



## RESOLUTION NO. U-11458

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 two (2) 56MVA Substation Transformers, 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 \$60,000,  
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 two (2) 56MVA Substation Transformers surplus to Tacoma Power's needs,  
24 and authorize Tacoma Power to sell the transformers at a bid sale(s) to the  
25 highest responsive bidder(s); Now, Therefore,  
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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 two (2) 56MVA Substation 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

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**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.

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

**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 Pioneer substation transformers listed on the attached surplus equipment description are considered surplus to Tacoma Power's needs due to their 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 Pioneer  
Surplus Equipment Attachment Pioneer

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


- Declaration of Surplus Personal Property  
 Declaration of Surplus Real Property  
 Declaration of Unusable Personal Property<sup>1</sup>

<sup>1</sup> 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: (2) 56MVA Substation Transformers Fixed Asset # See Attached List  
 Address/Location of Items: 605 E ALEXANDER AVE Accounting (for costs/proceeds):  
 Estimated Commercial or Resale Value: \$60,000 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.

 \_\_\_\_\_ 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

### Pioneer Substation Transformers

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The transformers are 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 Pioneer Substation, are summarized below.

Item 1: 1998 56 MVA, 115KV to 13.8KV step down Hyundai power transformer weighing approximately 103,000 LBS.

Item 2: 1998 56 MVA, 115KV to 13.8KV step down Hyundai power transformer weighing approximately 103,000 LBS.

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 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 in Appendix A. 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:

Pioneer Substation  
605 E. Alexander Ave.  
Tacoma, WA 98421

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 **5 working days** to remove all listed equipment from the substation. If the availability of the substation is delayed, 5 full days will still be available for removal. Ideally, this work is completed during normal business hours Monday – Friday.

The successful bidder must ensure they can complete the removal of both transformers by July 31<sup>st</sup>, 2024.

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.

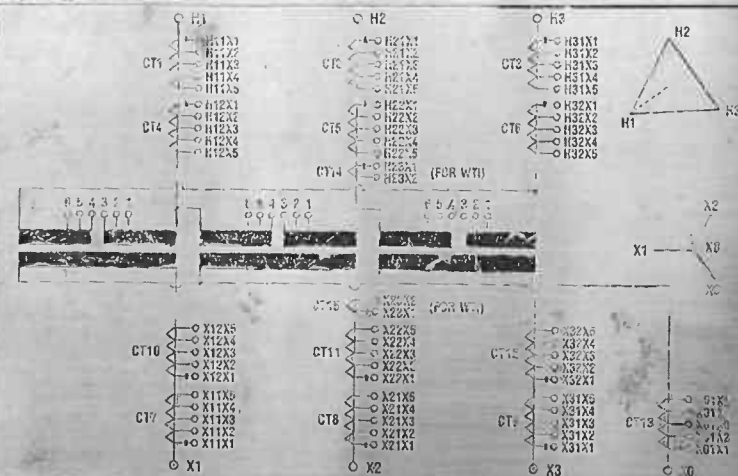
Every Tacoma Power employee is acutely aware of safe operating practices and is authorized to stop any work they consider to be unsafe. The contractor will abide by any direction to stop work for safety reasons upon notice by any Tacoma Power employee. The contractor will immediately correct any condition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

# HYUNDAI

## TRANSFORMER

RCP-367C

TYPE	TL-059A	SERIAL NO.	
NUMBER OF PHASES	3	STANDARD	ANSI C57.12.00
RATED POWER	45,000 VA	ACTIVE FREQUENCY	50 Hz
TYPE OF COOLING	ONAN	VECT. R. GROUP	01M1
RATED VOLTAGE	11.5 KV	5.750 CURRENT	011/251 A
VOLTAGE	13.5 KV	CURRENT	135/343 A
IMPEDANCE VOLTAGE AT RATED VOLTAGE AND 42MVA BASE			
B. I. L (HV/LV)	450 / 10 KV	UNWINDING WEIGHT	74,960 lb
TYPE OF INSULATING LIQUID	ASTM D3487	TANK AND FITTINGS	42,990 lb
CONDUCTOR MATERIAL	COPPER	INSULATING LIQUID	39,860 lb
SOUND LEVEL (DA/FA)	74 / 76 dB	TOTAL WEIGHT	157,830 lb
TEMP. RISE (WINDING/OIL)	55 / 65 °C	TRANSPORTATION WEIGHT	103,620 lb
YEAR OF MANUFACTURE			



POS.	TAP VOLTAGE		CURRENT		BUSHING CURRENT TRANSFORMER			
	CON.	VOLTAGE	DA	FA	CT NO.	RATIO (A)	BURDEN (VA)	CLASS
1	3-4	F 120750 V	201 / 258 A		1-3, 4-6	100 / 12.5	200	C100
2	3-5	F 117875 V	206 / 274 A		7-9	100 / 12.5	200	C800
3	2-5	R 115000 V	211 / 281 A		1	100 / 12.5	200	C800
4	2-6	R 112125 V	216 / 288 A			100 / 12.5	200	C800
5	1-6	E 109250 V	222 / 290 A			100 / 12.5	200	C800

NOTE: ACCORDING TO ANSI C57.13 MULTI RATIO  
 \*THE TRANSFORMER IS DESIGNED TO BE USED WITH A POLYMER (PCB) INSULATION

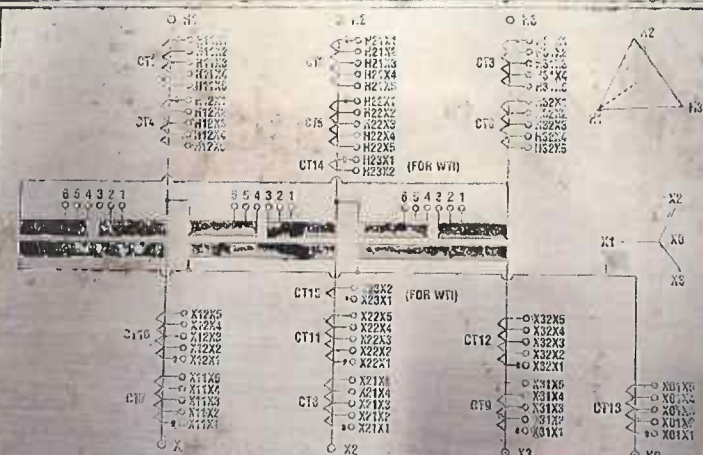
HYUNDAI HEAVY INDUSTRIES CO., LTD.  
 ULSAN, KOREA



# HYUNDAI

## TRANSFORMER

TYPE	1500VA	TYPE	
NUMBER OF PHASE	3	POWER FREQUENCY	60
RATED POWER	1500 VA	TYPE OF COILS	Y
TYPE OF COILS	Y	TYPE OF COILS	Y
RATED VOLTAGE	240V	TYPE OF COILS	Y
TYPE OF INSULATING LIQUID	MINERAL OIL	TYPE OF COILS	Y
COMPOSITION MATERIAL	ALUMINUM	TYPE OF COILS	Y
SCULPTURE (CAPA)	240V	TYPE OF COILS	Y
TEMP. RISE (TEMP.)	SE. RE. 10	TYPE OF COILS	Y
YEAR OF MANUFACTURE		TYPE OF COILS	Y



POS.	TAP	VOLTAGE	CURRENT		BUSBAR CURRENT TRANSFORMER				
			OA	FA	CT NO.	RATIO (A)	BURDEN (VA)	CLASS.	
1	3-6	240 V	201	268 A	1-3	4-6	1000 / 5	200	C800
2	6-1	240 V	206	274 A	7-9		1000 / 5	200	C800
3	1-2	240 V	211	281 A	10-12		1000 / 5	200	C800
4	1-2	240 V	216	288 A	13		1000 / 5	200	C800
5	1-2	240 V	222	296 A	14		1000 / 5	200	C800

ALL WINDING INSULATION IS MULTI RATIO  
 TRANSFORMER'S DIELECTRIC FLUID IS POLYCHLORINATED BIPHENYL (PCB)  
 WITH 100 PPM POLYCHLORINATED BIPHENYL (PCB)

HYUNDAI HEAVY INDUSTRIES CO., LTD.  
 ULSAN, KOREA

