain will enable TPU to navigate the implementation processes with confidence, ensuring a future-proof solution that aligns with TPU's long-term strategic objectives and operational requirements.

ALTERNATIVES: One alternative is to not extend GridBright's current contract. Not extending GridBright's contract could have severe negative impacts on the successful ADMS implementation at TPU:



1. Loss of critical subject matter expertise and industry knowledge.
2. Incomplete requirements gathering for the ADMS Systems Integrator RFP.
3. Potential selection of a suboptimal ADMS vendor without GridBright's guidance.
4. Increased project risks due to lack of experienced oversight during integration.
5. Disruption of continuity and knowledge transfer between project phases.

Given the complexity of the ADMS project, discontinuing GridBright's services exposes TPU to significant risks that could jeopardize timelines, budgets, and the overall success of the implementation. Their specialized expertise is invaluable for ensuring a seamless integration aligned with TPU's operational needs.

COMPETITIVE SOLICITATION:

Request for Proposal Specification No. PT22-0127F was opened Tuesday April 22, 2022. Two hundred and thirteen companies were invited to bid in addition to normal advertising of the project. Nine submittals were received.

GridBright, Inc. submitted a bid that resulted in the highest evaluated submittal. The table below reflects the score of the base award.

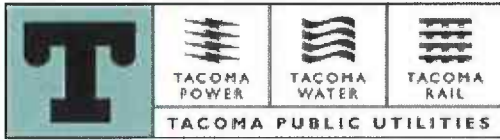
Respondent (RFP)	Location	Score
GridBright, Inc.	Alamo, CA	72.3
ESTA International, LLC	Sterling, VA	71.5
TRC Companies, Inc.	Seattle, WA	69.3
Utilicast LLC	Kirkland, WA	61.5
Bridgewater Consulting Group, Inc.	Irvine, CA	57.0
Toba Consulting, LLC	Fox Island, WA	49.5
Sure Power Consulting LLC	Alpharetta, GA	47.5
Ready Kilo Consulting Co	Orland Park, IL	36.0
CLP Engineering, LLC	Greenwood Village, CO	32.5

Pre-bid Estimate: \$500,000
 The recommended award was exactly the pre-bid estimate.

CONTRACT HISTORY: This contract was originally awarded to GridBright, Inc. as a result of RFP Specification No. PT22-0127F in April 2022 in the amount of \$500,000. GridBright then entered into a Master Business and Services Agreement along with executing a Scope of Work (SOW) for Trusted Advisor services. The SOW is scheduled to expire September 1, 2024. The Master Agreement is perpetual until terminated by either party upon 60 days written notice.

Amendment No. 1 seeks to add additional funding in the amount of \$150,000 to support the ADMS program as it moves forward through contract negotiations, Systems Integration RFP work, and project start-up and design activities.

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 to this contract.

FISCAL IMPACT:

EXPENDITURES:

FUND NUMBER & FUND NAME	COST OBJECT (CC/WBS/ORDER)	COST ELEMENT	TOTAL AMOUNT
4700 Power Fund	565300	5310100	\$150,000
TOTAL			Up to \$150,000

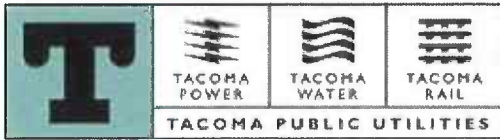
REVENUES:

FUNDING SOURCE	COST OBJECT (CC/WBS/ORDER)	COST ELEMENT	TOTAL AMOUNT
4700 Power Fund			(\$150,000)
TOTAL			Up to (\$150,000)

FISCAL IMPACT TO CURRENT BIENNIAL BUDGET: \$75,000.00

ARE THE EXPENDITURES AND REVENUES PLANNED AND BUDGETED? Yes, expenditures for this project have been budgeted for the current biennium. Future expenditures will also be budgeted from the above listed funds.

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



Resolution No.: U-11453

Item No.: 3

Meeting Date: APRIL 24, 2024

TO: Board of Contracts and Awards
FROM: Chris Robinson, Utilities Deputy Director - Power Superintendent, Tacoma Power
Joseph A. Wilson, Transmission and Distribution (T&D) Section Manager,
Tacoma Power
COPY: Mike Allen, Substation Engineering Manager, Tacoma Power – T&D Engineering
Public Utility Board, Director of Utilities, Board Clerk, EIC Coordinator, LEAP
Coordinator, and Sara Bird, Senior Buyer, Finance/Purchasing
SUBJECT: Power Transformers
Request for Bids Specification No. PT18-0329F, Contract No. 4600013776 –
April 24, 2024 Public Utility Board
DATE: April 8, 2024

RECOMMENDATION SUMMARY: Tacoma Power requests approval to increase and extend Contract No. 4600013776, to Iljin Electric USA, Inc., Houston, TX, by \$5,000,000, plus applicable taxes, budgeted from the Tacoma Power Capital Budget, for power transformers. This increase will bring the contract to a cumulative total of \$10,000,000, plus applicable taxes. Tacoma Power further requests approval for a three-year extension of contract term. This extension will bring the contract to a cumulative term of eight years.

BACKGROUND: Procurement of substation transformers is critical for the continued replacement of assets that are nearing the end of service life, and for the installation of new substations. The three-year extension of contract duration and \$5,000,000 increase in contract value with Iljin Electric USA, Inc. is the most cost-effective means of providing a supply chain for substation transformers.

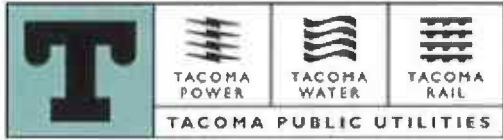
ISSUE: Tacoma Power anticipates replacing four transformers during the extended contract term. Current lead times for transformers are approximately 30 months from time of order.

ALTERNATIVES: As an alternative to a contract extension and increase, Tacoma Power could seek a new contract through a competitive solicitation process. A recent Request for Bids, that was ultimately rejected, demonstrated that costs and lead times from other potential transformer suppliers were less beneficial to the City.

CONTRACT HISTORY: This contract was originally awarded to Iljin Electric USA, Inc. as a result of Request for Bids Specification No. PT18-0329F in March 2019. Tacoma Public Utility Board approval was February 27, 2019, U-11059. A one-year extension was executed in March 2022 and a one-year extension was executed in March 2023. A contract increase of \$1,823,000 was executed in April 2023.

SUSTAINABILITY: Sustainability factors were not considered in this contract extension and increase.

EQUITY IN CONTRACTING (EIC) COMPLIANCE: Not applicable - Supply purchase - 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 Capital Budget (4700)	Various	5220100 (Operating Supplies)	\$5,000,000
TOTAL			Up to \$5,000,000

REVENUES:

FUNDING SOURCE	COST OBJECT (CC/WBS/ORDER)	COST ELEMENT	TOTAL AMOUNT
Not Applicable			Not Applicable
TOTAL			Not Applicable

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