



RESOLUTION NO. U-11288

1 A RESOLUTION related to Tacoma Power; authorizing participation in the City
2 of Tacoma, Department of Public Works, Fawcett and Brewery District
3 Projects.

4 WHEREAS the City of Tacoma, Tacoma Public Utilities, Light Division
5 ("Tacoma Power") is requesting authorization to participate in the City of
6 Tacoma, Department of Public Works ("Public Works") Fawcett and Brewery
7 District Projects ("Projects"), and

8 WHEREAS, as part of the Projects, Tacoma Power proposes to partner
9 with Public Works to install approximately 2,000 feet of duct bank consisting of
10 (1) 4-inch and (6) 6-inch ducts, along Fawcett Avenue between South 21st
11 Street and South 17th Street, and

12 WHEREAS this new section of power duct bank will eventually run from
13 Nisqually Substation to feed the downtown system network once installed, and

14 WHEREAS the duct bank running down Fawcett will serve two purposes,
15 as an alternative feed from Nisqually Substation to downtown as the current
16 duct line is 85 years old and in need of replacement, the second is that the load
17 growth capability within the downtown is being met, and

18 WHEREAS the overall Projects will minimize long-term road
19 maintenance by improving roadway surface with concrete panels and asphaltic
20 sections, add new signals and median refuge island to support bicycle and
21 pedestrian movement, upgrade underground utilities, install traffic calming
22 measures, and construct new illumination and sidewalks/ADA improvements,
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WHEREAS the total project cost is \$1,578,158.32, plus a ten percent contingency, for a cumulative total of \$1,735,974.15, plus applicable taxes, and

WHEREAS Tacoma Power believes it is in the best interest of the utility and its customers to include the water main work in the Projects, to improve project delivery, reduce project costs, improve system availability, and consolidate construction disturbance to businesses, and

WHEREAS Tacoma Power requests authority to participate in the Public Works contract for the Projects for the above purpose and reasons; Now, Therefore,

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

That Tacoma Power is authorized to participate in the Public Works contract for the Fawcett and Brewery District Projects, to install approximately 2,000 feet of duct bank, along Fawcett Avenue between South 21st Street and South 17th Street, with a total project cost of \$1,578,158.32, plus a ten percent contingency, for a cumulative total of \$1,735,974.15, plus applicable taxes, and as further described in the materials on file with the Clerk of the Board, and the proper officers of the City are authorized to execute an agreement in a form as approved by the City Attorney.

Approved as to form:

_____ /s/ Chief Deputy City Attorney	_____ Chair
_____ Clerk	_____ Secretary
	Adopted _____



Board Action Memorandum

TO: Jackie Flowers, Director of Utilities
COPY: Charleen Jacobs, Director and Board Offices
FROM: Chad Edinger, Transmission & Distribution Electrical Services Manager
MEETING DATE: Oct 27, 2021
DATE: Oct 12, 2021

STRATEGIC DIRECTIVE ALIGNMENT (select as many that apply):

Please indicate which of the Public Utility Board's Strategic Directives is supported by this action.

- | | |
|--|---|
| <input type="checkbox"/> SD1 – Equity & Inclusion | <input type="checkbox"/> SD8 – Telecom |
| <input type="checkbox"/> SD2 – Financial Sustainability | <input type="checkbox"/> SD9 – Economic Development |
| <input type="checkbox"/> SD3 – Rates | <input type="checkbox"/> SD10 – Government Relations |
| <input type="checkbox"/> SD4 – Stakeholder Engagement | <input type="checkbox"/> SD11 – Decarbonization/Electric Vehicles |
| <input type="checkbox"/> SD5 – Environmental Leadership | <input type="checkbox"/> SD12 – Employee Relations |
| <input type="checkbox"/> SD6 – Innovation | <input type="checkbox"/> SD13 – Customer Service |
| <input checked="" type="checkbox"/> SD7 – Reliability & Resiliency | <input type="checkbox"/> SD14 – Resource Planning |

SUMMARY: Authorize Tacoma Power to participate in the City of Tacoma, Department of Public Works, Fawcett and Brewery District Projects. Tacoma Power proposes to install approximately 2,000 feet of duct bank consisting of (1) 4" and (6) 6" ducts along Fawcett Avenue between South 21st Street and South 17th Street. Total project cost is \$1,578,158.32 plus a 10 percent contingency, for a cumulative total of \$1,735,974.15

Tacoma Power believes it is in the best interest of the utility and its customers to include power duct bank in these Public Works projects. This project partnership will improve project delivery, reduce project costs, improve system resiliency and consolidate construction disturbance to businesses.

BACKGROUND: Tacoma Power is partnering with the Public Works Department to reconstruct the existing roadway and install approximately 2,000 feet of power duct bank along Fawcett Avenue, between South 21st Street and South 17th Street. This new section is a portion of a new duct bank that will eventually run from Nisqually Substation to feed the downtown system network once finished.

The duct bank running down Fawcett will serve two important purposes. The first is to serve as an alternative feed from Nisqually Substation to downtown. The currently operational duct line is approximately 85 years old and approaching end of life. An alternative path will be necessary when this duct line is replaced. Additionally this duct line will help ensure load growth within the downtown will be met.

The overall project, being led by Tacoma Public Works, will minimize long-term road maintenance by improving roadway surface with concrete panels and asphaltic sections, add new signals and median refuge island to support bicycle and pedestrian movement, upgrade underground utilities, install traffic calming measures, and construct new illumination and sidewalks/ADA improvements. Project partner contributions are summarized in the attached



Board Action Memorandum

ARE THE EXPENDITURES AND REVENUES PLANNED AND BUDGETED? Yes

IF THE ACTION REQUESTED IS APPROVAL OF A CONTRACT, INCLUDE LANGUAGE IN RESOLUTION AUTHORIZING \$200,000 INCREASE IN ADMINISTRATIVE AUTHORITY TO DIRECTOR? Yes

ATTACHMENTS: City Manager Action Memorandum Fawcett
City Manager Action Memorandum Brewery
Agreement for South 21st and Fawcett Avenue Street PWK-G0026
Agreement for Revitalizing Tacoma's Brewery District Project (PW30-0015F)

CONTACT:

Chad Edinger, Electrical Services Manager, 253-502-8146
Rich Barrutia, Central Business District Supervisor, 253-502-8541



TO: Elizabeth Pauli, City Manager
FROM: Kurtis D. Kingsolver, P.E., Public Works Director/City Engineer
Nick Correll, Project Manager, Public Works Engineering
COPY: City Manager, City Council, City Clerk, EIC Coordinator, LEAP Coordinator, and
Tina Eide, Senior Buyer, Finance/Purchasing
SUBJECT: Revitalizing Tacoma's Brewery District
Request for Bids Specification No. PW20-0015F
DATE: [9/2/2021]

Pursuant to the City of Tacoma March 12, 2020, state of emergency proclamation in response to COVID-19, made in accordance with Tacoma Municipal Code Chapter 1.10., contract awards for purchases must be approved by the City Manager or delegee.

RECOMMENDATION SUMMARY:

The Public Works Department recommends a contract be awarded to Active Construction, Inc., in the amount of \$6,605,605.00, plus a 15% contingency, for a cumulative total of \$7,596,445.75, plus any applicable taxes, budgeted from various departmental funds, for the installation of bicycle signal detection along the Fawcett Ave "Bicycle Boulevard" and missing link bicycle lanes in the City's bicycle network, the restoration of approximately 0.95 miles of roadway, the construction of ADA curb ramps, pedestrian refuge islands, mid-block crossings, and the installation of other supporting signal equipment and bicycle amenities.

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.
- Encourage and promote an efficient and effective government, which is fiscally sustainable and guided by engaged residents.

By repaving the roadway surface, upgrading signal infrastructure, and upgrading curb ramps to ADA-compliance, this project ensures that residents have safe, equitable access to businesses and residences along the Fawcett Avenue corridor, by vehicular, bicycle, or pedestrian travel modes. This project ties into the City's existing bicycle network and has support from local business groups.

BACKGROUND:

Fawcett Avenue is a designated bicycle boulevard in the City's bicycle network, and serves to connect residences, businesses, and other services along the corridor, in addition to being a missing link to the existing bicycle network in the area.

ISSUE: Currently there are gaps and unimproved areas in the City's bicycle network, of which Fawcett Ave and South 15th Street are major components. The roadway surface is in poor condition due to its age and frequent patching from previous utility work, frontage improvements, and other intermediary projects. Non-ADA-compliant curb ramps exist at the



majority of the intersections along Fawcett Avenue, and the signals do not currently feature proper timing, bicycle detection, or ADA-compliant push-button systems, all of which are important safety features for a bicycle boulevard.

ALTERNATIVES: The alternative to this project is to not add the missing link bicycle lanes on South 15th Street, to not add the bicycle amenities on the Fawcett Avenue Bicycle Boulevard, to continue patching the roadway surface instead of restoring it, and to leave the curb ramps non-compliant with ADA standards, none of which supports safe and equitable pedestrian, bicycle, and vehicle travel for Tacoma residents.

COMPETITIVE SOLICITATION:

Request for Bids Specification No. PW20-0015F was opened August 10, 2021. No companies were invited to bid in addition to normal advertising of the project. Three submittals were received. Active Construction, Inc. submitted a bid that resulted in the lowest evaluated submittal after consideration of Disadvantaged Business Enterprise (DBE) participation goals.

The table below reflects the amount of the base award.

<u>Respondent</u>	<u>Location</u>	<u>Submittal Amount</u>
Active Construction, Inc	Tacoma, WA	\$6,605,605.00
Tucci & Sons, Inc	Tacoma, WA	\$6,898,141.50
Pacific Civil & Infrastructure, Inc	Sumner, WA	\$7,270,519.10

Pre-bid Estimate: \$5,605,535.00

The recommended award is 17.8 percent above the pre-bid estimate.

Based on the estimated working days, staff believes this project will result in 4,138 labor hours.

CONTRACT HISTORY: New contract.

SUSTAINABILITY: This project will improve the City’s infrastructure and safety of residents by providing a new driving surface for non-motorized and motorized travel, as well as by installing bicycle detection at intersections. ADA-compliant curb ramps will be installed as part of the contract, along with ADA-compliant push-button systems, addressing social equity factors including ergonomic and human health impacts.

EIC/LEAP COMPLIANCE: Not applicable.

DISADVANTAGED BUSINESS ENTERPRISE (DBE): The recommended contract is in compliance with 49 Code of Federal Regulations Part 26, per memorandum dated August 31, 2021. The DBE goal for this project is 19 percent, and the DBE participation is 19.76 percent. The designated training hours for this project are 800 hours.



FISCAL IMPACT:

EXPENDITURES:

FUND NUMBER & FUND NAME *	COST OBJECT (CC/WBS/ORDER)	COST ELEMENT	TOTAL AMOUNT
1060-CAPTL (PW Street Capital Projects)	PWK-G0032-05-01	5330100	\$4,410,945.03
4600 Tacoma Water Capital Reserve Fund	WTR-00604-01-07-03	5330100	\$2,094,645.82
ES Surface Water Utility Fund 4301	ENV-03031-22-04	5330100	\$297,335.64
ES Wastewater Utility Fund 4300	ENV-04023-14-04	5330100	\$159,188.07
Tacoma Power CBD A&R Fund 4700	PWR-01088-03-02	5330100	\$634,331.19
TOTAL			Up to \$7,596,445.75

REVENUES:

FUNDING SOURCE	COST OBJECT (CC/WBS/ORDER)	COST ELEMENT	TOTAL AMOUNT
WSDOT HSIP Grant	PWK-G0026-FS-04	4332270	\$230,000.00
PSRC TAP Grant			\$1,834,043.00
Streets Initiative Revenues	PWK-G0026-FS-02	6311108	\$2,346,902.03
Tacoma Power CBD A&R Fund 4700		6311200	\$634,331.19
4600 Tacoma Water Capital Reserve Fund	587501	6311170	\$2,094,645.82
ES Surface Water Utility Fund 4301		Rate Revenues	\$297,335.64
ES Wastewater Utility Fund 4300		Rate Revenues	\$159,188.07
TOTAL			\$7,596,445.75



FISCAL IMPACT TO CURRENT BIENNIAL BUDGET: \$7,596,445.75

ARE THE EXPENDITURES AND REVENUES PLANNED AND BUDGETED? Yes

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

APPROVED

City Manager (or delegee)



TO: Elizabeth A. Pauli, City Manager
FROM: Kurtis D. Kingsolver, P.E., Public Works Director/City Engineer
Michael P. Slevin III, P.E., Environmental Services Director
Darius Thompson, Engineering Project Manager, Public Works Engineering
COPY: City Manager, City Council, City Clerk, EIC Coordinator, LEAP Coordinator, and
Doreen Klaaskate, Finance/Purchasing
SUBJECT: South 21st and Fawcett Improvements
Request for Bids Specification No. PW21-0441F
DATE: July 14, 2021

Pursuant to the City of Tacoma March 12, 2020, state of emergency proclamation in response to COVID-19, made in accordance with Tacoma Municipal Code Chapter 1.10., contract awards for purchases must be approved by the City Manager or designee.

RECOMMENDATION SUMMARY:

The Public Works Department recommends a contract be awarded to Tucci & Sons Inc, Tacoma, WA, in the amount of \$5,990,836.50, plus a 15 percent contingency for a cumulative total of \$6,889,416.90, plus applicable taxes, budgeted from various departmental funds, for the improvements to Fawcett Avenue and South 21st Street, including utility improvements and the installation of a new HAWK signal.

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.

The proposed project will provide pedestrian and bicycle safety improvements

BACKGROUND:

The City's Transportation Master Plan (Transportation Element of the Comprehensive Plan) identifies Fawcett Avenue as a Bicycle Boulevard serving as a critical link in a 13-mile north-south bicycle corridor connecting the City to the downtown and important cross-connections. In 2017, the City was awarded a Pedestrian & Bicycle Safety grant to improve Fawcett Avenue between South 21st Street and South 19th Street. This project is adjacent to a 6.4 acre planned mixed-use development. This development will require offsite improvements to both Fawcett Avenue and South 21st Street. To achieve cost efficiencies, limit future rework, and minimize impacts to the traveling public the City worked in conjunction with the granting agency, the mixed-use Developer, the University of WA Tacoma and downtown businesses to combine the grant-funded work on Fawcett Avenue with both the Developer's required offsite improvements and City desired roadway and utility improvements in South 21st Street into a single \$4.6 million project.

ISSUE: The project will provide a new concrete roadway along South 21st Street between Jefferson and Tacoma Avenues, repave Fawcett Avenue between South 21st Street and South 19th Street and the intersections on South 21st Street at both Jefferson and Tacoma Avenues. The project will also construct a new HAWK signal and median refuge island at the South 21st Street and Fawcett Avenue intersection to support bicycle and pedestrian movement along the



City's Bicycle Boulevard, upgrade stormwater, wastewater, water and power utilities, install traffic calming measures along Fawcett Avenue, and construct new illumination and sidewalks/ADA improvements.

ALTERNATIVES: The alternative would be to continue temporary road repairs and return grant funds.

COMPETITIVE SOLICITATION:

Request for Bids Specification No. PW21-0441F was opened June 22, 2021. No companies were invited to bid in addition to normal advertising of the project. Three submittals were received.

Tucci & Sons Inc, submitted a bid that resulted in the lowest evaluated submittal after consideration of Equity in Contracting (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>
Tucci & Sons, Inc	Tacoma, WA	\$5,990,836.50
Titan Earthwork Inc	Puyallup, WA	\$6,240,757.50
Active Construction, Inc	Tacoma, WA	\$6,275,364.00

Pre-bid Estimate: \$5,344,180.00

The recommended award is 12 percent above the pre-bid estimate.

Based on the estimated working days, staff believes this project will result in 14,400 labor hours.

CONTRACT HISTORY: New contract

SUSTAINABILITY: The project will incorporate recycled components in the construction of the roadway; install low energy and low life cycle cost lighting; promote active transportation options; and employ a local, underutilized small business for a portion of the construction.

EIC/LEAP COMPLIANCE: The recommended contractor is in compliance with the EIC Regulation requirements per memorandum dated June 29, 2021. The EIC requirements for this project are Minority Business Enterprise (MBE):6 percent, Women's Business Enterprise (WBE):4 percent, and Small Business Enterprise (SBE):9 percent. The EIC utilization levels of the recommended contractor, Tucci & Sons Inc, are MBE:9 percent, WBE:8 percent, and SBE:9 percent. The Local Employment and Apprenticeship Training Program goal is 1,050 hours.



FISCAL IMPACT:

EXPENDITURES:

FUND NUMBER & FUND NAME	COST OBJECT (CC/WBS/ORDER)	COST ELEMENT	TOTAL AMOUNT
1060-CAPTL (PW Street Capital Projects)	PWK-G0026-05-01	5330100	\$2,771,347.61
Tacoma Power CBD A&R Fund 4700	PWR-01013-03-04	5330100	\$935,690.68
4600 13-WC 2013 Bond Fund	WTR-00604-01-02-03	5330100	\$1,048,974.90
ES Surface Water Utility Fund 4301	ENV-03031-09-04	5330100	\$1,079,835.83
ES Wastewater Utility Fund 4300	ENV-04023-08-04	5330100	\$1,053,612.96
TOTAL			Up to \$6,889,416.98

REVENUES:

FUNDING SOURCE	COST OBJECT (CC/WBS/ORDER)	COST ELEMENT	TOTAL AMOUNT
WSDOT - State Grant	PWK-G0026-FS-04	4332270	\$882,525.80
Streets Initiative Revenues	PWK-G0026-FS-02	6311108	\$1,281,213.03
Private Developer	PWK-G0026-FS-06	4345811	\$538,887.54
General Fund 1065	PWK-G0026-FS-02	6311000	\$68,673.24
Tacoma Power CBD A&R Fund 4700	PWR-01013-FS-LT	6311200	\$935,690.68
4600 13-WC 2013 Bond Fund	586313	6311163	\$1,048,974.90
ES Surface Water Utility Fund 4301	521900	Rate Revenues	\$1,079,835.83
ES Wastewater Utility Fund 4300	523900	Rate Revenues	\$1,053,612.96
TOTAL			\$6,889,416.98



City of Tacoma

FISCAL IMPACT TO CURRENT BIENNIAL BUDGET: \$6,889,416.90

ARE THE EXPENDITURES AND REVENUES PLANNED AND BUDGETED? Yes

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

APPROVED

Elizabeth A. Pauli, City Manager (or designee)



TO: Chris Larson, P.E., Division Manager, Public Works Engineering Division
Joseph A. Wilson, P.E., Power Section Manager, Tacoma Power,
Transmission & Distribution

FROM: Nick Correll, Project Manager, Public Works Engineering Division
Chad Edinger, P.E., Section Assistant Manager, Tacoma Power, New Electric
Services

SUBJECT: Agreement for Revitalizing Tacoma's Brewery District Project (PW20-0015F)

DATE: September 16, 2021

Tacoma Public Works, Engineering Division (PW) and Tacoma Public Utilities, Power Division, will be coordinating on installing power vaults and conduits as part of the Revitalizing Tacoma's Brewery District project. PW and Power agree to participate in cost sharing for the power vaults and conduit installation.

The following bullets summarize design and construction cost allocations for the project and other commitments.

1. Tacoma Public Utilities, Power Division (Power) agrees to pay the cost of the power vault and conduit installation from Bid Item Group P, further outlined in Appendix A. Shared costs (e.g., mobilization, traffic control) are agreed to be paid based on PW's and Power proportionate share of the total construction cost. Power has provided the WBSE for charging these construction costs estimated at \$634,331.20, including a 15% contingency, excluding applicable sales tax for Power utility Bid Items.
 - PWR-01088-03-02 Contractor Payments

2. Public Works will administer the construction contract and provide construction management (Contract Administration, Construction Inspection, and Construction Survey). Tacoma Public Utilities agrees to pay for the incremental cost of the construction management associated with the installation of their infrastructures as outlined in Item #1 above at a value not to exceed 6% of the estimated Power-related construction costs. If at any time the post-award labor costs are anticipated to exceed 6%, PW shall initiate a conversation with Power so both departments have an opportunity to evaluate the costs and agree on a cost distribution prior to project cost reconciliation. Power has provided the WBSE for charging these post-award labor costs estimated at \$33,095.54.
 - PWR-01088-03-02 Post-Award Labor



3. The above work will be billed to a Power project number created by Tacoma Public Utilities and provided for Public Works use.

We look forward to continuing our spirit of coordination and cooperation to accomplish this and future projects of mutual benefit to the citizens of Tacoma, Power, and Public Works. By signature, please indicate your approval to proceed with this joint project.

Joseph Wilson

Joseph A. Wilson,
Power Section Manager
Tacoma Power,
Transmission & Distribution

Chris Larson

Chris Larson, P.E.
Division Manager, Engineering
Public Works

09/27/2021

Date

09/27/2021

Date

Cc: Sola Wingenbach, Public Works, Director's Office
Sue O'Neill, Public Works, Engineering Division
Nick Correll, Public Works, Engineering Division
Tina Dunn, Public Works, Engineering Division
Greg Horodyski, Tacoma Power, New Electric Services/ CBD Engineering
Rich Barrutia, Tacoma Power, New Electric Services/ CBD Engineering

A	Bid Group P - SubTotal		\$384,137.50	
B	Tax (10.3%)	\$	39,566.16	
C	Bid Group P - Total	\$	423,703.66	
D	Shared Lump Sum Bid Items	\$	161,204.84	
E	Shared Force Account Items	\$	6,250.00	
F	Total Shared	\$	167,454.84	
G	Post-Award Labor Costs (6%) <i>(A + F)*6%</i>	\$	33,095.54	(SECTION 2)
H	Cumulative Total (less tax, incl. 15% cont.) <i>(A + F)*1.15</i>	\$	634,331.20	(SECTION 1)

BI #	Spec	Bid Item Description	Unit	Quantity	Unit Cost	T	
L-	1	1-05	Roadway Surveying	Lump Sum	1	\$ 51,180.00	\$
L-	2	1-05	Record Drawings (Minimum Bid \$5,000.00)	Lump Sum	1	\$ 5,000.00	\$
L-	3	1-07	SPCC Plan	Lump Sum	1	\$ 150.00	\$
L-	4	1-09	Mobilization	Lump Sum	1	\$ 464,604.85	\$
L-	5	1-10	Pedestrian Traffic Control	Lump Sum	1	\$ 8,500.00	\$
L-	6	1-10	Project Temporary Traffic Control	Lump Sum	1	\$ 450,000.00	\$
L-	7	2-01*	Clearing and Grubbing	Lump Sum	1	\$ 8,750.00	\$
L-	8	2-01	Certified Arborist	Lump Sum	1	\$ 5,500.00	\$
L-	9	2-02	Removal of Structures and Obstructions	Lump Sum	1	\$ 80,000.00	\$
L-	10	2-06	Subgrade Maintenance and Protection	Lump Sum	1	\$ 250.00	\$
L-	11	2-17	Site Health and Safety Plan	Lump Sum	1	\$ 150.00	\$
L-	12	2-17	Site Health and Safety Officer	Lump Sum	1	\$ 150.00	\$
L-	13	2-17	Soil Management Plan	Lump Sum	1	\$ 150.00	\$
L-	14	8-01	Erosion Control and Water Pollution Prevention	Lump Sum	1	\$ 25,000.00	\$
L-	15	8-01	Stormwater Pollution Prevention Plan (SWPPP)	Lump Sum	1	\$ 150.00	\$
L-	16	8-01	NPDES Construction Stormwater General Permit	Lump Sum	1	\$ 3,350.00	\$
L-	17	8-01	Dewatering Plan and SAD permit	Lump Sum	1	\$ 25,000.00	\$
L-	18	8-02	Roadside Restoration	Lump Sum	1	\$ 5,000.00	\$
L-	19	8-20	Modification of Existing Traffic Signal System at Intersection of Fawcett Ave & S 15th St, Complete	Lump Sum	1	\$ 105,000.00	\$
L-	20	8-20	Modification of Existing Traffic Signal System at Intersection of Fawcett Ave & S 13th St, Complete	Lump Sum	1	\$ 95,000.00	\$
L-	21	8-20	Modification of Existing Traffic Signal System at Intersection of Fawcett Ave & S 11th St, Complete	Lump Sum	1	\$ 96,000.00	\$
L-	22	8-20	Modifications of Existing Traffic Signal System at Intersection of Fawcett Ave & S 9th St, Complete	Lump Sum	1	\$ 167,000.00	\$
L-	23	8-20	Modifications of Existing Flashing Beacon System at Intersection of Fawcett Ave & S 6th Ave, Complete	Lump Sum	1	\$ 15,000.00	\$
L-	24	8-20	HAWK Beacon System at Fawcett Avenue and S 19th Street, Complete	Lump Sum	1	\$ 290,000.00	\$
L-	25	8-21	Permanent Signing	Lump Sum	1	\$ 78,000.00	\$
L-	26	7-08	Temporary Storm Bypass Plan	Lump Sum	1	\$ 250.00	\$
L-	27	7-08	Temporary Storm Sewer Bypass	Lump Sum	1	\$ 15,000.00	\$
L-	28	7-08	Temporary Sanitary Bypass Plan	Lump Sum	1	\$ 250.00	\$
L-	29	7-08	Temporary Sanitary Sewer Bypass	Lump Sum	1	\$ 25,000.00	\$
Total							\$2,



TO: Chris Larson, P.E., Division Manager, Public Works Engineering Division
Joseph A. Wilson, P.E., Power Section Manager, Tacoma Power,
Transmission & Distribution

FROM: Darius Thompson, Project Manager, Public Works Engineering Division
Chad Edinger, P.E., Section Assistant Manager, Tacoma Power, New Electric
Services

SUBJECT: Agreement for South 21st and Fawcett Avenue Street PWK-G0026

DATE: August 15, 2021

Tacoma Public Works, Engineering Division (PW) and Tacoma Public Utilities, Power Division, will be coordinating on installing power vaults and conduits in the portion of South 21st to 19th on Fawcett Avenue of the subject project. . Public Works and Tacoma Power agree to participate in cost sharing for the power vaults and conduit installation.

The following bullets summarize design and construction cost allocations for the project and other commitments.

1. Tacoma Power agrees to pay the cost of the power vault and conduit installation further outlined in Appendix A. Shared costs (e.g., mobilization, traffic control) are agreed to be paid based on PW's and Power proportionate share of the total construction cost. Tacoma Power has provided the WBSE for charging these construction costs estimated at \$813,644.07.
 - o Power WBS-PWR-01088-03-02 Contractor Payments
2. Public Works will lead and coordinate the design efforts, develop contract plans and specifications, advertise, and award the contract for construction. Tacoma Power agrees to pay for the pre-award (Engineering, Drafting, and Survey) associated with the design of their infrastructures as outlined in Item #1 above at a value not to exceed 10% of the estimated Power-related construction costs. If at any time the pre-award labor costs are anticipated to exceed 5%, PW shall initiate a conversation with Tacoma Power so both departments have an opportunity to evaluate the costs and agree on a cost distribution prior to project cost reconciliation. Tacoma Power has provided the WBSE for charging these post-award labor costs estimated at \$81,364.41
 - o Power WBS- PWR-01088-03-02 Pre-Award Labor



- 3. Public Works will administer the construction contract and provide construction management (Contract Administration, Construction Inspection, and Construction Survey Tacoma Power agrees to pay for the incremental cost of the construction management associated with the installation of their infrastructures as outlined in Item #1 above at a value not to exceed 6% of the estimated Power-related construction costs. If at any time the post-award labor costs are anticipated to exceed 6%, PW shall initiate a conversation with Tacoma Power so both departments have an opportunity to evaluate the costs and agree on a cost distribution prior to project cost reconciliation. Tacoma Power has provided the WBSE for charging these post-award labor costs estimated at \$48,818.64.
 - o Power WBS- PWR-01088-03-02 Post-Award Labor
- 4. The above work will be billed to a Power project number created by Tacoma Power and provided for Public Works use.

We look forward to continuing our spirit of coordination and cooperation to accomplish this and future projects of mutual benefit to the citizens of Tacoma, Tacoma Power, and Public Works. By signature, please indicate your approval to proceed with this joint project.

Joseph Wilson

 Joseph A. Wilson,
 Power Section Manager
 Tacoma Power,
 Transmission & Distribution

Chris Larson

 Chris Larson, P.E.
 Division Manager, Engineering
 Public Works

09/15/2021

 Date

09/15/2021

 Date

Cc: Sue O'Neill, Public Works, Engineering Division
 Darius Thompson, Public Works, Engineering Division
 Tina Dunn, Public Works, Engineering Division
 Rich Barrutia, Tacoma Power, New Electric Services/ CBD Engineering
 Greg Horodyski, Tacoma Power, New Electric Services/ CBD Engineering