



RESOLUTION NO. U-11457

1 A RESOLUTION relating to the Department of Public Utilities, Light Division
2 (d/b/a "Tacoma Power"); declaring certain utility equipment surplus to the
3 needs of Tacoma Power; conducting a public hearing on the proposed
4 sale of the surplus utility equipment; and authorizing Tacoma Power to
5 sell the surplus utility equipment to the highest responsive bidder(s) at
6 one or more bid sale(s) or to otherwise dispose of such equipment in any
7 lawful manner in the event such items do not sell.

8 WHEREAS Tacoma Power originally acquired for public utility purposes
9 one (1) 25 MVA Distribution Transformer, as more specifically stated in the
10 Declaration of Surplus Property, which is in the background materials on file
11 with the Clerk of the Board, and

12 WHEREAS Tacoma Power has determined that the equipment listed in
13 the Declaration of Surplus Property is no longer necessary for providing
14 continued public utility service due to age, reliability and damage, and is
15 deemed surplus to Tacoma Power's needs pursuant to the applicable
16 provisions in RCW 35.94.040 and TMC 1.06.272-278, and

17 WHEREAS the equipment has an estimated resale value of \$40,000,
18 and

19 WHEREAS a public hearing was conducted on May 8, 2024, as required
20 by RCW 35.94.040, and

21 WHEREAS Tacoma Power requests that the Utility Board, pursuant to
22 the applicable requirements of RCW 35.94.040 and TMC 1.06.272-278, declare
23 the one (1) 25 MVA Distribution Transformers surplus to Tacoma Power's
24 needs, and authorize Tacoma Power to sell the transformers at a bid sale(s) to
25 the highest responsive bidder(s); Now, Therefore,
26



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

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Sec. 1. The equipment identified in the Declaration of Surplus Property is no longer necessary for providing continued public utility service and is hereby declared surplus to Tacoma Power's needs.

Sec. 2. Tacoma Power is hereby authorized to sell the one (1) 25 MVA Distribution Transformers at one or more bid sale(s) to the highest responsive bidder(s), and should such equipment not be sold at such sale(s), Tacoma Power is authorized to otherwise dispose of such equipment in any other lawful manner that is determined to be in the best interests of Tacoma Power.

Sec. 3. If a bid is higher than \$500,000, then the highest bid over \$500,000 will be brought by Tacoma Power to the Board for formal approval of the sale.

Approved as to form:

Chair

/s/
Chief Deputy City Attorney

Secretary

Clerk

Adopted _____



Board Action Memorandum

TO: Jackie Flowers, Director of Utilities
COPY: Charleen Jacobs, Director and Board Offices
FROM: Chris Robinson, Power Superintendent
MEETING DATE: May 8, 2024
DATE: April 11, 2024

GUIDING PRINCIPLE ALIGNMENT (select as many that apply):

Please indicate which of the Public Utility Board's Guiding Principle(s) is supported by this action.

- | | |
|------------------------------------------------------------------------|--------------------------------------------------------------|
| <input type="checkbox"/> GP1 – Diversity, Equity, Inclusion, Belonging | <input type="checkbox"/> GP8 – Telecom |
| <input type="checkbox"/> GP2 – Financial Sustainability | <input type="checkbox"/> GP9 – Economic Development |
| <input type="checkbox"/> GP3 – Rates | <input type="checkbox"/> GP10 – Government Relations |
| <input type="checkbox"/> GP4 – Stakeholder Engagement | <input type="checkbox"/> GP12 – Employee Relations |
| <input type="checkbox"/> GP5 – Environmental Sustainability | <input type="checkbox"/> GP13 – Customer Service |
| <input type="checkbox"/> GP6 – Innovation | <input checked="" type="checkbox"/> GP14 – Resource Planning |
| <input type="checkbox"/> GP7 – Reliability & Resiliency | |

SUMMARY: Tacoma Power recommends the equipment listed on the attached inventory be declared surplus to Tacoma Power needs. We further recommend a public hearing be held in front of the Public Utility Board to take testimony from any interested individuals on the sale of said surplus equipment in accordance with RCW 35.94.040. In addition, we recommend the Department of Public Utilities be authorized to solicit bids for the equipment and award the sale of the equipment based on the highest responsive bid received, so long as the total bid amount is less than \$200,000. Sale amounts higher than \$200,000 will be presented to the Public Utility Board for approval.

BACKGROUND: The Graham substation transformer listed on the attached surplus equipment description are considered surplus to Tacoma Power's needs due to condition and are no longer required for providing continued public utility service.

ARE THE EXPENDITURES AND REVENUES PLANNED AND BUDGETED? Yes

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

IF THE ACTION REQUESTED IS APPROVAL OF A CONTRACT, INCLUDE LANGUAGE IN RESOLUTION AUTHORIZING \$200,000 INCREASE IN ADMINISTRATIVE AUTHORITY TO DIRECTOR? No

ATTACHMENTS: TPU Surplus Declaration Graham
Surplus Equipment Attachment Graham

CONTACT:

Primary Contact: Sean Veley - Power Field Operations Supervisor, Senior. 253-502-8713.
Supervisor's Name: Christine Lewis
Presenter (if different from primary contact):
Additional staff requiring a Zoom presentation link:



City of Tacoma
Declaration of Surplus Property (DSP)

To: Purchasing Division
From: T&D, C&M Wire Shop
Contact Name: Sean Veley
Date:
Phone: 502-8713

- Declaration of Surplus Personal Property
- Declaration of Surplus Real Property
- Declaration of Unusable Personal Property¹

¹ Items that are broken, unusable, have no commercial, salvage, or donation value, and have no special disposal requirements (e.g., hazardous metals), may be disposed by the owning department. Do not submit DSP Form to Purchasing for these items.

Description of Surplus Property

Describe Item or Attach List: 25 MVA Distribution Transformers Fixed Asset # See Attached List
 Address/Location of Items: 8820 224TH ST E Accounting (for costs/proceeds):
 Estimated Commercial or Resale Value: \$40,000 Cost Center: 561100
 Minimum Acceptable Bid: \$ N/A General Ledger Acct: 6421400

I hereby certify the asset(s) listed have no further public use or the sale thereof is in the best interests of the City and declare these items as surplus according to sections 1.06.272 through 1.06.278 of the Tacoma Municipal Code. Items may be sold, transferred, donated or otherwise disposed of in accordance with the City's surplus property policies and the Tacoma Municipal Code.

[Signature] 04/11/2024
 Department/Division Head Signature Date

 City Manager or Director of Utilities (if over \$200,000) Date

DISPOSAL REQUEST

(to be completed by department)

- Requested Disposal Method(s):
- Intra City Transfer
Name of Department _____
 - Bid Solicitation (Formal / Informal)
 - Vehicle Auction (attach vehicle surplus form)
Specify Contract _____
 - Online Auction Service
(attach online auction surplus form)
 - Special Advertisement (attach advertisement)
Specify Newspaper _____
 - Supplemental Mailing List (attach)
 - Website Posting
 - Special Disposal Requirements (e.g., environmental, regulatory)
 - Salvage Services
Specify Contract _____
 - Donation
 - 2-Good-2 Toss
 - Other: _____
 - Okay for Disposal: _____

DISPOSAL ACTION

Internal Use Only – Purchasing Division

- Formal Bid No. _____
Resolution/Ordinance No. _____
- Informal Bid No. _____
- Online Auction Website Posting
- Special Advertisement Supplemental Mailings
- Contract Services Intra-City Transfer
- Salvage Services Donation
- Okay for Disposal 2-Good-2 Toss
- Date Advertised/Posted: _____
- Sale Amount: \$ _____
- Sold To: Name _____
Address _____
- Donated To: Name _____
Address _____
- Hold Harmless Release Received
- Recipient is: Public Agency Non-Profit serving _____
 General Public Employee
- Accounting, if different from above: _____

APPROVED:

 Procurement and Payables Manager Date

TACOMA POWER

SUBSTATION SURPLUS EQUIPMENT

Graham Substation Transformers

Item 1: 1980 25 MVA, 115KV to 13.09KV step down HK Porter power transformer weighing approximately 65,000 LBS.

The transformer is available as is, where is. All equipment has been drained of insulating oil by Tacoma Power; however, residual oil will be present and should be anticipated by the bidder. The currently available equipment, all of which are located at Tacoma Power's Graham Substation, are summarized below.

The below contains photos, drawings, and descriptions of equipment. All equipment may be examined prior to the bid deadline on a limited, escorted basis. Contact Sean Veley at (253) 502-8713 or Sean Forslund at (253) 502-8235 to arrange a visit or for any other questions regarding this offering.

On-site demolition will not be allowed, but it is anticipated that the equipment will need to be partially dismantled to allow for safe shipment, such as, but not limited to, the removal of High Voltage Bushings. Dismantling should only consist of that which is necessary to safely transport the equipment. Any further disassembly and demolition, such as for salvage/recycling separation, will take place off-site at bidder's location. Bidder is to provide and assume responsibilities and costs for ALL dismantling, demolition and transportation requirements, such as, but not limited to: tools, equipment, supplies, vehicles, permits and/or fees.

All work must be completed within the allowed time frames. The bidder shall indicate in their bid, their intent and method of equipment dismantle. Bidder must clearly identify the type of work to be performed and include plans and safety measures to perform the work and prevent any loss of oil or other contaminants to the substation soils. Any failure to supply the requested information may result in bid disqualification.

The successful bidder shall abide by all local, state and federal laws and regulations pertaining to the use, transport, handling, reclamation, and disposal of hazardous or toxic substances.

The PCB content of all equipment is known to be less than or equal to one (1) part per million (ppm) and is listed with certifications below. The bidder must indicate on their proposal whether the equipment will be scrapped or if it is intended for salvage.

The surplus equipment is located at the following location:

Graham Substation
8820 224TH ST E
Graham, WA 98338

Drawings showing the transformer dimensions and locations in the substation, and nameplate of the transformer are attached to this document. Please contact Sean Forslund at (253) 502-8235 or Sean Veley at (253) 502-8713 if any additional information is needed.

All equipment must be removed from the substation according to the schedule described below.

Schedule:

The contractor will be allowed no more than **2 working days** to remove all listed equipment from the substation. If the availability of the substation is delayed, 2 full days will still be available for removal.

The successful bidder must ensure they can complete the transformer removal within the August, 2024. An agreed upon start date will be scheduled later. All work in the substations or on Tacoma Power property will be attended by a qualified Tacoma Power electrician as required by state electrical safety regulations. Tacoma Power will supply a qualified electrician between the hours of 7 am to 12 pm and 12:30 pm to 4:30 pm for the duration of the 5-day period, at no charge to the contractor. The contractor may arrange for additional hours at their own expense. The contractor must provide at least 24-hour's notice of any schedule extension beyond the times listed above.

If the contractor fails to complete equipment removal from the station by the end of the allowed time, they will not be allowed into the substation and all remaining electrical equipment will be forfeited in the interest of preparing the site for necessary construction. There will be no refunds for failure to meet this schedule.

Training:

Prior to entering the substations, all workers are required to receive mandatory substation safety training provided by Tacoma Power. This includes transient workers such as truck drivers. The training is provided at no cost during regular work hours and takes 1 hour.

Oil Spill Prevention:

Washington state environmental regulations require the reporting and cleanup of all oil spills, even very small spills. The contractor will not be allowed to spill any oil during removal of the transformer. This includes oil from the transformer and equipment used during the removal process, including hydraulic systems. Oil contaminated materials will not be allowed to be placed on unprotected soils and the contractor must be prepared for all weather conditions. Work practices that are considered unsafe or likely to result in oil contamination will be stopped by the Tacoma Power supervisor until deficiencies are corrected. No additional removal time will be allowed for work stopped due to improper practices. All oil spilled will be remediated to state and Tacoma Power standards at the contractor's cost.

Work Plan:

The contractor must supply a brief work plan with their bid that includes general information about their process for removing the equipment including bushing removal/delivery to the transformer shop, general process for dismantling the equipment, expected schedule (including weekend and overtime work) for Tacoma Power planning needs, and the general process for preventing oil spills.

The bidder with the highest acceptable bid will be notified and must supply a detailed work plan within 10 days. The specific requirements for the work plan will be detailed by Tacoma Power when the notification is made. A detailed work plan may not be necessary depending on the plan submitted with the bid. Failure to supply an acceptable work plan within 10 days may be grounds to reject the bid.

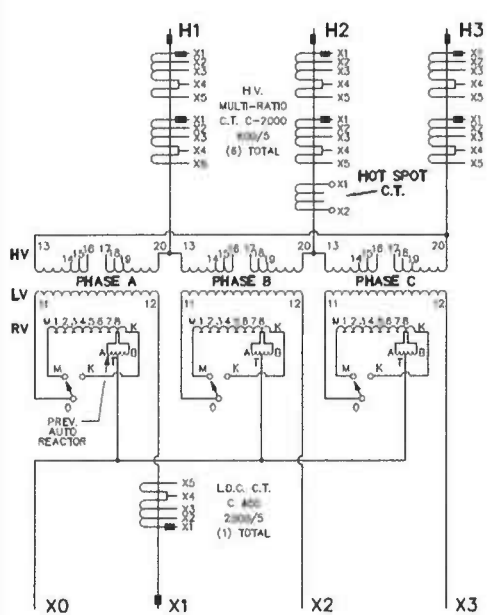
Safety:

The contractor must abide by all safety regulations while working on Tacoma Power property. Special attention includes, but is not limited to, fall protection, confined space entry, and lead exposure for work on the equipment. All high voltage power lines located near the equipment will be de-energized and there should be enough clearance to place a crane to lift the equipment for loading/size reduction purposes. The contractor must maintain proper clearance, as directed by the on-site safety watch, from all energized lines.

Every Tacoma Power employee is acutely aware of safe operating practices and is authorized to stop any work they consider to be unsafe. The contractor will abide by any direction to stop work for safety reasons upon notice by any Tacoma Power employee. The contractor will immediately correct any condition or practice determined to be unsafe. No time extension will be allowed for work stoppage due to unsafe work practices.

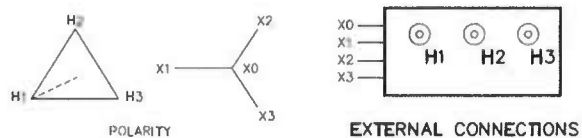
DELTA-STAR LOAD TAP CHANGING TRANSFORMER			
S/N 282040	CLASS OA/FA/FA	THREE PHASE	SIXTY HERTZ
	IMPEDANCE 7.6% AT 75°C		TYPE PT
KVA 15000/20000/25000		55°C RISE	
KVA 16800/22400/28000		65° RISE	
VOLTAGE RATING 115000 DELTA-13090 WYE 7560			

CONNECTION DIAGRAM



CONNECTION							
WINDING	VOLTAGE	MAXIMUM * LINE AMPS	NO LOAD TAP CHANGER		LOAD TAP CHANGER		
			POS.	CONNECTS	POS.	CONNECTS	
					OTO	ATO	BTO
HIGH VOLTAGE DELTA	115000	141	1	16 AND 17			
	112725	144	2	15 AND 17			
	109250	148	3	15 AND 16			
	106375	152	4	14 AND 16			
	103500	156	5	14 AND 15			
LOW VOLTAGE WYE	11780	1235			16	K	1 1
	11945	1235			14	K	2 2
	12110	1235			12	K	3 3
	12270	1235			10	K	4 4
	12435	1235			8	K	5 5
	12600	1235			6	K	6 6
	12765	1235			4	K	7 7
	12925	1235			2	K	8 8
	13090	1235				M-K	0 0
	13255	1220			2	M	1 1
	13420	1205			4	M	2 2
	13580	1190			6	M	3 3
	13745	1176			8	M	4 4
	13910	1162			10	M	5 5
	14070	1149			12	M	6 6
	14235	1136			14	M	7 7
14400	1123			16	M	8 8	

* AMPS ARE AT MAXIMUM KVA



HIGH VOLTAGE MULTI-RATIO C.T.	
RATIO	LEADS ON
50/5	X2 - X3
100/5	X1 - X2
150/5	X1 - X3
200/5	X4 - X5
250/5	X3 - X4
300/5	X2 - X4
400/5	X1 - X4
450/5	X3 - X5
500/5	X2 - X5
600/5	X1 - X5

L.D.C. MULTI-RATIO C.T.	
RATIO	LEADS ON
300/5	X3 - X4
400/5	X1 - X2
500/5	X4 - X5
800/5	X2 - X3
1,100/5	X2 - X4
1,200/5	X1 - X3
1,500/5	X1 - X4
1,800/5	X2 - X5
2,000/5	X1 - X5

TRANSFORMER MUST NOT BE ENERGIZED FROM ANY VOLTAGE SOURCE WHEN NO LOAD TAP CHANGER IS OPERATED.
FOR ODD POSITIONS THE ON LOAD TAP CHANGER STOPS MIDWAY BETWEEN EVEN NUMBERED POSITIONS.

APPROXIMATE WEIGHT IN LBS.		FULL WAVE IMPULSE LEVEL	
UNTANKING	36500	5360 LBS.(CU) HV WINDING	450KV
TANK AND FITTINGS	28400	3570 LBS.(CU) LV WINDING	110KV
3230 GALLONS OIL MAIN TANK	24220		LV NEUTRAL 110 KV
690 GALLONS OIL LTC	5180		
TOTAL WEIGHT	94300		

LIQUID LEVEL BELOW TOP OF MANHOLE FLANGE AT 25°C 18 INCHES
LIQUID LEVEL CHANGES 0 INCHES PER 10°C CHANGE IN LIQUID TEMPERATURE
BEFORE INSTALLING OR OPERATING READ INSTRUCTIONS

TRANSFORMER FILLED WITH INH OIL
TRANSFORMER TANK TO WITHSTAND 15 LBS. NEGATIVE AND 15 LBS. POSITIVE PRESSURE.



