

DUPLEX STRAINERS

Note: Multi body castings can be assembled together to make single duplex strainer. Please see reference pictures below.



Note: Bidder can design duplex strainer using any methodology/ valve/ change over mechanism. Sizes of the strainers are to be as compact as possible (within limiting dimensions mentioned in tender) with minimum weight & Cost.



Note: All the above pictures and drawings mentioned in the tender are only for pictorial representation purpose. Bidders to design duplex strainers either single body/ multiple bodies casting/ fabricated etc within limiting dimensions.

All other details like Material of construction, area ratio, hole sizes etc., are to be as per tender requirements.

ADDITIONAL TERMS AND CONDITIONS (ATC)

Mazagon Dock Shipbuilders Limited invites competitive bids from reputed Bidders / Suppliers in two bid system (Part-I Techno Commercial Bid and Part-II Price Bid) on GeM (Government e Marketing) [<http://gem.gov.in>] for the following Scope of Work / Supplies, terms and conditions:

1. DESCRIPTION OF WORK: Procurement of Strainers for Y-16101 of Training Ship of Indian Coast Guard Project.

2. PRE-QUALIFICATION CRITERIA:

Commercial Pre-Qualification Criteria:

- (i) The average annual financial turnover of 'The bidder' during the last three years, ending 31st March of the previous financial year excluding the calendar year of tendering should be at **Rs. 52,50,000/-** as per the annual report (audited balance sheet and profit and loss account) of the relevant period, duly authenticated by a Chartered Accountant/Cost Accountant in India.
- (ii) Bidders Shop and establishment registration certificate or registration certificate from registrar of firms or certificate of incorporation from Registrar of Companies.

3. EARNEST MONEY DEPOSIT(EMD): EMD shall be submitted as per GEM Terms & condition. EMD exemption is as per GEM conditions, bidders shall submit valid EMD/EMD Exemption Certificate at the time of bidding only. In case valid exemption certificate is not submitted along with original bid then bid will be rejected.

EMD is also exempted for the bidder's permanent registered with MDL. To qualify for EMD exemption, firms should necessarily submit **valid copy of the Registration Certificate issued by MDL, for Strainers/ Material group F007010 for which the offer is being submitted**, in Part-I offer/ bid. Firms in the process of obtaining MDL registration will not be considered for EMD exemption.

EMD shall be forwarded to **DGM/PE (CGP), 5th Floor, New Service Block, North Yard, Mazagon Dock Shipbuilders Limited, Shipbuilding Division, Dock Yard Road, Mumbai-400010, Maharashtra** in sealed envelope super scribbling 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:

- a) EMD of unsuccessful bidders will be returned after finalization of the tender and shall be interest free.
- b) 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 for direct bank transfer:

NAME OF BANK A/C HOLDER: MAZAGON DOCK SHIPBUILDERS LTD

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

4. 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 bid opening:

- (i) Bids received after tender closing date and time.
- (ii) Bids received other than through e-portal (in case of e-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).
- (v) In single stage Two Bid system non submission of either Technical Bid or Financial Bid for Manual Tender.

b) **Liable for Rejection Criteria:**

- (a) Bids received without Integrity Pact duly signed by the bidder on each page.
- (b) Non-compliance/non-acceptance to any of the terms and conditions of the tender shall render the bid liable for rejection.

5. 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) EMD/ Valid Exemption Certificate as per tender terms
 - (ii) Integrity Pact (Original to be couriered immediately)
 - (iii) Local Content declaration
 - (iv) Copy of turn over as specified in the tender terms.
 - (v) Other Technical Documents
- b) **Part-II (Price Bid):** Prices for each of the listed items has to be uploaded on GEM.

6. 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.

7. 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
Strainers	MDL Anik Chembur store/Dockyard road (Mumbai)/Nhava Yard

- 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:** Not Applicable
- d) It is mandatory to quote for all line items for the respective group for which offer being submitted as per tender, in case it is found after opening of price bids that the price quoted for a particular line item of the group is 'zero' then supplier has to supply this/these items free of cost to MDL.

8. Delivery Period/Contract Period:

Delivery Period / Contract Period: Delivery/contract period shall be as per tender:

Yard No.	Tender line item nos.	Delivery period from PO
Y-16101	1 to 6	PO + 03 months
	7 to 12	PO + 13 months
	13 to 17	PO + 22 months

Note

Material will be accepted 60 days before contractual delivery date only. Early delivery will not be accepted by MDL for the respective line items.

Part Delivery: MDL will prefer to have the entire Equipment / Item within the stipulated delivery period and discourage the part delivery & part payment thereof. However, in exceptional circumstances, Lot/part supply will be considered as discussed in TNC meeting.

The delivery dates mentioned against each line item/service are for indicative purpose. The delivery/contract schedule given at above para shall be considered for all purposes.

9. F.E. ELEMENTS: FERV will not be reimbursed by MDL.

10. TAXES & DUTIES: As per GEM Terms & conditions. **However, Custom duty will not be reimbursed by MDL.**

11. MODE OF DISPATCH: Road/Rail/Air/Sea.

12. CONSIGNEE:

(a) Material scheduled for delivery are to be delivered at MDL (Anik / Sewri / Bond / Electronic 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.
- 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.

13. INSPECTION:

(a) Pre-dispatch inspection will be carried out by NABCB (TPI) nominated by MDL during order placement and receipt Inspection will be carried out by MDL.

(b) 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.

(c) **The Third-Party Inspection (TPI) charges shall be borne by MDL. Hence these charges shall not be included in the bidder's quote.**

- (d) 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.
- (e) **Receipt Inspection:** MDL shall carry out necessary inspection of the items on receipt in the MDL & CGP reps 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.
- (f) **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.

14. PAYMENT TERMS: As per GEM terms & conditions.

15. WARRANTY/GUARANTEE:

- (a) The items supplied shall be warranted / guaranteed for satisfactory Performance for the period of 24 months from delivery to MDL store.
- (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 item supplied, the supplier/ contractor will have to rectify such defects immediately at no extra cost to MDL.

16. LIQUIDATED DAMAGES (LD): As per GEM terms & conditions.

17. INTEGRITY PACT (IP) (REFER ATTACHED ANNEXURE AT THE END OF ATC):

The Integrity pact essentially envisages the agreement between prospective vendors / bidders & buyers committing the person/officials of both the parties not to exercise any corrupt influence on any aspects of the contract. Only those vendors/bidders who enter into such an integrity pact with the buyer would be competent to participate in the bid. The format of integrity Pact is enclosed with tender documents. IP shall be submitted on plain paper.

The 'Integrity pact' dully filled as per enclosed format to be submitted along with the offer. Each page of Integrity Pact shall be duly signed by the bidder. In case of non-submission of Integrity Pact by the bidders, duly signed on each page, with Part-I of the bid, shall render the bid liable for rejection.

The original IP to be submitted or couriered to MDL within 15 days after tender closing date.

Address: DGM/PE (CGP), 5th Floor, New Service Block, North Yard, Mazagon Dock Shipbuilders Limited, Shipbuilding Division, Dock Yard Road, Mumbai-400010, Maharashtra

INDEPENDENT EXTERNAL MONITORS (IEM):

Presently the panel consisting of the following Independent External Monitors (IEMs) has been appointed by MDL, in terms of Integrity Pact (IP) which forms part of MDL Tenders / Contracts.

- i) Shri M.N.Krishnamurthy, IPS (Retd.) - Email ID: krishnamurthymn19@gmail.com

ii) Shri Deepak Kashyap, IRTS (Retd)- Email id : deepakkashyapnd02@gmail.com

This panel is authorized to examine / consider all references made to it under this tender / contract. The bidder(s), in case of any dispute(s) / complaint(s) pertaining to this tender falling under provisions of Integrity Pact may raise the same directly with the IEMs on the panel viz Shri M.N.Krishnamurthy, IPS(Retd.) Email ID: krishnamurthymn19@gmail.com; Shri Deepak Kashyap, IRTS (Retd) Email ID : deepakkashyapnd02@gmail.com.

18. LAND BORDER:

- a) This clause is applicable for bidders from a country which shares a land border with India" for the purpose of this order means: -
 - (i) An entity incorporated, established or registered in such a country; or
 - (ii) A subsidiary of an entity incorporated, established or registered in such a country;
 - (iii) An entity substantially controlled through entities incorporated, established or registered in such a country; or
 - (iv) An entity whose beneficial owner is situated in such a country; or
 - (v) An India (or other) agent of such an entity; or
 - (vi) A natural person who is a citizen of such a country; or
 - (vii) A consortium or joint venture where any member of the consortium or joint venture falls under any of the above.
- b) Bidders from a country sharing land border with India shall Mandatorily require registration with registration Committee by the Department for promotion of Industry and Internal Trade (DPIIT). Registration shall not be applicable for the bidders from those country to which the Government of India has extended Line of credit or in which the government of India is engaged in development project.
- c) Order issue by ministry of Finance department of expenditure Vide OM 6/18/2019-PPD dated 23 July 2020 and 24 July 2020 and OM no. F.7/10/2021-PPD (1) dtd. 23.02.2023 shall be applicable.

19. BOOK EXAMINATION CLAUSE:

In case it is found to the satisfaction of the BUYER that the seller has engaged an Agent or paid commission or influenced any person to obtain the contract as described in clauses relating to Agents/Agency commission and penalty for use of undue influence, the seller, on a specific request of the buyer shall provide necessary information/Break-up data/ inspection of the relevant financial documents/information.

20. INDEMNIFICATION:

The Bidder / Supplier / Contractor, his employees, licensees, agents or Sub-Supplier / Subcontractor, while on site of the Purchaser for the purpose of this contract, indemnifies the Purchaser against direct damage and/or injury to the property and/or the person of the Purchaser or that of Purchaser's employees, agents, Sub-Contractors / Suppliers occurring and to the extent caused by the negligence of the Bidder / Supplier / Contractor, his employees, licensees, agents or Subcontractor by making good such damages to the property, or compensating personal injury and the total liability for such damages or injury shall be as mutually discussed and agreed to.

21. PURCHASER'S PROPERTY:

All property (such as materials, drawings, documents etc) issued by the Purchaser or any other individual or firm on behalf of the Purchaser in connection with the contract shall remain confidential, being the property of the Purchaser and the Bidder/Supplier/Contractor shall undertake to return all such property so issued and will be responsible for any or all loss thereof and damage thereto resulting from whatever causes and shall reimburse the Purchaser the full amount of loss and damage.

22. OTHER TERMS & CONDITIONS: Offer of the bidders who are debarred by MDL or issued tender holiday by MDL shall be rejected.

23. CONTACT DETAILS: In case of any clarifications regarding specification, bidders are requested to contact the following person, before the closing date of the tender.

Technical	Mr. Prasanthi, DM(Design-Engg)	022 2376 3043	prasanthig@mazdock.com
Commercial	Mr. Vishal Salvi, M(Commercial-P15B)	022 2376 2760	vmsalvi@mazdock.com

Note:

- Bidder not complying with the tender terms will fall under liable for rejection or as stated therein.
- Firm has to submit the contact details like E-mail address, Name of the person, Phone number for further communications.

INTEGRITY PACT (IP) FORMAT

Mazagon Dock Shipbuilders Limited (MDL) hereinafter referred to as "**The Principal/Buyer**"

And.....hereinafter referred to as "**The Bidder/ Contractor**"

Preamble

	<p>The Principal/Buyer intends to award, under laid down organizational procedures, contract/s for GEM/2025/B/5912712 dtd. 11.02.2025. The Principal/Buyer values full compliance with all relevant laws of the land rules, regulations, economic use of resources and of fairness / transparency in its relations with its Bidder(s) and /or Contractor(s).</p> <p>In order to achieve these goals, the Principal/Buyer will appoint an Independent External Monitor (IEM), who will monitor the tender process and the execution of the contract for compliance with the principles mentioned above.</p>
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Section 1 - Commitments of the Principal/Buyer:

(1)	<p>The Principal/Buyer commits itself to take all measures necessary to prevent corruption and to observe the following principles:</p> <p>a) No employee of the Principal/Buyer, personally or through family members, will in connection with the tender for, or the execution of a contract, demand, take a promise for or accept, for self or third person, any material or immaterial benefit which the person is not legally entitled to.</p> <p>b) The Principal/Buyer will during the tender process treat all Bidder(s) with equity and reason. The Principal/Buyer will in particular, before and during the tender process, provide to all Bidder(s) the same information and will not provide to any Bidder(s) confidential/additional information through which the Bidder(s) could obtain an advantage in relation to the tender process or the contract execution.</p> <p>c) The Principal/Buyer will exclude from the process all known prejudiced persons.</p> <p>d) The Principal/Buyer undertakes to scrupulously follow the tender containing Standard Terms & Conditions (STAC) and General Terms & Conditions (GT&C) in respect of procurement contracts for goods, services and civil works.</p>
(2)	<p>If the Principal/Buyer obtains information on the conduct of any of its employees which is a criminal offence under the relevant Anti Corruption Laws of India, or if there be a substantive suspicion in this regard, the Principal/Buyer will inform the Chief Vigilance Officer, MDL and in addition can initiate disciplinary actions.</p>

Section 2 - Commitments of the Bidder(s)/Contractor(s):

(1)	<p>The Bidder(s)/Contractor(s) commit himself to take all measures necessary to prevent corruption. He commits himself to observe the following principles during his participation in the tender process and during the contract execution.</p> <p>a) The Bidder(s)/Contractor(s) will not, directly or through any other persons or firm, offer promise or give to any of the Principal/Buyer's employees involved in the tender process or the execution of the contract or to any third person any material or other benefit which he/she is not legally entitled to, in order to obtain in exchange any advantage or any kind whatsoever during the tender process or during the execution of the contract.</p> <p>b) The Bidder(s)/Contractor(s) will not enter with other Bidders into any undisclosed agreement or understanding, whether formal or informal.</p> <p>This applies in particular to prices, specifications, certifications, subsidiary contracts,</p>
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		submission or non-submission of bids or any other actions to restrict competitiveness or to introduce cartelization in the bidding process.
	c)	The Bidder(s)/Contractor(s) will not commit any offence under the relevant Anti-Corruption Laws of India; further the Bidder(s)/Contractor(s) will not use improperly, for purposes of competition or personal gain, or pass on to other, any information or document provided by the Principal/Buyer as part of the business relationship, regarding plans, technical proposals and business details, including information contained or transmitted electronically.
	d)	The Bidder(s)/Contractor(s) of foreign origin shall disclose the name and address of the Agents/representatives in India, if any. Similarly, the Bidder(s)/Contractor(s) of Indian Nationality shall furnish the name and address of the foreign principals, if any. All payments made to the Indian Agent/representative have to be in Indian Rupees only. Further details as mentioned in the "Guidelines of Indian Agents of Foreign suppliers" shall be disclosed by the Bidders(s)/Contractor(s). Copy of the "Guidelines on Indian Agents of Foreign Suppliers" as annexed and marked as Annexure-A.
	e)	The Bidder(s)/Contractor(s) will when presenting his bid, disclose any and all payments he has made, is committed to or intends to make to agents, brokers or any other intermediaries in connection with the award of the contract.
	f)	The Bidder (s)/Contractor(s), their agents, representatives shall not do such things so as to interfere with the procedures laid down in the Principal/Buyer's tender containing the Standard Terms and Conditions (STAC) and General Terms and Conditions (GT&C) in respect of procurement contracts for goods, services and civil works.
	g)	The Bidder commits to refrain from giving any complaint directly or through any other manner without supporting it with full and verifiable facts.
(2)		The Bidder(s)/Contractor(s) will not instigate third persons to commit offences outlined above or be an accessory to such offences.

Section 3 - Disqualification from tender process and exclusion from future contracts:

	If the Bidder(s)/Contractor(s) before contract award or during execution of Contract has committed a transgression through a violation of Section 2, above or in any other form such as to put his reliability or credibility as Bidder(s) in question, the Principal/Buyer is entitled to disqualify the Bidder(s)/Contractor(s) from the tender process or to terminate the contract, if already signed for such reason, as per the procedure mentioned in the "Guidelines on Banning of business dealings" Copy of the "Guidelines on Banning of business dealings" is annexed and marked as Annexure-B.
	1) If the Bidder(s)/Contractor(s) has committed a transgression through a violation of Section 2 such as to put his reliability or credibility into question, the Principal/Buyer is entitled also to exclude the Bidder(s)/Contractor(s) from future contract award processes. The imposition and duration of the exclusion will be determined by the severity of the transgression. The severity will be determined by the circumstances of the case, in particular the number of transgressions, the position of the transgressors within the company hierarchy of the Bidder(s) and the amount of the damage. The exclusion will be imposed for a minimum of <u>six</u> months and maximum of <u>five</u> years, which may be further extended at the discretion of the Principal/Buyer.
	2) A transgression is considered to have occurred, if the Principal/Buyer after due consideration of the available evidence, concludes that no reasonable doubt is possible.
	3) The Bidder (s) accepts and undertakes to respect and uphold the Principal/Buyer's absolute right to resort to and impose such exclusion and further accepts and undertakes not to challenge or question such exclusion on any ground, including the lack of any hearing before the decision to resort to such exclusion is taken. This undertaking is given freely and after obtaining legal advice.

	4) If the Bidder(s)/Contractor(s) can prove that he has restored/ recouped the damage caused by him and has installed a suitable corruption prevention system, the Principal/Buyer may revoke the exclusion prematurely.
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Section 4 – Sanctions for Violation:

(1)	<p>Any breach of the aforesaid provisions by the Bidder or any one employed by him or acting on his behalf (whether with or without the knowledge of the Bidder) or the commission of any offence by the Bidder or any one employed by him or acting on his behalf, as defined in Chapter IX of the Indian Penal Code, 1860 or the Prevention of Corruption Act 1988 or any other Act enacted for the prevention of corruption shall entitle the Principal/Buyer to take all or any one of the following actions, wherever required –</p> <ul style="list-style-type: none"> a) To immediately call off the pre-contract negotiations without assigning any reason or giving any compensation to the Bidder. However, the proceedings with the other Bidder (s) would continue. b) The Earnest Money Deposit/Security Deposit/Performance Bond shall stand forfeited either fully or partially, as decided by the Principal/Buyer, and the Principal/Buyer shall not be required to assign any reason there for. c) To immediately cancel the contract, if already signed, without giving any compensation to the Bidder. d) To recover all sums already paid by the Principal/Buyer, in case of an Indian Bidder with interest thereon at 2% higher than the prevailing Base Rate of SBI, and in case of a Bidder from a country other than India with interest thereon at 2% higher than the LIBOR. If any outstanding payment is due to the Bidder from the Buyer in connection with any other contract for any other Defence stores, such outstanding payment could also be utilized to recover the aforesaid sum and interest. e) To en-cash the advance Bank Guarantee and Performance Bond/Warranty bond, if furnished by the Bidder, in order to recover the payments, already made by the Principal/Buyer, along with interest. f) To cancel all or any other contracts with the Bidder. g) To debar the Bidder from entering into any bid from Principal/Buyer for a minimum period of five years, which may be further extended at the discretion of the Principal/Buyer. h) To recover all sums paid in violation of this Pact by Bidder(s) to any middleman or agent or broker with a view to securing the contract. i) If the Bidder or any employee of the Bidder or any person acting on behalf of the Bidder, either directly or indirectly, is closely related to any of the officers of the Buyer, or alternatively, if any close relative of an officer of the Buyer has financial interest/stake in the Bidder's firm, the same shall be disclosed by the Bidder at the time of filing of tender. Any failure to disclose the interest involved shall entitle the Buyer to rescind the contract without payment of any compensation to the Bidder.
	<p>The term 'close relative' for this purpose would mean spouse whether residing with the Principal/Buyer's employee/employees or not, but not include a spouse separated from the Principal/Buyer's employee/employees by a decree or order of a competent court; son or daughter or step son or step daughter and wholly dependent upon Principal/Buyer's employee/employees, but does not include a child or step child who is no longer in any way dependent upon the Principal/Buyer's employee/employees or of whose custody the Principal/Buyer's employee/employees has been deprived of by or under any law; any other person related, whether by blood or marriage, to the Principal/Buyer's employee/employees or to the Principal/Buyer's employee/employees wife or husband and wholly dependent upon Principal/Buyer's employee/employees.</p>
	<p>j) The Bidder shall not lend to or borrow any money from or enter into any monetary dealings or transactions, directly or indirectly, with any employee of the Principal/Buyer, and if he does so, the Principal/Buyer shall be entitled forthwith to rescind the contract and all other contracts with the Bidder. The Bidder shall be liable to pay compensation for any loss or damage to the Principal/Buyer resulting from such rescission and the Principal/Buyer shall be entitled to deduct the amount so payable from the money(s) due to the Bidder.</p>
	<p>k) In cases where Irrevocable Letters of Credit have been received in respect of any contract signed by the Principal/Buyer with the Bidder, the same shall not be opened.</p>
(2)	<p>The decision of the Principal/Buyer to the effect that a breach of the provisions of this Integrity</p>

	Pact has been committed by the Bidder shall be final and binding on the Bidder, however, the same Bidder can approach the Monitor(s) appointed for the purposes of this Pact.
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Section 5 - Previous Transgression:

(1)	The Bidder declares that no previous transgressions occurred in the last three years with any other company in any country conforming to the anti-corruption approach or with any other public sector enterprise in India that could justify his exclusion from the tender process.
(2)	If the bidder makes incorrect statement on this subject, he can be disqualified from the tender process or further action can be taken.

Section 6 - Equal treatment of all Bidders/Contractor(s)/Subcontractors:

(1)	The Bidder(s)/Contractor(s) undertake(s) to demand from all subcontractors a commitment in conformity with this integrity Pact, and to submit it to the Principal before contract signing.
2)	The Principal/Buyer will enter into agreements with identical conditions as this one with all bidders, contractors and subcontractors.
(3)	The Principal/Buyer will disqualify from the tender process all bidders who do not sign this Pact or violate its provisions.

Section 7 - Criminal charges against violation Bidder(s)/Contractor(s)/ Subcontractor(s):

(1)	If the Principal/Buyer obtains knowledge of conduct of a Bidder, Contractor or subcontractor, or of an employee or a representative or an associate of a Bidder, Contractor or subcontractor which constitutes corruption or if the Principal has substantive suspicion in this regard, the Principal/Buyer will inform the same to the Chief Vigilance Officer, MDL.
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Section 8 - Independent External Monitor/Monitor:

(1)	The Principal/Buyer appoints competent and credible independent External Monitor for this Pact. The task of the Monitor is to review independently and objectively whether and to what extent the parties comply with the obligations under this agreement.
(2)	The Monitor is not subject to instructions by the representatives of the parties and performs his functions neutrally and independently. He reports to the Chairman & Managing Director of the Principal/Buyer.
(3)	The Bidder(s)/Contractor(s) accepts that the Monitor has the right to access without restriction to all project documentation of the Principal/Buyer including that provided by the Contractor. The Contractor will also grant the Monitor, upon his request and demonstration of a valid interest, unrestricted and unconditional access to his project documentation. The same is applicable to Subcontractors. The Monitor is under contractual obligation to treat the information and documents of the Bidder(s)/Contractor(s)/Subcontractor(s) with confidentiality.
(4)	The Principal/Buyer will provide to the Monitor sufficient information about all meetings among the parties related to the Project provided such meetings could have an impact on the contractual relations, between the Principal/Buyer and the Contractor. The parties offer to the Monitor the option to participate in such meetings.
(5)	As soon as the Monitor notices, or believes to notice, a violation of this agreement, he will so inform the Management of the Principal/Buyer and request the Management to discontinue or take corrective action, or to take other relevant action. The Monitor can in this regard submit non-binding recommendations. Beyond this, the Monitor has no right to demand from the parties that they act in a specific manner, refrain from action or tolerate action. However, the Monitor shall give an opportunity to the Bidder(s)/Contractor(s) to present its case before making its recommendation to the Principal/Buyer.
(6)	The Monitor will submit a written report to the Chairman & Managing Director of the Principal within 8 to 10 weeks from the date of reference or intimation to him by the Principal/Buyer and, should the occasion arise, submit proposals for correcting problematic situations.
(7)	Monitor shall be entitle to compensation on the same terms as being extended to / provided to Independent Directors on the Board of Principal/Buyer.
(8)	If the Monitor has reported to the Chairman & Managing Director of the Principal, a substantiated suspicion of an offence under relevant Anti-Corruption Laws of India and the

	Chairman & Managing Director of the Principal/Buyer has not, within the reasonable time taken visible action to proceed against such offence or reported it to the Chief Vigilance Officer, the Monitor may also transmit this information directly to the Central Vigilance Commissioner, Government of India.
(9)	The word 'Monitor' would include both singular and plural.

Section 9 - Pact Duration:

	<p>This pact begins when both parties have legally signed it. It expires for the Contractor 12 months after the last payment under the contract and for all other Bidders 06 months after the contract has been awarded.</p> <p>If any claim is made / lodged during this time, the same shall be binding and continue to be valid despite the lapse of this pact as specified above unless it is discharged / determined by Chairman & Managing Director of the Principal/Buyer.</p>
--	---

Section 10 - Other provisions:

(1)	This agreement is subject to Indian Law, place of performance and jurisdiction is the Registered Office of the Principal/Buyer, i.e. Mumbai (For MDL). The Arbitration clauses provided in the main tender document/ contract shall not be applicable for any issue/dispute arising under this Integrity pact.
(2)	Changes and supplements as well as termination notices need to be made in writing. Side agreements have not been made.
(3)	If the Contractor is a partnership or a consortium, this agreement must be signed by all partners or consortium members.
(4)	Should one or several provisions of this agreement turn out to be invalid, the remainder of this agreement remains valid. In this case, the parties will strive to come to an agreement to their original intentions.

Section 11 – Fall Clause: #

"The Bidder undertakes that it has not supplied/is not supplying similar products/ systems or subsystems at a price lower than that offered in the present bid in respect of any other Ministry/Department of the Government of India or PSU and if it is found at any stage that similar product/systems or sub systems was supplied by the Bidder to any other Ministry/Department of the Government of India or a PSU at a lower price, then that very price, with due allowance of elapsed time, will be applicable to the present case and the difference in the cost would be refunded by the Bidder to the Principal/Buyer, if the contract has already been concluded."

For & on behalf of

Mazagon Dockshipbuilders Limited

(Office Seal)

Place _____

Date _____

Witness 1:

(Name & Address)

For & on behalf of

Bidder/Contractor

(Office Seal)

Witness 2:

(Name & Address)

CONTACT DETAILS OF BIDDER

Name of Bidder:	
Address:	
Contact Number:	
email id:	

Details of Authorized 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:	



Mazagon Dock
Shipbuilders Ltd.
DOCKYARD ROAD
MUMBAI - 400010

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INDEX OF DRAWINGS & RECORDS

Sr. No.	SHEET. No.	TITLE	REMARKS
1	1	INDEX OF DRAWING AND RECORD	
2	2	DUPLEX STRAINER	
3	3	TECHNICAL REQUIREMENTS	
4	4	QUALITY ASSURANCE PLAN	

TITLE DUPLEX STRAINER (GM)	NAME DESG. SIGN	PREPARED BY	CHECKED BY	APPROVED BY	DOCUMENT / DRAWING NUMBER	REV
		RUPESH.P	PRASANTHI	RAVINDRA.M	9 0 0 5 - 5 0 1	0
		Jr.D'MAN (D-E)	DM (D-E)	CM (D-E)		
					DT.03-SEP-25	SHEET 1 OF 4



Mazagon Dock Shipbuilders Ltd

DOCKYARD ROAD

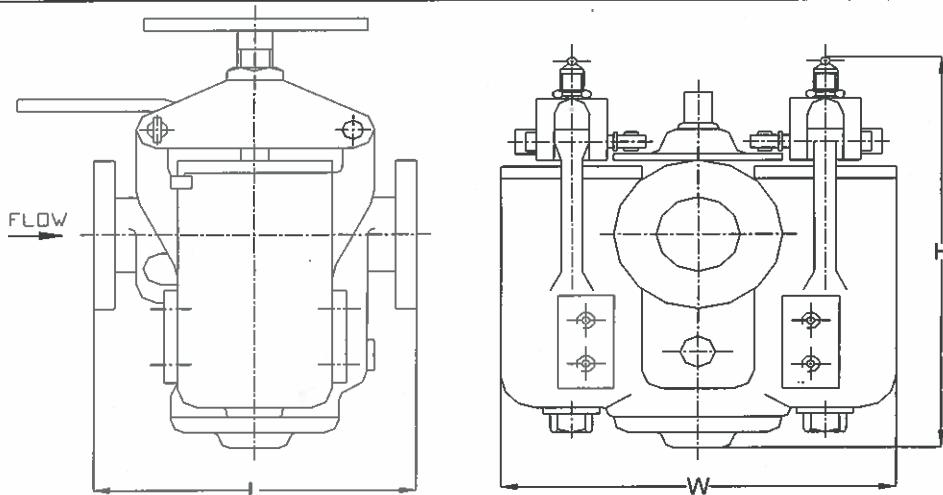
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SR.NO.	NOMINAL 'L' SIZE(mm)	LIMITING DIMENSIONS			FREE AREA BORE AREA	QUANTITY
		L	H	W		
01	65	300	400	500	3	As per PR.
02	80	350	450	550	3	
03	100	400	500	600	3	
04	125	450	570	680	3	
05	200	550	800	940	3	
06	250	575	850	1050	3	
07	300	600	900	1200	3	

GENERAL SPECIFICATION	
FLUID HANDLED	SEA WATER
CONNECTING PIPE SPECIFICATION	90/10 CU-NI PIPE
END CONNECTION	FLANGED BS 4504 3.3
FLANGE FACE	FLAT FACE
WORKING PRESSURE kg/cm ² (WP)	5
FLOW VELOCITY m/s	3-4
PRESSURE DROP kg/cm ²	0.02 Max
FREE AREA / BORE AREA RATIO	3 (2mm/3mm/4mm/6mm Hole size for strainer element)
BODY & COVER MATERIAL	GUN METAL to BS 1400 LG 4C
INSERT WITH SCREEN	90/10 CUPRO NIKHIL/STAINLESS STEEL SS 316
BOLTS /NUTS	AL.BRONZE TO BS 2872/74 CA 104
GASKET	ASBESTOS FREE (BS 7531)
DRAIN & VENT PLUG	AL.BRONZE BS 2872 /74 CA 104
HYDRO TEST PRESSURE	2*WP
PAINTING /S.TREATMENT	SHOT BLASTED, PRIMED &PAINTED (MARINE GRADE)
INSPECTION	THIRD PARTY INSPECTION AS PER APPROVED QA PLAN

NOTE :-

- 1) STRAINER TO BE AS COMPACT AS POSSIBLE WITH MINIMUM WEIGHT.
- 2) INSPECTION SHALL BE BY TPI APPOINTED BY MDL.

SCALE:- NTS

TITLE	PREPARED BY	CHECKED BY	APPROVED BY	DOCUMENT / DRAWING NUMBER		REV
				9 0 0 5	5 0 1	
DUPLEX STRAINER (GM)	RUPESH.P	PRASANTHI	RAVINDRA.M			
	DES.G.	DM (D-E)	DM (D-E)			
	SIGN.	<i>Rupesh</i>	<i>Prasanthi</i>	<i>RAVINDRA.M</i>	DT.09.09.2025	SHEET 2 OF 4



**Mazagon Dock
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TECHNICAL REQUIREMENTS

GENERAL DESIGN REQUIREMENT:-

- 1) The strainers are to be designed to offer minimum pressure drop during flow. Care is to be taken to avoid complications in operating or sudden change in section.
- 2) An arrow to be embossed on the body to indicate the direction of flow.(As applicable)
- 3) Body need not be from single casting multiple casting can be used.
- 4) Flanges are to conform to BS 4504 SEC. 3.1(Steel) or 3.3 (Copper Alloys) for pressure ratings (PN10) and shall have flat faces. All threading shall be BSP parallel conforming to BS 21. The machined surfaces are to be covered with suitable coating to prevent corrosion during shipment & storage.
- 5) The supplier shall provide free area/bore area ratio for all strainers.
- 6) Supplier to provide pressure drop calculations
- 7) Strainers shall be provided with lifting points where ever appropriate. If lifting gear is required to move components, it shall be used only on the lifting points provided.
- 8) Strainers shall be fitted with zinc protectors.
- 9) All duplex strainers shall be fitted with drain and vent plugs.
- 10) A balance cock or valve that separates the strainer chambers and permits changeover without hydraulic shock shall be provided.
- 11) **STRAINER BODY MARKING:**
Body marking shall be integral with the body or on a stainless steel (SS316) Plate securely fixed to the body. The marks shall be clear & distinct for identification & shall contain the following details:
 - (a) Strainer type
 - (b) Nominal size
 - (c) Nominal pressure rating
 - (d) Body material designation
 - (e) Manufacturer's name or Trade mark
 - (f) Markings to indicate open or closed condition if applicable
 - (g) Project name, Order No. , Fitting No.
 - (h) All strainer's inlet & outlet ports shall be marked. Also a raised arrow shall be cast on each side of the strainer body indicating the direction of flow.

TITLE DUPLEX STRAINER (GM)		PREPARED BY	CHECKED BY	APPROVED BY	DOCUMENT / DRAWING NUMBER	REV
	NAME	RUPESH.P	PRASANTHI	RAVINDRA.M	9 0 0 5 - 5 0 1	0
	DESG.	Jr.D'MAN (D-E)	DM (D-E)	CM (D-E)		
	SIGN					



**Mazagon Dock
Shipbuilders Ltd.**
DOCKYARD ROAD
MUMBAI - 400010

Ref. No. : 00000000000000000000000000000000

Ref. No. : 00000000000000000000000000000000

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DRAFT QUALITY ASSURANCE PLAN

Sr.No.	Description	Ref. Document/ Specification	Type of Check	Classification	Quantum of Check	Format of Record	Inspection Authority	Remarks
1	Material Identification (MIL Certificate to be Submitted.)	AS PER APPROVED DRG.	a) Chemical Properties b) Physical Properties	Major - do -	One sample per lot / batch	Lab Report	TPI	One test piece per lot/batch shall be tested for chemical & physical properties at Govt. lab / NABL Approved lab.
2	Final inspection :- a) Visual & Dimensional Inspection b) Surface Finish c) D.P. Test d) Hydro testing	MDL approved drg.	Visual & Dimensions	Major	100 % 100 % 100 % 100 %	QC Report MTC Report	TPI	To be witnessed by TPI.
3	a) Packing b) Weight Certificate	As per P.O. Terms & Conditions		Minor	100 %	QC Report	TPI	
4	a) Preservation & Packing b) Compliance Certificate	As per P.O. Terms & Conditions		Minor - do -	100 % 100 %	QC Report - do -	TPI	TPI to Review Prior to Despatch

* All certificate are to be submitted along with supplies.

TITLE	PREPARED BY	CHECKED BY	APPROVED BY	DOCUMENT / DRAWING NUMBER		REV
				NAME	NAME	
DUPLEX STRAINER	RUPESH P	PRASANTHI	RAVINDRAM	9 0 0 5	5 0 1	0
(GM)	Jr.D'MAN (D-E)	DM (D-E)	DM (D-E)			
SIGN.				DT.03-SEP-25	SHEET 4 OF 4	