



Date: September 12, 2025

To: All Vendors

Subject: Addendum #2

**REFERENCE: B088-25 Unit 10 Cooling Tower Replacement Project**

This Addendum forms part of the contract and clarifies, corrects or modifies original bid document.

**Question 1:** What are the minimum acceptable stainless-steel grades (e.g., 316, 304L) for the cooling tower structure, cold water basin, hot water basin, and casing panels?

**Answer 1:** Basins are preferred to be 304L, and casing panels and structure can be 316.

**Question 2:** Is there a preference for the cooling tower fan motors to be located inside or outside the airstream?

**Answer 2:** It is preferred to have the cooling tower fan motors outside the airstream.

**Question 3:** Would a cooling tower with structural FRP construction and a 15-year casing and structure warranty be considered equivalent to one with stainless steel construction?

**Answer 3:** Yes, definitely it will be considered, vendors can submit a proposal.

**Question 4:** The technical specifications in the bid appear to address only the cooling tower. Are there specifications or minimum requirements for associated components (piping, structural steel, valves, drives, electrical equipment, fittings, etc.)? Without defined standards, bidders may include these items at their own discretion, which could lead to significant differences in quality and long-term value for the plant. Should bidders follow a particular standard or performance guideline for these components?

**Answer 4:** Please see additional specifications below:

Piping shall be carbon steel, fabricated, and installed and tested in accordance with ANSI B31.1 Power Piping Code. All welders shall be certified per the Code. Structural steel shall be carbon steel hot dipped galvanized.

Electrical enclosures shall be NEMA type 4X with hinged doors. All wiring shall be installed in hot dipped galvanized rigid steel conduit.

All wiring shall be continuous from terminal to terminal without splices, and shall be tagged at both ends with heat shrinkable plastic sleeve type wire markers.

Power wire and cable shall be No. 12 AWG minimum, 600-volt Class B stranded copper conductor with a highly flammable retardant insulation/jacketing system for power cables. Insulation shall be cross linked polyethylene (XLPE) per ICEA S-66-524, Ethylene Propylene

Rubber (EPR) per ICEA S-68-516, or equivalent. Jacketing shall be Hypalon, Neoprene or XLPE compounds. The Conductors for power circuits shall be sized and installed in accordance with NEC and ICEA.

Control wiring and secondary wiring shall be 600V, Class B stranded copper, type SIS, minimum size No. 14 AWG. Instrumentation wiring shall be 2, 3, or 4 copper conductor, twisted cable, No. 16 AWG with an aluminum-mylar type shield. Multi-pair/triad/quad cable is acceptable.

Conductor terminations shall be terminated with ring tongue type terminals with insulated and insulation-gripping ferrules.

All non-current carrying metallic parts of equipment shall be bonded together and made electrically continuous. Equipment shall be connected to existing grounding grid.

All equipment, material shall follow minimum latest requirements as specified by ASME, IEEE, ANSI, NFPA, NEC, ICEA and NEMA.

**Question 5:** The existing three cooling towers have their weight evenly distributed across the concrete pad. There is concern about installing a 2-cell cooling tower, which may concentrate the operating load over half of the pad from a structural perspective. Can it be safely assumed that the existing concrete structure will support the weight of the 2-cell tower? Or must the entire operating weight be distributed across all concrete piers to align with the existing pad layout?

**Answer 5:** Owner will procure structural drawings as required.

The signature of the company agent, for the acknowledgement of this addendum, shall be required. **Complete information below and return via e-mail to: [dsolitaire@brownsville-pub.com](mailto:dsolitaire@brownsville-pub.com).**

I hereby acknowledge receipt of this addendum.

**Company:** \_\_\_\_\_

**Agent Name:** \_\_\_\_\_

**Agent Signature:** \_\_\_\_\_

**Address:** \_\_\_\_\_

**City:** \_\_\_\_\_ **State:** \_\_\_\_\_ **Zip:** \_\_\_\_\_

**Phone Number:** \_\_\_\_\_ **E-mail address:** \_\_\_\_\_

If you have any further questions about the bid, call 956-983-6366.

BY: ***Diane Solitaire***  
Purchasing

Addendum #2-B088-25 Unit 10 Cooling Tower  
Replacement Project