



An ISO 9001 : 2008 Port
ISPS CODE Compliant

**MORMUGAO PORT TRUST
ENGINEERING (CIVIL) DEPARTMENT**

FACE SHEET TO ACCOMPANY THE TENDER DOCUMENTS

- A. 1. Name and full address of the Contractor to whom the Tender Documents are issued. :
2. Whether registered with Engineering (Civil) Department, if so, class of registration. :
3. If not registered, reference to the letter of the Chief Engineer authorising issue of the tender Documents. :
4. Date of issue of Tender Documents. :

SIGNATURE OF ASST.ENGINEER (ACCTS)

B.1. Name of work: **IMPROVING BREAKWATER PROTECTION BY PLACING/TIPPING ARMOUR BLOCKS ALONG THE BREAKWATER (Phase II).**

2. Cost of each set of Tender Documents: Rs. 2,500/-
3. Date and Issue of Tender Documents : From: 21.07.2016
To: 04.08..2016
4. Date of receipt of tender and time : Up to: 05.08.2016 at 3.00 pm
5. Amount of E.M.D. : **Rs.57,000 /-**
6. Date of opening of tender and time : Opened by us on 05.08.2016
at 3.30 p.m.
- 7 a) Whether E.M.D. received : Yes/No.
b) if so, in which shape : D.D./Cash Receipt
8. Form of contract : Percentage rate
9. Whether tender received in duplicate : Yes/No
10. Whether rates have been quoted in both : Yes/No.
the tenders in words and figures.
11. Total No. of Tenders received for the work:

ASST.EXEC ENGINEER (ACCTS)

EXECUTIVE ENGINEER (HR)



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MORMUGAO PORT TRUST
ENGINEERING (CIVIL) DEPARTMENT

TENDER No. CE/61/2016

Name of Work: **IMPROVING BREAKWATER PROTECTION BY**
PLACING/TIPPING
ARMOUR BLOCKS ALONG THE BREAKWATER (Phase-II).

PRICE BID (S E C O N D C O V E R)

(TO BE SUBMITTED IN SEPARATE SEALED ENVELOPE / COVER)



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MORMUGAO PORT TRUST
SERVING THE NATION SINCE 1885

ENGINEERING (CIVIL) DEPARTMENT
www.mptgoa.com

NOTICE INVITING TENDER

TENDER NOTICE NO:CE/N-61/2016
TENDER No: CE/61/2016

Name of Work: - **IMPROVING BREAKWATER PROTECTION BY PLACING/TIPPING
ARMOUR BLOCKS ALONG THE BREAKWATER (Phase II).**

Percentage rate tenders in the prescribed form in sealed covers superscribing the Tender No.CE/38/2016 and due date and time are invited by the Chief Engineer for the above work as per the details given in the table below :

Cost of tender document	Estimated cost	Tender Sale From/To	Submission on	Opening on
EMD	Completion Time			
Rs.2,500/- (Rupees: Two thousand five hundred only)	<u>Rs.56,77,632/-</u>	21/07/2016 to 04.08/2016	05/08/2016 Up to 15.00 hrs.	05/08/2016 at 15.30 hrs. Technical Bid (Cover No. I)
Rs.57,000 /- (Rupees Fifty seven thousand only.	Six (60) days			

Detailed tender notice along with complete tender documents can be downloaded from our website www.mptgoa.com on or before the last date of sale of tender document. Tenders are also available for sale at the Civil Engineering Department of Mormugao Port Trust.

For further details and general enquiries, prospective bidders may contact the Executive Engineer (VSG), telephone no. 0832 2594610, during working hours before the last date and time of sale of tender document.

[sd/-]
Chief Engineer



**MORMUGAO PORT TRUST
ENGINEERING (CIVIL) DEPARTMENT**

TENDER No. CE/61/2016

PRICE BID

Name of Work: **IMPROVING BREAKWATER PROTECTION BY
PLACING/TIPPING ARMOUR BLOCKS ALONG THE BREAKWATER
(Phase II).**

1 - Preamble to Schedule of Quantities and Rates

1. General

- 1.1 The Schedule of Quantities and Rates must be read with, Conditions of Contract and the Specifications and all relevant standards. The Contractor shall be deemed to have examined Conditions of Contract and the Specifications and have acquainted himself with all the details of the work to be done and the way the works are to be carried out.
- 1.2 Notwithstanding that the work has been sectionalised every part of it shall be deemed to be supplementary to and complementary of every other part and shall be read with it or into it so far as it may be practicable to do so.
- 1.3 The detailed descriptions of work and materials given in the specification are not necessarily repeated in the bill of quantities.
- 1.4 The quantities given in the bill of quantities are approximate only and are given to provide a common basis for tendering. Payment will be made according to the actual quantities of work ordered and carried out, as measured by the Engineer and valued at the rates and prices quoted in the bill of quantities.

2. Rates and Prices to be Inclusive

- 2.1 The rates entered in the Schedule of Quantities by the tenderer shall include the provision of all supporting special equipment, use of power operated cutting tools, labour of required skill, supervision, materials, overheads and profits, watch and ward, insurance charges, during execution and every

incidental and contingent costs and charges, whatsoever, including sales tax on works contract, VAT, Sales tax, entry tax, etc. if any, for compliance with conditions of contract and specification. Service tax as applicable shall be paid extra.

- 2.2** On execution of total quantity mentioned in the schedule of quantities approval from Chief Engineer shall be taken prior to execution of work.
- 2.3** The Specification is intended to cover the supply of material and the execution of all work necessary to complete the works. Should there be any details of construction or materials which have not been referred to in the bill of quantities and drawings, but the necessary for which may reasonably be implied or inferred there from, or which are usual or essential to the completion of all works in all trades, the same shall be deemed to be included in the rates and prices named by the contractor in the Bill of quantities. The rates or prices are to cover the item as described in the bill of quantities, specification or drawings, the description in the bill of quantities shall prevail.



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ENGINEERING (CIVIL) DEPARTMENT**

TENDER NO: CE/61 /2016

Name of work: **IMPROVING BREAKWATER PROTECTION BY
PLACING/TIPPING ARMOUR BLOCKS ALONG THE BREAKWATER (Phase-II).**

TECHNICAL SPECIFICATIONS

Item No. 1

Casting of Armour blocks of size 2.50mx1.50mx1.50m using Cement concrete(M -15 grade) using 40mm graded black trap stone metal as coarse aggregate including providing steel shuttering of proper size and shape including cleaning oiling closing gaps removal of shuttering after concreting ,providing necessary props, bracings and other supports. mixing, depositing, consolidating, leveling, curing (14 days) , Providing 4 nos. 3" holes in the armour blocks for full width for tying sling to lift the armour block using crane. Placing in two layers over the seaward side of the breakwater by tipping to suitable position / locations as directed by the Chief Engineer or his representative using a suitable capacity crane with sling / jib arrangements All tools, plants, labour & material complete.

Work of tipping the armour blocks across the deck should be done using cranes which are tyre mounted having a lifting capacity of 75-80 tons (maximum up to 100 tons) and an outreach of 10-15 mtrs from the center line of the crane with approximate 13.5 tons load. Care should be taken not to damage the existing Breakwater apron wall while tipping the armour blocks. In case of damage to the existing Port structure repairs have to be carried out as directed by the Chief Engineer or his representative without any extra costs to the Port.

Note: Cranes and other machinery deployed for the works should be in working condition and of suitable lifting/working capacity. The insurance papers and other statutory documents of the crane and other machineries deployed for this works should be in force. Any breakdown of the machinery should be immediately repaired or taken away from the site to prevent causing obstruction to the Port or Port based traffic.

Breakwater length is approximately 500 mtr. and the blocks shall be tipped as per the directions of the Chief Engineer or his representative after having properly numbered the armour blocks before tipping the same at the breakwater



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**DIRECTIONS TO TENDERERS FOR FILLING IN THE
SCHEDULE OF QUANTITIES & RATES**

- 1.** Tenderers are required to fill in their percentage rate at the end of the Schedule of Quantities & Rates, in the space provided for the purpose and unless this is done, their tender will not be considered. Only one percentage rate on all Rates of Schedule of Quantities & Rates shall be named.
- 2.** The Percentage Rate inserted shall hold good for all works under this contract, without reference to quantity or location of the work or the variation in the estimated quantity.
- 3.** Quantity of each item of work mentioned in the Schedule, should be noted and the percentage rate worked out carefully, having regard to the specification's before submitting the tender, as no variation in rates, etc. will be allowed on any ground such as mistake or misunderstanding etc. after the tender has been submitted. The percentage rate, above or below the Schedule/ Estimated rate, indicated at the end of the Schedule of Quantities & Rates, will apply to each item, of the tender and any excess in the item that may be directed to be executed by the Chief Engineer.
- 4.** Tenderers are requested to note that though the contract is for percentage rate, they are required to add or deduct the amount due to this percentage, as the case may be and work out the final figures (amount of their tenders), at the end of the Schedule of Quantities & Rates.
- 5.** The Percentage Rate should be legibly written in figures as well as in words, in the space provided for. Erasures or corrections in figures or in words, without Tenderer's initials, will render the tender liable for rejection.

CHIEF ENGINEER



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TENDER NO: CE/ 61/2016

Name of work: **IMPROVING BREAKWATER PROTECTION BY**
PLACING/TIPPING ARMOUR BLOCKS ALONG THE BREAKWATER (Phase-II).

SCHEDULE OF QUANTITIES & RATES

Sr. No	Appx Qty	Unit	Item	Rate Inclusive of ST &GT Rs.	Amount Inclusive of ST & GT Rs.
2	3	4	5	7	
1	150	No.	Casting of Armour blocks of size 2.50m x 1.50m x 1.50m using Cement concrete(M -15 grade) using 40mm graded black trap stone metal as coarse aggregate including providing steel shuttering of proper size and shape including cleaning oiling closing gaps removal of shuttering after concreting, providing necessary props, bracings and other supports. mixing, depositing, consolidating, leveling, curing (28 days), providing 4 nos. 3" holes in the armour blocks for full width for tying sling to lift the armour block using crane. Placing in two layers over the seaward side of the breakwater by tipping/placing to suitable position / locations as directed by the Chief Engineer or his representative using a suitable capacity crane with sling / jib arrangements to place/ tip the blocks weighing 13.5 tons to 10m to 15m away from the center line of the crane on West side of break water or as directed All leads, lifts, tools,plants ,labour & material etc., complete.	37850.88	5677632=00

S. No.	Appx . QTY	IN UNIT	ITEM	RATE Inclusive of ST > Rs.	AMOUNT Inclusive of ST > Rs. (A)
1	2	3	4	5	7
1			<p><u>NOTE:</u></p> <p>(a) 50% of the amount will be paid for casting and curing the blocks for 7 days</p> <p>(b) 50% of the amount will be paid after tipping the blocks at suitable locations/positions</p> <p>(c) Breakwater length is approximately 500 mtr. and the blocks shall be placed/tipped as per the directions of the Chief Engineer or his representative after having properly numbered the armour blocks before tipping the same at the breakwater</p>		

TOTAL AMOUNT OF TENDER INCLUSIVE OF S.T & G.T

= "A" = RS. **56,77,632=00**

Total amount in words (Rupees Fifty nine lakhs fourteen thousand two hundred only)

B. ADD _____ % (IN FIGURES)

In words _____

Amount (in figures) -----

In words-----

Amount A+ B i.e. Rs. _____

In words _____

- OR -

C. DEDUCT _____ % (IN FIGURES)

In words _____

Amount (in figures) -----

In words-----

Amount A-C i.e. Rs. _____

In words _____

3. Total Tender Amount inclusive of Sales & General Taxes in words-
Rs. (figures)-----

Rupees _____ (in

Words) _____

_____ only.

It is certified that I/we have written the units in figures and words

NOTES:

1. Tenderers should score either “ ADD “ or “ DEDUCT” as the case may be .
2. Tenderers are advised in their own interest to inspect the site before tendering.
3. The quantities given above in the schedule of Quantities and Rates are approximate and are furnished for the guidance of the tenderers.

Witness's: _____

Tenderers: _____

Signature: _____

Signature: _____

Name : _____

Name: _____

Address: _____

Address: _____

Tel&Mobile No: _____ Tel& Mobile No: _____

Date : _____

Date: _____

Authorised Signatory
Company Seal