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Terminal 5 Berth 503 Rehabilitation 2022-9690

REMAINING
4 days

Bid Information	Line Items
Documents	ADDENDUM 06/14/2022 08:00 AM (PDT)
Expand All Collapse All	Addenda/Emails
Set 1 Released via Email 06/29/2022 2:28 PM (PDT) – 2 questions	Prospective Bidders
Set 2 Released via Email 06/29/2022 3:26 PM (PDT) – 1 question	Awards
Set 3 Released via Email 07/15/2022 8:07 AM (PDT) – 21 questions	
3.1 14 - Joint Repair at Panel Step - On sheet S5.07, Detail 5 shows a det...	

Question

14 - Joint Repair at Panel Step - On sheet S5.07, Detail 5 shows a detail of this work. However, the location(s) of this are not identified on any plan sheets. Please identify where this scope will occur?

Answer

Locations are cut on plan S1.03 near Grid A.2/9.5 and S1.04 Grid A.2/15.5. Total length required is per bid item quantities.

3.2 20- Trestle Cross-brace Rehabilitation - please provide sizes/shapes ...

Question

20- Trestle Cross-brace Rehabilitation - please provide sizes/shapes of the steel cross braces. Currently, it appears that only cleaning and painting is required for this bid item; please provide any additional anticipated scopes of work for this item?

Answer

Confirmed. Per Detail 4/S3.02: Apply high performance coating to existing steel bracing.

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3.3 19 - Fender Panel Rehabilitation. Please provide as-builts/fabrication... 

Question

19 - Fender Panel Rehabilitation. Please provide as-builts/fabrication information for the existing fenders, including weights, any anticipated repairs or rehabilitation work. Please provide a specification for the UHMW panels to be replaced?

Answer

See the Reference Drawings that have been added to the Documents tab of the solicitation.

3.4 Are there any weight limits for equipment used on the berth or access tr... 

Question

Are there any weight limits for equipment used on the berth or access trestle?

Answer

Weight limits are restricted to the DESIGN LOADS as noted under the original dock deck design loads included in the general structural notes on S0.01.

3.5 Are there any as-built plans or information pertaining to the previous... 

Question

Are there any as-built plans or information pertaining to the previous cathodic protection work done on the Berth?

Answer

See the Reference Drawings that have been added to the Documents tab of the solicitation.

3.6 Waiver of Claims to Date form, Paragraphs 6, 7 & 8 need reviewed, the s... 

Question

Waiver of Claims to Date form, Paragraphs 6, 7 & 8 need reviewed, they seem to limit payment for added work and claims

Answer

The Port does not intend to modify the Waiver of Claims to Date form. Bidders are encouraged

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Question

3.9 A, Potential survey called for again

Answer

This question unclear and cannot be answered in the current form.

3.8 3.15 A4, states that the data logs must be a bound book with consecuti... 

Question

3.15 A4, states that the data logs must be a bound book with consecutive numbered pages. Is a copy of a digital log printed and signed daily by the Inspector and project staff kept on site an acceptable substitute?

Answer

No. The log must be printed to meet NACE standards.

3.9 3.12 A and C. Two Zinc Mesh Anode plates (anode terminal plates) are c... 

Question

3.12 A and C. Two Zinc Mesh Anode plates (anode terminal plates) are called for at each beam but existing can be reused. During the tour and in review of picture we only saw a single terminal at each beam. Is the intent to add additional plates where only one is present? What is the expected quantity of the anode terminals?

Answer

Assuming this is intended for section 3.11 A and C rather than 3.12

New terminal plates are required at EDGE BEAMS where there is currently no existing metallizing. Existing terminal plates are to be reused at locations requiring metallizing repairs. Reference legend on sheet S7.02 for EDGE Beam locations requiring new metalizing (and new terminal plates). The legend also indicates locations requiring metallizing repairs (reuse existing plates).

3.10 3.9 Discontinuities. Please confirm that the intent is all of the edge... 

Question

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Correct that all EDGE beams need to be checked for discontinuities per the specifications. Edge beams do not currently have metallizing and will therefore not have existing anode mesh plates or zinc metallizing in place. Other types of beams that already have metallizing DO NOT need to be checked for discontinuities.

Excavation and patching shall be included with his bid item and not Bid Item 9.

3.11 Please clarify 3.7 C. Reference is made in note 7, 9 and 11 that repai... ▼

Question

Please clarify 3.7 C. Reference is made in note 7, 9 and 11 that repairs over 1/2 ft² shall be "patched under Section 033100". Is the intent that they will be patched per Section 033100 or do they get both paid under section 033100 and patched per section 033100. How are patches less than 1/2ft² treated? Where are they paid and what specification do they fall under?

Answer

All patches greater than ½ square foot are to be installed in accordance with Section 033100 and paid under one of the following bid items: Deck Delamination and Spall Repair; Deck Delamination and Spall Repair with Anodes; Soffit and Vertical Face Delamination and Spall Repair; Soffit and Vertical Face Delamination and Spall Repair with Anodes; Pile Spall Repair (ref spec 099723 Section 3.7). All patches ½ square foot or less are incidental the metallizing repair or metallizing application bid items.

3.12 2.6 Zinc Mesh Plates. Please confirm that the zinc mesh plates are bei... ▼

Question

2.6 Zinc Mesh Plates. Please confirm that the zinc mesh plates are being used in this section interchangeably with Anode Terminal Plates.

Answer

Yes, "Zinc Mesh Plates" and "Anode Terminal Plates" are being used interchangeably.

3.13 1.5 C2. Reference is made to "submerged and severe service coating sys... ▼

Question

1.5 C2. Reference is made to "submerged and severe service coating system". What is this a

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3.14 2.8 Grout materials. What is this specification intended for? Is this ...



Question

2.8 Grout materials. What is this specification intended for? Is this the material we are to use to repair the joints?

Answer

Grout material under Specification 034100, Section 2.8A, precast concrete specification, is for grouting the joint between the new precast panels. Grout for joint repairs between panels is covered under Specification 033100, Section 2.5A.

3.15 3.1A, Epoxy bonding agent called for(seems to be a general Note), this...



Question

3.1A, Epoxy bonding agent called for(seems to be a general Note), this is counter to CP work in general, 3.2B seemingly requires no bonding agent nor do the repair specs. Bonding agent shown on on S5.06, detail 5. This contradicts scrub coat in specifications. Also overlay must be placed within minutes of bonding agent application or it is a bond breaker.

Answer

The bonding agent is to be applied between the new fiber-reinforced concrete topping slab and the existing concrete structure. This is a separate system from the HPC repair materials included in Specification Section 033100.

3.16 BI 22 and 23, NSM location, NSM repair, continuity and discontinuity w...



Question

BI 22 and 23, NSM location, NSM repair, continuity and discontinuity work buried in these items. Please provide estimated quantities for incidental work. Are anode Mesh terminals being added to all edge beams? If so how many mesh terminals are already installed? Since the Anode is connected directly to the rebar as shown on S7.06, making this a passive cathodic system, why are NSM location and removal, Shallow bar coverage or even potential readings required? Those items typically are a concern with impressed current systems were separation of the anode and cathode and placement of monitoring devices are crucial for proper operation of the system.

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3.17 Please confirm BI 19 and 20 work activities fall under section 099600... 

Question

Please confirm BI 19 and 20 work activities fall under section 099600.

Answer

Confirmed. Reference structural notes on S0.01: High Performance Coating.

3.18 BI 13 and 14 appear to be missing specifications for the 2 part uretha... 

Question

BI 13 and 14 appear to be missing specifications for the 2 part urethane joint sealer shown on the plan sheets.

Answer

Two-part sealant spec is included in 033100-7, section 2.5B and 2.5C.1.b.

3.19 BI 9 & 10, please clarify these items. For instance if a 10 square foo... 

Question

BI 9 & 10, please clarify these items. For instance if a 10 square foot area has a single puck added at 1 location, how would that work be paid between these two items? Why are embedded anodes not just given a Unit priced items for each type and similar repairs paid all in one item?

Answer

BI 9 covers all delamination/spall repairs required at the soffit or vertical face of the structure. BI 10 is the same as BI 9 except includes embedded anodes placed within the repair area. Embedded anodes in delamination/spall repairs are required only where indicated on the plans and details (i.e. detail 3/S5.02, 4/S5.03, 2/S5.05). Anodes shall be installed as noted in the details, at 12" on center around the perimeter of the repair area and at 12" on center each way within the repair area. Area of repair is provided in square foot and will require approximation of anodes needed around the perimeter for the area provided.

3.20 BI 7 and 8, please clarify what these covers. We find references to im... 

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Answer

BI 7 covers all delamination/spall repairs required on the deck surface of the structure. BI 8 is the same as BI 7 except includes embedded anodes placed within the repair area. Embedded anodes in delamination/spall repairs are required only where indicated on the plans and details (i.e. detail 3/S5.02, 4/S5.03, 2/S5.05). Anodes shall be installed as noted in the details, at 12" on center around the perimeter of the repair area and at 12" on center each way within the repair area. Area of repair is provided in square foot and will require approximation of anodes needed around the perimeter for the area provided.

3.21 Please verify that the Builders Risk Policy specified in Article 5.5 i... 

Question

Please verify that the Builders Risk Policy specified in Article 5.5 is deleted per 007300, 1.7, A (page 007300-2)

Answer

Builders Risk Insurance is deleted and replaced per 007300, 1.7, A.

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