



RESOLUTION NO. U-11342

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-11342
ITEM NO.: i
MEETING DATE: SEPTEMBER 28, 2022

TO: Board of Contracts and Awards
FROM: Tenzin Gyaltzen, Power Section Manager, Utility Technology Services
Rick Munson, Power Section Manager Assistant, Utility Technology Services
John Zwosta, Power Engineer, TPU Network and Communications systems
COPY: Public Utility Board, Director of Utilities, Board Clerk, EIC Coordinator, LEAP
Coordinator, Andrea Berry, Utility Technology Services and Tad Carlson,
Finance/Purchasing
SUBJECT: P25 Conventional Radio Project for Cowlitz, Cushman and Nisqually facilities
Request for Proposals (RFP) Specification No. PS17-0256F, Contract No.
CW2251576 – September 28, 2022
DATE: August 26, 2022

RECOMMENDATION SUMMARY: Tacoma Power, Utility Technology Services (UTS) recommends a contract be awarded to Motorola Solutions, Inc. (Motorola), Chicago, IL, in the amount of \$2,412,241, plus applicable taxes, budgeted from the Power Fund 4600, for an initial contract term of two years plus twelve years warranty and maintenance with the option to renew for additional annual maintenance periods, for a projected contract amount of \$4,100,559, plus applicable taxes, for P25 Conventional Radio Project for Cowlitz, Cushman and Nisqually Hydro Projects.

BACKGROUND:

Tacoma Power, UTS will be replacing the obsolete Land Mobile Radios for the Cushman, Cowlitz and Nisqually Hydro facilities. The estimated project duration is two years. Following acceptance of the work, there will be a one year of warranty, seven years of maintenance and twelve years of system support and upgrades. Motorola will install radios, network equipment and antennas on existing towers and communications buildings supplied by TPU.

ISSUE: TPU has disparate radio systems first implemented in the 1980s to support operations throughout its hydro project service areas. The systems' manufacturer considers the current equipment "end-of-life" and no longer provides replacement parts, service or support. TPU needs to replace the existing radio systems to meet operational business requirements including ensuring staff safety through reliable two-way communications.

ALTERNATIVES: Continuing to operate without a vendor-supported radio system introduces significant risk to staff and day-to-day operations. To support ongoing service continuity, TPU requires consistently available communication throughout the remote areas. The current radio system's end-of-life status and lack of vendor support leaves TPU exposed to an extended outage of unknown duration (e.g., hardware failure, software bugs).

COMPETITIVE SOLICITATION:

Request for Proposal, Specification No. PS17-0256F was opened October 2, 2017. Seven companies were invited to bid in addition to normal advertising of the project. Two submittals were received.

Motorola Solutions, Inc. submitted a bid that resulted in the lowest evaluated submittal. The table below reflects the amount of the initial contract term.



<u>Respondent</u>	<u>Location</u> <i>(city and state)</i>	<u>Score</u>
Motorola Solutions, Inc.	Chicago, IL	51
Day Management Corp	Milwaukie, OR	42

Pre-bid Estimate: In 2018 it was \$4,000,000. This did not include the Radio Projects for Cowlitz, Cushman and Nisqually which is now being added to the solution. The recommended award was 134.7 percent above the pre-bid estimate. (The pre-bid estimate covered system hardware and installation costs. It did not include operations and maintenance [O&M] expenses for the expected life of the system which added to the cost.)

CONTRACT HISTORY: This contract was originally awarded to Motorola for Tacoma Power as a result of the above RFP in 2018. Tacoma Rail was added in 2020 to the solution in the amount of \$366,392 for 15 years under a separate new contract form. In 2021, the solution included Tacoma Water under a separate new contract form for 14 years in the amount of \$1,226,508. The solution is now expanded to the remote facilities for 15 years under a separate new contract form.

SUSTAINABILITY: Not Applicable

EQUITY IN CONTRACTING (EIC) COMPLIANCE: Not Applicable

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 Fund 4600	PWR-01113-20		\$2,412,241
TOTAL			Up to \$2,412,241

REVENUES:

FUNDING SOURCE	COST OBJECT (CC/WBS/ORDER)	COST ELEMENT	TOTAL AMOUNT
TOTAL			Up to \$0



FISCAL IMPACT TO CURRENT BIENNIAL BUDGET: \$ 2,412,241

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-11342
ITEM NO.: 2
MEETING DATE: SEPTEMBER 28, 2022

TO: Board of Contracts and Awards
FROM: Chris Robinson, Power Superintendent
Chris Mattson, Generation Manager
Ozan Ferrin, Generation Engineering Manager
David Wagner, Project Manager, Power/Generation
COPY: Public Utility Board, Director of Utilities, Board Clerk, EIC Coordinator, LEAP
Coordinator, and Tina Eide, Finance/Purchasing
SUBJECT: Professional Services Contract
Architectural and Engineering (A&E) Roster, Contract No. 4600013789 –
September 28, 2022
DATE: August 19, 2022

RECOMMENDATION SUMMARY: Tacoma Power requests approval to increase Contract No. 4600013789, to Stantec Consulting Services Inc. (Stantec), Bellevue, WA, by \$334,000, plus applicable taxes, for additional Phase II, and Phase III and IV Owner's Engineer services for the Alder Unit 11 Rebuild Design-Build Project. This increase will bring the contract to a cumulative total of \$1,506,540, plus applicable taxes.

BACKGROUND:

Tacoma Power contracted the Alder Unit 11 Rebuild Project as Design-Build per RCW 39.10 Alternative Public Works Contracting Procedures. The State's Capital Projects Advisory Review Board's appointed Project Review Committee granted the City approval to use Design-Build contracting for the Project on May 23, 2019, based in part on the experience and expertise of the City's team of in-house staff and consultants. Stantec is a vital member of the City's team.

ISSUE: The purpose of the Alder Unit 11 Rebuild Project is to extend the service life of the machine for an additional 30 years. The last major work on Unit 11 took place in 1989 and the Unit was last rewound in 1973. Tacoma Power needs the experience and expertise of a firm well-versed in hydro turbine-generator rehabilitation to provide Owner's Engineer services during procurement, design, manufacturing, construction and commissioning of this highly technical and complex project. Tacoma Power continues to rely on Stantec's subject matter expertise to review design submittals and perform quality inspection services.

The recommended increase is necessary to retain support from Stantec to cover onsite services during construction and project closeout (Phase III and IV). With this approach, Tacoma Power will continue to benefit from Stantec's subject matter expertise and history with the project.

ALTERNATIVES: The City of Tacoma could rely solely on Tacoma Power engineering staff for the remainder of the Alder Unit 11 Rebuild Project. This alternative poses additional risks to quality and schedule since Tacoma Power engineering staff have limited to no experience with unit rebuilds. Additionally, other projects would need to be deferred to free up staff to perform the work.

COMPETITIVE ANALYSIS: The City's Architectural and Engineering (A&E) roster was used to select the recommended firm, Stantec, based on their qualifications, experience and expertise



with hydro turbine-generator rehabilitation work and Design-Build contracting, and the Department's familiarity with the firm. Stantec's performance to date has been good.

CONTRACT HISTORY: This contract was originally awarded to Stantec as a result of selection from the City's A&E roster and direct negotiations with the firm in March 2019 for Phase I services. The original contract for Phase I services was for a not to exceed amount of \$160,540. The contract was increased by \$398,000 October 2020 to cover added scope to Phase I services and for the anticipated Phase II services. The contract was increased by \$614,000 May 2021 to cover added scope to Phase II services. The requested contract increase will cover remaining services to complete the project.

SUSTAINABILITY: The goal of the Alder Unit 11 Rebuild Project to extend service life of the unit 30 years supports the City's commitment to combat climate change through the generation of green, renewable power.

EQUITY IN CONTRACTING (EIC) COMPLIANCE: Not Applicable

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	PWR-00894	6311221	\$1,506,540
TOTAL			Up to \$1,506,540

REVENUES:

FUNDING SOURCE	COST OBJECT (CC/WBS/ORDER)	COST ELEMENT	TOTAL AMOUNT
-	-	-	-
-	-	-	-
-	-	-	-
TOTAL			\$0

FISCAL IMPACT TO CURRENT BIENNIAL BUDGET: \$1,506,540

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-11342
 ITEM NO.: 3
 MEETING DATE: SEPTEMBER 28, 2022

TO: Board of Contracts and Awards
FROM: Dale W. King, Rail Superintendent, Tacoma Rail
 Kyle Kellem, Roadmaster, Tacoma Rail
COPY: Public Utility Board, Director of Utilities, Board Clerk, EIC Coordinator, LEAP
 Coordinator, and Tisha Rico Finance/Purchasing
SUBJECT: Yard Tracks Upgrades 7, & 14-17
 Request for Bid Specification No. TR22-0184F – September 28, 2022
DATE: August 12, 2022

RECOMMENDATION SUMMARY: Tacoma Rail recommends a contract be awarded to Coast Rail, Inc., Burley, WA, in the amount of \$1,029,991, plus applicable taxes, budgeted from the Tacoma Rail Fund 4500, for approximately 2,400 lineal feet of railroad track, to include three turnouts and other associated track renewals.

STRATEGIC POLICY PRIORITY:

- Strengthen and support a safe city with healthy residents.

BACKGROUND:

Tacoma Rail was awarded a WSDOT Zero Interest Loan for railroad track improvements on Tacoma Rail Yard Tracks 7 & 14-17 in the Tideland area, with Tacoma Public Utilities Board acceptance approval September 8, 2021, Resolution U-11280, and subsequent City Council approval September 21, 2021, Resolution 40841.

ISSUE: Periodic replacement of frequently used segments of railroad track are required to enhance safety and mitigate potential service interruptions resulting from deteriorated track conditions. This project will include the removal of heavily worn 112-pound rail and replacement with new 115-pound rail, select crosstie replacement and three new track turnouts.

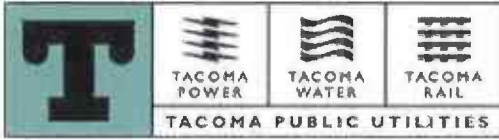
ALTERNATIVES: There are no practical alternatives. This project is consistent with ongoing incremental infrastructure improvements intended to reduce track maintenance outages necessary to prolong usability lifecycles. The planned project will greatly improve the track structure, safety, and reduce the frequency of future track outages.

COMPETITIVE SOLICITATION:

Request for Bid Specification No. TR22-0184F was opened August 2, 2022. Three companies were invited to bid in addition to normal advertising of the project. Two submittals were received.

Coast Rail, 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> <i>(city and state)</i>	<u>Submittal Amount</u>
Coast Rail, Inc.	Burley, WA	\$1,029,991
RailWorks Track Systems, Inc.	Chehalis, WA	\$1,259,675



Pre-bid Estimate: \$1,084,950
 The recommended award is 5.1 percent below the pre-bid estimate.

CONTRACT HISTORY: New contract.

SUSTAINABILITY: Replacing old worn rail with new head-hardened rail to extend the useful life span and decrease the need for more frequent replacements.

EQUITY IN CONTRACTING (EIC) COMPLIANCE: Not applicable.

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

FISCAL IMPACT:

EXPENDITURES:

FUND NUMBER & FUND NAME *	COST OBJECT (CC/WBS/ORDER)	COST ELEMENT	TOTAL AMOUNT
4500 Tacoma Rail	RAL-00122	5320100	1,029,991
TOTAL			\$1,029,991

REVENUES:

FUNDING SOURCE	COST OBJECT (CC/WBS/ORDER)	COST ELEMENT	TOTAL AMOUNT
4500 Tacoma Rail	RAL-00122	5320100	\$579,991
WSDOT Loan Agreement RRB1276	RAL-00122	5320100	\$450,000
TOTAL			\$1,029,991

FISCAL IMPACT TO CURRENT BIENNIAL BUDGET: \$ 1,029,991

ARE THE EXPENDITURES AND REVENUES PLANNED AND BUDGETED? Yes

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