

REPLY TO QUERIES RAISED BY INTENDED APPLICANTS FOR SETTING UP OF FLOATING CRANE FACILITIES FOR HANDLING DRY BULK AND BREAK BULK CARGO AT SAUGOR ANCHORAGE & OTHER DEEP DRAFTED POINTS OF KOLKATA PORT TRUST (RFQ Reference No. Ad/0038/Floating Crane/8170 dt. 28.11.2015)

SL. No.	Clause RFQ	Clarification sought/ Queries	Clarification furnished by KoPT
1.	2.1(ii)	We need equipments for Trimming of cargo inside hatches. Request if the use of such equipments are allowed by HDC.	Deployment of one pay loader of 3 cbm has been included in the Tender scope. Please see the amended clause 2.5 at Appendix- II.
2.	2.5	It should be mandatory to keep a tug for berthing/un-berthing / shifting Request to incorporate.	Provision of Tug assistance for berthing/un-berthing / shifting is included in the Tender scope. Please see the amended clause 2.5 at Appendix- II.
3.	2.17	To prevent damage to Vessel / Barge/ Floating Crane, KoPT- HDC should enforce the use of adequate fenders by the Mother Vessel as well as Barges in addition to fenders available with Floating crane.	Provision of Pneumatic Fenders with Floating crane is included in the Tender scope. Please see the amended clause 2.5 at Appendix- II.
4.	2.21	a) % Repair Time+ as Free Time should be allowed in case the damage is caused during transfer operation under clause 2.21	Please see the amended clause 2.21 at Appendix- II.
5.	2.21(ii)	We require minimum 3 (three) days time	Please see the amended clause 2.21 (ii) at Appendix-

		for the first two years. After completion of two years onwards of operation we require 5 days per month for preventive maintenance.	II.
6.	2.30	For partial open sea lighterage condition minimum transfer rate of 8000 MT on PWWDSHINC should be considered.	Minimum transfer rate of 8000 MT on PWWDSHINC has been considered as suggested. Please see the amended clause 2.30 at Appendix- II.
7.	2.31	Request to exclude below mentioned points from CTT:- a. Time taken for Placement, un-placement and hatch opening for intermediate barges alongside the Floating Crane. b. Time taken for Placement and un-placement+ of equipments inside the hatches of the mother vessel.	Acceded to. Please see the amended clause 2.31 at Appendix- II.
8.	2.32	If dispute arises in SOF timings between Mother vessel / Barge / Floating crane, the Licensees (Floating Cranes) timing be considered as accepted.	This is to be resolved between mother vessel and the Licensee and therefore this request is not acceded to.
9.	2.33 (i)	Time period of 6 month from the date of award of LOA should be revised to	Acceded to. Please see the amended clause 2.33(i) at Appendix- II.

		9 Months.	
10.	General	Expected volume of Cargo available for Floating Crane.	This is to be ascertained by the intending tenderer.
11.	2.32	Request if Port Authority can be witness for SOF.	Not acceded to.
12.	2.5	<p>From our experience at Gujrat Ports where Essar Operates Floating Cranes, we can say that a Self Propelled Floating Crane does not at all manouvre well, especially in high tide and high current conditions. Invariably it needs Tug assistance to move it between ships (Mother Vessels) and to position it alongside ships and to tow it back to shore if needed. In fact all the floating Crane that operate in Gujarat (please note ops condition , sea, tide etc are similar as in Hoogly river) are dumb Brage type and assisted by a Tug at all times This is for the reason of safety in manouevring the FC. A self propelled floating crane is only good in protected waters such as i within breakwaters of a Port (as was used in Chennai / Vizag / Kolkata Ports) and absolutely ineffective in open sea / anchorage operations.</p> <p>We, therefore request HDC that self propelled Floating crane be changed to a Tug assisted Floating Crane in the RFQ.</p>	<p>A dumb barge with crane mounted on the same may be used as floating crane. Besides, a tug (50 ton bollard pull) will also be required to be deployed by the licensee.</p> <p>Please see the amended clause 2.5 at Appendix- II.</p>

13.	General	What is the type of cargo expected to be lightered with the proposed Floating Crane?	Mainly Bulk cargo like various category of coal and occasionally break bulk cargo as well.
14.	General	What is the expected Volume of Cargo to be lightered with the proposed Floating Crane?	This is to be assessed by the tenderers. However considering minimum productivity level of 8000 tons per day, the licensee will have to create the floating crane facility of optimal annual cargo handling capacity of about 2.02 million tons.
15.	2.33	A deployment schedule of 6 months for a New Floating Crane is not possible. This may please be increased to 12 Months.	Please see the amended clause 2.33 at Appendix- II in this regard.
16.	2.21	Permitted maintenance period of 1 day per month may be increased to at least to 2days per month especially if the Floating crane has to remain offshore for long periods.	Please see the clarification at SI No. 5.
17.	2.5	Whether its is self propelled Bare/ Dumb barge with Crane mounted on the deck, a tug is required for placing the floating crane along side the mother vessel considering the tide and current in the Haldia River for safe operations. We feel without the help of Tug, berthing the floating crane along side the mother vessel could be an unsafe operation and could result in damaging both mother vessel and floating crane. Hence, it should be mandatory to keep a tug for berthing / unberthing / shifting i.e. all	Please see the clarifications under SI. No. 12.

		alongside operation of floating crane to mother vessel.	
18.	2.17	In order to prevent damage to vessel/ Barge/ Floating Crane, we request KoPT-HDC to enforce that the mother vessel and the lighter barges are adequately fendered in addition to the fendering available on the Floating Crane.	Please see the clarifications under Sl. No. 3.
19.	2.21 (ii)	In addition to the permitted downtime one day in a month permitted to the licensee for preventive maintenance of the crane is not sufficient to carry out all maintenance. We require minimum three days times for the 1 st two years. After completion of two years onward of operation we require 5 days per month for preventive maintenance.	Please see the clarifications under Sl. No. 5.
20.	2.30	The minimum transfer rate of 9400 MT PWWDSHINC for dry bulk cargo mentioned is on the higher side for partial open sea lighterage condition. This should be reduced to minimum transfer rate of 8000 MT on PWWDSHINC.	Please see the clarifications under Sl. No. 6.
21.	2.31	Cargo transfer time : a. Placement, unplacement and hatch opening time+ for intermediate barges	Please see the clarifications under Sl. No. 7.

		<p>alongside the floating crane.</p> <p>b. Placement and unplacement time+ of equipment (excavator etc.) inside the hatches of the mother vessel shall be excluded from the CTT.</p>	
22.	2.32	<p>Should there be dispute in SOF timings between mother vessel/ barge/ floating crane, the licensee (floating cranes) timing be considered as accepted. This is due to the fact that SOF timing shall affect CTR (Cargo Transfer Rate) and the licensee shall be penalized for non achievement of CTR (Cargo Transfer Rate).</p>	Please see the clarifications under Sl. No. 8.
23.	2.33	<p>Time period of 6 month from the date of award of LOA is very short and 9 months in lieu of 6 months should be allowed.</p>	Please see the clarifications under Sl. No 15.
24.	5.4.1	<p>Deletion of Clause no 5.4.1(iii) in entirety and continue with clauses 5.4.1 (i) & (ii) .This clause requires engagement of experienced O&M Operator in case the successful bidder does not have prior O&M experience of Floating crane.</p>	Not acceded to.
25.	2.5	<p>Self Propelled Floating crane be changed to a Tug assisted Floating crane in the RFQ.</p>	Acceded to. Please see the amended clause 2.5 at Appendix- II.
26.	2.33	<p>Deployment schedule of 6 Months for a new floating crane is not possible. This may please be increased to 12 months.</p>	Please see the amended clause 2.33 at Appendix- II in this regard.

ADDENDUM /CORRIGENDUM

APPENDIX-II

Sl. No.	Clause RFQ	Existing Clauses in RFQ				Amended Clauses in RFQ			
1.	2.5	The licensee shall supply, install and commission the following minimum number of equipment/craft.				The licensee shall supply, install and commission the following minimum number of equipment/craft.			
		Equip ment	Number to be deployed including specification	Primary operations to be performed	Other details	Equip ment	Number to be deployed including specification	Primary operations to be performed	Other details
		Floati ng crane	Self propelled barge with a crane mounted on the deck of minimum 35 Mt SWL (safe Working Load) with 36 m outreach, capable for handling vessels up to 32.2 m beam.	Transfer of cargo between the (i) sea going vessels, (ii) sea going vessels and sea going barges and (ii) sea going vessels and non sea going barges	The floating cranes comprising the crane, self propelled Pontoon/barges and other associated facilities shall be new.	Floating crane	A dumb barge with a crane mounted on the deck of minimum 35 Mt SWL (safe Working Load) with 36 m outreach, capable for handling vessels up to 32.2 m beam.	Transfer of cargo between the (i) sea going vessels, (ii) sea going barges and (ii) sea going vessels and non sea going barges	The floating cranes comprising the crane, self propelled Pontoon/barges and other associated facilities shall be new.
						Grabs	25 cbm . 2 nos.	For facilitating cargo handling operation	New Grabs to be fitted.
						Launch	1 No.	for transportation of man & material from work location to shore & back	The launch may be old but shall have all required certificates issued by the competent authority for to & fro movement in the open sea conditions within the limits of KoPT.
						Tug	1 of 50 ton Bollard Pull	For Berthing / unberthing of the Floating Crane alongside/from	

		Grabs	25 cbm . 2 nos.	For facilitating cargo handling operation	New Grabs to be fitted.			the vessels/barges together with shifting of the same..	
		Launch	1 No.	for transportation of man & material from work location to shore & back	The launch may be old but shall have all required certificates issued by the competent authority for to & fro movement in the open sea conditions within the limits of KoPT.	Front end loader	3 cbm bucket capacity	To be utilized inside the hatches for aggregation/trimming of cargo during cargo transfer operation.	
						floating Fenders	3 nos	To be utilized between the floating crane and the vessel/barges for berthing/unberthing .	
2.	2.17	The Licensee will be responsible for the damage caused to the vessels / barges during cargo transfer operations by the Floating Crane arrangement for reasons attributable to the Licensee which, if occurred and claims raised, will have to be settled directly between the vessel / barge owner and the Licensee.				The Licensee will be responsible for the damage caused to the vessels / barges during cargo transfer operations by the Floating Crane arrangement for reasons attributable to the Licensee which, if occurred and claims raised, will have to be settled directly between the vessel / barge owner and the Licensee. In this respect adequate number of floating (Pneumatic) fenders will be used by the licensee in addition to fenders available with it.			
3.	2.21	(ii) The Licensee is free to undertake preventive maintenance of the Floating Crane and other equipment when there is no requirement or				The Licensee is free to undertake preventive maintenance of the Floating Crane and other equipment when there is no requirement or during his permitted down time. In addition to that, 2 (Two) days in a month shall be permitted to the			

		during his permitted down time. In addition to that, one day in a month shall be permitted to the Licensee for preventive maintenance of the crane in consultation with the authorized person of KoPT. After completion of 2 years and onwards of operation, 2 days per month shall be permitted for preventive maintenance of the crane in consultation with the authorized person of KoPT.	Licensee for preventive maintenance of the crane in consultation with the authorized person of KoPT. After completion of 2 years and onwards of operation, 3 (Three) days per month shall be permitted for preventive maintenance of the crane in consultation with the authorized person of KoPT. In the event of any damages caused to the Floating crane during the cargo transfer operation for reasons not attributable to the Licensee , the licensing authority will allow additional time as may be required for under taking the repairing in addition to the normal downtime and preventive maintenance time .
4.	2.30	<p>Cargo Transfer Rate:</p> <p>Transfer the dry bulk Cargo between the mother vessel and barges/daughter vessels shall be at a minimum transfer rate of 9400 ton on PWWDSHINC basis at the Transfer Point while the transfer rate for other cargo shall be at a minimum transfer rate of 5000 ton on PWWDSHINC. The method of calculating the transfer rate actually achieved is provided herein below:-</p> <p>Total cargo transferred between mother vessel and the barges / daughter vessels x 24</p> <p>-----</p> <p>Cargo Transfer Time (in hours)</p>	<p>Cargo Transfer Rate:</p> <p>Transfer the dry bulk Cargo between the mother vessel and barges/daughter vessels shall be at a minimum transfer rate of 8000 ton on PWWDSHINC basis at the Transfer Point while the transfer rate for other cargo shall be at a minimum transfer rate of 4266 ton on PWWDSHINC. The method of calculating the transfer rate actually achieved is provided herein below:-</p> <p>Total cargo transferred between mother vessel and the barges / daughter vessels x 24</p> <p>-----</p> <p>Cargo Transfer Time (in hours)</p>
5.	2.31	NEW CLAUSE	h) In the event of non operation of the Floating crane such as due to shifting from one hatch to other hatch, lifting of Front end loader inside the hatches or for other reasons not attributable to the Licensee as per SOF, the time lost shall not be counted in the CTT. .

6.	2.33.	<p>(i) Time frame for setting up of Floating crane Facilities</p> <p>Within a period of 6 (six) months from the date of awarding LoA for creation of Floating Crane Facilities by KoPT.</p>	<p>(i) Time frame for setting up of Floating crane Facilities</p> <p>Within a period of 9 (nine) months from the date of awarding LoA for creation of Floating Crane Facilities by KoPT.</p>