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TO: ALL BIDDERS

FROM: TIFFANY MCCLELLAND, ECONOMIC DEVELOPMENT DIRECTOR

DATE: JULY 12, 2019

RE: KELLEY'S ISLAND FERRY BOAT LINE REQUEST FOR BIDS

Below are the responses to questions that have been submitted to us. We will continue to provide additional answers and clarification as quickly as possible.

1. Section 706 states: Machinery Cooling: See section 510.3. No such section exists. Should we reference another section?

Section 510.3 doesn't exist. It's a typo. Section 706 should state
"

- Refer to section 503.2.7 for Main Propulsion Engines Cooling System.
- Refer to section 602.2 for Generator Sets Cooling System.
- Z-drive & Auxiliary Machinery Cooling system:
 - Cooling systems as necessary, shall be designed based on manufacturer's technical information. Vendor data on SRP 150 thrusters shall be requested from Schottel POC (Email: GSwift@schottel.com, Ph 985 346 8316).
 - If cooling systems are provided, the cooler system shall be pressure tested and cooling calculation shall be submitted to the Project Representative for their review and approval. Low temperate piping shall be schedule 40 steel piping with ANSI 150# flange takedown joints and lug type butterfly isolation valves. The system shall be provided with adequate expansion tanks, sized as recommended by the equipment manufacturer. The system shall be adequately sized for specified operating conditions.

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2. Section 707 of the spec states "Two (2) 5 HP single phase, 240 VAC driven hydraulic pumps, Vickers or equal, driven from the port aft main engine and the port forward main engine". This statement is self-conflicting. Would you like the system to be driven via a single-phase motor or from the engines?

Section 707 should state

"

This system shall include the following design elements:

Two (2) 5 HP single phase, 240 VAC driven hydraulic pumps, Vickers or equal.

One (1) Hydraulic tank with control valves to for hydraulic oil

"

3. Do you have the bow ramp system drawings/details for the Shirley Irene?

The shipyard is responsible for designing the ramp system drawings.

4. Document "TAI 1206 Lorain Port Authority 168 foot Passenger Vehicle Ferry RFB FINAL", 5.2 references training requirements "as in the Specifications". Document "TAI 1206 Lorain Port Authority Attachment-1 Tech Spec Rev 03 FINAL", does not have any listed training requirements. Are there any other requirements for training other than those listed in the RFB?
Crew familiarization training shall be provided to initial crews at the vessel's delivery location.
Training shall include class room and onboard operational training. A vessel information booklet also shall be furnished.