

MORMUGAO PORT AUTHORITY
MARINE DEPARTMENT, SE[M]-Section

NOTICE INVITING BUDGETARY QUOTATIONS

“Shore Lay-Up of Pilot Launch ‘ML-Shingle’ at Mormugao Port Authority”

DC/SE(M)/71/10-1/2022

Name of Work	Shore Lay-Up of Pilot Launch ‘ML-Shingle’ at Mormugao Port Authority
Date of submission of budgetary quotation	On or before on 25.10.2022 at 1500 Hrs.
Address for communication & submission of bid	Deputy Conservator, Marine department, 1 st floor, AO Bldg, Headland Sada, Mormugao Port Authority, Mormugao, Goa – 403804.
Contact Details	Phone :0832-2594816 / 0832-2594804 E-mail: dc@mptgoa.gov.in , hm@mptgoa.gov.in
Website	www.mptgoa.gov.in

Bidders are requested to submit their Budgetary Quotations as per enclosed format at **ANNEXURE – A, B & C** to enable us to arrive an estimated cost for tendering.

Budgetary Quotation should be addressed to the “Deputy Conservator”, Marine department, 1st floor, AO Building, Headland Sada, Mormugao Port Authority, Mormugao, Goa – 403804

Scope-of-work

1.0 GENERAL

Mormugao Port Authority invites Budgetary Quotation for the work of “**Shore Lay-Up of Pilot Launch ‘ML-Shingle’ at Mormugao Port Authority**”

2 SCOPE OF WORK (SERVICES REQUIRED)

2.1 DESCRIPTION OF ML-SHINGLE

Year of Build	2008
Port of Registry	Chennai
Official No	3583
Light Ship	32.32T
Gross Tonnage	48
Net Tonnage	16
Overall Length	17.15 m
Breadth	5.20 m
Depth(MLD)	2.50 m
Draught (MLD)	1.18 m

2.2 METEROLOGICAL DATA OF MORMUGAO PORT:

- i) Current – Current outside sheltered water is about 1 knot current strength 30-40M/sec.
- ii) Tide Variation -The main tide variation is 1.6 mtrs. aspiring tide and 0.7 mtr. as neap tide.
- iii) Depth of navigation channel is 14.4-14.7 mtrs. and inner channel is 14.1-14.4 mtrs.

3.1 The contractor should provide all the required tools, staff, certified/calibrated testing equipment’s required for Shore Lay-Up of pilot launch ‘ML-Shingle’.

- 1.** Shore docking of pilot ‘ML-Shingle’ to be carried out at MPA berth no 11 Vasco Goa.
- 2.** lifting equipment’s includes D-Shackles, belt slings, wire rope slings, Spreader beam/ Lifting beam of required capacities as detailed at sr. no 2.1 are to be provided by the contractor and should have valid-SWL testing certificate issued by recognized authority.
- 3.** The entire work of Shore Lay-Up of pilot Launch ‘ML-Shingle’ should be in accordance to the requirement/procedure laid down by Dock safety and satisfaction of Chief Engineer, complying with all the safety requirements
- 4.** Approved safety gears shall have to be provided to the personnel by the contractor for the staff engaged.
- 5.** The services required from the contractor includes:
 - i) Arrangement of D-Shackles, belt slings, wire rope slings, Spreader beam/ Lifting beam, and to depute competent workforce required to carryout the entire work.
 - ii) Assembly of D-Shackles, belt slings, wire rope slings, Spreader beam/ Lifting beam in accordance to the requirement of pilot launch ‘ML-Shingle’ for lifting of launch form sea.
 - iii) Shifting of wooden blocks and concrete blocks to secure pilot launch ‘ML-Shingle’ at berth no 11.
 - iv) Disassembling of D-Shackles, belt slings, wire rope slings, Spreader beam/ Lifting beam from pilot launch ‘ML-Shingle’ after shore docking.

3.2 Following services/equipment’s will be provided by MPA.

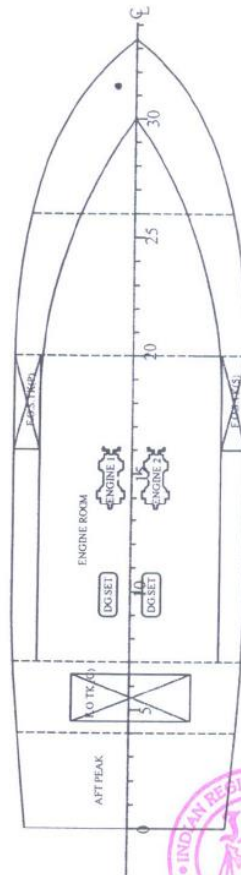
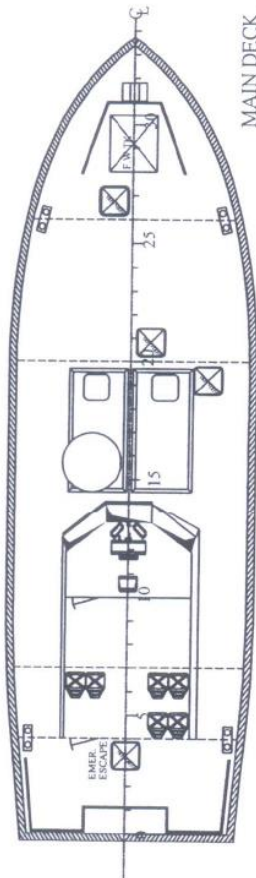
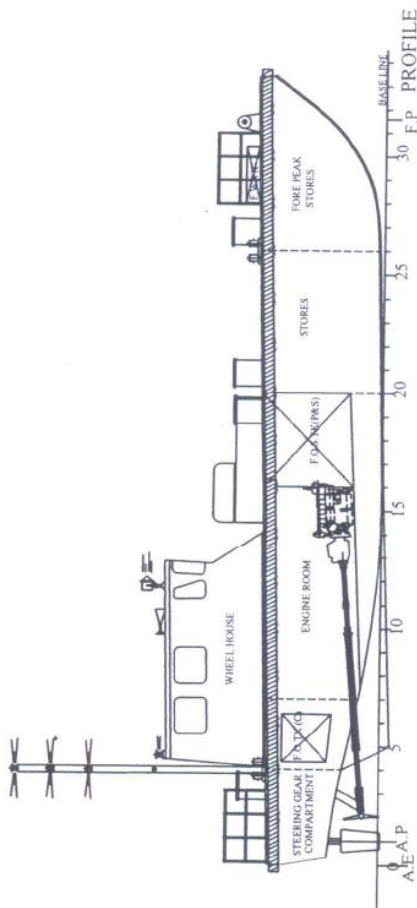
1. Harbour mobile crane of 120T capacity
2. Mobile Crane.
3. Wooden blocks and concrete blocks for securing launch

Note: Bidders is advised to visit the site and study the nature and quantum of work involve, and fully acquainted himself with all the various activities directly and indirectly associated in smoothly executing the contract work.



GENERAL ARRANGEMENT PLAN

<u>MAIN PARTICULARS</u>	
LENGTH OVERALL	: 17.15 m
BREADTH (MLD.)	: 5.20 m
DEPTH (MLD.)	: 2.50 m
DRAFT (MLD.)	: 1.18 m
FRAME SPACING	: 500 mm
CREW COMPLEMENT	: 9
SPEED	: 16 knots
MAIN ENGINE	: 2X450 KW



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SUMMARY RESULTS OF ALL LOADING CONDITIONS					
SL. NO	DESCRIPTION	UNIT	LOADING CONDITIONS		
			LC - 1	LC - 2	LC - 3
1	Lightship weight	t	32.32	32.32	32.32
2	Deadweight	t	0.00	6.35	4.64
3	Displacement	t	32.32	38.67	36.97
4	VCG	m	1.74	1.75	1.75
5	LCG	m	7.01	7.06	7.15
6	LCB	m	7.01	7.06	7.15
7	Trim	cm	69.50	64.40	58.80
8	Mean Draft (T)	m	1.07	1.18	1.15
9	LCF	m	6.84	6.93	6.96
10	(MCT _{1cm})	t.m	0.53	0.58	0.57
11	KM _T	m	3.22	3.09	3.12
12	Taft (BASELINE)	m	1.37	1.46	1.41
13	Tfor'd (BASELINE)	m	0.68	0.82	0.83
14	Taft (DRAFT MARKS)	m	1.57	1.66	1.61
15	Tfor'd (DRAFT MARKS)	m	0.57	0.71	0.71
16	GM _T	m	1.48	1.34	1.37
17	GG ₀	m	0.00	0.01	0.01
18	(G ₀ M _T)	m	1.48	1.33	1.36
19	Area upto 30°	m rad	0.18	0.17	0.17
20	Area upto 40°	m rad	0.30	0.28	0.28
21	Area between 30° & 40°	m rad	0.12	0.11	0.11
22	Max (G ₀ Z)	m	0.70	0.64	0.65
23	Angle at Max (G ₀ Z)	deg	40.68	39.66	39.82
24	Angle of heel due to wind (θ ₀)	deg	3.79	3.46	3.67
25	Angle of roll (θ ₁)	deg	25.57	24.51	24.75
26	Gust wind 2nd intercept (θ _c)	deg	>50.00	78.48	78.49
27	Adopted upper limit (θ ₂)	deg	50.00	50.00	50.00
28	Angle of down flooding (θ _f)	deg	59.28	57.95	58.27
29	Angle of deck immersion (θ _d)	deg	30.35	28.44	28.89
30	Area "a"	m rad	0.17	0.14	0.14
31	Area "b"	m rad	0.29	0.29	0.29
32	Max. permissible VCG/KG	m	2.60	2.55	2.57
33	Available VCG/KG	m	1.74	1.75	1.75
34	Min. permissible GoM _T	m	0.62	0.54	0.56
35	Available GoM _T	m	1.48	1.33	1.36

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TERMS AND CONDITIONS

4.0 GENERAL TERMS AND CONDITIONS

4.1) Minimum Eligibility Criteria-MEC: The contractor should have necessary equipment's-tools and experience in lifting of equipment's.

The contractor should be experienced contractor who have executed similar works in the last 7 years ending last day of month previous to the one in which quotations are invited. A copy of completion certificate for having executed similar works shall be furnished along with the bid which shall be verified before award of LOA/P.O.

“‘Similar work’ is defined as contractor should executed lifting of cargo/equipment's/machineries/vessel of **minimum 35 Ton** for any Govt Organization/PSU/Port/Harbour/Shipyard or reputed organization.”

5) Validity:

The Bid validity shall be 120 days from the due date of submission of the quotation.

6) Price:

The rates offered shall be exclusive of GST. If any new tax imposed by the State/Central Govt., same shall be reimbursed by producing documentary proof.

7) Completion Period:

The entire work shall be completed within **15 days** from the 7th day of receipt of LOA/Purchase order whichever is earlier. The contract shall not be assigned or sublet without written prior approval of the Engineer in charge.

8) Payment Terms:

- i) 100% payment shall be made within **30 days** after satisfactory completion and upon successful commissioning of the work on furnishing undisputed invoice complete in all respects.
- ii) The contractor shall furnish their bank account details for the payment through ECS. A copy of the PAN card, GST Registration no., wage register, attendance register, EPF& ESI, Bank account number, MICR number, Name of the Branch along with Bills shall be furnished for arranging payment made through E.C.S. by the MPA.

9) Injury/Damage to persons and property:

- i) The contractor shall take all precautions while carrying out the contract work against any possible damage to Port property.
- ii) The contractor shall indemnify the Port against any claim that may arise for any damage to or loss to Port property or injury caused to Port personnel or to any labour engaged by the contractor, during the execution of the contract. The Port will not be responsible for any failure on the part of the contractor or his agent to take necessary measures or precautions in this regard. In this regard contractor will be wholly responsible, if any injury/death of his person on duty, and contractor shall take necessary insurance policy to cover the staff while at work to meet any such eventualities.

10) Other terms and conditions

- i)** All tools and tackles and logistics involved in the work shall be arranged by the contractor at their own cost. The transportation cost, if any, shall be borne by the contractor.
- ii)** The scope of work and bill of quantities at “**ANNEXURE-C**” to be read in conjunction to ensure the actual supply and works involved.
- iii)** Necessary Entry passes shall be obtained by the Contractor with prior coordination/ approval of the Port Officials on Duty.
- iv)** The MPA will not be responsible for any loss or damage to the materials/ tools/plants engaged by the contractor/bidder during the work at site or transportation.
- v)** The Contractor shall take utmost care during the execution of the work, if any damage caused to the Port property, the cost of the damage shall be recovered from the Contractor’s running A/c bill or may be recovered by the Board as deemed fit.
- vi)** The power supply shall be provided by the Port free of cost for execution of the work; however, the Contractor shall take power supply from the nearest source by making suitable electrical arrangements such as extension boards, cable, switchgear etc. at their own cost and risk.
- vii)** Any work not mentioned herein above but necessary for overall completion of the work shall be deemed to be included in the scope of work without any additional financial implications to the Port, whatsoever.
- viii)** Under any circumstances, if the work is abandoned by the contractor for whatever reasons, the same shall be executed for successful commissioning ‘thro’ the external agency to be engaged by the Port at the risk and cost of the contractor. The expenditure incurred by the Port in this regards shall be recovered from the monies due to the contractor / security deposit or as deemed fit by the Board.
- ix)** The works shall be carried out with due regard to safety, environment and statutory regulations prevailing at that time.
- x)** All the workmen shall be covered under a suitable insurance policy. Accidents, if any, fatal or otherwise at site shall be the sole responsibility of the contractor. The Port should not be held liable for compensation in whatsoever manner under any circumstances.
- xi)** No labour below the age of 18 years shall be employed. The Contractor shall pay to every employee engaged by him on the work at a rate not less than the minimum rate of wages fixed by the Goa State / Central Govt from time to time under the Minimum Wages Act 1948 and he shall comply with the provision of the said Act and all the prevailing the Rules as applicable on date.
- xii)** The MPT will not be responsible for any loss or damage of the men/materials/tools/plants engaged by the contractor during the work at site or transportation.
- xiii)** While attending off-shore/afloat-works, the contractor & all his personnel shall compulsorily wear all certified safety gears, life-jackets, anti-skid footwear, goggles, gloves, etc at his cost.
- xiv)** Contractor shall be fully responsible for safety/security of job/ items at his worksite. Loss due to any damage towards this or bad workmanship shall be suitably recovered as decided by Deputy Conservator/MPT
- xv)** MPT reserves the right to change, alter, modify, add, subtract, increase, decrease, etc the quantities or close tender without giving any justification/reasons to make the contract more feasible.
- xvi)** Address for communication and submission of bid: Deputy Conservator, Office of Deputy Conservator, Marine department, 1st floor, AO Bldg, Headland Sada, Mormugao Port Authority, Mormugao, Goa – 403804. Phone: 0832-2594803 / 2534816
- xvii)** Further amendments if any, visit our Website www.mptgoa.gov.in.

11 BUDGETARY QUOTATION (Bill-of-quantities)

Sr. No	Description	HSN/ SAC No	Qty [AU]	Unit [Rs] price	GST %	GST Amount (Rs.)	Total Amount(Rs.)
Shore Lay-Up of Pilot Launch 'ML-Shingle' at Mormugao Port Authority as detailed at Schedule- 'A' and 'B' including all lifting equipments/Labor/Miscellaneous Charges.							
1	Shore Lay-Up of Pilot Launch 'ML-Shingle' as detailed at scope of work.		01				
Total							

(Rupees _____)

Signature and Seal of the Bidder

Name of Firm/Contractor:

Address:

Place:

Date: