

MORMUGAO PORT TRUST

NOTICE INVITING TENDER

MORMUGOA PORT TRUST invites sealed Price Bid from eligible insurers, who meet the qualification requirements for the Port Package Insurance policy for Port as stated in the Invitation to Bid.

Important Dates regard to Bid Submission –

Tender paper download : From 15th March 2018
Receipt of Queries : Upto 17th March 2018
Clarification to Queries : By 20th March 2018
Date of receipt of Price Bid : up to 3.00 p.m. of 29th March 2018

For details of the tender documents, terms & conditions etc. please visit / refer our website www.mptgoa.com

For Mormugoa Port Trust



Financial Advisor and Chief Accounts Officer

MORMUGAO PORT TRUST

CONTENTS

1.	REQUEST FOR QUOTATION
2.	INSTRUCTIONS TO BIDDERS
3.	SCOPE OF INSURANCE
4.	DETAILS OF ASSETS TO BE INSURED
5.	RISK SURVEY REPORT
6.	PORT LAYOUT PLAN
7.	FORMAT OF OFFER

Request for Quotation for Port Package Policy – Mormugao Port Trust

1. The New India Assurance Co Ltd
87 M G Marg,
Fort, Mumbai 400 001
2. The Oriental Insurance Co Ltd
2/2A, Universal Building,
Asaf Ali Road,
Daryaganj,
New Delhi - 110 006
3. United India Insurance Co Ltd
24 Whites Road,
Chennai 600 016
4. The National Insurance Co Ltd
3, Middleton Street, Park Street Area,
Kolkatta 700 071

Sub:- Invitation to quote on competitive basis for various risks coverage under Port Package Insurance Policy for 12mths from 10th April 2018 to 10th April 2019

Dear Sirs,

We are pleased to inform you that Mormugao Port Trust has decided to purchase Port Insurance Package Policy for a period of 12 months from 10th April 2018.

In view of the above, we invite your best quote in a sealed cover strictly for the sum insured, deductibles and risks profiles in accordance with the Annexures – “A” (Price Bid Document) enclosed herewith. It is expected that the premium quoted against each section shall be clear and contains no ambiguity about coverage of risks.

In case your are interested, please submit your quotation in accordance with the Annexure – A (Price Bid Document) and strictly as per the terms and conditions of the tender document attached to it, so as to reach us at the following address in a sealed and stamped cover latest by 3.00 P.M. on 29th March 2018.

Financial Advisor & Chief Accounts Officer
Mormugao Port Trust
Administrative Office, Finance Department,
Headland Sada, Mormugao,
Goa – 403 804
Tel: 0832-2521130
E-mail: facao@mptgoa.com

The quotation should clearly indicate the total cost of premium for all the risks and sum insured under various sections after considering all discounts and rebates under the policy.

Deviations / exceptions shall be mentioned separately. To accept or reject the offer / quote of any / all of the Bidder agency/ies shall be at the sole and absolute discretion of MPT without assigning any reason/s.

The contract of insurance shall be governed between you and MPT and incapacity / inability in any manner of the re-insurer/s for whatever reason/s to indemnify against any claim/s under the policy, shall not be a ground for repudiation or inadmissibility of any claim/s by the Insurer.

We request you to prepare your quote in accordance with the Price Bid Document and the terms and conditions and submit your sealed offer with necessary undertakings and declarations so as to reach us before 3.00 P.M. on 29th March 2018 positively.

The late Offers / Quotes received after the deadline will not be entertained.

Thanking you,

For Mormugoa Port Trust



Financial Advisor & Chief Accounts Officer

2. INSTRUCTIONS TO BIDDERS

1.0 INVITATION TO BID

Bids are invited by MORMUGOA PORT TRUST from Insurance companies for taking Port Package Policy. .

Brief History

Mormugao Port, one of the oldest ports on the west coast of India, with a fine natural harbour, has been relentlessly serving the nation in its economic development for over a century. The port was commissioned in 1885 and is one amongst the 12 major ports of the country. The port is mainly an iron ore port and handling largest quantum of ore exports amongst all the Indian Ports. Though ore is the predominant cargo, there has been a steady increase in liquid bulk and general cargo traffic ever since its joining the ranks of the Major Ports of India. Excellent facilities, high productivity, streamlined administration and a dedicated workforce all go towards making this Port one of the most efficient Port in the Indian subcontinent.

It is an open type harbour protected by a breakwater and a mole built from the outer end of the breakwater and running parallel to the quay.

Please strictly comply with the parameters of Price Bid and also the modalities for submission of quotation as enumerated below:

1. Format of Price Bid

You are requested to refer to price bid format in Annexure "A" for the detailed coverage and Sum Insured

1. MPT reserves all rights to reject any price bid without citing any reasons even if the insurance company qualifies in Technical bid.
2. The Sum Insured as indicated in the schedules are on Provisional Basis and may be subject to changes at the time of placement of business. Such upward or downward revision of Sum Insured, if any, should not have any impact on premium rate(s) quoted by underwriters and change of Sum Insured should be accepted on pro-rata premium adjustment basis. Terrorism cover is also required for Mormugao Port.

Details of each insurance cover required with respective Sum Insured (SI) under Port Package Policy are detailed in Annexure "A" attached with RFQ and the total SI for all policies (Port Package) has been stated in the Format of Price Bid. The Price Bid should be on gross basis inclusive of all loading and discounts separately for each insurance cover/ each policy. The Service Tax should be shown separately. This would be signed by authorized signatory of Insurance Company and should be contained in a separate sealed envelope super scribing "Price Bid for MPT Port Package Insurance Policy 2018/19".

The Bidders must take all responsibility of submitting the Bids within the prescribed Bid Submission Date & manner.

The Port will not accept as valid reason or be responsible for any postal delay or non-receipt/non-delivery of the Bids.

Please note that premium quotations for all the insurances sought herein will be aggregated to a single figure for the purpose of comparison / evaluation of final quotation and placement /

recommendations/ decisions. MPT reserves the right to disqualify any bidders for any deviation from standard practice / norms and terms / conditions prescribed/stipulated in the bid parameters. The 'Format of Price Bid' should strictly comply with the terms as specified in the respective Schedule(s).

Quotes received after scheduled date and time will not be considered and will be rejected. The quotes will be evaluated and sent to Client with placement recommendation.

GENERAL BIDDING GUIDELINES

Requests for Clarifications:

If the Bidder has any doubt as to the meaning or intent of any sections hereof or requires additional information, the Bidder may request such information or clarification from the Port.

The Port, at its discretion may make responses, which it believes to be of significance to all Bidders, available to all Bidders.

The queries are to be mailed to facao@mptgoa.com & a copy of the same is to be mailed. For Global Insurance brokers:-----jyoti.walawalkar@globalinsurance.co.in

It will be the responsibility of the insurer to adhere to the above stated requirement. Neither the Port nor the Broker will be liable for any non-reply of queries if the above provision is not adhered. Should the accumulation of changes to the Price Bid Documents necessitate an extension to the Bid Submission Date, the Port may extend such date.

All changes to the Price Bid Documents including any extension to the Bid Submission Date will be made formally by issuance of an amendment to the request for proposals. All Bidders must acknowledge receipt of all Amendments issued against the request for proposals when the Amendment is received, and additionally, Bidders must confirm that all Amendments have been incorporated in the preparation of their Bid. It is the responsibility of the bidder to visit the website of MPT to confirm of any amendments.

Amendments issued to this NIT

The Port reserves the right to issue any Amendments to the Price Bid Document without assigning any reason thereto. The Amendment(s) will be notified to all prospective Bidders through e- mail and such Amendment(s) will be binding on them. Bidders must acknowledge receipt of each Amendment(s) by e-mail, in writing, by registered mail, air courier or facsimile, with specific reference to the title and date of issuance of the relevant Amendment.

In response to such Amendments, if the Bidder has already submitted its Bid prior to issue of such Amendments/corrigenda, either they shall submit their addendum Bid, only responding to this Amendment(s) marked on the envelope as "Addendum Bid" or they shall be free to re- submit a fresh Bid marked on the envelope as "Amended Bid" and the original Bid submitted by such Bidder shall be destroyed in presence of the Bidder on the bid opening date.

At any time prior to the deadline of submission of Bids, the Port may, for any reason, whether at its own initiatives or in response to a clarification by a prospective Bidder, modify the Price Bid Documents through Amendment(s). The Port, at its discretion may make responses, which it believes to be of significance to all Bidders, available to all Bidders.

All changes to the Price Bid Documents including any extension to the Bid Submission Date will be made formally by issuance of an amendment to the request for proposals. All Bidders must acknowledge receipt of all Amendments issued against the request for proposals when the Amendment is received, and additionally, Bidders must confirm that all Amendments have been incorporated in the preparation of their Bid.

Corrections & Erases

No erases or over writings are permissible. All the alterations, omissions, additions or any other amendments made in the Bid shall be initialed by the person(s) signing the Bid.

Extension of Bid Submission / Bid Opening Date

The Port may, at its sole discretion, decide to extend the Bid submission date and / or Bid opening date. In such a case, all rights and obligations of the Port and that of Bidders previously subject to the Bid opening date will thereafter be subject to the new Bid opening date.

Rejection of Bids

Any Bid received by the Port after the expiry of the Date of submission of Bids will be rejected outright and returned to the Bidder. Bids not containing all the information sought will be rejected.

MPT's Right to Accept any Bid and to Reject any or All Bids

MPT reserves the right to accept or reject any Bid or to annul the bidding process and reject all Bids at any time prior to contract award, without assigning any reasons thereof and the Port shall not entertain any claim whatsoever on this account. The Bidder shall have no claim on the Port in case his Bid is rejected or the bidding process is annulled.

Bidding Cost

The Bidder shall bear all costs and expenses associated with the preparation and submission of its Bid and the Port shall under no circumstances be responsible or liable for any such costs regardless of, without limitation, the conduct or outcome of the bidding, evaluation and selection process.

Bid Clarifications

During the Bid evaluation, the Port may, at its discretion, ask the Bidder for clarifications on its Bid. Based on the Port's evaluation, and at the Port's sole discretion, Bidders may be given an opportunity to clarify their Bids in all respects to achieve compliance with the Commercial Contract and Technical Specifications. Bid clarifications shall be made in writing and addressed to the Port.

Extension of Price Bid Validity Period

In exceptional circumstances, the Port may request all the Bidders to consent to an extension of the period of validity of their respective Price Bid. The request and the response thereto will be made in writing. Extension of validity period by the Bidder must be unconditional.

FINAL EVALUATION

Final evaluation will be based on premium quoted, suitability of cover & deviations.

INSURANCE BROKER

We have appointed Global Insurance Brokers as our sole and exclusive brokers for all our insurance policies. The brokerage to be paid to Global Insurance Brokers Pvt. Ltd. is 1% of the base insurance annual premium subject to a maximum of Rs.50,000. The insurance premium quoted should be inclusive of the brokerage payable to Global Insurance Brokers.

UNDERWRITING INFORMATION:

1. Insurance Slip – as attached
2. Risk Survey Report – as attached
3. Asset Breakdown – as attached
4. Layout Plan – as attached
5. The loss limits to be considered will be Rs. 125 crores for property damage and business interruption, Rs. 15 crores for terminal operator's liability and Rs.10 crores for Removal of Wreck/Debris.
6. The annual revenue of MPT for 2017-18 is estimated as Rs. 450 crores.

Mormugao Port Trust, Goa

3.SCOPE OF INSURANCE

Type	Port Package Policy
Insured	Mormugao Port Trust. (hereinafter referred as MPT) and/or associated and/or affiliated and/or interrelated and/or subsidiary companies and/or corporations as they now are or may hereafter be created and/or constituted and/or for whom the Assured receive instructions to insure and/or for whom the Assured have or assume a responsibility to arrange insurance, whether contractually or otherwise, as their respective rights and interests may appear hereinafter known as the Assured and/or as original.
Period	12 months from 10 th April 2018 To 10 th April 2019
Interest	<p>MPT's interest as a Port & Terminal Developer/ Operator and any/ all activities ancillary to such operations at the specified locations for all Risks of Physical Property loss or damage to properties and assets, onshore and offshore facilities, equipments, handling facilities, losses on Business Interruption, loss and or liabilities arising out of all Risks against third party liabilities arising from such operations including but not limited to statutory liabilities whatsoever and removal of wreck and/ or clean up costs subject to excluded risks specified by the Insured in the offer document and as specified below:</p> <p><u>Section 1) Property Damage:</u> To cover the Insured for all the risks of Physical Loss or Damage to the Insured's Handling Equipment and Onshore/offshore Property including physical damages to The Dredged Channel and Navigational Aids.</p> <p>Including Strikes, Riots, Civil Commotion, Malicious Damage, Vandalism, Subsidence, Landslide & Earthquake. Tsunami, Sea Quake.</p> <p><u>Section 2) Business Interruption</u> Including Port Blockage Including Damage to Breakwater Including Impact Damage as per Marine Impact Insurance Clause, as attached.</p> <p><u>Section Three</u> <u>Port & Terminal Operators Legal Liability / Third Party Liability</u> The Assureds' interests as a Port Operator and/or as specified in the Assureds' Operations and any activities ancillary to the Assureds' Operations at the Assureds' Location(s) including Third Party Liabilities arising from such operation(s) inclusive of Removal of Wreck and/or Clean-up Costs and/or as more fully described within the Policy Wording</p>

Location of the Risk	<u>Section One & Two</u> Headland Sada, Vasco da Gama, Goa-403804 <u>Section Three</u> Worldwide
Sum Insured	<u>Section 1) Property – excluding vessels</u> <ul style="list-style-type: none">a) Property Damage – Civil Structuresb) Plant & Machinery – including civil structures, if anyc) Other Equipment including Furniture & Fixtures Total Sum Insured under Section 1 : Rs. 850 crores Break-up details as attached. <u>Section 2) Business Interruption</u> Annual Revenue - INR 4,50,000,000 Maximum indemnity period - 3 months <u>Section 3) Port & Terminal Operators Legal Liability / Third Party Liability</u> <ul style="list-style-type: none">- Liability arising from Port & Terminal Operations – limit INR 150,000,000 per occurrence and in the aggregate for the policy period.- Limit of INR 100,000,000 in respect of Removal of Wreck / Debris per occurrence and in the aggregate for the policy period.
Limit of Liability	Total Combined Single Limit for Property Damage, Business Interruption - INR 1,250,000,000 (INR One Hundred and Twenty-Five crores only)
Deductibles	<u>Section 1) Property:</u> 5% of Claim Amount subject to a minimum of INR 10,00,000 each and every Claim. 10% of Claim Amount subject to a minimum of INR 10,00,000 each and every Claim in respect to Impact Damage to Berth including Act Of God Perils. Re dredging cover: INR 25,00,000 each and every loss. <u>Section 2) Business Interruption</u> 14 days each and every Claim. <u>Section 3) – Terminal Operator’s Liability</u> Section 1 – Terminal Operators Liability INR 10, 00,000 any one accident or occurrence Section 2 - Removal of Wreck/Debris INR 10, 00,000 any one accident or occurrence

Conditions

Section 1) Property:

Terms as per:

Ports & Terminals Property Damage Wording LSW 1516 (01/04)

Ports & Terminals Earthquake Extension Clause (Property) LSW 1517 (01/04)

Clause A amended to include Tsunami.

Clause B amended to include Sea quake.

Ports & Terminals Handling Equipment Wording LSW 1519 (01/04)

Exclusion 4.15 (Mechanical or Electrical Breakdown) deleted.

Ports & Terminals Earthquake Extension Clause (Handling Equipments)
LSW 1520 (01/04)

Clause A amended to include Tsunami.

Clause B amended to include Sea quake.

Section 2) Business Interruption

Terms as per Ports and Terminals Business Interruption Wordings LSW 1522 (01/04),
as applicable.

Section Three

Port & Terminal Operators Legal Liability / Third Party Liability

LSW 1510 Ports and Terminals Liability wording.

LSW 1511 Ports and Terminals Fire Extension.

LSW 1512 Ports and Terminals Advice and Information Extension

LSW 1513 Ports and Terminals Fines and Duty Extension

LSW 1514 Ports and Terminals Infringement of? Personal Rights

LSW 1515 Ports and Terminals Wrongful Cargo Delivery Extension

All Sections:

General Policy Provisions LSW 1524 (01/04)

Marine Impact Insurance Clause

Institute Radioactive Contamination, Chemical, Biological, Bio- Chemical,
Electromagnetic Weapons Clause CL 370 10/11/03.

Institute Cyber Attack Exclusion Clause CL. 380 10/11/03.

Sabotage & Terrorism excluded absolutely.

**Choice of Law &
Jurisdiction**

This insurance shall be governed by and construed in accordance with the laws of India and each party agrees to submit to the exclusive jurisdiction of the Indian Courts.

Premium

To be Advised

**Premium Payment
Terms**

To be Advised

Information

The following Information was provided to Underwriters to support the assessment of the risk at the time of underwriting.

Risk Inspection report

Claims Experience: NIL since 10th April 2017

Sum Insured: Break – up Details as attached

Plant Layout

4. DETAILS OF ASSETS TO BE INSURED

Sr.No.	Asset	Ev.	Life	Cap.date	Asset description	Gross Book Value	Net Book value as on 31.12.2017	Current Replacement Cost	Exhausted Life	Balance Life	Value to be Insured
a. Berth no 4, 10,11											
1	400345	6	60	06/10/2010	jetty relocation of port craft & smal boat at Br.4	150,917,782.00	132,136,342.00	173,555,449	7.49	52.51	151,896,680
2	710057	6	60	31/01/2012	RCC piled structure ,reclamation of br. no.4	116,558,091.75	105,191,591.00	134,041,806	6.17	53.83	120,264,267
3	710009	6	60	01/02/1986	General Cargo Berth No.10	70,096,565.35	37,349,319.00	325,000,000	32.18	27.82	150,687,215
4	710010	6	60	11/07/1994	Construction of general cargo berth No.11	364,773,753.17	232,165,519.00	1,100,000,000	23.74	36.26	664,821,918
						702,346,192.27	506,842,771.00	1,732,597,255			1,087,670,079
b. Plant & Machinery installed at port like fork lifts, cranes etc											
1	730055	7	20	12/07/2013	Design Manuf Supply Erection Test & Comm 100T HMC	273,059,316.00	213,651,052.00	290,756,981	4.72	15.28	222,130,368
2	730042	7	15	25/10/2006	75 MT hydraulik crane	32,569,100.00	12,179,048.00	35,158,100	11.44	3.56	8,348,042
3	730054	7	13	07/01/2014	RADIOLOGICAL DETECTION EQUIPMENT FOR CONT	8,882,126.00	6,648,473.00	15,281,112	4.23	8.77	10,308,712
						314,510,542.00	232,478,573.00	341,196,193			240,787,122
c. Value of mooring dolphin											
1	710054	6	60	15/03/2011	15/03/11 Const of 3 additional Mooring Dolphins at MRH	126,073,045.00	111,968,941.00	150,000,000	7.05	52.95	132,376,712
2	710017	6	60	28/02/2003	28/02/03 Construction of mooring dolphins 3 nos.	65,100,462.00	48,029,456.00	150,000,000	15.10	44.90	112,260,274
						191,173,507.00	159,998,397.00	300,000,000			244,636,986
d. Owned Tugs											
3	710042	8	15	28/02/2018	Providing Vessels Traffic Management System	29,500,000.00		29,500,000	0.08	14.92	29,332,968
						528,659,428.00	240,624,747.00	955,000,000			29,332,968
e. Breakwaters berth											
1	710058	6	60	20/04/2012	constructure of non cargo berth along breakwater	427,389,229.00	387,236,912.00	550,000,000	5.95	54.05	495,477,169
					Breakwater			4,000,000,000			4,000,000,000
						427,389,229.00	387,236,912.00	4,550,000,000			4,495,477,169
f. Mole Berths											
1	710053	6	60	25/02/2010	Strengthning of break water mole	338,846,981.00	295,130,581.00	389,674,028	8.10	51.90	337,076,931
						338,846,981.00	295,130,581.00	389,674,028			337,076,931
g. Warehouse Sheds											
1	400307	6	60	31/03/1998	Const. shed E2 at berth No.11 (T3 Shed)	50,554,169.35	31,781,020.00	90,000,000	20.01	39.99	59,979,452
2	400303	6	60	31/07/1986	MGCB - T-4 Shed near br. no. 10 (T1 Shed)	38,481,995.27	23,019,238.00	150,000,000	31.69	28.31	70,780,822
						89,036,164.62	54,800,258.00	240,000,000			130,760,274
h. Other civil structures like Admin building, staff quarters, hospital etc.											
1	400267	6	60	31/07/2004	Const of a hospital at hl - civil works	68,094,923.00	52,624,309.00	88,523,400	13.67	46.33	68,348,957
2	400178	6	60	31/03/1998	Const. of new Adm. office bldg.	56,856,339.58	37,322,769.00	300,000,000	20.01	39.99	199,931,507
3	400316	6	60	07/04/2006	100 beded hospital	17,366,824.00	13,703,108.00	22,576,871	11.99	48.01	18,065,621
4	400228	6	60	16/08/1999	Const of Trade Promotion cum Liason Office at Mum.	8,997,979.00	5,873,643.00	40,000,000	18.64	41.36	27,576,256
5	400350	6	60	26/02/2011	Commercial building near railway station ,Vasco	7,926,760.74	7,033,797.00	17,000,000	7.10	52.90	14,989,498
6	400170	6	60	18/03/1995	Const of an annex. to the Guest House at HL(Civil)	7,228,361.20	4,329,884.00	15,000,000	23.05	36.95	9,236,986
7	400081	6	60	30/11/2000	Construction of TPC at Mumbai	1,930,218.50	1,329,243.00	10,000,000	17.34	42.66	7,109,589
8			60	31/03/2017	Cruise Terminal Building at Harbour	76,700,000.00		80,000,000	1.00	59.00	78,666,667
						168,401,406.02	122,216,753.00	493,100,271			423,925,080
					GRAND TOTAL	2,760,363,449.91	1,999,328,992.00	9,001,567,747.06			6,989,666,610



Mormugao Port Trust, Goa

Risk Survey Report

21st April 2016

TABLE OF CONTENTS

GENERAL	3
EXECUTIVE SUMMARY	4
INTRODUCTION	5
LOCATION DETAILS	6
PORT OPERATION	7
STORAGE PRACTICES	9
CRITICAL EQUIPMENT	9
FIRE PROTECTION	10
ELECTRIC POWER SUPPLY	10
SECURITY MANAGEMENT	11
NATURAL HAZARDS EXPOSURES	12
PORT RISK EXPOSURE	15
RECOMMENDATIONS FOR RISK IMPROVEMENTS	16
DISCLAIMER	18
CONTACT INFORMATION	19
ANNEXURE-A: PICTURES TAKEN AT PORT SITE	20

GENERAL

Purpose of survey:

To carry out the complete risk survey, ascertain the risk exposures and collect underwriting information and prepare risk survey.

This Report contains findings of Mormugao Port Trust., Goa

Date of survey:

21st April 2016

Executives contacted:

Mr. Vinayak Roa

Mr. Anant Chodnekar

Mr. Sudin Prabhudessai

Survey carried out by Global Insurance Brokers Pvt. Ltd.:

Mr. Pranav Patel

Mr. Anshul Upadhyaya

Mr. Yogesh Bokde

We gratefully acknowledge the contribution of all personnel of Mormugao Port Trust involved in the survey and meetings.

EXECUTIVE SUMMARY

Global Insurance Brokers Private Limited carried out a risk survey at Mormugao Port Trust, Goa on 21st April 2016. We were accompanied by Executives from Mormugao Port Trust.

The purpose of the visit was to ascertain a general impression of the quality of risk, develop a risk perspective and to evaluate its exposure to various perils like Fire /Explosion, and Natural Hazards etc.

Key Positives:

- Office complex has been protected with Portable fire extinguishers and fire hydrant system
- Smoke detectors are provided for office complex
- Two fire tenders are provided for Port area
- Six mooring dolphins have been installed to avoid vessel traffic congestion
- Port is provided with one lighthouse at breakwater berth and one lighthouse at mole berth
- Harbour Mobile Crane (HMC) is provided for cargo handling purpose
- Security set up is well managed

INTRODUCTION

Mormugao Port, one of the oldest ports on the west coast of India, with a fine natural harbour, has been relentlessly serving the nation in its economic development for over a century. The port was commissioned in 1885 and is one amongst the 12 major ports of the country. The port is mainly an iron ore port and handling largest quantum of ore exports amongst all the Indian Ports. Though ore is the predominant cargo, there has been a steady increase in liquid bulk and general cargo traffic ever since its joining the ranks of the Major Ports of India. Excellent facilities, high productivity, streamlined administration and a dedicated workforce all go towards making this Port one of the most efficient Port in the Indian subcontinent.

It is an open type harbour protected by a breakwater and a mole built from the outer end of the breakwater and running parallel to the quay.

Access to the site

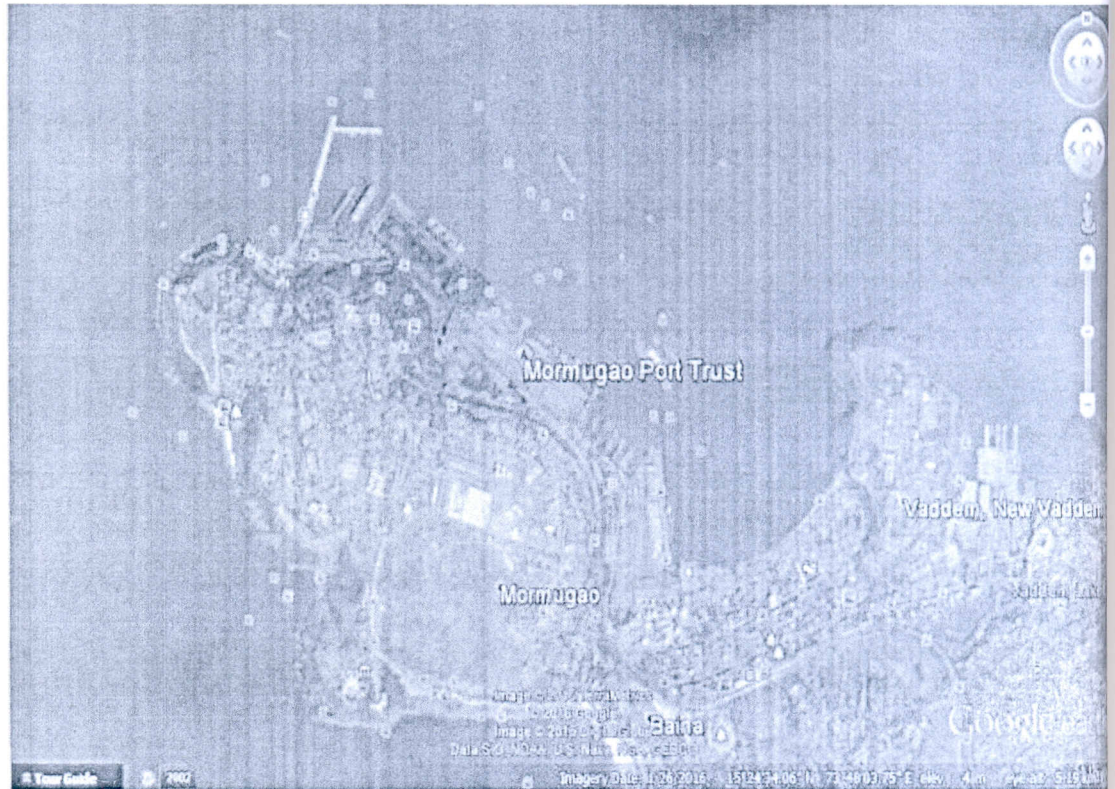
The state of Goa is located on the Western Coast of India. The coordinates of Mormugao port are latitude 15° 25' North and longitude 73° 47' East. Mormugao Port is connected through road with two national highways NH-17 and NH-4A. The NH-4A highway eventually joins with NH-14 which connects Mumbai and Bangalore. The NH-17A highway connects Mormugao.

LOCATION DETAILS

Mormugao Port Trust

Headland Sada,

Vasco da Gama, Goa-403804



Google snapshot of the site

Nearest	Agencies / Landmarks	Distance
Railway Station:	Vasco da Gama Railway Station	4 Km
	Madgaon Railway Station	35 Km
Domestic Town:	Vasco da Gama	5 Km
Airport:	Dabolim Airport	6Km
Police Station:	Police Station	3 Km
Fire Brigade:	Fire Station, Mormugao	4 Km
Hospital/Health Centre	Mormugao Port Trust Hospital	

Mormugao Port Trust, Goa

Risk Survey Report, 21st April 2016

PORT OPERATION

Mormugao port has total 11 berths out of which 8 berths (Berth No. 1,2,3,5,6,7,8,9) are leased out to some other organizations and remaining 3 berths (Berth No. 4,10,11) are under the operation of Mormugao port. Dry bulk, liquid bulk and general cargo handling activities are being carried out at these ports. The details about the port operations are given below.

Breakwater and Mole:

The port has been provided with one breakwater berth and one mole berth. It is of RCC construction supported with number of piles and constructed in the year 2012. The length of the breakwater and mole is 500 mts and 300 mts respectively and width is 20 mts.

Breakwater and mole are also being used as a berthing for vessels. Breakwater can be used by one side only and mole can be used by both sides.

Mooring Dolphins:

There are total six mooring dolphins provided for the Port. The structures typically consist of a number of piles driven into the seabed and connected above the water level to provide a platform or fixing point. It is a RCC constructed.

Approach Channel:

- Length of Outer Channel : 5.2.kms
- Length of Inner Channel : 2.3 kms
- Width of Channel : 250 m
- Depth : 14.4 m to 13.1 m below chart datum
- Turning Basins : 2 nos. of 480 m diameter
- Tidal Range : Springs- 2.3 m/ Neaps-1.0m

Berth No. 1,2,3 :

The old berths 1 to 3 are leased out to Western India Shipyard Ltd, for installing a modern ship repair facility. It was commissioned in the year 1995. The construction of the berth is of RCC structured. The length of the berth is approx. 331 mts with a draft of about 8.5 mts.

Berth No.4:

Berth No. 4 is under the operation and management of Mormugao Port only and was commissioned in the year 2010. This berth is being used for small crafts only. It is a RCC constructed. The length of the berth is approx. 190 mts and width is 16 mts and depth is 8 mts.

Berth No.5&6:

Berth No. 5 and 6 are leased out to JSW Steel. JSW which imports coal and exports finished steel products annually through the port. The construction of berth is of RCC structured. The length of the berth no. 5 & 6 is approx. 200 mts and 240 mts.

Berth No.7:

Berth No. 7 is leased out to Adani Mormugao Port Terminal Pvt. Ltd for handling of coal cargos.

Berth No. 8&9:

Berth No.8 is a Liquid cargo handling berth. The commodities like POL product, Furnace oil, Ammonia and other liquid products are being handled and managed by private agencies at this port. Berth No. 9 is dedicated for the handling of iron ore with mechanical ore handling plant (MOHP) and it belongs to Vedanta Limited. The structure is of concrete cribs with RCC decking. The length of the berth no. 8 & 9 is 260 meter and 360 meter respectively.

Berth No. 10&11:

Berth No. 10 and 11 are under the operation and management of Mormugao Port. It is being used as a general cargo berths and commissioned in 1985 and 1994 respectively and having a draft of 11.00 mts and 12.50 mts. It is a RCC constructed supported with piles. The length of the berth no. 10 & 11 is approx. 250 mts and 270 mts.

STORAGE PRACTICES

There are three dedicated storages provided for material export/import purpose at berth no. 10 & 11 which belongs to Mormugao Port. At present, wood chips have been stored in open shed and steel coils have been stored in closed shed.

CRITICAL EQUIPMENT

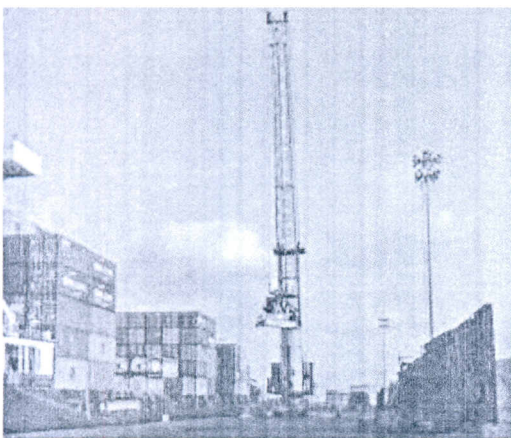
There is one Harbor Mobile Crane (HMC) provided for container handling purpose at berth no. 10&11. Maintenance of the equipment is under AMC contract.

Make: ITALGRU

Capacity * Radius

120 T * 11-20 m

37.5 T * 51 m

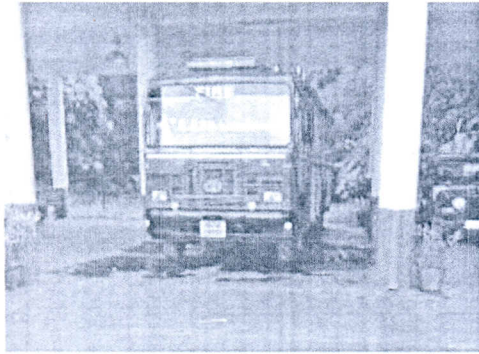


HMC

FIRE PROTECTION

Portable fire extinguishers of appropriate type and capacity have been provided in all the areas of administrative building. Administrative building is also protected with fire hydrant system.

For port area, there are two fire tenders available at site.



Fire Tender

ELECTRIC POWER SUPPLY

Incoming power supply:

The power is received from Reliance Energy Limited at the main receiving substation through a 33 kV supply line and is transformed to 3.3 kV for distribution to drive houses for their large capacity motors and to supply two other substations in the port area. Power is transformed to 415 volts for low voltage supply and lighting systems in the port areas.

SECURITY MANAGEMENT

Access control: Entry inside the port premises is controlled at the main gate by security with identification, verification of appointment. Security is on contact basis and is available round the clock.

Gunman: Gunman is available at the site.

Any past incidences: It was reported that there were no major incidences happened in the port premises.

NATURAL HAZARDS EXPOSURES

Natural Hazards Exposure (from Munich Re Natural Hazards Manual)



Mormugao Port Trust, Goa

Risk Survey Report, 21st April 2016

➤ Natural Hazards Exposure (Pertaining to the location conditions)

Peril	Exposure
Earthquake	No Data
Volcanic Eruption	Nil
Tsunami	Medium To High
Tropical Cyclone	Zone 0: Wind Velocity - 76-141 Km/Hour. Low.
Extratropical Storm	Nil
Hailstorm (Frequency and Intensity of Hailstorm)	No Data
Tornado	No Data
Lightning (Frequency of Lightning Strokes per sq.km. and year)	No Data
Flood	No Data
Storm Surge	Medium To High
Coastal Flooding	High

➤ Natcat Exposure of Goa State As per the Vulnerability Atlas of India –

i. Earthquake – Zone III: Moderate Damage Risk Zone (MSK VII). Magnitude (M) on the Richter Scale is 5.0-5.9 OR 6.0-6.9.

ii. Wind – Moderate Damage Risk Zone – B. Wind Velocity (Vb) = 39 Meters/Second.

➤ **Other Perils**

Fire: Moderate to High

There is a possibility of fire at berth no. 10&11 where combustible materials like wood chips have been stored in open shed area at other side of the berth.

Terrorism: Low

There is no history of any terrorists attack in this area.

Aircraft Damage: High

Aircraft damage is considered to be high. The distance of location from Goa Airport is about 8 km. Various domestic/international flights arrive & take off from the airport and may be passing above the port.

Burglary: Low to Moderate

Security arrangements are satisfactory within the facility. Every person entering and leaving the premises is being checked. All materials going out of the port are checked with necessary documents.

Impact Damage: Moderate to High

Movement of heavy vessels alongside of the port was noticed for the export/import activities. However, Impact of heavy vessels cannot be ruled out in case of uncontrolled driving.

Missile Testing Operations: Low

There is no missile testing area or artillery testing area in vicinity.

Riot, Strike, Malicious Damage (RSMD): Low

Good employee employer relationship is present in the port and majority of the workers are local.

Explosion: Moderate to High

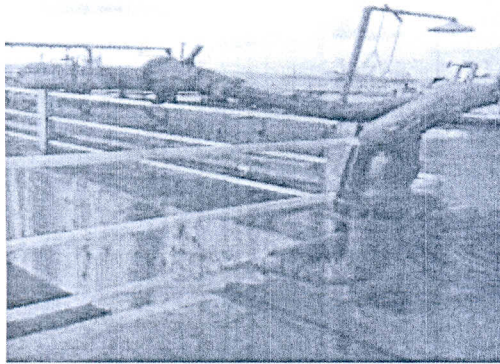
Oil storage tank which is installed at berth no. 8 can lead to an explosion though it doesn't come under the custody of Mormugao Port.

PORT RISK EXPOSURE

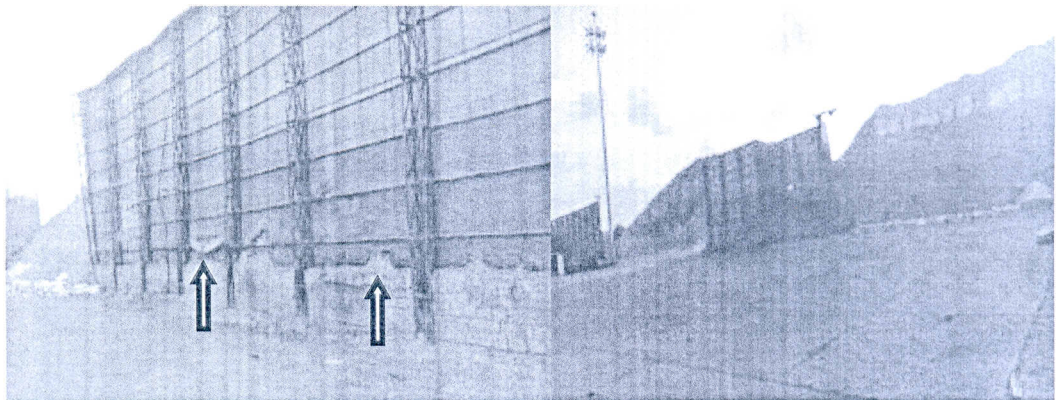
- Damage to port structure by vessels contact
- Business Interruption/Increased Cost of Working due to physical loss, port or berth blockage, vessel impact, traffic congestion etc.
- Cargo Liability – loss of/damage to cargo in the client's care custody
- Falling of container while handling cargos
- Third Party Liability in respect of stocks damage, death/injury of people
- Equipment failure like cranes, fork lifts etc.
- Fire/Explosion
- Property damage due to Act of god perils like earthquake, floods, storm, coastal flooding, cyclone, lightning

RECOMMENDATIONS FOR RISK IMPROVEMENTS

- It was observed that fire water monitor which is installed at berth no. 8 was not functioning. It is recommended that all the fire monitors installed at the site should be checked/tested from authorized services.



- It was observed that the protection sheet which has been placed for wood chips material in open shed area at berth no. 10&11 found to be damaged. It is recommended that it should be replaced with a new one so that material will not spread out of the sheet. It is also recommended that source of ignition should be avoided like open flames, hot gases, hot surfaces, mechanical sparks and electrical sparks, smoking at site etc. Wood chip piles can likewise pose a hazard. Fires from these piles can spread, burning and/or destroying adjoining properties.



Guidelines for storage of wood chips (from NFPA 230- Standard for the Fire Protection of Storage):

- a) Piles should not exceed 60 feet in height, 300 feet in width or 500 feet in length

- b) Piles should be separated from one another by approved fire apparatus access roads
 - c) Low barrier walls should be provided around piles to define pile perimeter and prevent creeping
 - d) Physical protection should be provided to prevent heat sources such as steam lines, air lines, electric motors and mechanical drive equipment from becoming buried or heavily coated with material
 - e) A minimum of 15 feet should be maintained between piles and exposing structures, yard equipment or stock depending on the degree of the exposure
 - f) Appropriate number of fire extinguishers suitable for Class A fires shall be provided in accordance with NFPA 10, Standard for Portable Fire Extinguishers
 - g) Monitor pile temperature routinely
- It is recommended that speed limit boards may be placed in the access roads of the berths to minimize the risk of impact damage from the vehicle.

DISCLAIMER

This report and any recommendations in it are based on certain observations made by us and/or from information supplied to us from sources which Aon Global believes it is entitled to assume are reliable.

Conditions may have changed since our survey and/or the preparation of this report, and the reader must take this into account when acting in reliance on it.

It is not, and is not intended to be, exhaustive or conclusive, covering every hazard or risk potential, nor to guarantee compliance with any statute or regulation, nor does its preparation and submission to insurers relieve you of your obligation to make full disclosure of all material facts to your insurers. It is offered to assist you in your assessment and/or management of risk. If you are in any doubt as to whether a fact is material and should be disclosed to your insurers, you should promptly discuss this with your insurance broker, if at all possible prior to the binding of the insurance contract.

For and on behalf of Global Insurance Brokers Pvt. Ltd.

CONTACT INFORMATION

Yogesh Bokde

Assistant Manager

Aon Global Risk Consulting

Aon Global Insurance Brokers Pvt. Ltd.

T: 91 22 61845678

M: +91-9920023434

yogesh.bokde@globalinsurance.co.in

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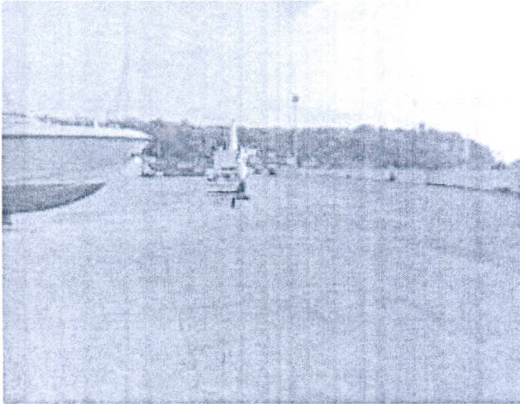
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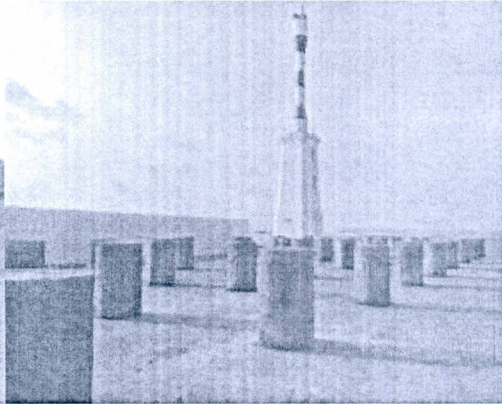
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ANNEXURE-A: PICTURES TAKEN AT PORT SITE



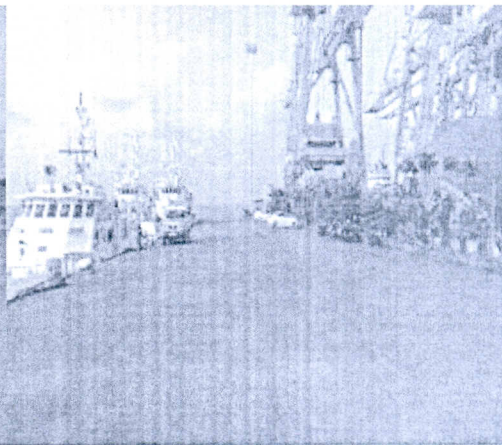
Breakwater Berth



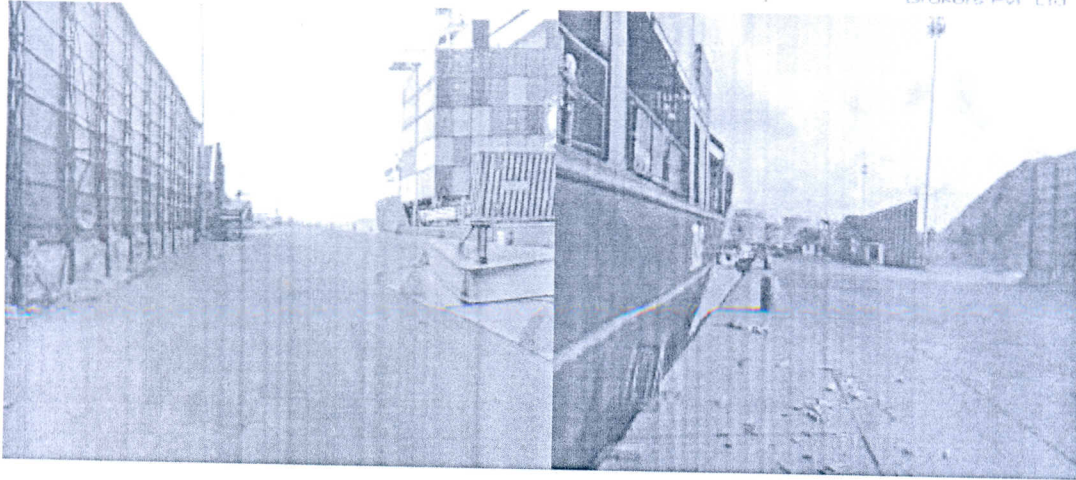
Lighthouse



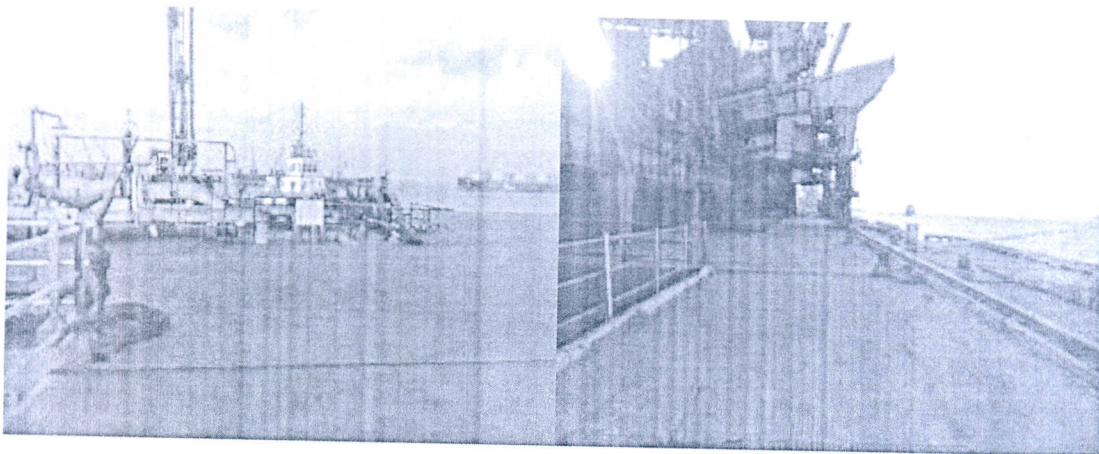
Mole Berth



Berth No. 4



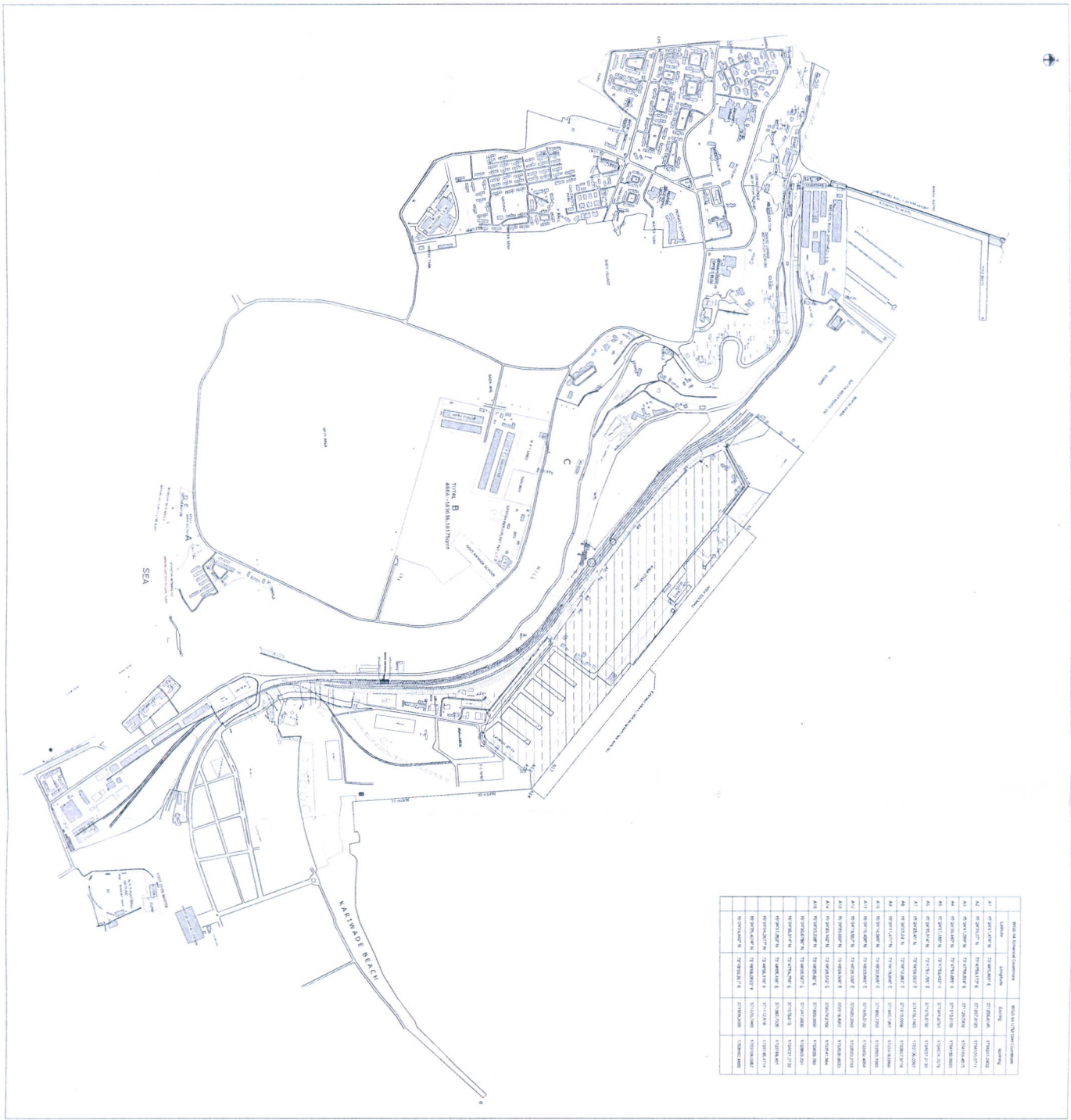
Berth No. 10&11



Berth No. 8

Berth No. 9

MORMUGAO PORT TRUST PORT PLAN LAYOUT



Location	Structure	Area (sq. m)	Volume (cu. m)
1	WAREHOUSE	10000	10000
2	WAREHOUSE	10000	10000
3	WAREHOUSE	10000	10000
4	WAREHOUSE	10000	10000
5	WAREHOUSE	10000	10000
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100	WAREHOUSE	10000	10000

The Financial Advisor and Chief Accounts Officer
Mormugoa Port Trust
Administrative Office, Headland Sada,
Goa – 403 804

**Sub:- Offer for Insurance Package All Risks cover under Port Package Policy for 12 Months
from 10th April 2018**

Dear Sir,

In response to your expression of interest and Price Bid Document received by us, we are pleased to quote for a comprehensive all risks cover under Port Package Policy for your company.

We submit our quote as per the terms & conditions of the Price Bid Document. We agree to all the terms & conditions of the all risks Port Package Policy contained in the Price Bid Document. We agree and confirm to issue to you a comprehensive Port Package Insurance Policy against all risks of physical loss or damage, Business Interruption, Third Party Liability including Public Liability Risks under any statutes and all risk associated with the removal of wreck/debris etc. as per the Price Bid Document against any and every risks for whatever reason other than the limited exclusions specified by you in the Price Bid Document and accepted by us unconditionally for the deductibles, time excess and limited to the sum insured mentioned therein.

The value/s of the properties of the insured stated in the Price Bid Document are provisional and therefore we agree to the premium cost subject to variation on the final value to be determined by your Company for the respective properties offered for coverage of insurance,.

We have agreed to all the terms & conditions of the Price Bid Document.

The quotation, terms and conditions, valuation of properties as accepted are attached to this letter containing _____ pages duly signed and stamped.

We look forward to serve you to our best against risks as per your Price Bid Document at our competitive Premium cost.

Thanking you,

For (XYZ Insurance Co Ltd)
(Authorized Signatory)

ANNEXURE A

Price Bid format

Sr. No.	Policy	Premium	Capacity	Deviations