



THESSALONIKI
PORT
AUTHORITY S.A.

Thessaloniki, 20/7/2018

Ref.No: 6662/20.7.2018

"Clarifications on the technical specifications of the Request For Proposal for the purchase of one (1) single lift Spreader STS"

With reference to the above procurement process, we wish to respond to the following points of queries as received from a bidder.

Q1. *Technical Specifications - 9. Flippers* The flipper system should be designed so that operation in the vessel cells is possible when the flippers are down. The flipper mechanisms must not protrude in order to reduce the probability of being hit when the operator moves the spreader. It will be possible to lift all the flippers with a single button. **We do not understand, as we think it is not possible to enter a cell with the flippers down position. Please comment/explain.**

- **Answer:** Please strike out the following sentence: "The flipper system should be designed so that operation in the vessel cells is possible when the flippers are down.

Q2. *Can you please send the communication protocol of the crane and the brand of PLC installed on crane?*

- **Answer:** No protocol is used. An ABB PLC, product family ED 1000, is connected to the spreader with a PLC input Analog card. For your convenience please refer to the attached schematics (page B1.22).

Q3. *Can you please send a clear drawing of the head block?*

- **Answer:** You can find attached the head block schematics. We encourage you to visit the port in order to see the head block in real life in order to avoid any mistakes. Please note that you are solely responsible for the compatibility of the new spreader with the existing spreader and PLC.

Attachments

- Connection Schematics.
- Head block schematics.

CHIEF FINANCIAL OFFICER


ASTERIOS BROZOS

(Blue official stamp of Thessaloniki Port Authority S.A. is visible in the background)