



**Additional Tender Terms & Conditions  
GEM Bid no GEM/2026/B/7458200**

Procurement of Guard Rail and Hand Rail/ Storm Rail for 14 FPV of ICG  
Y-16501 to Y-16514

1. **DESCRIPTION & SCOPE OF WORK:**

**MAIN EQUIPMENT/ITEM/SYSTEM:** Procurement of Guard Rail and Hand Rail/ Storm Rail for 14 FPV of ICG Y-16501 to Y-16514 of India Coast Guard. As per Drg nos 1401-01 rev 5 Sheet 1 and Sheet 2.

**Note: Bidders shall quote for all line item in the tender, failing of which offer of the firm falls under rejection criteria.**

2. **EARNEST MONEY DEPOSIT:** Bidders shall furnish EMD of **Rs. 3,00,000/- only (Rupees Three lakhs only)** through NEFT / Demand Draft / Pay order / Bank Guarantee / Insurance Security Bond / e-Bank Guarantee drawn in **favour of Mazagon Dock Shipbuilders Limited.**

EMD shall be submitted as per GeM Terms & condition.

EMD exemption will be applicable as per GeM conditions and bidders shall upload valid EMD/EMD Exemption Certificate along with the bid. In case valid exemption certificate is not submitted along with original bid, the offer of the firm will be rejected.

EMD is also exempted for the bidder's permanent registered with MDL. To qualify for EMD exemption, bidder shall upload valid copy of the Registration Certificate issued by MDL, for the tendered items **Hand Rail, Storm Rail**) for which the offer is being submitted. Firms in the process of obtaining MDL registration will not be considered for EMD exemption.

EMD shall be forwarded to DGM/PE(C-CGP), 5th Floor, New Service Block, North Yard, Mazagon Dock Shipbuilders Limited, Shipbuilding Division, Dock Yard Road, Mumbai-400010, Maharashtra, in sealed envelope super scribing Tender Enquiry No. and Due date, so as to reach us within 7 MDL working days from the tender closing date. The scanned image of EMD shall be uploaded at Part-I tender stage.

**Note:**

- EMD of unsuccessful bidders will be returned after finalization of the tender and shall be interest free.
- EMD of successful bidders may be converted into performance security or refunded on receipt of performance security. The returned / refunded EMD would be interest free.

**MDL BANK DETAILS:**

Name of Bank A/C Holder: Mazagon Dock Shipbuilders Limited  
Bank and Branch: State Bank of India, Commercial Branch, Fort, Mumbai-400023  
Type of Account: Current Bank  
Account No: 11079519138  
IFSC Code: SBIN0006070  
Swift Code: SBININBB101  
PAN No.: AAACM8029J  
MDL GST: 27AAACM8029J1ZA

**Offers with non-submission of EMD shall be categorically rejected other than exempted category.**

3. **PRE-QUALIFICATION CRITERIA:**

**Technical PQ Criteria:** NA

**Commercial Qualification Criteria for Goods:**

The average annual financial turnover of 'The bidder' during the last three years, ending 31st March (or any other year ending followed in relevant country) of the previous financial year excluding the calendar year of tendering should be at **INR 45,00,000 /-** as per the annual report (audited balance sheet as applicable and profit and loss account) of the relevant period, duly authenticated by a Chartered Accountant/Cost Accountant in India or equivalent in relevant countries.



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**4. VALIDITY PERIOD OF OFFER:**

- I. Bid / Offer shall have the validity period of **180 days** from the tender closing date.
- II. In case the day up to which the bids are to remain valid falls on/ subsequently declared a holiday or closed day for MDL, the bid validity shall automatically be deemed to be extended upto the next working day.
- III. In exceptional circumstances, before the expiry of the original time limit, MDL may request the bidders to extend the validity period for a specified additional period. The request and the bidders' responses shall be made in writing or electronically. A bidder may agree to or reject the request. A bidder who has agreed to MDL's request for extension of bid validity, in no case, he shall be permitted to modify his bid.

**5. BID REJECTION CRITERIA**

(a) **Categorical rejection criteria:** The following conditions / deviations are non-negotiable and therefore any bid falling under these conditions / deviations shall be summarily rejected. Bidders to note that they shall not be provided any opportunity to rectify these conditions / deviations post **Part-I bid opening:**

- I. Bids received after tender closing date and time.
- II. Bids received other than through GEM portal (in case of GEM tender)
- III. Bidders who are debarred under PPP MII order 2017, GeM, CPPP including Tender holiday issued by MDL.
- IV. Bids received without EMD (other than those who are exempted from payment of EMD).

(b) **Liable rejection criteria:** Non-compliance/non-acceptance to any of the terms and conditions of the tender.

**6. SUBMISSION OF OFFER IN TWO BID SYSTEM:** Offer must be submitted in two parts as follows:

a) **Part I (Techno Commercial Bid):** The bidder shall ensure following are essentially included in the Part-I bid:

- (i) Technical & Commercial offer.
- (ii) Pre-qualification documents.
- (iii) Valid MSME Udyam Certificate, MDL Registration Certificate & ISO Accreditation Certificate (If applicable),
- (iv) Taxes and duties certificate for which they are registered.
- (v) Compliance Certificate w.r.t. Land Border Clause
- (vi) Blank rate sheet indicating quoted/not quoted against each line item, tax percentage, type of taxes for each line item in terms of percentage of total quote.
- (vii) PO copies along with Work completion certificate proof for technical pre-qualification criteria.
- (viii) Declaration of "Local Content as specified in the tender.
- (ix) Bidder contact details as per attached enclosure" Contact Details of the bidder
- (x) Bidders are required to provide 02 set hard copies of Techno-Commercial Offer to MDL within 07 days from date of closing of tender addressed as under:

HOS (CGP-Planning Dept)  
K.A. – Mr. Abhishek Singh, CM (Planning)  
5<sup>th</sup> Floor, Service Block  
Mazagon Dock Ship Builders Limited  
Dockyard Road, Mumbai 10

**Note: In any case, prices are not to be mentioned in Part-I bid.**



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b) **Part-II (Price Bid):** Prices for each of the listed items has to be uploaded on GEM.

7. **DELIVERY PERIOD/COMPLETION SCHEDULE:**

(a) Delivery Period / Contract Period: Delivery/contract period from the date of PO placement shall be as tabulated below:

Yard	Details	Glass Windows
16501 to 16504		PO + 02 months
16505 to 16508		PO + 05 months
16509 to 16514		PO + 09 months

(b) The delivery dates mentioned against each line item/service in SAP tender are for indicative purpose.

8. **Pricing:**

(a) Prices of all items/services shall be quoted for delivery of the items/services to the following destination including Charges towards inland transportation, insurance, and other local costs incidental to the delivery of the Goods/Services.

Items/services	Delivery/Work Address
Hand Rail and Storm Rail & Guard Rail	MDL Anik Chembur bond store

(b) The prices quoted shall remain firm and fixed during the currency of the order / contract unless agreed otherwise by MDL.

(c) **Price Variation Clause: (For Goods & Services):** Not Applicable

9. **WARRANTY/GUARANTEE:**

(a) The equipment / item along with associated auxiliaries/components supplied shall be warranted / guaranteed for satisfactory Performance for the period of 12 months from date of receipt and acceptance of material.

(b) The Supplier cannot absolve their responsibility for warranty of material even though it is inspected by & approved by the inspection authorities.

(c) If the defects are not remedied within a reasonable/stipulated time, MDL may proceed to rectify the defects at the supplier's risk & cost, but without prejudice to MDL's rights under the contract.

(d) During the period of warranty / guarantee if any defect noticed in the equipment / item supplied, the supplier/ contractor will have to rectify such defects immediately at no extra cost to MDL.

10. **PERFORMANCE SECURITY (EPBG):** Separate Performance Security for an amount equal to 5% of single order value (Including taxes, duties) payable in Indian Rupees shall be submitted as per Gem portal.

11. **PRESERVATION & PACKING:** NA

12. **TAXES & DUTIES:** To be included in the submitted quote, as per GEM & Govt. guidelines. Custom Duty: Not reimbursable.

13. **CONSIGNEE:-**

(a) Material scheduled for delivery are to be delivered at MDL (Anik bond store located in Mumbai)  
**Note:-**In order to avoid inconvenience during the delivery of material, it is advisable for supplier to depute their representative in their own interest to coordinate the activities between the transporter, and MDL stores.

(b) Following document should be submitted along with material:

- PO copy & subsequent amendments issued to it, if any.
- Inspection Release Note (IRN) issued by nominated inspection officer.
- Delivery Challans clearly indicating MDL Purchase Order No, Inspection Note Details and Packing List co-relating the items in the inspection report.
- Copy of Warranty Certificate, Preservation Certificate etc.



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- Technical documentation, if applicable.
  - E-Way bill (if applicable) details are to be submitted during the delivery of the items.
- (c) Unloading of the equipment/ items will be arranged by MDL. In case of delivery of Large/ Bulky/ Heavy consignments, supplier is required to give 2 to 4 day's advance intimation to MDL clearly indicating approx. dimensions and weight of consignments for arranging fork lift/crane for unloading.

**14. INSPECTION:**

**Binding Drawing & QAP Approval:** Firm shall submit QAP for approval within 1 week of placement of order and shall be approved by MDL within 1 week from date of submission.

**For Goods: TPI – Non IACS (NABCB):**

- GEM Contract GEMC-511687755480489 dated 04 Aug 2025 (MDL PO No. 3100003091 dated 05 Aug 2025)
- Supplier Name: M/s Certification Engineers INT Ltd, Navi Mumbai
- Address: Certification Engineers International Limited  
(A Govt. of India Undertaking, Subsidiary of EIL)  
Engineers India Bhawan , Plot No – 85, Sector – 11,  
Kharghar, Navi Mumbai – 410210.
- Contact Details of Project Coordinator for execution part:
  - a) Project Manager:  
Name: Mr. Mandar Deshpande  
Email: mdeshpande@ceil.co.in  
Mobile: +91 9769018481
  - b) Project Co-ordinator:  
Name: Mr. Pravin Thorat  
Email: pravinthorat@ceil.co.in  
Mobile: +91 9892754724

**Receipt Inspection:- MDL**

**Note:**

1. All the items are to be tagged with separate tally plates.
2. Set of packing for guard rail and storm rail shall be made for each ship separately.

Other general conditions related to inspection of material are as under:

- (a) The decision of the Inspecting Authority or their representatives, as the case may be, on any question of the intent, meaning and the scope of Specifications / Standards shall be final, conclusive and binding on the Bidder/ Supplier / Contractor.
- (b) **For Indian Bidders, the Third Party Inspection (TPI) charges shall be borne by MDL. These charges shall be excluded in bidder's quote.**
- (c) The testing charges for samples should be borne by the supplier and this should be made clear at the enquiry stage itself to avoid claims at a later date/or effect on his position in comparative statement of offers. Any special testing involving financial implications shall be settled prior to placement of the order and such cost should form part of the evaluation.
- (d) **Receipt Inspection:** MDL shall carry out necessary inspection of the items on receipt in the MDL on the basis of appropriate MDL Inspection system requirements & the Inspection documents submitted by suppliers. Any objection raised by MDL inspection team against quality of material or workmanship shall be satisfactorily corrected by the supplier at his expenses including replacement as may be required within shortest possible time within 30 days. Items damaged during transit shall also be rectified or replaced by the supplier within shortest possible time.



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- (e) **Rejection of the material:** Any portion of the equipment found defective/rejected, the supplier shall collect the same at his cost from the MDL Yard, all incidental charges being born by supplier, (inclusive of custom duty, if payable), within 30 days from the date of intimation to the supplier of such rejection. The MDL reserves the rights to dispose-off the rejected item at the end of a total period of 90 days in any manner, to the best advantage to the MDL & recover storage charges & any consequential damages, from sale proceeds of such disposal.

**15. PAYMENT TERMS:**

- (i) On receipt of Invoice, 100 % of Payment shall be made within 15 days from generation of Consignee Receipt & Acceptance Certificate(CRAC) of material and as reduced by any deductibles and / or the amount leviable towards liquidated damages, if any plus 100% taxes, duties etc. as applicable.
- (ii) Payment of the balance of the value of the supplies may be payable and as reduced by any deductibles and / or the amount leviable towards liquidated damages, if any, on submission & confirmation of PS of equivalent amount valid up to warranty period plus 60 days.

**16. EXCHANGE RATE VARIATION: NA**

**17. INTEGRITY PACT (IP): NA**

**18. REVERSE AUCTION:**

- (a) MDL reserves the right to extend, reschedule, postpone, suspend/pause, resume and extend the Reverse Auction, or cancel the Reverse Auction process at any time, before ordering, without assigning any reason, with intimation to bidders.
- (b) If the lowest price received during ERA is unreasonable or it is unacceptable on ground of being too high when compared with estimated price, MDL reserves the right to seek justification of the price from lowest bidder.
- (c) If the price is not considered reasonable, MDL may not accept such bid and can go for another tender process. MDL reserves the right to cancel the tender cum RA process.

**19. CONTACT DETAILS FOR QUERIES:** In case of any clarifications regarding tender condition/specification, bidders are requested to contact the following person, before the closing date of the tender.

<b>Design Dept</b>	Mr. Rajeev K Rathod, AGM/ PE(P-CGP)	+91 9869249812	krajeev@mazdock.com
	Mr. Abhishek Singh, CM (P-CGP)	+91 22 2376 3105	asingh@mazdock.com@mazdock.com
<b>Commercial Dept.</b>	Mr. D S Chavan, DGM /PE(C-CGP)	+91 22 2376 2782	dschavan@mazdock.com
	Ms Shipon Sarkar, M(C-CGP)	+91 22 2376 2765	sssarkar@mazdock.com

20. We look forward to receive your most competitive and reasonable offer against this tender.

Yours faithfully,

**For MAZAGON DOCK SHIPBUILDERS LIMITED**







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**Format for Contact Details- Annexure II**

ENCLOSURE TO MDL Tender No:		
Name of Bidder:		
Address:		
Contact Number:		
email id:		
Details of Authorised Representatives; (Three Levels)		
1	Name:	
	Designation	
	Direct Landline Number:	
	Mobile Number:	
	Email id:	
2	Name:	
	Designation	
	Direct Landline Number:	
	Mobile Number:	
	Email id:	
3	Name:	
	Designation	
	Direct Landline Number:	
	Mobile Number:	
	Email id:	

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**ANNEXURE-C-1**

**ACTUAL LOCAL CONTENT CERTIFICATE**  
**(Tender value Less than Rs 10 Crores)**

Note 1: This certificate shall be submitted by the successful bidder post execution of the contract.

**LOCAL CONTENT DECLARATION (post execution of contract / PO) BY CHIEF FINANCIAL OFFICER OR OTHER LEGALLY RESPONSIBLE PERSON NOMINATED IN WRITING BY THE CHIEF EXECUTIVE OR SENIOR MEMBER/PERSON WITH MANAGEMENT RESPONSIBILITY (CORPORATION, PARTNERSHIP OR INDIVIDUAL)**

**IN RESPECT OF CONTRACT No./ PO No.....**  
**ISSUED BY: (Name of Firm):.....**

NB: The obligation to complete, duly sign and submit this declaration cannot be transferred to an external authorized representative, auditor or any other third party acting on behalf of the bidder.

I, the undersigned, ..... (full names),  
do hereby declare, in my capacity as .....  
of .....(name of bidder entity),  
that:

- (a) The facts contained herein are within my own personal knowledge.  
(b) My/our company had declared the local content at the time of tender as under

Tender Item Sr No	Local content calculated as above %	Location of local value addition

- (c) My / our company has completed the above referred contract and the actual local content of the delivered item/s calculated using the definition in the declaration given at the time of Bid is as under:

Tender Item Sr No	Declared minimum Local content at the time of bidding (%)	Achieved Local content of delivered items (%)

NB: Local content percentage shall strictly be declared item wise or tender wise as was declared at the time of bid / tender.

- (d) I accept that the Procurement Authority / Institution / MDL / Nodal Ministry has the right to request that the local content be verified in terms of the requirements of revised Public Procurement (preference to Make in India) Order 2017 dated 16.09.2020 and I shall furnish the document / information on demand. Failure on my part to furnish the data will be treated as false declaration as per PPP MII Order 2017. I undertake to retain the relevant documents for 7 years from date of execution.

- (e) I understand that the submission of incorrect data, or data that are not verifiable as described in revised Public Procurement (preference to Make in India) Order 2017, may result in the Procurement Authority / Nodal Ministry / MDL imposing any or all of the remedies as provided for in Clause 9 of the Revised Public Procurement (preference to Make in India) Order 2017 dated 16.09.2020.

**SIGNATURE:** \_\_\_\_\_ **DATE:** \_\_\_\_\_

**Stamp / Seal of the company**



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**Annexure-B-1**

**DECLARATION CERTIFICATE FOR LOCAL CONTENT**  
**(Tender value Less than Rs 10 Crores)**

This declaration must form part of all tenders & it contains general information and serves as a declaration form for all bidders. (Before completing this declaration, bidders must study the General Conditions, Definitions, Govt. Directives applicable in respect of Local Content & prescribed tender conditions).

**LOCAL CONTENT DECLARATION BY CHIEF FINANCIAL OFFICER OR OTHER LEGALLY RESPONSIBLE PERSON NOMINATED IN WRITING BY CHIEF EXECUTIVE OR SENIOR MEMBER/PERSON WITH MANAGEMENT RESPONSIBILITY (CORPORATION, PARTNERSHIP OR INDIVIDUAL)**

**IN RESPECT OF BID/ TENDER No:** .....

**ISSUED BY** (Name of Firm): .....

NB: The obligation to complete, duly sign and submit this declaration cannot be transferred to an external authorized representative, auditor or any other third party acting on behalf of the bidder.

I, the undersigned, ..... (full names),

do hereby declare, in my capacity as ..... of

.....(name of bidder entity), the following:

- (a) The facts contained herein are within my own personal knowledge.
- (b) I have read and understood the requirement of local content (LC) and same is specified as percentage calculated in accordance with the definition provided at clause 2 of revised Public Procurement (preference to Make in India) Order 2017

“Local content” as per above order means the amount of value added in India which shall be the total value of items procured (excluding net domestic indirect taxes) minus the value of imported content in the item (including all customs duties) as a proportion of the total value in percent.”

- (c) I have satisfied myself that the goods/services/works to be delivered in terms of the above specified bid comply with the local content requirements as specified in the tender for ‘Class-I Local Supplier’ / ‘Class-II Local Supplier’, and as above.

(d)

i) I seek benefits against the following policy only:	
1) PPP MSE Order 2012	<input style="width: 100px; height: 25px;" type="text"/>
2) PPP MII 2017	<input style="width: 100px; height: 25px;" type="text"/>



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(e) The local content calculated using the definition given above are as under:

Tender Item Sr. No.	Local content calculated as above %	Location of local value addition

Attach separate sheet duly signed if the space not sufficient.

NB: Local content percentage shall be declared item wise or tender wise strictly as per the terms of the tender.

(f) I accept that the Procurement Authority / Institution / MDL / Nodal Ministry has the right to request that the local content be verified in terms of the requirements of revised Public Procurement (preference to Make in India) Order 2017 dated 19.07.2024 and I shall furnish the document / information on demand. Failure on my part to furnish the data will be treated as false declaration as per PPP MII Order 2017. In case of contract being awarded, I undertake to retain the relevant documents for 7 years from date of execution.

(g) I understand that the submission of incorrect data, or data that are not verifiable as described in revised Public Procurement (preference to Make in India) Order 2017, may result in the Procurement Authority / Nodal Ministry / MDL imposing any or all of the remedies as provided for in Clause 9 of the Revised Public Procurement (preference to Make in India) Order 2017 dated 19.07.2024.

**SIGNATURE:** \_\_\_\_\_

**DATE:** \_\_\_\_\_

**Seal / Stamp of Bidders**

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### MATERIAL LIST FOR STORMRAIL

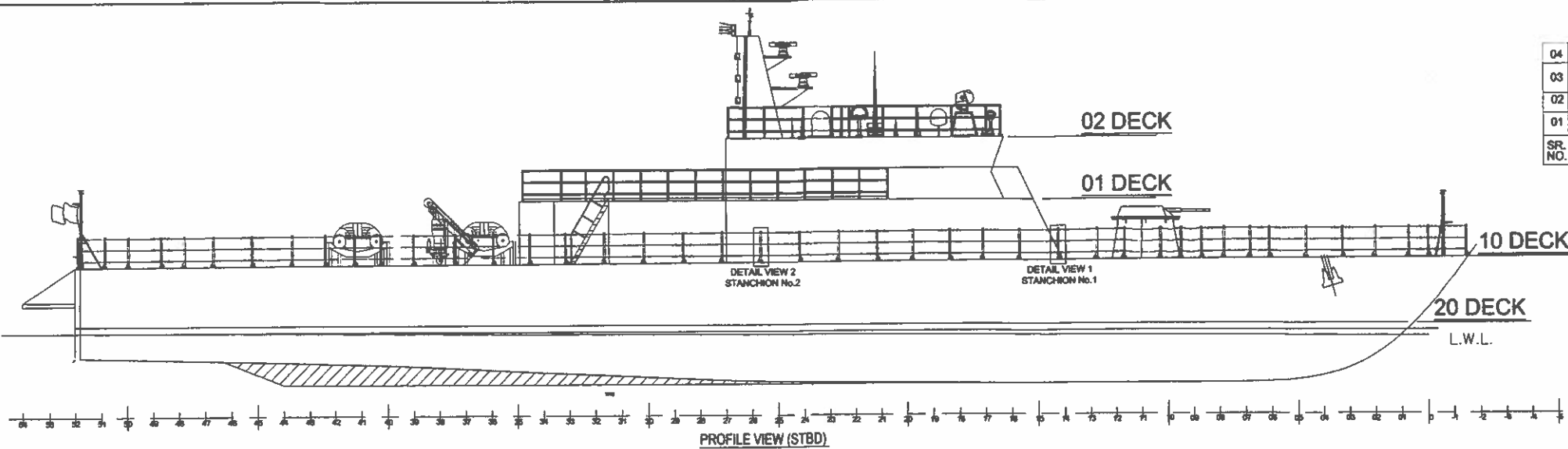
Sr. NO.	DESCRIPTION	MATL.	TOTAL QTY.	REMARK
04	END PLATE FOR STORMRAIL (Ø60X4 THK)	S.S. AISI 316	60 Nos.	
03	PAD PLATE BIMETALLIC (Ø60X16 THK)	BIMETALLIC (AL ALLOY +AL+TI & STEEL)	60 Nos.	
02	SUPPORT ROUND BAR (Ø16MM)	S.S. AISI 316	25 Mtrs	
01	STORMRAIL PIPE (32NB SCH40)	S.S. AISI 316	100 Mtrs	
			TOTAL	

### MATERIAL LIST FOR GUARDRAIL AT 01 & 02 DECK

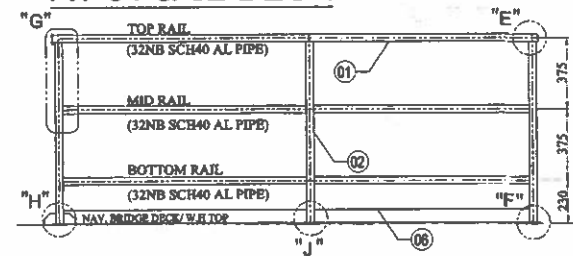
Sr. NO.	DESCRIPTION	MATL.	TOTAL QTY.	REMARK
06	KICK PLATE (90X3 THK)	ALUMINUM	40 Mtrs.	
05	BRACKET (100X100X6 THK)	ALUMINUM	50 Nos.	
04	END PLATE FOR HANDRAIL (Ø60X4 THK)	ALUMINUM	50 Nos.	
03	PAD (100X100X12 THK)	ALUMINUM	90 Nos.	
02	HORIZONTAL PIPE (32NB SCH40)	ALUMINUM	300 Mtrs.	
01	VERTICAL PIPE (32NB SCH40)	ALUMINUM	90Mtrs.	
			TOTAL	

### LOCATION OF GUARDRAIL AT 10 DECK

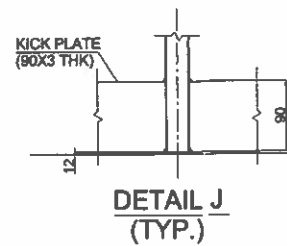
Sr. No.	LOCALITY	STNCHN. TYPE '1'	STNCHN. TYPE '2'	STNCHN. TYPE '21'	STAY	TURN BUCKLE	WIRE-#14 ROPE:M.	WIRE-#10 ROPE:M.	WIRE-ROPE PIECES	REMARKS
1	10 DK. WEATHER DK#02 QUARTER DK	27	15	-	27	84	46	92	45	
2	10 DK. WEATHER DK#01 FOXLE DK	20	30	1	22	126	72	144	60	
	TOTAL	47	45	1	49	210	118	236	105	
	EXTRA	13	10	1	11	50	102	94	-	
	GRAND TOTAL	60	55	2	60	260	220	330	-	



### TYPICAL DETAIL OF GUARDRAIL AT 01 & 02 DECK

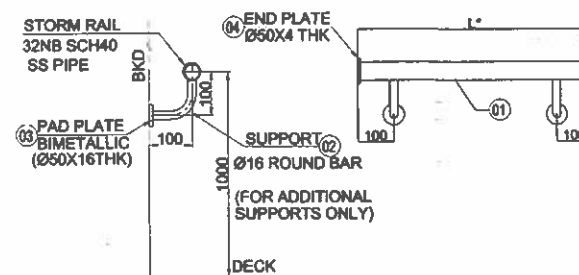


TYP. SECTION OF GUARD RAIL WITH BRACKET  
DETAIL H (TYP.)



DETAIL J (TYP.)

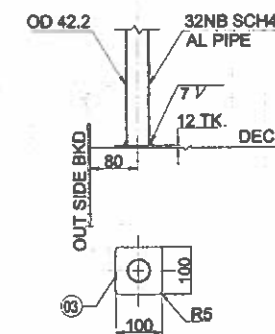
### TYP. SECTION OF STORM RAIL



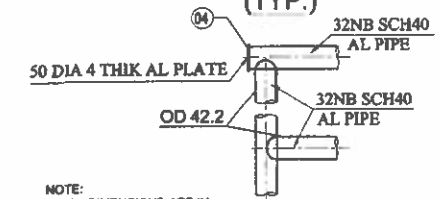
DRAWING APPROVED BY ABS VIDE LETTER NO.W00284778 DATE:-28-MAY-2025

DRAWING APPROVED BY IRS VIDE LETTER NO.E-254513-345016 DATE:-30-MAY-2025

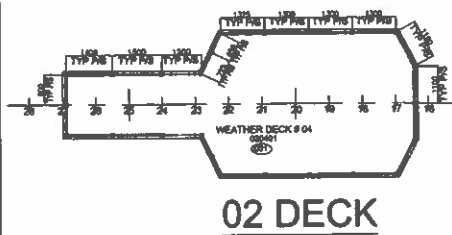
DETAIL F (TYP.)



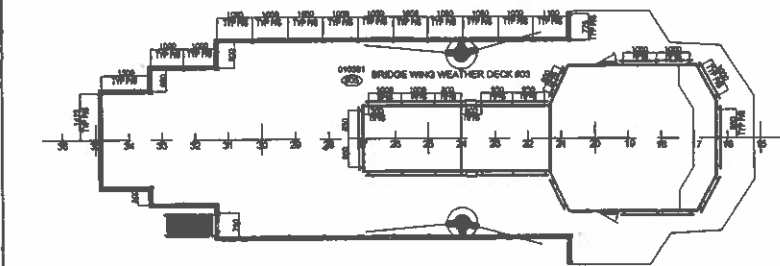
DETAIL G (TYP.)



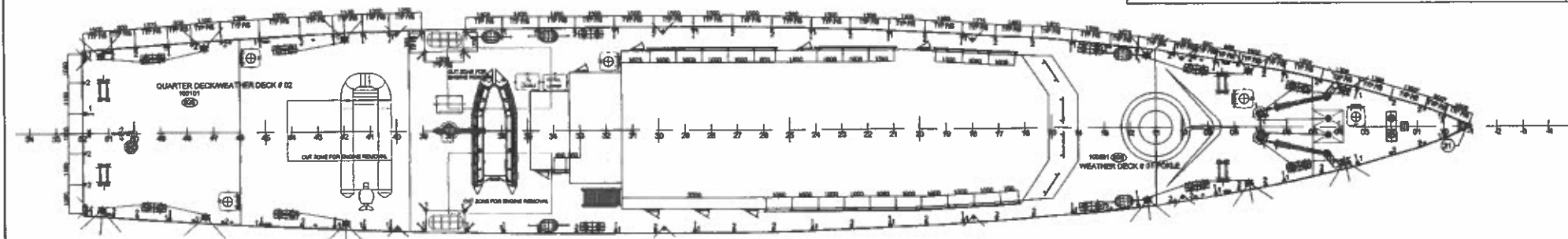
NOTE:  
 1. ALL DIMENSIONS ARE IN MM.  
 2. \* IS MENTION FOR DIMENSION WHICH ARE SUIT AT SITE.  
 3. YARD TO ENSURE THAT BRACKETS ARE TO BE GIVEN AT EVERY THIRD STANCHION  
 4. KICK PLATE ARE TO BE PROVIDED AT BRIDGE DECK. (For Yard Info.)  
 5. EARTHING/BONDING STRAPS SHALL BE PROVIDED FOR COLLAPSIBLE / REMOVABLE GUARDRAIL STANCHIONS.  
 6. CHAIN LENGHT FOR SECURING DROP NOSE PIN TO BE SUIT AT SITE & CHAIN LOCKED WITH M8 BOLT.  
 7. RIVETING TO BE CARRIED OUT ON ALL END FITTINGS OF GUARDRAIL. RIVET MATERIAL- STAINLESS STEEL.  
 8. MINIMUM YIELD STRENGTH OF UNWELDED ALUMINUM IS 240 N/mm²  
 MINIMUM ULTIMATE STRENGTH OF WELDED ALUMINUM IS 185 N/mm²  
 9. ALUMINUM MATERIAL SHALL CONFORM TO IS:733 (Designation 64430,74530) OR GRADE 6062 (T6) OR EQUIVALENT SUITABLE FOR MARINE APPLICATION.



02 DECK



01 DECK



10 DECK

SAP No.15000000000089634 MATERIAL FOR GUARD RAIL  
 SAP No.15000000000089643 MATERIAL FOR STORM RAIL/HAND RAIL

THIS DRAWING IS APPLICABLE FOR ALL FPVs 14 SHIP'S.

NO.	REVISION	DATE	BY	CHKD.	APPD.	REMARKS
05	THE COMMENTS RECEIVED FROM ABS VIDE DMAIL DATED 24 FEB 2025 & IRS VIDE DMAIL DATED 25 FEB 2025 & COHD VIDE EMAIL DATED 03 MAR 2025 HAVE BEEN INCORPORATED					
04	THE COMMENTS RECEIVED FROM COHD LETTER SA/0180/14 FPVA/HA/14 DTD 18 JULY 2025 HAVE BEEN INCORPORATED					
03	THE COMMENTS RECEIVED FROM COHD VIDE EMAIL DATED 02 JULY 2025 HAVE BEEN INCORPORATED					
02	ALL COMMENTS INCORPORATED AS PER IRS LETTER No.E-254513-345016 DATED 30 MAY 2025 & ABS LETTER No:W00284778 DATED 28 MAY 2025 ALL COMMENTS INCORPORATED AS PER COHD LETTER SA/0180/14 FPVA/HA/14 DTD DATED 14 MAY 2025					
01	ALL COMMENTS INCORPORATED AS PER IRS LETTER No.E-254513-338348 DATED 11 APR 2025 & ABS LETTER No:W00248048 DATED 08 APR 2025					

Rev.	Description	Auth.	Date	Sign
	Mazagon Dock Shipbuilders Limited			
	CLIENT: INDIAN COAST GUARD			
	SHIP: FPV			
	TITLE: GUARD RAIL & HAND RAIL/STORM RAIL ARRANGEMENT ON WEATHER DECKS			
	RESTRICTED			
SCALE: 1=100	NAME: G.S.PANAR	CHECKED: T.S.PATIL	SEC. HEAD: K.RAIPUT	YRD NUMBER: 16501
	DESIGN: D/ANN(D-F)	DWG(D-CF)	CHK(D-F)	DRAWING NUMBER: 1401-01
	DATE: 17/03/2025	SHEET: 1	OF: 2	REV: 5

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 ISSUED TO PLANNING







5	50	<p>SUPPLY OF MATERIAL GUARD RAIL &amp; HAND RAIL STANCHIONS FOR WEATHER DECK AS PER DWG.NO: 1401-01 REV-05 SHEET 1 &amp; 2 - FPV'S. EXCLUDING FOLLOWING SUPPLY OF MATERIAL IN SHEET NO 2, SR. NOS.:1. PAD PLATE BI-METALLIC - 22 NOS (SR. NO. 22) 2. DIA 10 PVC COATED GALVANISED FSWR (6X12 CONST.) - 330 MTR (SR. NO. 10B) 3. DIA 14 PVC COATED GALVANISED FSWR (6X12 CONST.)-220 MTR (SR. NO. 10A) 4. END FITTING - 260 NOS (SR NO. 11)</p> <p>5. SCREW WITH SLIP - 260 NOS (SR NO. 12)</p> <p>NOTE: 1 SET CONSISTS SUPPLY OF MATERIAL FOLLOWING LINE ITEMS:SHEET 1: SUPPLY OF MATERIAL FOLLOWING LINE ITEMS:SHEET 1 OF 2:1. VERTICAL PIPE (32 NB SCH 40) - 90 MTRS 2. HORIZONTAL PIPE (32 NB SCH 40) - 300 MTRS 3. PAD (100X100X12 THK) - 90 NOS 4. END PLATE FOR HAND RAIL (DIA 50X4 THK) - 50 NOS 5. BRACKET (100X100X6 THK) - 50 NOS 6. KICK PLATE (90X3 THK) - 40 MTRS.</p> <p>SHEET 2: SUPPLY OF MATERIAL FOLLOWING LINE ITEMS:SHEET 2 OF 2 :1. REMOVABLE TYPE STANCHION WITH STAY - 60 NOS 2. REMOVABLE TYPE STANCHION WITHOUT STAY - 55 NOS 3. HINGE STANCHION SHOES - 115 NOS 4. EYE LUG ON HINGE STANCHION - 220 NOS 5. BASE ON HINGE STANCHION - 120 NOS 6. STAY &amp; SHOE - 60 NOS 7. CHAIN (RIGGING) OPEN LINK DIA 10 - 140 MTRS 8. SHACKLE BOW - 260 NOS 9. LONG LINK 40X20X DIA 12 - 260 NOS 13. HOOK DIA 10 ROD - 120 NOS 14. SECURING HOOK FOR PASSING (WITH M10 NUT &amp; WASHER III) - 160 NOS 15. EYE PLATE - 22 NOS 16. M10 NUT BOLT &amp; WASHER III - 65 NOS 17. DIA 10 DROP NOSE PIN - 65 NOS 18. DIA 16 DROP NOSE PIN - 220 NOS 19. CHAIN FOR SECURING DROP NOSE PIN - 80 MTRS 20. BOLT FOR SECURING CHAIN (M8) - 300 NOS 21. REMOVABLE TYPE STANCHION WITH DOUBLE STAY - 2 NOS</p>	6	SET	16509 to 16514								
6	60	<p>SUPPLY OF MATERIAL STORM RAIL/HAND RAIL FOR WEATHER DECK AS PER DWG.NO: 1401-01 REV-05 SHT 1 EXCLUDING SUPPLY OF MATERIAL IN SHEET NO. 1 SR. NO. 03 OF MATERIAL LIST FOR STORM RAIL (PAD PLATE BI-METALLIC DIA 50 X 16 THK 85 NOS).</p> <p>NOTE: 1 SET CONSISTS SUPPLY OF MATERIAL FOLLOWING LINE ITEMS: SHEET 1 OF 2: SUPPLY OF MATERIAL FOLLOWING LINE ITEMS</p> <p>1. STORMRAIL PIPE (32 NB SCH 40) - 100 MTRS  2. SUPPORT ROUND BAR (DIA 16MM) - 25 MTRS  4. END PLATE FOR STORMRAIL (DIA 50X4 THK) - 60 NOS</p>	6	SET	16509 to 16514								