



City of Tacoma
Tacoma Power / Transmission and Distribution

Distribution Capacitor Bank
RFB Specification No. PT22-0226F

QUESTIONS and ANSWERS

All interested parties had the opportunity to submit questions in writing by email to Becky Lewis rlewis4@cityoftacoma.org by 3:00 pm on August 2, 2022. The answers to the questions received are provided below and posted to the City's website at www.TacomaPurchasing.org: Navigate to *Current Contracting Opportunities / Supplies*, and then click *Questions and Answers* for this Specification. This information IS NOT considered an addendum. Respondents should consider this information when submitting their proposals.

Question 1	The bank has a voltage/current sensor assigned per phase (3 total). Material Specification PT22-0226N does not specify if the capacitor banks intended use is a pure gang operation, or single phase trip enabled (that can be gang or independent phase operated). Which mode is Tacoma wanting the bank to operate as?
Answer 1	Tacoma Power intends to implement all switched capacitors in a three-pole ganged application.
Question 2	<p>The SEL control as given, 07340R9F1D362EXX6D3A000G; referring to the SEL product call out based on the given part number (Per attached), this part number is not valid. Since the SEL 734 primary designation is a substation meter, does this part number reflect on a meter as used by Tacoma? Below is the part breakout with issues in red. I need to understand the Control call out in order to quote the accurate equal.</p> <p style="text-align: center;">Part Break Out SEL 0734 0 R 9 F 1 D 3 6 2 6 E XX 6 D 3 A 0 0 0 6</p> <p>SEL 0734 is the base part, this has no options 0 Standard Power Quality, 32 MB Memory R – Does not exist on the SEL 734B spec guide 9 – Four Wire Y F – F is fixed, not a variable 1 – 125/250 VDC; 3 contact outputs, 2 inputs D – 125 Vac or Vdc voltage input 3 – 3 Sensor input 6 – 10 VAC input sensor 2 – Conformal Coated Board 6 – 60 Hz E – Two EIA-232 Port, one MTRJ Port XX – Expansion Slot 1 Empty 6 – Expansion Slot 2; 4 Electromech Outputs, 4 Inputs (KYZ for metering purposes? Is this required for a capacitor bank?) D – 125 Vac or Vdc input power for expansion port 2 3 – DNP 3.0 Level 2 Slave Serial and Lan/Wan A000G – This part grouping does not exist on the SEL part config sheet. This maybe for metering part call out also.</p>

Answer 2	<p>The referenced part number by the vendor in Question #2 is not a valid SEL P/N; a character was seemingly missed. The intended P/N as noted in PT22-0226N is 07340R9F1D3626EXX6D3A000G; noting the inclusion of the missing '6' (highlighted) results in a valid SEL P/N for product: "SEL-734B Capacitor Bank Controller in Outdoor Enclosure Configuration."</p> <p>The SEL-734B's primary designation is advertised as an "Advanced Monitoring and Control System" and therefore provides the necessary monitoring and control capabilities of the distribution capacitor bank.</p>
Question 3	<p>What material does the capacitor control cabinet need to be made out of. The attached spec sheet does not have a cabinet designation. Choices for the cabinet are mild steel, stainless steel or NEMA 4X Molded Lexan. Assuming Stainless Steel but please confirm so I can generate the part number and quote out.</p>
Answer 3	<p>Tacoma Power will allow either painted Type 304 Stainless Steel, or a NEMA 4X Molded Lexan Enclosure for the control cabinet.</p>