

Addendum Date: April 8, 2026

**CITY OF PENSACOLA, FLORIDA
ADDENDUM #2**

**Bid No. 26-029
HIGH PERFORMANCE MARINE CENTER OF EXCELLENCE DOCK COMPLEX**

The following items take precedence over the documents for the item named above. All other terms and conditions shall remain the same.

**A SIGNED COPY OF THIS PAGE MUST BE RETURNED WITH YOUR SUBMITTAL
AS ACKNOWLEDGEMENT OF RECEIPT OF ADDENDUM.**

Company: _____ Date: _____

Authorized
Representative: _____ Title: _____
Printed Name

Signature: _____

Questions and Answers

Answer to Questions #1-9: The cathodic protection system is delegated design to be provided by the contractor. The contractor shall provide a complete design and installed cathodic protection system that meets the requirement on S000.

1. Are the only steel structures to be protected: **See answer above.**
 - a. The vertical steel pilings
 - b. The landside of the seawall
 - c. The waterside of the seawall
2. Are these items coated and if so, what are they being coated with?
See answer above.
3. Assuming that the steel is being coated, what is the “percent bare steel factor” that the PDE wish for the CP contractor to use in designing the CP system for each of these structures? Remembering that once driven into the ground, the coating will not be 100% but will be somewhat reduced. **See answer above.**
4. What is the “circuit resistance” that the project engineers wish for the CP contractor to use for each one of these structures, remembering that: **See answer above.**

- a. The vertical piles will be driven some distance from the water.
 - b. The landside of seawall will have a certain amount of seawater influence
 - c. The waterside of the seawall will have a greater influence associated with the seawater.
5. What is the “current density” that the PDE wishes for the CP contractor to use to achieve CP on each of these structures. **See answer above.**
 - a. This would be expressed in mA/sqft of bare steel in contact with some form of electrolyte not in contact with the atmosphere. For example:
 - i. Vertical Piles: 3 mA/sqft
 - ii. Seawall – landside: 3 mA/sqft
 - iii. Seawall – waterside: 5 mA/sqft
6. As it relates to the seawall only, are all mechanical joints between each z-plate being made electrically continuous by welding. What is the specific process of this procedure. We would highly recommend that that this be done to the ACI’s specification of a 6” double pass weld that is then coated and encapsulated in the concrete cap of the seawall. **See answer above.**
7. If it is proven out that an impressed current CP system is the solution to bringing these structures under CP, where will the power supply location for the 480/240/3 AC power for the three rectifiers needed for this part of the project. Specifically how far is to each structure being protected by CP. **See answer above.**
 - a. It would be ACI’s understanding that others would supply a 3-phase disconnect at the rectifier location for the CP contractor to use in installing and powering the rectifier the CP contractor would supply.
8. To adjust and monitor the CP systems over their 20 year life, what is the PDE’s plan for this activity. AMPP’s (Association of Material Protection and Performance) guideline recommends that the “reference cell” be place as close as practical to the structure being investigated without touching the structure. The multimeter is used to take a potential when set to DC volts. The reference cell is connected to the “negative” terminal of the multimeter. When the reading reaches the threshold value of an AMMP’s guidelines, then CP is said to have been achieved. As it relates to the vertical piles, how does PDE envision these measurements be taken?
See answer above.
 - a. One solution would be to run a small gauge wire to each piling that has been thermite welded to each pile and then terminate these wires in a junction test box outside of the building located over the pilings. Then install a “permanent reference cell” adjacent to each piling at some depth below the surface. Their reference cell lead wires would also be terminated into the “test” junction box. By doing this it would be a very easy task to measure and monitor the CP system associated with the vertical piles. Is this approach acceptable to the PDE?

9. Can an individual holding the required design engineer qualifications for a Sacrificial Anode Cathodic Protection (SACP) be approved as the Design Engineer for the Impressed Current Cathodic Protection (ICCP) system? **See answer above.**

10. Regarding the High Performance Maritime Center, ITB 26-209, it is our position that Longshoreman's Insurance should be required for this scope of work given the amount of waterward work.

This determination is based on the following project-specific activities:

- Turbidity barrier installation within Pensacola Bay
- Sheet pile installation along the shoreline
- Work being performed directly adjacent to navigable waters within the project limits

Given these conditions, the exposure aligns with standard Longshoreman's insurance requirements for marine-adjacent construction operations. Please review this requirement in the context of the bid and advise at your convenience.

Answer to Question #10: The scope of work indicates that all work is anticipated to be performed from a landside perspective; therefore, Marine Liability insurance is not required. Should a contractor's proposal include work from a waterside perspective, the contractor shall obtain all applicable and appropriate marine-related insurance coverage.