



**NEW MANGALORE PORT AUTHORITY  
MECHANICAL ENGINEERING DEPARTMENT**

**e-TENDER NO. CME-18/2023-24 dated 24/01/2024**

**PRE-BID REPLIES**

Clarifications for queries raised by the firms in connection with the Tender “**Design, Supply, Installation, Testing, commissioning of Telescopic Gangway system for Berth No 13 of New Mangalore Port Authority including Comprehensive Operation & Maintenance for a period of five (5) years after the expiry of guarantee period of one year**”.

The clarifications shall constitute a part of the Tender Document for all purposes and one set should be uploaded duly signed and stamped on each and every page, along with the Tender Document.

<b>SI No</b>	<b>Clause No.</b>	<b>Tender Condition</b>	<b>Clarification required / Suggestion</b>	<b>Clarification/ Reply from NMPA</b>
1	5.6.5.1.3, Page No.57/122	The tenderer shall execute the work at site as per employer's approved drawings only. Photocopies shall not be used at Site. The drawing for all the works shall be developed by the successful Bidder and submitted to employer for approval in four copies, which will be scrutinized and corrected. After incorporating corrections indicated in corrected drawings 6 prints shall be submitted by tenderer for issuing as approved drawings which only shall be used at site for carrying construction.	After submission of drawings for approval what will be time period to get commented/ approved drawings	The Design, Drawing submitted by the successful bidder in complete form in all respect as per tender specification will be scrutinized by Third Party Inspection Agency (TPIA) appointed by the successful bidder i.e. Classification Society who shall be a member of IACS. Based on the recommendation of TPIA, approval will be accorded by NMPA through its appointed TPIA, i.e. Classification Society who shall be a member of IACS. Time taken by NMPA to approve the document, after submission of Drawings complete in all respect will not be counted for completion period. The telescopic Gangway shall be designed as per IMO Statutory requirements taking into account the load factor / design of the Berth No.13.

2	5.6.5.2.3, Page No.58/122	Commissioning spares, Pontoons, tugs, cranes, special tools, tackles, foundation bolts, embedment, inserts, anchorage, oils, fuel, grease and lubricants shall be in the scope of the successful bidder. Further as the land access to the installation site is restricted, the successful bidder shall arrange Pontoons, tugs, cranes etc. required for installation & commissioning	Is Pontoons, Tugs, Barge cranes can be provided by NMPA for installation & commissioning	Tender Condition prevails.
3	5.6.5.6, Page No.59/122	Relocation of affected Utilities, Roads: All utilities affected due to the work shall be temporarily relocated in an effective manner so that no hindrance caused to the present operation. After construction work in that particular portion, the temporary relocated utilities shall be placed in original corridor/ location.	Is Clear space will be available for erection of Gangway system. In case of utilities to be relocated at extra cost.	Tender Condition prevails.  GA Drawing of Berth No.13 with existing facilities attached as Annexure-1. Vendor shall visit the site and access the space available for installation. In case utilities to be relocated, <b>it will be at the cost of successful Bidder. However, it shall be rectified to such that all operations at NMPA &amp; Berth No.13 shall be continued without any hindrance.</b>
4	6.4, Page No.66/122	Intrinsically safe VHF communication is provided to Control room operator to communicate to Port control and the vessel.	Is Intrinsically safe VHF communication system to be provided by successful bidder	<u>The Clause is modified as given below:</u>  2 Nos. Intrinsically safe VHF communication handset with charger which can be tuned into Port Control Channel shall be provided by the successful bidder to the Control room operator so as to communicate to Port control and the vessel.
5	6.7.14, Page No.68/122	Stair case flights of Tower Monitor No. 4 shall be used to climb the vertical height and a cat walk shall be provided to connect Tower Monitor No.4 and vertical column of Gangway.	Is stair case Ladder of Tower Monitor No. 4 to be used to climb the vertical height and no separate stair case required for Gangway Tower? Please confirm.	No Separate Stair case is required. Stair case flights of Tower Monitor No. 4 shall be used to climb the vertical height and a cat walk shall be provided to connect Tower Monitor No.4 and vertical column of Gangway.

6	6.1.1, Page No.63/122	For Oil Berth No. 13 at New Mangalore Port Authority, Panambur. As the telescopic gangway shall be used for LPG vessels, the gangway & its accessories to be spark proof and intrinsically safe.	Please make sure this jetty handles products among Oil, LPG, or both.	Berth No.13 handles POL products, LPG and Chemicals. Accordingly, the Telescopic gangway & all its accessories to be spark proof and intrinsically safe
7	6.7.5, Page No.67/122	Minimum Height of Ship's main deck (in loaded condition) from Berth level– 2 mtr.	It is unclear the 2mtr position. Please inform us 2mtr position in either below two cases : 1. 2m above from +3.66m CD 2. 2m below from +3.66m CD.	Minimum Height of Ship's main deck (in loaded condition) from Berth level is 2 mtr.. However, the successful contractor shall design the Gangway duly considering tide variation as per Clause No. 6.7.8.
8	3.7,  Page No.29 & 30 /122	Schedule of Payments for DSITC Period :-  05% - On submission and approval of all design documents, drawings, operation & maintenance plan and all other documents as mentioned in the scope by Employer's Representative/ TPIA: 05% of Accepted Contract Amount for BOQ Sl. No.  65% - On receipt of the Telescopic Gangway in complete at site duly certified by the Employer's Representative/ TPIA as per the technical specification and terms and conditions specified in the Contract: 65% of Accepted Contract Amount of respective item of BOQ, Sl. No. 1. No part payment is admissible against supply of advanced materials.  30% - On installation/ construction/ erection, testing, satisfactory trial-runs, acceptance of Commissioning of the entire system by the Employer's Representative/ TPIA as per the technical specification and terms and conditions specified in the Contract: 30% of Accepted Contract Amount of respective item of BOQ, Sl. No. 1.	We request to accept the following terms :-  - 20% - Advance - 70% - LC to be opened and paid against the shipping and inspection documents which can be decided mutually any further negotiations documents - Balance 10% -against commissioning and against PBG.	Tender Condition prevails.

9	3.7.1, Page No.30/122	During the COMC service period, the successful Bidder shall be entitled to receive payment of O & M on monthly basis as quoted in Price Bid Sl. No 2. The payment shall be released on monthly basis through RTGS against submission of bills in triplicate during O & M contract. Income tax and surcharge and any statutory deduction thereon at applicable rates shall be made at source on satisfactory completion of each month on certification by the EIC on submission of bill, complete in all respects along with the various monthly operation and maintenance reports	We wish to propose separate payment terms for O&M Regular mobilization of manpower, equipment and consumables will require separate payment schedule."	Tender Condition Prevails.
10	3.7.4, Page No.31/122	Payment shall be released to the successful Bidder on completion of work deducting dues if any within 15 days from the submission of the bill in full shape. No advance payments shall be made to the successful Bidder.		
11	3.7.2.7, Page No.30/122	<b><u>Material Dispatch Certificate (MDC)</u></b> issued by employer prior to dispatch of material - 3 copies.	Kindly clarify/ confirm the following:- Material Despatch Certificate :- Will NMPA depute their representative for inspection?  We are offering Gangway from Korea. If, employer deputs his representative to Korea, then all the travel and accommodation charges, etc. are to be borne by NMPA. TPIA charges will be borne by bidder.	

12	3.4 / Page No.29/122	Period of Contract	please confirm that this includes 30 days of ship free jetty	Refer Clause No.3.4
13	-	Spares kept at site	After DSITC please confirm all spares kept on site can be taken back.	Contract includes DSITC & COMC. Spares required for COMC shall be made available at site by the Contractor. Other spares can be taken back after commissioning of the system.
14	5.8.1, Page No.62/122	The design, supply, installation, commissioning and testing of the system at site shall conform to applicable codes, rules, regulations and standards. Gangway shall be certified by any independent international classification agency for OCIMF norms, if any, for compliance of OCIMF Norms.	Not Applicable	<u>The Clause is modified as given below:</u> The design, supply, installation, commissioning and testing of the system at site shall conform to applicable codes, rules, regulations and standards. Gangway shall be certified by any independent Classification Society, member of IACS as per IMO Statutory norms, including in compliance with OCIMF norms.
15	6.1.3, Page 64/122	All electrical and instrumentation items shall be suitable for Zone-1 Hazardous area classification complying with all applicable statutory standards as oil and gases are handled at Berth No.13	NMPA to please check on this requirements since the equipment will be at a distance from the MLA/LPG Service	Tender condition prevails.
16	6.4, Page 65/122	The gangway access system provides safe access between the ship and the shore. Hence, the gangway steps shall be safe for use and may be self-levelling type, fixed curved step with anti-slip treads or other vendor specific design, which shall be approved by independent international classification agency such as IRS, BV, DNV or any Classification Society who is a member of International Association of Classification Society.	According to OCIM and SIGTTO regulations, self-levelling stairs are recommended for inclinations exceeding 22 degrees due to the high risk of falls. Also, for in case of an incident and personnel evacuation, as well as for the loading and unloading of goods.	The gangway access system provides safe access between the ship and the shore. Hence, the gangway steps shall be safe for use, which shall be as per IMO Statutory norms and approved by independent Classification Society, who is a member of International Association of Classification Society. It is the responsibility of the Contractor to Design the Steps in compliance with IMO statutory norms

17	6.4, Page 66/122	Control room operator should be able to monitor ladder visually or by CCTV	Please clarify.	Deleted
18	6.4,  Page 66/122	Intrinsically safe VHF communication is provided to control room operator to communicate to port control and the vessel	Please provide the distance and confirm the requirement	Refer SI.No.4 clarification above.
19	6.1.1,  Page 63/122	Gangway should be capable of being locked in stored position.	The resting position should be at 90 degrees relative to the dock, ensuring that there are no obstacles along the perpendicular line of the dock. It is also essential to keep this space clear for the passage of people or vehicles for safety reasons	<u>The Clause 6.11 &amp; 6.7.9 are modified as given below:</u> Gangway should be capable of being locked in stored position. Gangway shall be parked at 90 degrees relative to berth frontage, when not in use to avoid hindrance on the jetty. The gangway shall be designed as per IMO Statutory requirements to withstand all weather conditions.
20	6.7.9,  Page 67/122	Gangway shall be parked in perpendicular position to the berth front in horizontal position when not in use.	Gangway should park at 90 degrees in order to avoid hindrance on the jetty	
21	6.9.2,  Page 70/122	A corrosion allowance of 6mm	corrosion allowance should be 1.5 or 3 mm max	A corrosion allowance not less than 3mm shall be provided
22	6.10.8, Page 71/122	All mounting / bolting hardware shall be stainless steel AISI 316 or better.	High tensile bolting (galvanized) should be used	All bolting shall be Galvanized High tensile bolting.

23	6.10.9 , Page 72/122	<p><b>6.10.9 All the electrical items, shall have Ex-d enclosure with temperature class as T3.</b> More specifically, the protection will be as follows:</p> <p><b>6.10.9.1 <u>Electric Motors</u></b></p> <ul style="list-style-type: none"> <li>• Ingress protection IP 67</li> <li>• Explosion protection Ex-d, Gas Group II B, Temp Class T3</li> </ul> <p><b>6.10.9.2 <u>Starter / Siren / Indicator / End Stops and Solenoid Valves</u></b></p> <ul style="list-style-type: none"> <li>• Ingress protection IP 67</li> <li>• Explosion protection Ex-d, Gas Group II B, Temp Class T3 Local control panel</li> </ul>	We recommend using IP55-rated equipment encapsulated and protected with an enclosure.	Tender Condition prevails.
24	6.1.1, Page 63/122	The gangway should have a quick release (QR) mechanism which will be automatically activated if the Ship drifts beyond the operating envelope of the Gangway. The QR mechanism should allow for drifting of ship away without damage to Gangway, vessel or other Port infrastructures.	In case of an emergency, it is necessary, according to OCIMF and SIGTTO regulations, for the gangway to be capable of automatic retraction to prevent collisions with the vessel due to the unforeseen separation of the ship from the dock or other movements.	<p><u>The Clause is modified as given below:</u> In case of an unforeseen separation of the ship from the dock or other unforeseen movement of the ship, or in case of an emergency, the gangway should have a mechanism of automatic retraction. Such automatic retraction mechanism should comply with OCIMF norms, SIGTTO regulation &amp; any other applicable regulations for Safety purpose as per IMO statutory requirements.</p>
25	6.4, Page 65/122	The Gangway after resting on the Ship deck shall be on a free float mode. If the gangway senses restriction on the free float movement, then a audio visual alarm shall be raised.	Recommended a free-wheel mode by OCIMF and SIGTTO regulations. In free-wheel mode, the hydraulic circuits of the cylinders and of the telescopic engine are opened, remaining the gangway free to move, so that once supported on the deck of	<p><u>The Clause is modified as given below:</u> The Gangway after resting on the Ship deck shall be on a free-wheel mode. If the gangway senses restriction on the free wheel movement, then an audio visual alarm shall be raised.</p>

			the ship, it can follow its movements. In free-wheel, all movements (slewing, lifting and telescopic) of the ladder are free.	
26	6.1.1, Page 63/122	During power failure, gangway may be able to operate manually for placing the gangway or its removal as per requirements.	In emergencies, the ability to manually move the gangway is crucial. In the event of an electrical supply failure, manual movement can be achieved by using the hydraulic unit's manual pump and adjusting the lever for the desired movement	<u>The Clause is modified as given below:</u> During power failure, gangway may be able to operate manually for placing, stowing the gangway or its removal as per requirements.
27	6.10.12, Page 72 & 73/122	<p>The tasks outlined below are included regarding the supply, assembly and installation of ship access gangway:</p> <ul style="list-style-type: none"> <li>• Transport and on-site assembly as per design plan and specifications attached to tender document.</li> <li>• Welds: Ultrasonic test (UT) will be taken of 25% of the weld joints. The remaining welds, including aluminum weld will be inspected with penetrating liquids (100%).</li> <li>• Materials Certificates Materials test certificates for the following (not limited to) will have to be submitted: <ul style="list-style-type: none"> <li>• Steel column</li> <li>• Aluminum stairs</li> <li>• Base bearing</li> <li>• Cylinders</li> <li>• Electric motor</li> <li>• Control panel and electrical components</li> </ul> </li> </ul>	We recommend our ITP standard quality plan, which is used world wide.	Tender condition prevails.



		<ul style="list-style-type: none"> <li>• Test certificate for tubular products.</li> <li>• Test certificate for structural pieces.</li> <li>• Third party for inspection and test</li> </ul>		
28	8.4.1.1, Page 76/122	<p>8.4.1.1 Skilled category manpower who are having Minimum ITI in Electrical/Mechanic/Fitter/Welder. One from each above trade (Qualification) to be deployed.</p> <p>Suitable reliever shall be included in the staffing, so as to comply with the statutory requirement such as weekly off, working hours limit and other regulations.</p>	why welder is required	<p><u>The Clause is modified as given below:</u> Skilled category manpower who are having Minimum ITI in Electrical/Mechanic/Fitter. One from each above trade (Qualification) to be deployed. Suitable reliever shall be included in the staffing, so as to comply with the statutory requirement such as weekly off, working hours limit and other regulations.</p>
29	8.10, Page 77/122	<p>The Successful Bidder shall paint the system with appropriate anticorrosive paints once in a year 2nd year onwards. However, in case there is signs of corrosion on the part of the system at any point of time during the O&amp;M period, the Successful Bidder shall have to take immediate steps to check it by applying anticorrosive paints. After the 4th year Telescopic Gangway shall be sand blasted and painted.</p>	Sand Blasting not possible on site	<p><u>The Clause is modified as given below:</u> The Successful Bidder shall paint the system with appropriate anticorrosive paints once in a year, 2nd year onwards. However, in case there are signs of corrosion at any point, during the O&amp;M period, the Successful Bidder shall have to take immediate steps to check it by applying anticorrosive paints. After the 4th year, surface preparation and painting to the Telescopic Gangway to be done. Planned maintenance shall comply as per Statutory requirements.</p>
30	5.6.3.6, Page 56/122	<p>Proper fire protection and fire fighting arrangement wherever necessary shall be provided.</p>	Is not included. In case of necessary sprinklers can be installed to protect the gangway itself.	Tender condition prevails.

31	2.4.2, Page 12/122	<p>The Bidder shall have successfully completed Similar Works during last 7 (Seven) years ending last day of month previous to the one in which tenders are invited should be either of the following:</p> <ul style="list-style-type: none"> <li>• One similar completed work costing not less than Rs. 6,73,94,340/- excluding GST</li> <li>• Two similar completed works each costing not less than Rs. 4,21,21,463/- excluding GST</li> <li>• Three similar completed works each costing not less than Rs.3,36,97,170/- excluding GST.</li> </ul>	<p>It is requested to clarify that whether cost of the similar work executed by firm is only for equipment or for both equipment &amp; services.</p>	<p>Please refer Clause No.2.4.2.1 &amp; 2.4.2.2 of tender document.</p>
32	2.4.2, Page 13/122	<p>Similar Works” means, Design, Supply, installation, testing, commissioning, of column type telescopic gangway system at any Ports.</p>	<p>It is understood that the tender is for telescopic gangway system however you have mentioned the column type telescopic gangway as similar work.</p> <p>The column type can be such that the person has to climb 6-7 storeys building and go to the gangway and on the ship whereas the telescopic gangway would need to climb 6-7 storeys building to work up to minimum height from your existing staircase to go to the telescopic gangway which will go from minus 2 m to 21 m with a maximum angle of about 35 degrees as mentioned in your specs. Kindly clarify this point.</p>	<p>Tender Condition prevails.</p>

33	2.18.3.5, Page 19/122	<p>Further, in order to promote the Make in India Initiative by the Government of India, Class 1 Local suppliers shall get purchase preference over Class II local suppliers as well as Non Local supplier as per the following procedure</p> <ul style="list-style-type: none"> <li>• Among all qualified bids, the lowest bid will be termed as L1, if L1 is Class I Local supplier, the contract will be awarded to L1.</li> <li>• If L1 is not a Class – I Local Supplier, the lowest bidder among the Class –I local supplier, will be invited to match the L1 price subject to Class –I local Supplier’s quoted price falling within the margin of Purchase preference, and the contract shall be awarded to such Class – I Local supplier subject to matching the L1 price</li> <li>• In case such lowest eligible Class – I local supplier fails to match the L1 price, the Class–I local supplier with the next higher bid within the margin of purchase preference shall be invited to match the L1 price and so on and contract shall be awarded accordingly. In case none of the Class I supplier within the margin of purchase preference matched the L1 price, the contract may be awarded to the L1 bidder</li> </ul>	<p>a. It is understood that the L1 bidder will be the lowest in Class 1 local supplier who should be falling with the margin and should then match the L1 if it is Class II Supplier.</p> <p>It is requested to clarify what is the margin between lowest supplier and the Class 1 supplier and what would be the % of local % by value.</p> <p>Also it is requested to clarify that who would be certifying authority to certify the value of the local supply.</p> <p>b. As per our understanding, this tender is in 2 parts:</p> <ul style="list-style-type: none"> <li>i. Value of the equipment</li> <li>ii. Value of the services for the AMC.</li> </ul> <p>It is requested to clarify that whilst normally the services would be 100% and local AMC is local supplier Class 1 be applicable only on the equipment value or on the total value of the tender.</p>	<p>Gol guidelines regarding “Make in India” shall be followed.</p>
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			<p>c. It is understood that price preference is given to the local Class 1 suppliers compared to non-class 1 local suppliers, if the price difference is within the margin. Also, the same procedure will be followed if price margin is up to 20%. Please confirm.</p> <p>d. It is requested that apart from the price preference in the Class 1 and non-class 1, please let us know if there is any additional price benefit for MSMEs.</p>	
34	6.7.3, Page No.67/122	Space Available for installation of Vertical Column – 4 m X 3.5 m alongside Tower Monitor No.4.	It is requested to kindly specify the maximum height of the column that can be put for the person to go up to this column and go straight to the telescopic angular gangway.	Refer Clause No. 6.7.12 of tender
35	6.7.12, Page No.67/122	Height of Fixed column –to be calculated based on 6.7.10 & 6.7.11 above	It is requested that the maximum height that is allowed may please be informed.	
36	6.7.14, Page No.68/122	Stair case flights of Tower Monitor No. 4 shall be used to climb the vertical height and a cat walk shall be provided to connect Tower Monitor No.4 and vertical column of Gangway	It is understood that cat walk shall be provided to connect Tower Monitor No.4 and vertical column of Gangway. Please Confirm.	Refer SI. No.5 clarification above.

37	6.3, Page 65/122	This specification covers the tentative & indicative information for design, fabrication and supply of gangway system for Berth No 13. Any omission in the specification doesn't absolve the successful Bidder from completing the work in full. The Successful Bidder is responsible for the Design, supply, fabrication and transportation to site of all materials and components required for the complete erection of the access gangway	Any thing missing is not quoted/included and has impact on cost and delivery time, if required at later stage.	Tender Condition prevails
38	6.4, Page 66/122	Adequate illumination(Lighting) for the Gangway to be provided	Not our scope	Safety indication light to be provided on appropriate location for proper visibility which shall glow during the movement of Gangway either to vessel/parking position.
39	6.6. (e), Page 66/122	Participation at any clarification meeting when required.	Video? Or at site? How Many	Meeting may be on site or online mode.
40	6.6, Page 66 & 67/122	j) Unloading at site, local handling, transportation from store to work site, storage at work site, assembly at site. k) Erection, Installation, hook-up, testing, commissioning and performance Guarantee Test of all	Not Vendor Scope	Tender Condition prevails. All the works covered under the Clause 6.6 are under the scope of successful bidder.

	<p>systems at job site.</p> <p>l) Foundation bolts, grouting, nuts and other related installation materials as per the jetty design provided shall be in scope of the successful Bidder. Gangway base, supports &amp; anchor bolts shall be designed with respect to the jetty according to the space availability on berth no. 13. Necessary Foundation grouting on the jetty for the gangway system shall be in scope of the successful Bidder.</p> <p>m) Supervision of complete erection, installation, functional testing, commissioning at site.</p> <p>o) On-site training at project site to NMPA personnel or representatives.</p> <p>p) Operation &amp; Maintenance of the Gangway during one year guarantee period.</p> <p>q) Comprehensive Operation &amp; Maintenance of the Gangway system for a period of five years starting after the free guarantee period of one year. During the guarantee period of one year, it is the responsibility of the Contractor to carry out the operation and maintenance of the telescopic gangway to the satisfaction of NMPA. No payment shall be made to the successful Bidder on account of Comprehensive O &amp; M during the guarantee period.</p> <p>r) Any statutory approvals as required / applicable, shall be in scope of the Successful Bidder. NMPA shall only provide assistance for the same. Fees towards all such statutory clearance/ certification shall be borne by the Successful Bidder.</p>		
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41	6.7.3, Page 67/122	Space Available for installation of Vertical Column – 4 m X 3.5 m alongside Tower Monitor No.4.	Please provide Drawing	GA Drawing of Berth No.13 with existing facilities attached as Annexure-1. Also the design of the Telescopic Gangway shall taken into account the load factor/ structural design of the Berth No.13.
42	6.7.8, Page 67/122	Maximum tide variation for wave compensation +1.8 mtrs to -1.0 mtrs.	Is this included in Minimum and Maximum Heights	Not Included.
43	6.7.10, Page 67/122	Maximum permissible slope of Gangway in fully inclined position: 30 degree	Steps can be used at $\pm 50^\circ$	<u>The Clause is modified as given below:</u> Maximum permissible slope of Gangway shall be as per IMO Statutory requirements including OCIMF norms and other statutory requirements if any, approved by independent Classification Society, who is a member of International Association of Classification Society fulfilling the requirement of the tender condition.
44	6.7.13, Page 67/122	Slewing motion of the Gangway shall be limited to compensate for vessel movement while at berth complying with all safety parameters.	Why?	Tender Condition prevails.
45	6.7.25, Page 68/122	The Telescopic Gangway shall be designed according to the space available at Berth no. 13 of NMPA. The distance from the jetty to the ship's main deck shall be fixed and the Telescopic Gangway shall have a telescopic extension to extend and position itself to the ship's main deck to enable men to board or disembark safely to & fro from the vessel from the lowest height of 2 mtrs. and up to 21 mtrs. by walking on the Telescopic	Please provide Drawing	GA Drawing of Berth No.13 with existing facilities attached as Annexure-1.  <u>The Clause is modified as given below:</u> The Telescopic Gangway shall be designed according to the space available at Berth no. 13 of NMPA and the load factor of Berth No.13. The distance from the jetty to the ship's main deck shall be fixed and the Telescopic Gangway shall have a telescopic extension to extend and

		Gangway. The Telescopic Gangway along with all its components / equipment / structures shall be of intrinsically safe to operate in zone-1 complying with all applicable statutory standards as oil and gases are handled at Berth No.13.		position itself to the ship's main deck to enable men to board or disembark safely to & fro from the vessel from the lowest height of 2 mtrs. and up to 21 mtrs. by walking on the Telescopic Gangway. The Telescopic Gangway along with all its components / equipment / structures shall be of intrinsically safe to operate in zone-1 complying with all applicable statutory standards as POL, LPG and chemicals which are handled at Berth No.13 taking into account the load bearing of Berth No.13 and load density of Berth No.13.
46	6.10.12, Page 73/122	Welds: Ultrasonic test (UT) will be taken of 25% of the weld joints. The remaining welds, including aluminium weld will be inspected with penetrating liquids (100%).	No UT. 50% MPI of load bearing welds. 10% MPI of Secondary welds and Visual Inspection on remaining	Tender Condition prevails
47	6.11, Page 73/122	Inspection and Test Plan: Third party Inspection Agency (TPIA) for inspecting the supply, installation, testing & commissioning work at NMPA site shall be engaged by NMPA at own cost. TPIA shall inspect and certify the Telescopic gangway, systems and works as per the scope and specification mentioned for the work at site. TPIA appointed by NMPA shall also check and verify all the drawings , specifications , Third party inspection reports submitted by the successful bidder at the Manufacturers site. Further, the TPIA shall also verify all the statutory approvals submitted by the successful bidder.	Not Vendor Scope	Tender Condition prevails.



48	6.11.1, Page 74/122	<ul style="list-style-type: none"> <li>• Visual Alarm at Stage 1 Limit</li> <li>• Visual Alarm at Stage 2 Limit</li> </ul>	Alarm on gangway range is optional. If option is chosen, it is a one stage alarm.	Tender Condition prevails.
49	6.11.3, Page 74 & 75/122	<p>Site Acceptance Test (SAT): The site acceptance test to confirm correct functionality and operations as per project requirement. The bidder shall submit a test report. All test equipment shall be provided by the successful Bidder. The SAT shall contain, as a minimum, the following tests:</p> <ul style="list-style-type: none"> <li>• Visual inspection</li> <li>• Dimension inspection</li> <li>• Checking of gangway envelopes</li> <li>• Checking alarms on extreme gangway position</li> <li>• Checking alarms on avoid interfering with other equipment of the jetty (if installed)</li> <li>• Checking cabling and earthing</li> <li>• Painting application</li> <li>• Hydraulic system (oil level, pressure etc.)</li> </ul> <p>The above tests shall be witnessed by the TPIA appointed by NMPA at site , who shall also certify the same.</p>	Not Vendor Scope	Tender Condition prevails

50	2.4.2.5	New Clause	<p>If the bidder is submitting credentials of OEM to prove MQC where the value are other than INR, then value of currencies mentioned in such MQC documents will be converted into INR for evaluation purpose.</p> <p>For conversion of foreign currencies to INR, RBI reference rate for the currency as on date of opening of tender will be considered.</p>
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Sd/-  
Superintending Engineer (Mech)  
New Mangalore Port Authority

ANNEXURE - 1

