

Clarifications & comments of HDC, KoPT.

Queries/Observations/Suggestions/Requests for clarification of the prospective bidders and **clarifications/comments of HDC, KoPT** with respect to **Pre-bid Techno-commercial Conference held on 5th March, 2019.**

Subject:

Tender No. **SDM(P&E)/T/35/2018-2019** [e-Tender No. **KoPT/Haldia Dock Complex/P&E Div/36/18-19/ET/378**] for "Design, manufacture, supply, installation, testing, commissioning & guaranteeing the performance of **1 (one) no. Rail Mounted Quay Crane (RMQC), 40 T lifting capacity under Spreader at 40 m outreach**, at General Cargo Berth, Haldia Dock Complex, Kolkata Port Trust, Dist.: Purba Medinipur, West Bengal, India."

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1)	5.1.1.2	97	The Contractor shall make suitable provision on the Jetty to provide suitable anchoring system for tying down the RMQC during cyclonic/nor'wester condition prevalent in Haldia.	Necessary anchor devices would be provided on the crane. Haldia Dock Complex should prepare the anchor pit including related civil works on the terminal.	Agreed, HDC provide anchor pit including related civil works on the terminal.
2)	5.10	161	6. Lift of Personnel : ALIMAK / CHARNOCK	Is manufacturer's standard brand acceptable? We propose Shenyang Lift or equivalent brand in China.	Accepted, Shenyang Lift which should be OEM recommended.
3)	5.10	161	7. Operator Cabin : MERFORD / BRIEDA	Is manufacturer's standard brand acceptable? We propose Yager or equivalent brand in China.	Accepted, Yager should be OEM recommended.

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4)	6.69.3	211	During this period, the Contractor shall nominate 1 (one) competent, experienced and responsible technical person, to co-ordinate and execute all works to be attended by the Contractor, as per contractual obligations, without any extra cost to HDC, KoPT.	Please clarify this Period means Defect Liability Period of RMQC (24 months) or Defect Liability Period of Steel structures and painting (60 months); The technical person is standby or must be available all time at site.	Tender Conditions prevails.
5)	6.73.9	221	<u>Income Tax deduction</u> : Income Tax, if any, as per the relevant provision of the Income Tax Act, shall be deducted at source from amount payable to the Contractor.	For foreign bidders, normally the income tax is not applicable. Please clarify.	As per present provision, Income Tax is deductible (TDS) at the rates prescribed under Section-195 of the Income Tax Act or under the relevant Double Taxation Avoidance Agreement (DTAA) whichever is more beneficial for non-resident companies on the amount payable towards Technical Services (not on the value of the supply items). However, no TDS is made if the Payee covered under DTAA submits (1) Resident Certificate issued by an appropriate authority of the country and (2) declaration that they do not have permanent establishment in India.
6)	5.2.2.2	99	Design Standards 5.2.2.2 Indian Standards and code of practice: a) Indian Factories Act b) Indian Electricity Rules c) Indian Electricity Act d) Dock Workers (Safety, Health & Welfare) Act, 1986	Design Standards : Applicable Standards DIN EN, IEC, VDE	Agreed and equivalent Indian Standards and code of practice are applicable.
7)	5.2.6.1	101	a) In the design and construction of the RMQC, all normal safety provisions shall be observed. It shall be the responsibility of the Contractor to ensure that the RMQC satisfies, in every respect, the statutory requirements of	Indian Electricity Rules : will be fully substituted by DIN EN, IEC, VDE	Agreed and equivalent Indian Standards and code of practice are applicable.

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			the following: <ul style="list-style-type: none"> - Indian Factories Act - Indian Electricity Rules - Indian Electricity Act - Dock Workers (Safety, Health & Welfare) Act, 1986 		
8)	5.2.6.8	103	<u>SAFETY DEVICES</u> : C. Rotary type Geared Limit Switches for maximum position of main hoisting.	Rotary Geared Limit Switch : Not necessary. All Positions and Limit switches are implemented in safety-absolut-Encoder.	Advance Technology of OEM proven design accepted.
9)	5.2.6.8	104	<u>SAFETY DEVICES</u> : T. Over tension limit for the Spreader Cable, to trip the hoisting/lowering operation, when over tension comes to Spreader Cable.	Over Tension Spreader cable : Is not implemented. There is a basket mounted on the headblock.	Advance Technology of OEM proven design accepted.
10)	5.2.6.8	104	<u>SAFETY DEVICES</u> : U. Anti-collision Devices shall be provided to prevent collision of RMQC to RMQC, between RMQC Boom and Ship as well as between a Container being moved by the Trolley and any obstacle in the traverse trajectory of such moving Container.	Anti-collision : Crane to crane anticollision is included. Boom to ship and Trolley to any obstacle anti collision is not included. The boom to ship protection system is integrated, not the trolley to any obstacle.	OEM proven design accepted.
11)	5.2.6.8	104	<u>SAFETY DEVICES</u> : X. It will be possible to control all operations from local control at reduced speed. One (1) Pendant Control Station shall be provided for the said purpose, which can be operated, through Radio Frequency, from a suitable safe distance from the RMQC.	Local Operation stations : Additional local control-stations are installed in M-house for Hoist –operation and checker-house or ground station to control gantry-operation with reduce speed. Radio-controlled station is available on request.	Local station for all the drives are to be provided.
12)	5.2.6.10	105	<u>INTER LOCKS</u> : B. Long Travel Drive with Anti-skewing Device.	Anti-skewing Device : Not necessary for this kind of crane. Not integrated.	OEM proven design accepted.

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13)	5.2.6.12	105 & 106	<p><u>SNAG LOAD PROTECTION SYSTEM:</u></p> <p>All Hoist Ropes shall be connected through Snag Load Protection System. This protection system shall be hydraulically operated or spring type or any other improved mechanism. Due to any reason, if Hoist Rope gets stuck up anywhere, this system shall be avoiding snapping of Ropes.</p>	<p>Snag Load :</p> <p>It is not integrated, but possible as option.</p>	Required to provide snag load protection system or equivalent device.
14)	5.3.3.8	117	<p>A) Three(3) anti-collision systems are required –1 (one) to prevent collisions between RMQCs, 1 (one) to prevent collisions between the RMQC Boom and the Ship and 1 (one) to prevent collision between a Container being moved by the Trolley and any obstacle in the traverse trajectory of such moving Container [i.e., Load Collision Prevention System]. Each system shall be designed to automatically prevent damage, in the event that the RMQC is travelling into a possible collision situation.</p>	<p>Anti-collision :</p> <p>Crane to crane anticollision is included. Boom to ship and Trolley to any obstacle anti collision is not included.</p> <p>The boom to ship protection system is integrated, not the trolley to any obstacle.</p>	OEM proven design accepted.
15)	5.3.3.9	117	<p><u>ANTISWAY SYSTEM:</u></p> <p>The RMQC shall be fitted with proven Electronic closed loopsway control system, which prevents sway of the load from the beginning. The system shall be capable of damping sway of the Spreader, with rated load, at a Spreader height 10 metres above ground and bringing to a stop within 50 mm displacement, in less than 5 (five) seconds, after the Trolley operating speed is reduced from full design speed to half of full speed.</p>	Obtainable on extra order.	OEM proven design accepted.
16)	5.5.1	129	<p><u>SCOPE OF ELECTRICAL WORKS:</u></p> <p>The Contract includes the provision of all Electrical systems, equipment, controls, materials, works and things of all kinds, as</p>	<p>Scope of Electrical Works:</p> <p>A diesel-generator will not be delivered.</p> <p>A shore power socket with 400V AC/</p>	Tender Conditions prevails.

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			<p>necessary for efficient completion, safe operation and minimal maintenance.</p> <p>A Low Power Auxiliary Emergency Unit for operation of Main Hoist, Boom Hoist and Trolley Travel, with manual coupling/decoupling arrangement, is to be provided, at slow speed, for raising or lowering the Spreader (when the Spreader is down in the Ship's cell and required to be raised out) or the Boom, one at a time, in case of non-functioning of any of the above systems, due to Power failure. This unit should also be capable for operation of Gantry Travel, at slow speed, in case of non-functioning of the said system, due to Power failure. One (1) number Diesel Generator, of suitable capacity, is to be provided for the above emergency operations of the RMQC. This Diesel Generator should be equipped with a Rubber Tyre-mounted Undercarriage to move it as per requirement. The said D.G Set will be connected by a Plug and Socket with the Emergency Drive Unit, close to the base of the RMQC.</p>	<p>63A would be delivered.</p> <p>An emergency-motor for boom operation with slow speed is implemented.</p> <p>A low power auxiliary emergency unit for main hoist and Trolley travel will not be provided.</p>	
17)	5.5.2.7	131	Capacitor Banks are to be provided for both power factor and harmonic improvement.	Capacitor Banks : Specifications defines full backfeed so that capacitors are not necessary.	Tender Conditions prevails. To minimize harmonics and power factor.
18)	5.5.3.1	131	<p><u>Electrical service conditions:</u></p> <p>Service conditions of Power supply shall be of 3.3 kV, 3-phase, 50 HZ, from the nearby existing 3.3 kV Sub-station.</p> <p>Line Voltage variation : $\pm 10\%$</p> <p>Line Frequency variation: $\pm 3\%$</p>	Main Power : A HV-Transformer with tap-changer $\pm 2.5\%$ and $\pm 5\%$ (see also 5.5.5.2) will be delivered. Full functionality of equipment in case of too high voltage and line frequency variations will not be confirmed.	Agreed.

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19)	5.5.5.2	132	<u>Power Transformer</u> : 3-phase, 3.3 kV / 433 V, 50 Hz \pm 3%.	Power Transformer : Transformer secondary voltage is 400VAC / 50 Hz	Agreed.
20)	5.5.5.3	133	Low Voltage Switchgear metal enclosed as follows: a) Rating: 415 Volt, 3-phase, 4-wire, 50-cycle. b) Enclosure: Free standing, general purpose.	LV Switchgear : LV-switchgear: 400VAC Control Voltage: 230V, 50Hz; 24VDC	Agreed.
21)	5.5.6.8	134	For identification, all Wire terminations to be provided with numbers of their Junction Box and Panel numbers.	Identification : All wires will provide with terminal-numbers, cable will provide with cable-numbers.	Agreed.
22)	5.5.9.2	136	The Voltage rating of all AC Motors should be 415 V, 50 Hz.	Motor Voltage : The voltage rating of all motors is 400VAC.	OEM proven design accepted.
23)	5.5.9.4	136	The Motors for Main Hoist, Trolley, Boom Hoist and Gantry should be provided with IP55 degree of protection for operation with VVVF Drives. All other Motors, if installed in areas exposed to the atmosphere, shall not be less than IP55 protection.	Motor Protection : Main Hoist Motors and Boom-Hoist-Motor are mounted in machinery houses and will provide with IP23. Trolley- and gantry-motors have minimum IP55.	All motors are IP 55 protection.
24)	5.5.10.3	139	Schematic Power Supply Arrangement For Drives.	See single line.	Tender Conditions prevails.
25)	5.5.11.2	141 & 142	The following instruments shall be provided, in a weather-proof Panel with glass window, inside the Electrical House: A) Non-resettable Electro-mechanical Hour Meters, with at least 7 (seven) digits display, to log the operating	Instruments : Hour meter, crane-switch-counter, etc. are implemented in the Crane Monitoring System (CMS). Electro-mechanical meters are available on request.	OEM proven design accepted.

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			<p>hours of the following components:</p> <ul style="list-style-type: none"> i) Main Hoist Motor ii) Trolley Travel Motor iii) Boom Hoist Motor iv) Gantry Travel Motor v) Crane operating hour. <p>B) A non-resettable 7 (seven) digit Electro-mechanical Counter to register the number of Containers handled.</p> <p>C) The following instruments shall be provided on the doors of controls cubicles inside the Electric Control Room:</p> <ul style="list-style-type: none"> i) Volt, Current & Frequency Meters to monitor incoming Power supply as well as the input Electrical supply for Hoist, Trolley/Boom and Gantry System. ii) Kilowatt-hour Meter to measure the energy consumption of the RMQC. iii) Maximum Demand Meter. 		
26)	5.5.15	143	Electrical Supply Outlets.	Sockets and lights would be delivered according to electrical-specification of the contractor.	OEM proven design accepted.
27)	5.5.16	144	Lighting		
28)	5.5.17.1	145	The RMQC shall be equipped with Fail Safe PLC System, with Fail Safe Digital Inputs and Outputs for all operational Inputs and Outputs. Such Fail Safe PLC system shall have Cold Standby CPU also.	<p>Fail Safe PLC :</p> <p>A fail safe PLC is used for all relevant safety related digital input/output signals.</p>	OEM proven design accepted.

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29)	5.5.17.6	146	a) Information shall be categorised into per vessel, per shift, per day and per month. Utilization of Main Hoist Motors, Trolley Motor, Gantry Travel Motors and Boom Hoist Motor shall be captured online and be available whenever required.	Crane Production Data : Information are available on request.	Tender Conditions prevails.
30)	5.5.18.1)	146	Computer aided operations system shall be incorporated in the design to enable the Operator to perform semi-automatic Hoist Trolley operation in a safe manner. The basic control of the RMQC shall be designed in such a way that the system is not totally dependent on the Electronic/ Computer gadgets and manual operation, bypassing Electronic/ Computer aided system can be resorted to, without hampering the safety of the RMQC operation.	In case of Problems with the boom hoist / Main hoist / trolley or gantry drive mechanism it should be possible to drive the different mechanism during bypassing to an additional switch board on the corresponding drive system or nearby. This is integrated in our RMQC.	OEM proven design accepted
31)	5.5.18.2)	146	The semi-automatic system shall allow the Operator to locate the Spreader onto a Container, hoist it to a pre-set height and then choose the auto-motion. Hoist-trolley cycle will be carried out automatically to pre-set parameters. Final lowering of the Spreader and un-locking of the Twist Locks shall be carried out by the Operator. At any time, the Operator shall be able to manually take over the operations and the system shall respond to his actions.	The semi-automatic system shall allow the Operator to locate the Spreader onto a Container, hoist it to a preset height and then choose the auto-motion. Hoist-trolley cycle will be carried out automatically to preset parameters. Final lowering of the Spreader and un-locking of the Twist Locks shall be carried out by the Operator. This function is also integrated.	OEM proven design accepted
32)	5.5.18.3)	147	<u>Chassis Positioning System</u> : The RMQC shall be provided with suitable system to assist the Tractor/ Trailer drivers to position Containers on the RMQC centreline. Accuracy shall be +/- 0.3 m. It shall not be necessary to move the RMQC to locate the Spreader on top of a Container. This system shall be for single lane	This function it is not integrated and we must remain it as deviation.	OEM proven design accepted

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			and 2 (two) way movement of Tractor/Trailer.		
33)	5.5.18.4)	147	At least 3 (three) sets of all Software programs, installed on the RMQC, shall be given to the Employer, together with all necessary hardware and literature, which will allow alterations to be made in the programme by the Employer/Engineer.	Is integrated.	OEM proven design accepted
34)	5.5.19	147	<u>Standards:</u> Manufacture and installation of all Electrical equipment shall conform to applicable Electricity Rules and minimum requirements of the following Indian Standards. Equivalent International Standards (e.g. FEM/BS/JIS/DIN/IEC, etc.), approved by classification societies, are also applicable.	Applicable electrical standards DIN EN, IEC, VDE	Agreed and equivalent Indian Standards and code of practice are applicable.
35)	5.10	161	<u>List of Manufacturer:</u> A.2. Spreader Cable Reel Unit	Spreader Cable Reel Unit : Spreader-basket-cable would be installed.	Tender Conditions prevails.
36)	5.10	161	<u>List of Manufacturer:</u> B.2. MOTORS FOR MAIN HOIST, BOOM HOIST & TROLLEY; ALL RECTIFIERS; ALL CONTROL SYSTEMS (DRIVES); ALL AUTOMATION MODULES AND RMQC PLC : ABB / SIEMENS	Motors : ABB / SIEMENS/LDW/Wolfer or equal	LDW, Wolfer, Fuji make motors are also accepted.
37)	5.10	161	<u>List of Manufacturer:</u> B.4. SPREADER PLC : ABB / SIEMENS	Type defined by spreader provider.	Tender Conditions prevails.

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38)	6.21	181 to 183	<p>6.21.1.1 <u>Performance Guarantee/ Security Deposit w.r.t the RMQC</u></p> <p>Within 28 (twenty-eight) days of issuance of "Letter of Acceptance (LOA)", the Contractor shall have to provide an irrevocable and unconditional Bank Guarantee, from a Nationalized Bank/Scheduled Bank in India, in the amount, 10% of the contract value [as defined at GCC Clause No. 6.1.4 a)].</p> <p>This Performance Bank Guarantee should be kept valid and enforceable till a date, covering at least 3 (three) months beyond the date of expiry of the Defect Liability Period of the RMQC.</p> <p>6.21.1.2 <u>Performance Guarantee/Security Deposit with respect to Steel structures and painting (including anti-corrosion application, if any) of the RMQC</u></p> <p>At least 28 (twenty-eight) days before the scheduled expiry of the Defect Liability Period of the RMQC or any extension thereof, the Contractor shall have to provide an irrevocable and unconditional Bank Guarantee, from a Nationalized Bank/Scheduled Bank in India, in the amount, 5% of the contract value [as defined at GCC Clause No. 6.1.4 a)].</p> <p>This Performance Bank Guarantee should be kept valid and enforceable till a date, covering at least 3 (three) months beyond the date of expiry of the Defect Liability Period of Steel structures and painting (including anti-corrosion application, if any) of the RMQC.</p>	<p>To reduce the Performance Guarantee/ Security Deposit from 10% to 5% three months after successful Hand Over date, the Performance Guarantee/ Security Deposit will have a validity of at least 3 months after expiry of the 24 months Defect Liability Period.</p> <p>6.21.1.2 to be deleted.</p>	Tender Conditions prevails.
39)	6.23.1	185	<p>Assignment and sub-contracting :</p> <p>The Contractor shall not, directly or indirectly, transfer, assign, sublet or sub-contract the</p>	The manufacture of the steel structure and the assembly of RMQC will be effected with cooperation partner in	Agreed.

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			<p>whole of the work.</p> <p>Unless otherwise stated in the contract, the Contractor shall not, directly or indirectly, transfer, assign, sublet or sub-contract any part of the work without prior consent of the Engineer.</p>	Vietnam, like Lilemar 18.	
40)	6.67	209	<p>Completion Period:</p> <p>All the jobs, as per contract (as detailed below), are to be completed within 12 (twelve) months from the date of award of contract.</p>	Completion period of 14 (fourteen) months from the date of signing the Contract Agreement, which includes one week of custom clearance (responsibility of KoPT).	<p>Completion Period:</p> <p>All the jobs, as per contract (as detailed below), are to be completed within 14 (fourteen) months from the date of award of contract.</p>
41)	6.69.2	210	<p>Defect Liability Period (DPL):</p> <p>“Defect Liability Period” of the Steel structures and painting (including anti-corrosion application, if any) of the RMQC shall mean the Guarantee Period, which starts from the date of taking over the RMQC [as per GCC Clause No. 6.68 (Taking over of the RMQC by KoPT)] and will continue till expiry of 60 (sixty) months, calculated from the date of taking over the RMQC</p>	To limit the Defect Liability Period for Steel structures and painting (including anti-corrosion application, if any) to 24 months after Taking over of the RMQC by KoPT.	Tender Conditions prevails.
42)	6.71.2	213 & 214	<p>Liquidated Damages:</p> <p>In case of handing over the RMQC after the scheduled completion period, Liquidated Damage @ ½% of the price of Design, Manufacture, Supply, Installation, Testing & Commissioning of the RMQC [i.e. the price against Price Schedule Sl. Nos. 1 & 2] for every week or part thereof, beyond the scheduled date of completion, will be deducted from the Contractor's bill. Provided always the amount of such compensation shall</p>	Maximum compensation of 5% of the relevant contract price.	Tender Conditions prevails.

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			not exceed 10% of the cost of Design, Manufacture, Supply, Erection, Testing & Commissioning of the RMQC [i.e. the price against Price Schedule Sl. Nos. 1 & 2].		
43)	6.73.3	215 to 217	<p>Terms payment:</p> <p>6.73.3.1 <u>Against Price Schedule Sl. No. 1:</u></p> <p>i) Payment for 10% amount will be made, upon submission of Design Appraisal Certificate (as per GCC Clause No. 6.53.6) issued by the Third Party Inspection Agency, along with General Arrangement (GA) Drawing of RMQC duly appraised by the Third Party Inspection Agency.</p> <p>ii) Payment for 60% amount will be made – against receipt of the RMQC, at the designated Berth site, in good condition (duly certified by Marine Insurance Company), verification & certification of the same by the Engineer (supported by Third Party Inspection Certificate) and production of necessary Insurance document(s) by the Contractor [if the RMQC is shipped in assembled condition to HDC, KoPT]</p> <p style="text-align: center;">Or,</p> <p>against installation/ erection of the RMQC at the designated Berth site, verification & certification of the same</p>	<p>10% down payment within 30 days after signing Contract Agreement against Contractor's invoice and BG of equal amount which shall be valid until unloading at the designated berth site.</p> <p>60% on shipment against Contractor's invoice and B/L stating 'shipment on deck allowed and wet before shipment' and transport insurance certificate of 110% of the value of the goods.</p> <p>20% on successful unloading at the designated berth site against Contractor's invoice and on verification and certification by the Engineer, supported by Third party Inspection Certificate.</p> <p>10% on fulfillment of completion of all jobs as per the contract duly certified by the Engineer.</p> <p>Payment shall be effected out of L/C, opened by SBI. Shipment shall be effected on CIF unloaded Haldia basis.</p>	<p>Terms payment:</p> <p>6.73.3.1 <u>Against Price Schedule Sl. No. 1</u></p> <p>For Foreign Bidder (CIF Mode) :</p> <p>i) 10% advance payment within 30 days after signing Contract Agreement against Contractor's invoice and Bank Guarantee (BG) of equal amount which shall be valid till installation/ erection at the designated berth site (or)</p> <p>Payment for 10% amount will be made, upon submission of Design Appraisal Certificate (as per GCC Clause No. 6.53.6) issued by the Third Party Inspection Agency, along with General Arrangement (GA) Drawing of RMQC duly appraised by the Third Party Inspection Agency.</p> <p>ii) Payment for 60% amount will be made on Shipment against the contractor's Invoice & B/L and also submit Transport Insurance Certificate of 110% value of the goods as per contract. The Insurance coverage should be in favour of HDC.</p>

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			<p>by the Engineer (supported by Third Party Inspection Certificate) and production of necessary Insurance document(s) by the Contractor [if the RMQC is assembled and erected at HDC's premises], payment for 60% amount will be made as per following :-</p> <p>a) 36% amount against complete supply of primary structures and secondary structures as per Annexure- 'AA'</p> <p>b) 12% amount against complete supply of major bought out supply items as per Annexure- 'AA' and</p> <p>c) 12% amount against complete supply of electrical items as per Annexure- 'AA'.</p> <p>iii) Payment for 20% amount will be made, after successful completion of installation, testing & commissioning and taking over (as per GCC Clause No. 6.68) of the RMQC.</p> <p>iv) Payment for 10% amount will be made after completion of all jobs as per contract and on verification of performance of the RMQC, duly certified by the Engineer, in regard to successful loading/unloading of 5,000 TEUs, or after expiry of 3 (three) months from the date of completion of all jobs [as per GCC Clause No. 6.67 (Completion period)], whichever is earlier.</p> <p>6.73.3.2 <u>Against Price Schedule Sl. No. 2:</u></p>		<p>iii) 20% payment will be made on successful unloading at designated berth site and testing & commissioning on verification, certification by the Engineer/ TPI Agency.</p> <p>iv) Payment for 10% amount will be made after completion of all jobs as per contract and on verification of performance of the RMQC, duly certified by the Engineer, in regard to successful loading/unloading of 5,000 TEUs, or after expiry of 3 (three) months from the date of completion of all jobs [as per GCC Clause No. 6.67 (Completion period)], whichever is earlier.</p> <p>For Indian Bidder :</p> <p>i) 10% advance payment within 30 days after signing Contract Agreement against Contractor's invoice and Bank Guarantee (BG) of equal amount which shall be valid till installation/erection at the designated berth site (or)</p> <p>Payment for 10% amount will be made, upon submission of Design Appraisal Certificate (as per GCC Clause No. 6.53.6) issued by the Third Party Inspection Agency, along with</p>

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			<p>i) Payment for 70% amount will be made after installation/erection of the RMQC at the designated Berth site and on verification and certification by the Engineer, supported by Third Party Inspection Certificate.</p> <p>ii) Payment for 20% amount will be made, after successful completion of installation, testing & commissioning and taking over (as per GCC Clause No. 6.68) of the RMQC.</p> <p>iii) Payment for 10% amount will be made after completion of all jobs as per contract and on verification of performance of the RMQC, duly certified by the Engineer, in regard to successful loading/unloading of 5,000 TEUs, or after expiry of 3 (three) months from the date of completion of all jobs [as per GCC Clause No. 6.67 (Completion period)], whichever is earlier.</p> <p>6.73.3.3 <u>Against Price Schedule Sl. No. 3:</u></p> <p>i) Payment for 70% amount will be made against landing of Spare Spreader at HDC's site and on verification & certification by the Engineer, supported by Third Party Inspection Certificate.</p> <p>ii) Payment for 20% amount will be made, after successful completion</p>		<p>General Arrangement (GA) Drawing of RMQC duly appraised by the Third Party Inspection Agency.</p> <p>ii) Payment for 60% amount will be made against installation/ erection of the RMQC at the designated Berth site, verification & certification of the same by the Engineer (supported by Third Party Inspection Certificate) and production of necessary Insurance document(s) by the Contractor [if the RMQC is assembled and erected at HDC's premises], payment for 60% amount will be made as per following :-</p> <p>a) 36% amount against complete supply of primary structures and secondary structures as per Annexure- 'AA'</p> <p>b) 12% amount against complete supply of major bought out supply items as per Annexure- 'AA' and</p> <p>c) 12% amount against complete supply of electrical items as per Annexure- 'AA'.</p> <p>iii) Payment for 20% amount will be made, after successful completion of installation, testing & commissioning and taking</p>

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			<p>of installation, testing & commissioning and taking over (as per GCC Clause No. 6.68) of the RMQC.</p> <p>iii) Payment for 10% amount will be made after completion of all jobs as per contract and on verification of performance of the RMQC, duly certified by the Engineer, in regard to successful loading/unloading of 5,000 TEUs, or after expiry of 3 (three) months from the date of completion of all jobs [as per GCC Clause No. 6.67 (Completion period)], whichever is earlier.</p>		<p>over (as per GCC Clause No. 6.68) of the RMQC.</p> <p>iv) Payment for 10% amount will be made after completion of all jobs as per contract and on verification of performance of the RMQC, duly certified by the Engineer, in regard to successful loading/unloading of 5,000 TEUs, or after expiry of 3 (three) months from the date of completion of all jobs [as per GCC Clause No. 6.67 (Completion period)], whichever is earlier.</p> <p>6.73.3.2 Against Price Schedule Sl. No. 2:</p> <p>i) Payment for 70% amount will be made after installation/ erection of the RMQC at the designated Berth site and on verification and certification by the Engineer, supported by Third Party Inspection Certificate.</p> <p>ii) Payment for 20% amount will be made, after successful completion of installation, testing & commissioning and taking over (as per GCC Clause No. 6.68) of the RMQC.</p> <p>iii) Payment for 10% amount will be made after completion of all</p>

Sl. No.	Clause No.	Page No.	Reference & requirement as per the bidding documents.	Queries/Observations/Suggestions/Requests for clarification	Clarifications/Comments of HDC, KoPT
					<p>jobs as per contract and on verification of performance of the RMQC, duly certified by the Engineer, in regard to successful loading/unloading of 5,000 TEUs, or after expiry of 3 (three) months from the date of completion of all jobs [as per GCC Clause No. 6.67 (Completion period)], whichever is earlier.</p> <p>6.73.3.3 Against Price Schedule <u>Sl. No. 3:</u></p> <p>i) Payment for 70% amount will be made against landing of Spare Spreader at HDC's site and on verification & certification by the Engineer, supported by Third Party Inspection Certificate.</p> <p>ii) Payment for 20% amount will be made, after successful completion of installation, testing & commissioning and taking over (as per GCC Clause No. 6.68) of the RMQC.</p> <p>iii) Payment for 10% amount will be made after completion of all jobs as per contract and on verification of performance of the RMQC, duly certified by the Engineer, in regard to successful loading/unloading of 5,000 TEUs, or after expiry of 3 (three) months from the date of completion of all jobs [as per GCC Clause No. 6.67</p>

Sl. No.	Clause No.	Page No.	Reference & requirement as per the bidding documents.	Queries/Observations/Suggestions/Requests for clarification	Clarifications/Comments of HDC, KoPT
					(Completion period)], whichever is earlier.
44)	6.87	231	General requirement for insurances : For all practical purposes, insurance shall be from any of the following Indian Insurance Companies viz. Oriental Insurance Co. Ltd., National Insurance Co. Ltd., New India Assurance Co. Ltd. and United India Insurance Co. Ltd.	All insurances shall be covered by German/ international insurance companies, chosen by the Contractor, only. Insurance Certificates may be per international standards, no Indian nationalized insurance cover may be required. Copy of the same will be provided to KoPT.	Insurance coverage for the complete Crane from erection stage to commissioning/ handing over stage.