

ADDENDUM/ CORRIGENDUM NO.4
COCHIN PORT AUTHORITY
An ISO-9001:2008 & ISPS Compliant Port

Phone: 2666414

Telefax: 91048 2666414

E-mail : ce@cochinport.gov.in, coptce@gmail.com
sathyan@cochinport.gov.inWebsite: www.cochinport.gov.in

No: T10/T-2062/2025-C

CHIEF ENGINEER'S OFFICE
COCHIN-682009

Dated: 07/11/2025

**TENDER FOR RECONSTRUCTION OF Q2-Q3 BERTHS AT MATTANCHERRY
WHARF OF COCHIN PORT**
(Tender No T10/T-2062/2025-C)

Following clause in the Bid Document shall be modified as follows:

SI. No .	Reference Clause No.	Section / Volume	Modifications																	
1.	Sub Clause 1.2.12.2.1 under Section IV, Technical Specifications-Fenders	Section - IV Page No.200 of Bid document	<p><u>Replace the Sub-Clause 1.2.12.2.1- Type and Size of Fenders with the following:</u></p> <p>The fenders and frontal frames with frontal pad required as given below.</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: center;">SINo.</th><th style="text-align: center;">Description</th><th style="text-align: center;">Qty.</th></tr> </thead> <tbody> <tr> <td style="text-align: center;">1</td><td>Cell Type rubber Fenders 1450 H with the following: 1. Frontal frames with Frontal Pad of size 1950x3000 mm. 2. Rubber Flex weight chains and its fixtures. 3. Rubber Flex tension chains and its fixtures.</td><td style="text-align: center;">5.00 Nos.</td></tr> <tr> <td style="text-align: center;">2</td><td style="text-align: center;">150x150mm size D- type Rubber Fenders</td><td style="text-align: center;">22.0 m</td></tr> </tbody> </table>			SINo.	Description	Qty.	1	Cell Type rubber Fenders 1450 H with the following: 1. Frontal frames with Frontal Pad of size 1950x3000 mm. 2. Rubber Flex weight chains and its fixtures. 3. Rubber Flex tension chains and its fixtures.	5.00 Nos.	2	150x150mm size D- type Rubber Fenders	22.0 m						
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2.	Sub Clause 1.2.12.2.3 under Section IV, Technical Specifications-Fenders	Section - IV Page No.201 of Bid document	<p><u>Replace the Sub-Clause 1.2.12.2.3- Performance details of Fenders with the following:</u></p> <p>Performance requirements of the fenders are as given in Table below.</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: center;">Description of the fendering system</th><th style="text-align: center;">Max. Permissible Deflection (%)</th><th style="text-align: center;">Min. Energy Absorption (Tonne metre)</th><th style="text-align: center;">Max. Permissible Reaction Force (t)</th><th style="text-align: center;">Max. Permissible Hull Pressure (t/m²)</th></tr> </thead> <tbody> <tr> <td style="text-align: center;">Cell type Fender 1450H</td><td style="text-align: center;">52.5%</td><td style="text-align: center;">81</td><td style="text-align: center;">130</td><td style="text-align: center;">35</td></tr> <tr> <td style="text-align: center;">'D' type fender 150mm x150mm</td><td style="text-align: center;">45%</td><td style="text-align: center;">0.25 /m</td><td style="text-align: center;">9.60/m</td><td style="text-align: center;">....</td></tr> </tbody> </table>			Description of the fendering system	Max. Permissible Deflection (%)	Min. Energy Absorption (Tonne metre)	Max. Permissible Reaction Force (t)	Max. Permissible Hull Pressure (t/m ²)	Cell type Fender 1450H	52.5%	81	130	35	'D' type fender 150mm x150mm	45%	0.25 /m	9.60/m
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3.	Sub Clause 1.2.12.2.12 under Section IV, Technical Specifications-Fenders	Section - IV Page No.205 of Bid document	<p><u>Replace the Sub-Clause 1.2.12.2.12-Supporting Protocols with the following:</u></p> <p>Supporting Protocols shall cover temperature stabilization, Velocity Factor (VF) and Temperature Factor (TF) as mentioned in PIANC WG211(2024) Guidelines for the Design of Fenders Systems.</p>																
4.	Sub Clause 1.2.12.2.13 (a) under Section IV, Technical Specifications-Fenders	Section - IV Page No.205 of Bid document	<p><u>Replace the Sub-Clause 1.2.12.2.13 (a) - Energy/Reaction Compliance Testing with the following:</u></p> <p>Samples for verification testing shall be actual fender elements fabricated for the project following the PIANC WG211(2024) Guidelines for the Design of Fenders Systems.</p>																
5.	Sub Clause 1.2.12.2.13 (c) under Section IV, Technical Specifications-Fenders	Section - IV Page No.206 of Bid document	<p><u>Replace the Sub-Clause 1.2.12.2.13 (c) - Other Testing with the following:</u></p> <p>Effect of contact angle and durability tests should be carried out as per PIANC WG211(2024) Guidelines for the Design of Fenders Systems recommendations.</p>																
6.	Dwg. No. 9782/03/2025/ Ro dated 26/08/2025 under Drawings (Separate Volume)	Section- IV Drawings (Separate Volume)	Drawing No. 9782/03/2025/Ro dated 26/08/2025 – 1150H Cell Fender replaced with Drawing No. 9782/03/2025/R1 dated 07/11/2025- 1450H Cell Fender																
7.	Sl. No. 19, Part- B under Clause V (II) Bill of Quantities	Section - V Page No.248 of Bid document	<p><u>Replace the Item at Sl.No.19 of Part B- Bill of Quantities with the following:</u></p> <table border="1" data-bbox="679 1365 1405 1987"> <thead> <tr> <th data-bbox="679 1365 747 1477">Sl. No.</th><th data-bbox="747 1365 874 1477">Sub- heads and items of work</th><th data-bbox="874 1365 943 1477">Appr oximate Quan tity</th><th data-bbox="943 1365 986 1477">Unit</th><th data-bbox="986 1365 1054 1477">Depart mental Rate (Rs)</th><th data-bbox="1054 1365 1144 1477">Departm ental Rate in Words</th><th data-bbox="1144 1365 1251 1477">Departm ental Amoun t in Rs.</th><th data-bbox="1251 1365 1405 1477">Departm ental Amount in Words</th></tr> </thead> <tbody> <tr> <td data-bbox="679 1477 747 1987">19</td><td data-bbox="747 1477 874 1987">Providing and fixing in position Cell Type rubber fender of size 1450 H with frontal frame of size 1950mm x 3000mm of approved quality with all fixtures and accessories, facia pad, necessary chains, anchor bolts etc. complete all as per detailed specifications and directions of Engineer in Charge</td><td data-bbox="874 1477 943 1987">5.00</td><td data-bbox="943 1477 986 1987">No s.</td><td data-bbox="986 1477 1054 1987">990,000 .0</td><td data-bbox="1054 1477 1144 1987">Rupees Nine Lakh Ninety Thousand Only</td><td data-bbox="1144 1477 1251 1987">4,950,00.00</td><td data-bbox="1251 1477 1405 1987">Rupees Forty Nine Lakh Fifty Thousand Only</td></tr> </tbody> </table>	Sl. No.	Sub- heads and items of work	Appr oximate Quan tity	Unit	Depart mental Rate (Rs)	Departm ental Rate in Words	Departm ental Amoun t in Rs.	Departm ental Amount in Words	19	Providing and fixing in position Cell Type rubber fender of size 1450 H with frontal frame of size 1950mm x 3000mm of approved quality with all fixtures and accessories, facia pad, necessary chains, anchor bolts etc. complete all as per detailed specifications and directions of Engineer in Charge	5.00	No s.	990,000 .0	Rupees Nine Lakh Ninety Thousand Only	4,950,00.00	Rupees Forty Nine Lakh Fifty Thousand Only
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All Addendum/ Corrigendum shall form part of the Bid Document and shall be duly signed and submitted along with the Bid by the Bidder

Sl. No .	Reference Clause No.	Section / Volume	Modifications																						
8.	Sl. No. 20, Part- B under Clause V (II) Bill of Quantities	Section - V Page No.248 of Bid document	<p>Replace the Item at Sl.No.20 of Part B- Bill of Quantities with the following:</p> <table border="1"> <thead> <tr> <th data-bbox="668 384 743 478">Sl. No.</th><th data-bbox="743 384 874 478">Sub- heads and items of work</th><th data-bbox="874 384 949 478">Appr oximate Quantity</th><th data-bbox="949 384 1008 478">Unit</th><th data-bbox="1008 384 1083 478">Depart mental Rate (Rs)</th><th data-bbox="1083 384 1157 478">Departm ental Rate in Words</th><th data-bbox="1157 384 1232 478">Departm ental Amoun t in Rs.</th><th data-bbox="1232 384 1413 478">Departm ental Amount in Words</th></tr> </thead> <tbody> <tr> <td data-bbox="668 478 743 1417">19</td><td data-bbox="743 478 874 1417">Providing and fixing in position D-type rubber fenders 150mm H x 150mm D having energy absorption of 0.25 Ton-m per metre at max 45 % deflection and max reaction force 9.6T per metre including bolts, nuts and washers of stainless steel SUS 316 grade, all fixtures, rigidly in correct alignment and position all as per drawings, handling, transportation, third party inspection, materials, labour, staging, tools, equipment, plants, machineries etc. complete as per detailed specifications and directions of Engineer-in-charge.</td><td data-bbox="874 478 949 1417">22.00</td><td data-bbox="949 478 1008 1417">m</td><td data-bbox="1008 478 1083 1417">41,400.0</td><td data-bbox="1083 478 1157 1417">Rupees Forty One Thousand Four Hundred Only</td><td data-bbox="1157 478 1232 1417">910,800.00</td><td data-bbox="1232 478 1413 1417">Rupees Nine Lakh Ten Thousand Eight Hundred Only</td></tr> </tbody> </table>							Sl. No.	Sub- heads and items of work	Appr oximate Quantity	Unit	Depart mental Rate (Rs)	Departm ental Rate in Words	Departm ental Amoun t in Rs.	Departm ental Amount in Words	19	Providing and fixing in position D-type rubber fenders 150mm H x 150mm D having energy absorption of 0.25 Ton-m per metre at max 45 % deflection and max reaction force 9.6T per metre including bolts, nuts and washers of stainless steel SUS 316 grade, all fixtures, rigidly in correct alignment and position all as per drawings, handling, transportation, third party inspection, materials, labour, staging, tools, equipment, plants, machineries etc. complete as per detailed specifications and directions of Engineer-in-charge.	22.00	m	41,400.0	Rupees Forty One Thousand Four Hundred Only	910,800.00	Rupees Nine Lakh Ten Thousand Eight Hundred Only
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9.	General	Schedule-II, Price Bid	<p>Replaced with updated / Revised Price Bid uploaded in the portal / website.</p>																						

Sd/-

CHIEF ENGINEER