Thessaloniki, 11 July 2019
Ref. No: 4982/15.7.2019

CLARIFICATIONS REGARDING THE OPEN CALL FOR TENDER FOR THE "DESIGN, MANUFACTURE, INSTALLATION, ERECTION, SUPPLY AND COMMISSIONING OF TWO (2) QUAYSIDE CONTAINER CRANES SINGLE-HOIST TWIN-LIFT".

With reference to the above call for tender, we wish to respond to the following points of queries as received from bidders.

Question 1
Which is the distance between waterside rail center and outside of fender?
Answer
The required distance, i.e. centerline of rail until edge of quay concrete is:
4400mm + length of fender 1600mm =distance total 6000mm

Question 2
Please clarify if 2 (hoist and trolley) or 3 (hoist and trolley and gantry) contemporary movements have to be foreseen.
Answer
Three (hoist and trolley and gantry) contemporary movements have to be foreseen.

Question 3
Which is the height of quay with respect to sea level?
Answer
Considering the sea condition as well as the tide level at the time of measurement (i.e. on Friday 05/07/2019 16:28h), the top-of-concrete elevation of the quay with respect to the sea level, is approximately: 1700 mm. This measurement depends on the tidal coefficient which should be checked by the supplier.

Question 4
Regarding section 1.2.1 Option 1: Spreaders
One identical twin-lift spreader is required as an option. Section 12.2 says that three spreaders shall be provided for these two quayside container cranes. Please kindly confirm that this one more spreader shall be provided as a spare one besides those three spreaders.
Answer
Two spreaders will be provided and one spare one as an option

Question 5
Regarding section 1.2.16 Option 6:Anti-Snag System
It seems that mechanical anti-snag system is required as an option. Please kindly confirm.
Answer
You should itemize your proposal with ANTI -SNAG SYSTEM TLS hydraulic cylinders system AND other non-TLS hydraulic cylinders system. You may quote a frame for 2.500mm or more but this should be clearly indicated.

Question 6
Regarding section 2 Main Characteristics and Performances: Operating Conditions
Wind speed of 28m/s is specified as the maximum operating speed. Please kindly let us have the maximum wind speed in out-of-service condition for checking of crane stability and structural strength.
Answer
Max wind speed in out-of-service condition should be indicated on the manufacturer recommendations.
Users cannot define this max wind speed.

Question 7

Regarding section 2 Main Characteristics and Performances: Operating Conditions

Please kindly let us have the permissible wheel loads of the wharf rail girders in service and out-of-service conditions.

Answer

Same reply as question 6.

In out of service condition and in operation the permissible wheel loads is 52T.

Question 8

Regarding section 6.1.4 Trim, List, Skew & Anti-Snag

DHHI proposes rope towed trolley for these two quayside container cranes. Regarding the Trim, List, Skew and Anti-Snag, we'd like to provide the proposal as follows:

1) TLS device is a motor driven worm gear system, and is located at boom tip as actuators for skew control of spreader.
2) Anti-Snag system is a hydraulic system, and is to be installed at girder rear end.
3) Rope tensioning system also is hydraulic system, which is integrated with anti-snag system, or is an independent system on the waterside shoulder beam.

Please kindly confirm if this proposal is preferred. If not, we can install mechanical T/L/S system at boom tip, and mechanical anti-snag system can be provided for the main hoist in the machinery house. Or, the T/L/S system is integrated with anti-snag system, which is hydraulic system and located at girder rear end. Proof load testing according to the CE machines standard (1.1% of SWL for a dynamic test and 1.25% for a static test).

Answer

We would prefer hydraulic system however, it would be interesting to have the prices for mechanical system as an option in your proposal.

Question 9

Regarding section 20 List of authorized Suppliers – Instrumentation – Limit Switches.

We suggest adding MATSUSHIMA as one of the options.

Answer

As described in the Tender.

Question 10

Regarding section 20 List of authorized Suppliers – Instrumentation – Limit Switches.

We suggest adding MATSUSHIMA as one of the options.

Answer

As described in the Tender.

Question 11

Regarding section 20 List of authorized Suppliers – Instrumentation – Proximity Limit Switches.

We suggest adding B+F as one of the options.

Answer

As described in the Tender.

Question 12

Regarding section 20 List of authorized Suppliers – Electrical Systems and Components – Control cables.

We suggest adding JIANGSU SHANGSHANG, which is a famous Brand in China.

Answer

As described in the Tender.

Question 13

Regarding sections 10.2 Trolley Cable Chain and 10.3 Trolley Cable Festoon System 1.2.1 Scope of Tender Please clarify whether choose Cable Chain or Festoon Cable.

Answer

We would prefer cable chains but you can propose both.

Question 14

Regarding section 10.8.5 Air obstruction light.

"The obstruction lights shall be equipped with a failure warning system with visible alarms on the CMS".

We suggest to cancel the obstruction lights failure warning system.

Answer

As described in the Tender.

Procurement Department