

MORMUGAO PORT AUTHORITY
ENGINEERING (CIVIL) DEPARTMENT
QUOTATION – No. CE/Q-01/2026

Sealed quotations are invited on behalf of Mormugao Port Authority by Civil Engineering Department from **only Government Institutions/PSUs** involved in Third Party Hydrographic Survey works at Major Ports. The quotations should reach this office by **3.00 p.m. on 24/03/2026** and the same will be opened at 3.30 p.m. on the same day at conference Room of CE's Office, floor, SARAASI, 2nd Floor, Administrative Office Building, Mormugao Port Authority, Headland Sada, Goa 403804.

Name of the work: Independent Third Party Survey for the work of, "Maintenance Dredging at Mormugao Port for the year 2026-27.

Estimated Cost: Rs. 42, 43,162/-

Time period for completion: 60 days.

Cost of Quotation: Nil

Earnest Money Deposit: Nil

The sale of Quotation starts from 23/02/2026 to 23/03/2026 upto 3.00 p.m.

Conditions:

1. The entire work is required to be completed as per the schedule mentioned in the quotation.
2. No counter conditions with regards to completion period shall be entertained.
3. The Chief Engineer does not bind itself to accept the lowest or any quotation and reserves the right to reject any quotation as a whole or as in part without assigning any reason thereof.
4. The Agencies are strongly advised to inspect the site of work and acquaint them self with the site conditions and quantum of work involved, so that they are fully aware of the nature of scope of the works to be carried out before quoting for the work. Such inspection can be arranged in consultation with Executive Engineer (PPP) Tel. No. 0832-2594644. After award of work the successful Agency shall inspect the site for any obstructions that may hamper the survey work and the same shall be conveyed to the Port for clearing before commencement of the actual survey.
5. Quotations with counter conditions will be rejected summarily without assigning any reason.

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6. Time is essence of contract. Work shall be completed within stipulated time. Liquidated damages will be levied for the delay @ 0.5% per week subject to ceiling of 5%.of the quoted value.
7. Bill shall be paid after completion of pre and post dredge survey respectively and within a period of 30 days from the date of receipt of the bill on submission of required documents, etc.
8. GST has to be claimed extra as applicable while submitting the bill/bills. If not applicable, than undertaking has to be submitted citing the reasons.
9. Quotations shall be properly sealed and submitted by **Speed Post** before the due date of receipt and time i.e. 24/03/2026 by 3.00 pm. **Quotations received late due to any postal delays will not be considered.**
10. Quotation envelope shall be superscribed with Name of the work, Quotation No. and Due date with Opening time.
11. The quotations will be opened on the due date i.e. 24/03/2026 at 3.30 p.m.


(Socorro Silva)
Executive Engineer (PPP)

ANNEXURE –I

VENDOR REGISTRATION FORM

1.	Name of the Organization	:	_____
2.	Address (In Detail)	:	_____ _____ _____
3.	Telephone Number	:	_____
4.	E-Mail Id	:	_____
5.	Permanent Account Number (PAN)	:	_____
6.	Bank Name	:	_____
7.	Bank Branch Address (In Detail)	:	_____ _____ _____
8.	Bank Branch Code	:	_____
9.	Bank Account Number	:	_____
10.	Bank Account Type	:	_____
11.	Magnetic Ink Character Recognizer (MICR)	:	_____
12.	Tax Identification Number (TIN)	:	_____
13.	GST Registration Number	:	_____
14.	Service Tax Registration Code	:	_____
15.	CST Registration Number	:	_____
16.	Employee Provident Fund (EPF) Registration Number	:	_____
17.	Employee State Insurance Scheme (ESIS) Registration Number	:	_____
18.	IFSC Code	:	_____ _____



MORMUGAO PORT AUTHORITY
ENGINEERING (CIVIL) DEPARTMENT

Quotation NO. . CE/Q-01/2026

**Name of the work: Independent Third Party Survey for the work of,
 "Maintenance Dredging at Mormugao Port for the year 2026-27.**

ELECTRONIC PAYMENT SYSTEM MANDATE FORM

The details for processing the payment through RTGS as below:-

Name of the Beneficiary	MORMUGAO PORT AUTHORITY GENERAL ACCOUNT
Address of Beneficiary with PIN Code	SAARASI, Administrative Office Building, Headland Sada, GOA - 403804
PAN Number	AAALMO293P
Name & Mobile Number of responsible person	Chief Cashier 0832-2594417
Name of the Bank and Branch	STATE BANK OF INDIA, Harbour Branch
Bank Telephone No.	0832-2520212
Address of the Bank	STATE BANK OF INDIA, MORMUGAO HARBOUR, GOA – 403803. Telephone No. 0832-2520212
MICR Code of the Bank	403002024
IFSC Code No.	SBIN0002164
Type of Account and Branch Code	Current Account / Branch Code:- 002164
Account number	10438017048
	MPA GENERAL ACCOUNT
Beneficiary E-mail ID	<u>cashmpt@mptgoa.gov.in</u>



Name of the work: Independent Third Party Survey for the work of,
"Maintenance Dredging at Mormugao Port for the year
2026-27.

BROAD SCOPE OF WORK

1. The work covered under this scope consists of carrying out pre-dredge and post dredge survey for the project, "Independent Third Party Survey for the work of, "Maintenance Dredging at Mormugao Port for the year 2026-27".
2. The tentative dates for carrying out pre-dredge and post dredge survey will be by **01st Oct. 2026 to 08th Oct 2026** and **23rd Nov 2026 to 30th Nov 2026** respectively, but are likely to change as per the dredging program.
3. The sounding levels will refer to Chart Datum which is 4.84 meters below the principal bench mark behind old CME office at Mormugao Port, sunk about one meter below the ground and inscribed thus B.H.E.I./1960 on a copper plate. This benchmark is 3.60 m. above I.M.S.L.
4. Final computation of dredging volume will have to be computed by the Third Party surveyor after completion of the post dredge survey.
5. Pre-dredge and Post-dredge survey shall be performed by using single beam dual frequency echo sounder of 33/210 KHZ
6. The area to be surveyed will be 67 lakhs m2 (apprx) and the water depths will vary from (-) 8.00 mts to (-) 16.00 mts. **Also a check survey for assessment of the spoil ground including the area laying between channel & spoil ground with a grid of (50x50) mts will have to be carried out before and after the dredging work.**
7. Each hydrographic survey shall be carried out using a single beam frequency echo sounder of suitable make which shall be capable of sounding with accuracy to within one percent (1%) of the depth in conjunction with position fixing using Real Time Differential GPS.
8. The interfacing of the GPS and Echo sounder will be done by 'PDS 2000' or equivalent standard software acceptable to Engineer.
9. Survey will be carried out using Steel/Wooden/FRP boat and shall be carried out only in the daytime jointly with Contractor's surveyor and department staff.
10. Contractor has to ensure that safety life jackets will have to be provided to the survey personnel on board the survey vessel. Also **Sea Worthiness Certificate and Third Party Liability Insurance Certificate** of the survey vessel will have to be submitted before commencement of the survey.
11. The agency will make its own arrangement for survey vessel/hiring of launches required for carrying out the survey along with the equipment's.

Note: Bidders are informed that the hire charges of launch from Mormugao Launch Owners Association (MLOA) is tentatively Rs 60,000 to Rs 80,000 per day of 8hrs, hence the same shall be confirmed from MLOA before quoting for this work.

166

The communication address is as below:
Mormugao Launch Owners Association,
P.O Box no 219,
18,Dr Borges Building,
Vasco da Gama,Goa.
Phone no. 0832-2512746/6480659

12. The survey vessel guided by the 'PDS 2000' or equivalent standard software acceptable to Engineer will be taken along the cross section lines and continuous depths shall be recorded by the help of Echo sounder. The depths recorded and their position will be continuously interfaced and stored in the memory of computer software for post processing and computation of volumes / dredging quantities.
13. Each survey shall be undertaken by a surveyor suitably experienced in hydrographic Survey work, whose "curriculum vitae" is acceptable to the Engineer. A copy of the survey work done shall be forwarded to the Engineer within 7 days of the survey being completed.
14. It shall be the responsibility of the agency to obtain all licenses, permits and permissions for the use of marine radios, walkie-talkies, radio positioning systems, satellite phones if required during the survey work.
15. The chart (paper) speed and the associated speed of the survey vessel during a sounding traverse shall be calibrated to ensure that 100m of bottom traverse are represented by at least 75mm of echo trace. Sensitivity (gain) controls shall be adjusted to the maximum level that still produces a clear bottom echo trace.
16. Prior to and after each sounding session, the echo sounder shall be calibrated by bar checking and the records of the bar check shall be kept with the session sounder traces.
17. Each sounder trace shall be reduced for tide height and settlement of the survey vessel, if applicable and the design profile shall be clearly marked on the echo sounding trace as well as on the hydrographic surveying software. The design profile shall be the design bed level of the relevant section of works under survey.
18. The automated hydrographic surveying software system shall store the recorded depths in digitized format for subsequent automatic computer plotting. In this event fully annotated analogue (hard copy) records shall be maintained.
19. Plotting lines shall be not more than 20x10 mts apart in channel areas and in Breakwater, Mole and Berth No 4. area it shall be 10x10 mts and 5x5 mts respectively. A plotting line shall be established along the design toe of each side slope and an echo trace shall be obtained along each of these sounding lines.
20. The horizontal position of soundings shall be obtained at a maximum interval of 50m along a plotting line, and these locations shall be marked on the echo trace chart as fix marks. Fix marks shall be obtained where a sounding line crosses the toe and the top of an excavated/dredged side slope, where practical. Intermediate soundings representing the shallowest depth in a length of no more than 10m shall be obtained by interpolation between fix marks.

21. Surveying along any sounding line, which deviates by more than the specified tolerances above shall be repeated to the extent necessary to ensure that all fixes along the sounding line remain within, specified tolerances.
22. The repeated section of the sounding line shall overlap that section of the previous sounding line, which complies with the specified tolerances, by a minimum of 50m.
23. Where sounding areas abut a previously surveyed section, of the works, the sounding lines shall overlap the previously surveyed area by a minimum of 25m.
24. The volume computation will be done using Simpson's formula and the results will have to be submitted in the form of CD/pen drive and 3 sets of hard copy.
25. The Contractor shall obtain Harbour Entry Permits for his workers which are chargeable @ of **Rs.400/- per person** however passes for material will be issued free of cost.
26. Terms of payment:
 - (i) Pre-dredge survey cost +GST will be paid after completion of pre-dredge survey which includes submission of all required charts along with **volume computation/calculation of dredging quantities by Hypack software** to the satisfaction of the Engineer (3 sets of complete survey charts).
 - (ii) Post-dredge survey cost +GST will be paid after completion of post-dredge survey and submission of 3 sets of charts alongwith **volume computation /calculation dredging quantities based on Simpson's Rule** to the satisfaction of the Engineer. The soft copy shall be submitted in CD/Pen drive.
 - (iii) The quotation should necessarily be filled as per format provided as in Annexure II.
27. The departmental staff engaged for the work will be Asst. Marine Surveyor.-1 no. from the Marine department.
28. Either daily tide gauge recordings as recorded by M/s INCOIS –Hyderabad or Port tide record shall be referred for determining the sounding depths.
29. **Contractor has to ensure that the completion of Pre Dredge survey, including submission of all required charts along with volume computation to be submitted on or before the dredging start date i.e. 09.10.2026. Idle time charges at Rs 12500/- per 1000 m3 TSHD Dredger capacity per hour will be levied for the delay in commencement of dredging on account of delay in survey work.**
30. **The processing of data of Pre-dredge and Post-dredge survey shall be done jointly with Contractor's surveyor and department staff on day to day basis.**

Chief Engineer

98

Name of the work: **Independent Third Party Survey for the work of, "Maintenance Dredging at Mormugao Port for the year 2026-27".**

Tendered amount: **Rs. 42, 43,162/-(Excluding GST)**

QUOTATION

Sr. No.	Description of Survey	Period From----- To (Tentative date)	Unit	Rate in Rs.	Amount In Rs.
1	Pre-dredge	01 st Oct. 2026 to 08 th Oct. 2026 (8 days)	LS	LS	
2	Post-dredge	23 rd Nov. 2026 to 30 th Nov. 2026 (8 days)	LS	LS	
				Total	
				Add GST	
				Grand Total	

Note:

1. The Pre Dredge survey has to be necessarily completed in a maximum period of **8 days** including mobilization, demobilization and considering all hindrances such as non-availability of berth free, bad weather etc.
2. Rate quoted will be in lump sum amount for the complete survey.
3. Pre-dredge survey cost + GST will be paid after completion of survey including submission of 3 sets of complete survey charts & **volume computation by Hypack software.**
4. Post-dredge survey cost + GST will be paid after completion of survey including submission of 3 sets of complete survey charts & **volume computation based on Simpson's Rule.** The soft copy shall be submitted by E mail.
5. The departmental staff engaged for the work will be Asst. Marine Surveyor -1no. from the Marine department.

**Signature with
Name & Designation
& Company seal**

150