

October 16, 2023

RFB 23-4249 – S-551 CATHODIC PROTECTION AND CONCRETE REPAIR

ADDENDUM #3
(Acknowledgment is Required)

The Respondent shall acknowledge its review and receipt of this Addendum by signing below and including a signed copy of this Addendum with its bid submittal. Failure to do so could result in disqualification of the bid.

Please note that double underlined information (example) is added wording and stricken information (~~example~~) is deleted wording.

I. QUESTIONS AND ANSWERS

- 1. Question: Is it necessary to check the electrical continuity between the new stainless steel bolts and existing steel bars?**

Answer: Yes, please refer to the solicitation documents, especially Figure 2 – Technical Specifications, T400-3.2 Electrical Continuity of Reinforcement and Anodes, T402-3.2.1 Zinc Anode Connection, and T402-3.2.2 Magnesium Anode Connection for continuity testing of stainless-steel bolts and anchors for the bulk anodes.

- 2. Question: During commissioning, is it required to map potentials on the concrete?**

Answer: Yes, please refer to the solicitation documents, especially Figure 2 – Technical Specifications, T400-4 Energizing.

- 3. Question: Is it requested to check electrical discontinuity between galvanic anodes and existing the steel bars?**

Answer: Yes, please refer to the solicitation documents, especially Figure 2 – Technical Specifications, T400-3.2 Electrical Continuity of Reinforcement and Anodes. Anodes on the outflow side only connect to the rebar via the monitoring box.

- 4. Question: Are the steel structures of the dam in electrical contact with the steel bars in particular?**

Answer: Please refer to the solicitation documents, especially Figure 9 – Corrosion Evaluation S-551 09-2020, to review locations that were previously measured for voltage potential. All the reinforcing steel receiving corrosion protection shall be tested for electrical continuity using approved procedures. Please refer to the solicitation documents, especially Figure 2 – Technical Specifications, T400-3.2 Electrical Continuity of Reinforcement and Anodes.

5. **Question:** **Is it necessary that the General Contractor always be present on-site?**

Answer: Please refer to RFB 23-4249, Section 2.38, Contractor Supervision.

6. **Question:** **Does the contract require consideration of an independent specialist certified by NACE CP-4 Cathodic Protection?**

Answer: Please refer to the solicitation documents, especially Figure 2 – Technical Specifications, T400-1.3 Cathodic Protection Specialist (CPS) Qualifications.

7. **Question:** **In regards to the monitoring boxes:
The plans are calling out a “stainless steel connector bar” on the drawing details. This is not a term I’m familiar with and seems to imply a common bar or bus. This makes zero sense for what they are wanting in the function of the monitoring box.
a. Do they mean a “terminal strip”?
b. Will the use of tin-plated copper be acceptable?**

Answer: The connector bar could also be called a “terminal connector block”, “double row connector block”, or “double row connector strip”. Most of the marine grade connectors are stainless steel, but the proposed type of connector shall be included in the shop drawings per solicitation documents, Figure 2 – Technical Specifications, T400-1.6 Submittals.

8. **Question:** **In regards to the monitoring boxes:
There are no details regarding PVC junction boxes (not to be confused with the PVC Terminal Boxes). Please advise material and dimensions or detail?**

Answer: Please refer to solicitation documents, Figure 2 – Technical Specifications, T400-2.4 PVC, T.400-3.6 Wiring, and to Figure 1 – Design Drawings, Plan Sheet S-11, Notes 1 and 6. Size will depend on the submitted proposed conduit system.

9. **Question:** **In regards to the monitoring boxes:
There is no guidance on labels for instrument connections.
Will they be required? If so, please provide details.**

Answer: Please refer to solicitation documents, Figure 1 – Design Drawings, Plan Sheet S-11, Note 6. The proposed labels system inside the monitoring box shall be included in the shop drawings per solicitation documents, Figure 2 – Technical Specifications, T400-1.6 Submittals and shall use permanent, durable markings.

10. Question:

In regards to Item # 7 and Item #8; “sealer”. Both of these line items call out “sealers”. However, material Note 6 and Scope of Work Note 5 to apply concrete coating. Therefore, please clarify that if we understand the intention is for a total of 11,552 square feet with an additional 1,881 square feet of “the deck coating”? Or is this a total of 9,671 square feet of sealer only, and 1,881 square feet of “the deck coating”?

Answer:

Item #7 in the Bid Response Form includes the total estimated surface area of penetrant sealer identified in the solicitation documents, Figure 1 – Design Drawings, Plan Sheet S-5. Item #8 in the Bid Response Form includes the estimated surface area of acrylic coating over the penetrant sealer on the top side of the service bridge as identified in the solicitation documents, Figure 1 – Design Drawings, Plan Sheet S-5.

Ari Horowitz
Procurement Specialist
cc: Project Manager

ACKNOWLEDGEMENT OF ADDENDUM #3

BY: _____
DATE

(TYPE/PRINT NAME AND TITLE)

COMPANY NAME

End of Addendum #3 for RFB 23-4249

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