



## QUESTIONS & RESPONSES #01

**TITLE** 071357 | Terminal 3 and Terminal 4 Shore Power Project  
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**SUBMITTAL DUE DATE** April 5, 2022 @ 2:00PM (PST)  
**Q&A ISSUE DATE** March 9, 2022

QUESTIONS	PORT RESPONSES	REFERENCE
Can you please send me the current plan holders list for the Terminal 3 & 4 Shore Power project?	The holders list is posted to the procurement page (see bottom of files on right side of page).	N/A
<p>"BP" Ductbank shown to be installed on plan E1.2 between SSPV3 intersecting with SSPV4 and then ending at SSPV5 is not provided with a Designation as to what this ductbank is to contain, can the designer please clarify the following.</p> <p>Q1- Is this a new ductbank to be installed as a part of the project or is this an existing ductbank.</p> <p>Q2 – If this is new ductbank please clarify the Conduit Sizes and Number of conduits that are supposed to be within this ductbanks.</p> <p>Q3 – If this is an existing conduit, please clarify what is to be installed within this ductbank as it pertains to conductor size, type and count.</p> <p>Q4 – If there is nothing to be done with this ductbank run please clarify.</p>	<p>Responses are as follows:</p> <p>1) Per the legend/symbols on Sheet E1.0 (under conduit and raceway heading at top middle of page), heavy dashed lines indicate "new conductors in existing conduit/ductbanks". See also the Conduit and Conductor Schedule on Sheet E4.1 for conduit and conductor information. The "BP" ductbank (ID#s 2A and 2B) between SSPV3 and SSPV5 are existing ductbanks as indicated by the thin text in conduit and conductor schedule.</p> <p>See also Key Note 1 on Sheet E1.2 which describes that existing vaults SSPV2, SSPV3, SSPV4 and SSPV5 need to be replaced with new larger 7'x5'x4' vaults and that there are existing conduits that are empty/spares.</p> <p>2) Not a new ductbank as described in answers to Q1 and Q3.</p> <p>3) See the schedule on Sheet E4.1 for the existing conduit sizes and new conductor requirements.</p> <p>4) See previous answers.</p>	"BP" Ductbank
<p>"C" Ductbank shown to be installed on plan E1.2 between SDV5 intersecting with SDV6 and then ending at SDV7 is not provided with a Designation as to what this ductbank is to contain, can the designer please clarify the following.</p> <p>Q1- Is this a new ductbank to be installed as a part of the project or is this an existing ductbank.</p> <p>Q2 – If this is new ductbank please clarify the Conduit Sizes and Number of conduits that are supposed to be within this ductbanks.</p> <p>Q3 – If this is an existing conduit, please clarify what is to be installed within this ductbank as it pertains to conductor size, type and count.</p> <p>Q4 – If there is nothing to be done with this ductbank run please clarify.</p>	<p>Responses are as follows:</p> <p>1) Per the legend/symbols on Sheet E1.0 (under conduit and raceway heading at top middle of page), heavy dashed lines indicate "new conductors in existing conduit/ductbanks". See also the Conduit and Conductor Schedule on Sheet E4.1 for conduit and conductor information. The "C" ductbanks (ID# 12AB) between SDV5 and SDV7 are existing ductbanks as indicated by the thin text in conduit and conductor schedule.</p> <p>2) Not a new ductbank as described in answers to Q1 and Q3.</p> <p>3) See the schedule on Sheet E4.1 for the existing conduit sizes and new conductor requirements.</p> <p>4) See previous answers.</p>	"C" Ductbank

Drawing C4.2 is not a part of the high resolution drawing set so can this be released to bidders?	Yes, refer to Addendum 01 for high-resolution copy of Sheet C4.2.	Drawing C4.2
Spec section 33 77 00 – 2.05A 1 calls out Arc- resistant switchgear. Can you confirm that this requirement is only for the breaker sections in this lineup? Our understanding is that the switches will not be operated under load and an arc-resistant rating would not be necessary. Furthermore, an arc-resistant rating on MV Switches would be unusual. This would apply to both the Pier 3 and Pier 4 Walk-in enclosures.	Confirmed. The arc-resistant rating requirement applies only to the breaker section, not to the switches. Refer to Addendum 01.	Spec Section 33 77 00 2.05A 1
Are covers/lids needed for the SPO Box Vaults governed by 26 90 11 and shown on sheets E2.1 thru E2.6	SPO vaults SSB1, SSB2, SSB3, SSB4, and SSB5 are existing vaults which have existing lids (covers) as indicated in Key Note 10 on Sheets E2.2 through E2.6. Vault SSB0 is a new SPO vault which requires a new lid (cover) as indicated in Key Note 10 on Sheet E2.1. See Sheets S8.1 through S8.3 and Section 05 55 00 for requirements for the new lids (covers) to be provided for vault SSB0.	Spec Section 26 90 11 E2.1 - E2.6
Can you provide a 2 week extension. I have heard from multiple Manufactures that they need this extra time to be able to provide pricing for all the MV substation equipment.	Yes, the bid opening date for this project is extended to April 5, 2022. Refer to Addendum 01.	N/A
Please provide the specifications for the NGR	Section 26 12 16 - Medium Voltage Power Substations has been revised to include a new Article 2.10 that addresses neutral grounding resistor (NGR) specifications. Refer to Addendum 01.	NGR
Please provide specifications for the PLC/HMI	Section 33 77 00.01 - Medium Voltage Shore Power Switches PLC-HMI has been added to the project manual. This new section addresses PLC and HMI specifications. Refer to Addendum 01.	PLC/HMI
Please provide specifications for the DC Batteries	Section 33 77 00.01 - Medium Voltage Shore Power Switches PLC-HMI has been added to the project manual. This new section addresses battery specifications. Refer to Addendum 01.	DC Batteries