

## **MALABAR INTERNATIONAL PORT & SEZ LTD**

### **EXPRESSION OF INTEREST (EOI)**

**FOR CONSTRUCTION AND MAINTENANCE OF BREAKWATERS FOR THE  
PROPOSED INTERNATIONAL PORT AT AZHIKKAL IN NORTH KERALA**

**EOI submission due date: 28 February, 2026**

*(This document is meant for exclusive purposes of submitting a response to the EOI document for the design, construction, and maintenance of the two breakwaters proposed for the Greenfield port and shall not be construed as a part of any bidding document or bidding process)*



**Managing Director,  
Malabar International Port & SEZ Ltd  
N-5, Jawahar Nagar, Kowdiar,  
Thiruvananthapuram, Kerala, India  
PIN: 695 003  
Tel: 0471- 401 9300  
Email: mdapl.port@kerala.gov.in**

**January 2026**

## **NOTICE INVITING EXPRESSION OF INTEREST (EOI)**

**Introduction:** The Government of Kerala through the special purpose vehicle Malabar International Port & SEZ Ltd (MIPS Ltd) proposes to develop a Greenfield International Port at Azhikkal (Kannur district) in the northern part of Kerala State in India.

**Expression of Interest (EOI):** Malabar International Port & SEZ Ltd (MIPS Ltd) is a Company incorporated and wholly owned by Government of Kerala for undertaking development of a Greenfield international port and Special Economic Zone (SEZ). As part of the port development, two breakwaters are proposed to be constructed, one on northern side (2.15 km approx.) and the other on southern side (1.40 km approx.). MIPS Ltd, on behalf of Department of Ports, Government of Kerala, invites interests and suggestions from organizations or consortium of organizations having relevant technical expertise, financial capability, and experiences required for design, construction and maintenance of the Breakwaters required for smooth port operations.

MIPS Ltd proposes to finalize the project structure and bid qualification criteria after taking views of the interested applicants. Based on the responses received, MIPS Ltd shall initiate a bidding process for selection of implementing agency/Concessionaire by floating Request for Qualification (RFQ) /Request for Proposal (RFP) and Draft Concession Agreement document through a global competitive bidding process. The purpose of this EOI is specifically to elicit the views of the various investors/developers so that the project contract can be structured addressing their genuine concerns and suggestions.

All other details including any date extensions, clarifications, amendments, etc., will be uploaded only on the website of MIPS Ltd and may not necessarily be published in Newspapers. Hence, applicants are advised to regularly visit the websites as mentioned above to keep themselves updated.

**How to Apply:** Interested Applicants are requested to submit EOI on the website of Malabar International Port and SEZ Limited ([malabarport.kerala.gov.in](http://malabarport.kerala.gov.in)) or to the email address [mdapl.port@kerala.gov.in](mailto:mdapl.port@kerala.gov.in) no later than the date mentioned in Para 3.1.15. Late submissions will not be accepted.

**Managing Director,  
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Thiruvananthapuram, Kerala, India  
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Tel: 0471- 401 9300  
Email: [mdapl.port@kerala.gov.in](mailto:mdapl.port@kerala.gov.in)**

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### Disclaimer

The information in this document (other documents shared by the MIPS Ltd (“Authority”)) has been prepared to assist the applicants in preparing a non-binding EoI and it is clarified that:

- a) It does not constitute an invitation to offer or an offer in relation to the transaction.
- b) This document does not constitute any contractor agreement of any kind whatsoever.
- c) It shall not be assumed that there shall be no deviation or change in any of the herein mentioned information. While this document has been prepared in good faith, neither MIPS Ltd nor any of their respective officers or employees or advisors or agents make any representation or warranty or shall have any responsibility or liability whatsoever in respect of any statements or omissions here from. Any liability is accordingly expressly disclaimed by MIPS Ltd or any of their respective officers, employees, advisors or agents, or otherwise.

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## Glossary

DPR	Detailed Project Report
GDP	Gross Domestic Product
GoK	Government of Kerala
INR	Indian Rupee
O&M	Operations and Maintenance
PPP	Public Private Partnership
SPV	Special Purpose Vehicle
USD	US Dollar
MIPS Ltd	Malabar International Port & SEZ Ltd

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## 1 PROJECT INTRODUCTION

### 1.1 Background

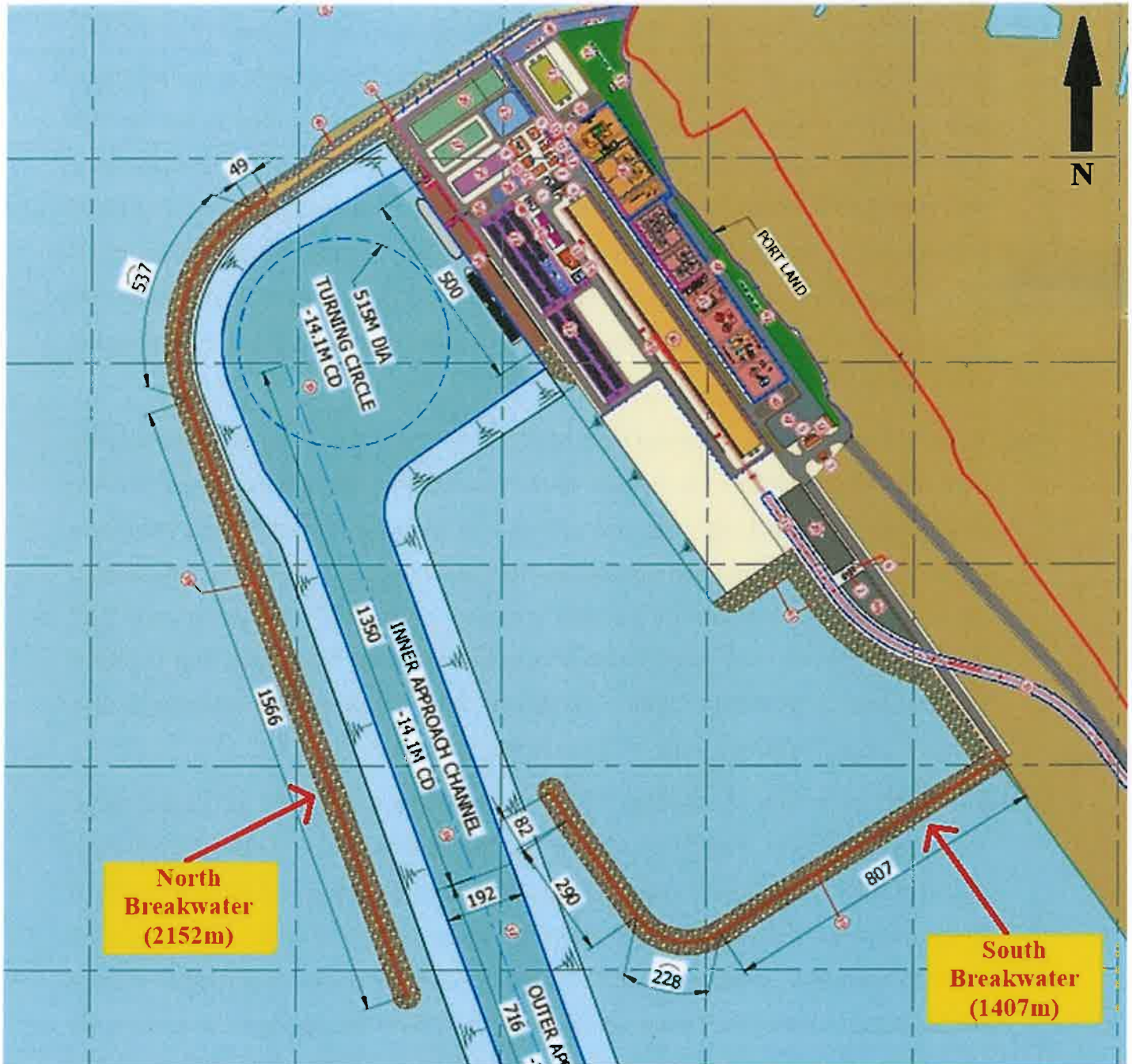
1.1.1. MIPS Ltd is incorporated by Government of Kerala with an objective of promoting the development of an international port at Azhikkal (Kannur district) in the Northern part of Kerala State along with Special Economic Zones in the area to provide the much-needed logistic efficiency to northern Kerala and adjoining areas of Karnataka. The proposed location for the development of port has an existing back up area of 60 hectares consisting of Government land. The Port is expected to further unlock the development potential of the North Kerala through a mix of industrial and agricultural commodity exports thus boosting economic growth of the Malabar region while earning forex.

1.1.2. As the promoter of the proposed Port, MIPS Ltd has undertaken several field studies from 2018 to establish the various techno-commercial attributes of the project, environmental impact, etc. and has prepared a Detailed Project Report through a reputed port engineering and consulting organization. The DPR covers the detailed study of field parameters and suitable technical design for breakwaters and port facilities along with the market demand assessment by delineating the potential markets and cargo commodities. The design of the breakwater foundation is also reviewed by IIT, Madras, India for its technical validation.

1.1.3. MIPS Ltd proposes to develop the Port Facilities comprising of berth, cargo handling equipment, storage areas and facilities, port crafts and navigational aids, vessel traffic management systems, etc. (excluding breakwaters) through the PPP mode, for which a separate Eol process has been initiated. Further, as regards the development of breakwaters, MIPS Ltd proposes to engage a competent agency (which can be either the same selected for the port's development or a separate agency as per the consideration of value for money to MIPS Ltd. and Government of Kerala) through a Hybrid Annuity Model contract. **This Eol process is for the design, construction, and maintenance of the two breakwaters proposed for the Greenfield port.**

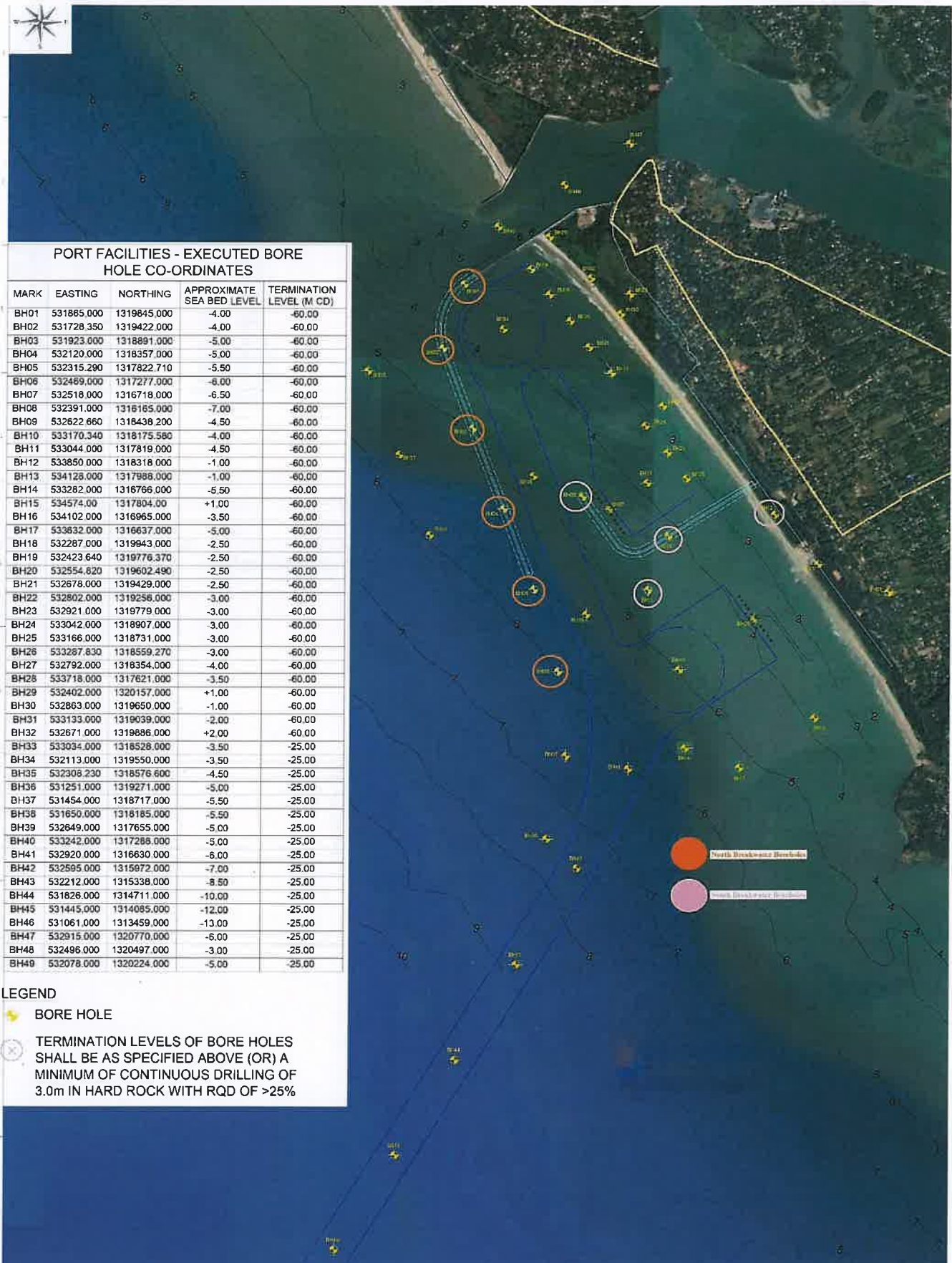
1.1.4. As per the preliminary designs, two breakwaters are proposed – north breakwater (approx. 2.15 km long) and south breakwater (approx 1.4 km long). The north breakwater is an extension for 2.15 km of an existing breakwater, the water depths at the starting and end locations being about 3.0 m and 6.0 m respectively below

Chart Datum (CD). The south breakwater starts from the shore and ends at about 3.0 m below CD. The layout plan of the breakwaters is given below.

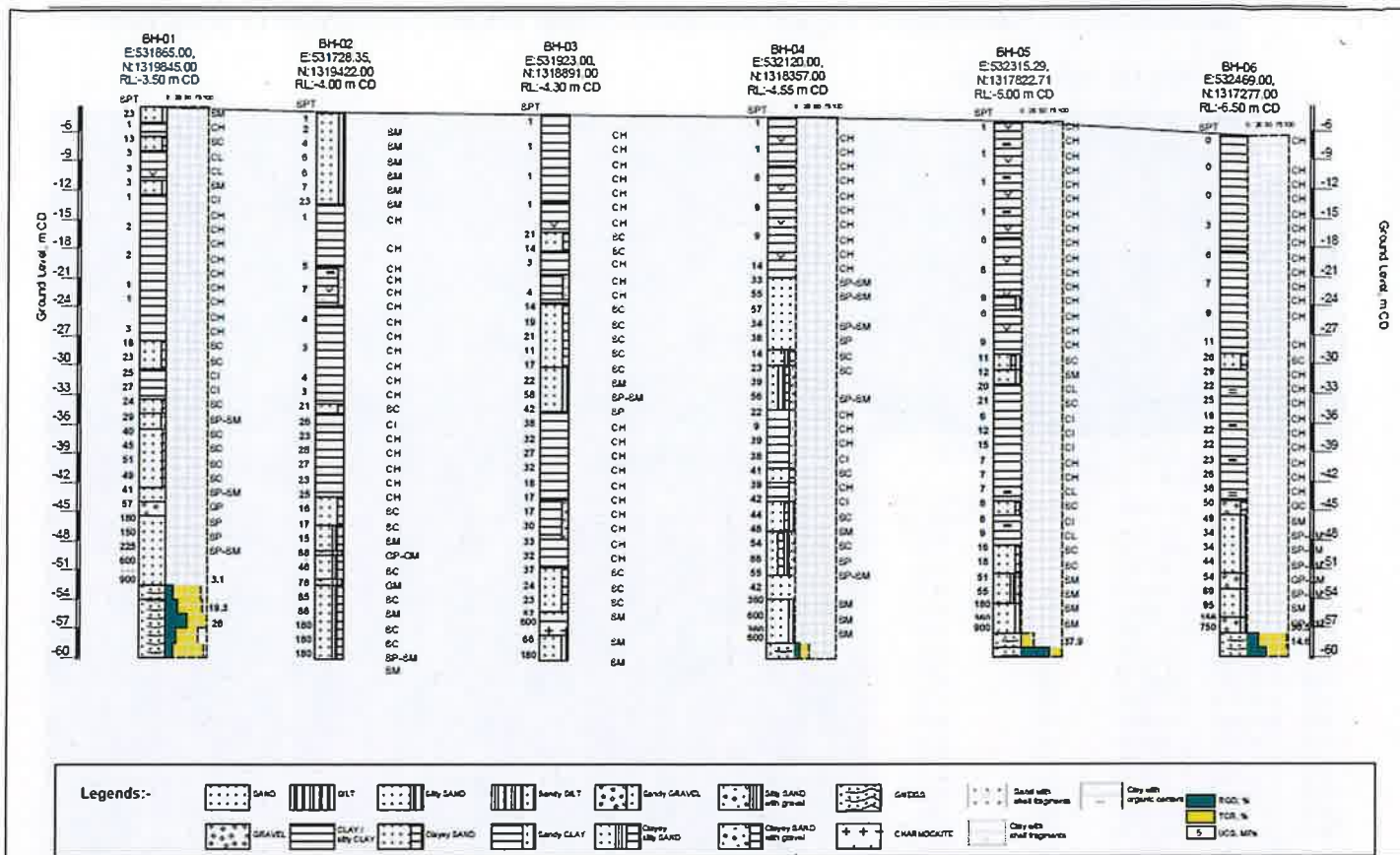


1.1.5. Detailed geotechnical investigations have been carried by boring holes in the sea bed along the alignments of the breakwaters, 6 boreholes for the North breakwater and 4 boreholes for the South breakwater. These investigations revealed the presence of Very Soft to Soft clay soil for considerable depth, requiring special type of foundation and/or specialized construction method for the breakwaters. The bore hoe location details and bore logs (Total 10 Nos) are presented below for broad understanding of the soil conditions. For further soil parameters detailed

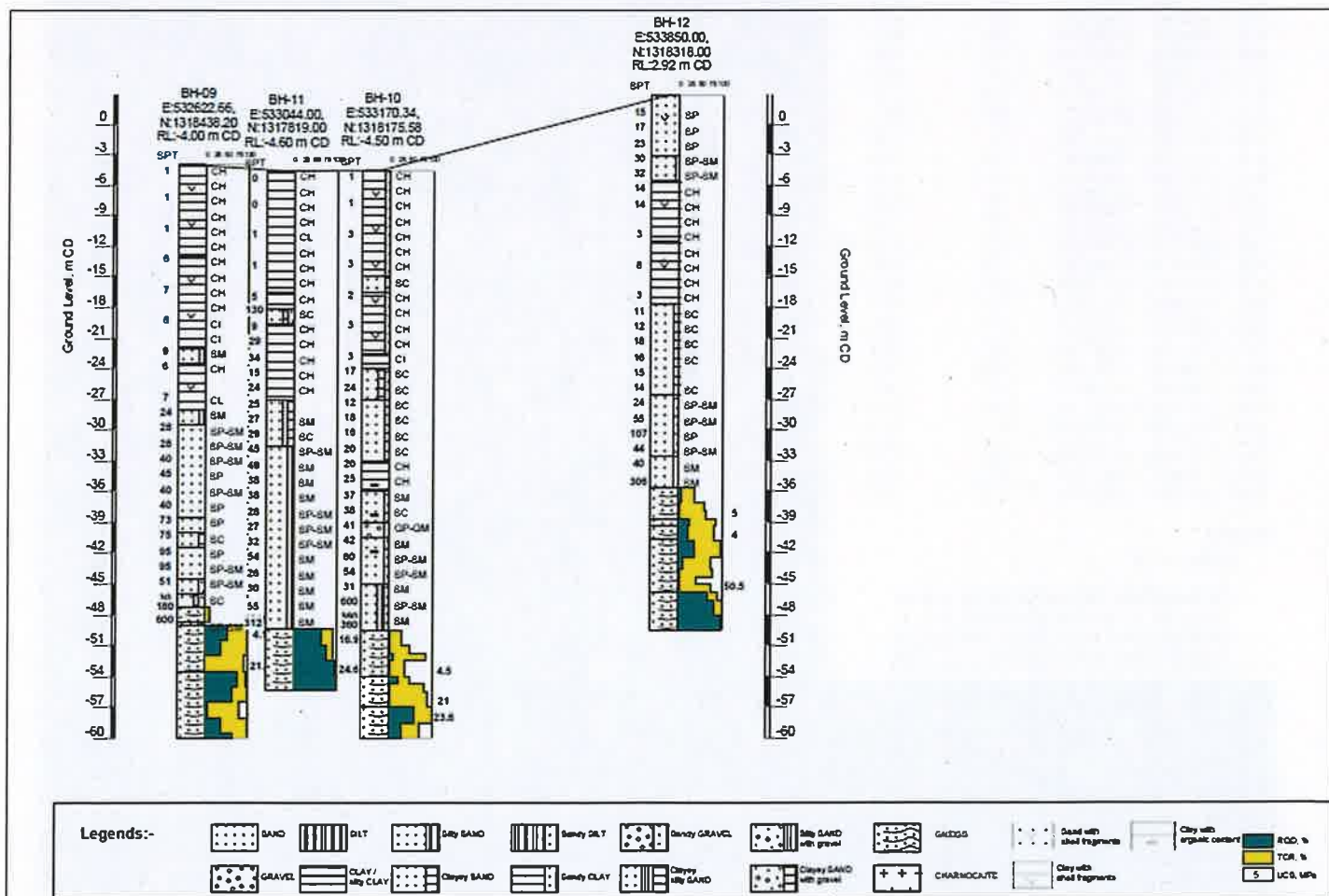
Geotechnical Investigation Report available in two volumes as noted in Annexure V may be referred to.



**Geotechnical Investigation - Borehole Locations Details**

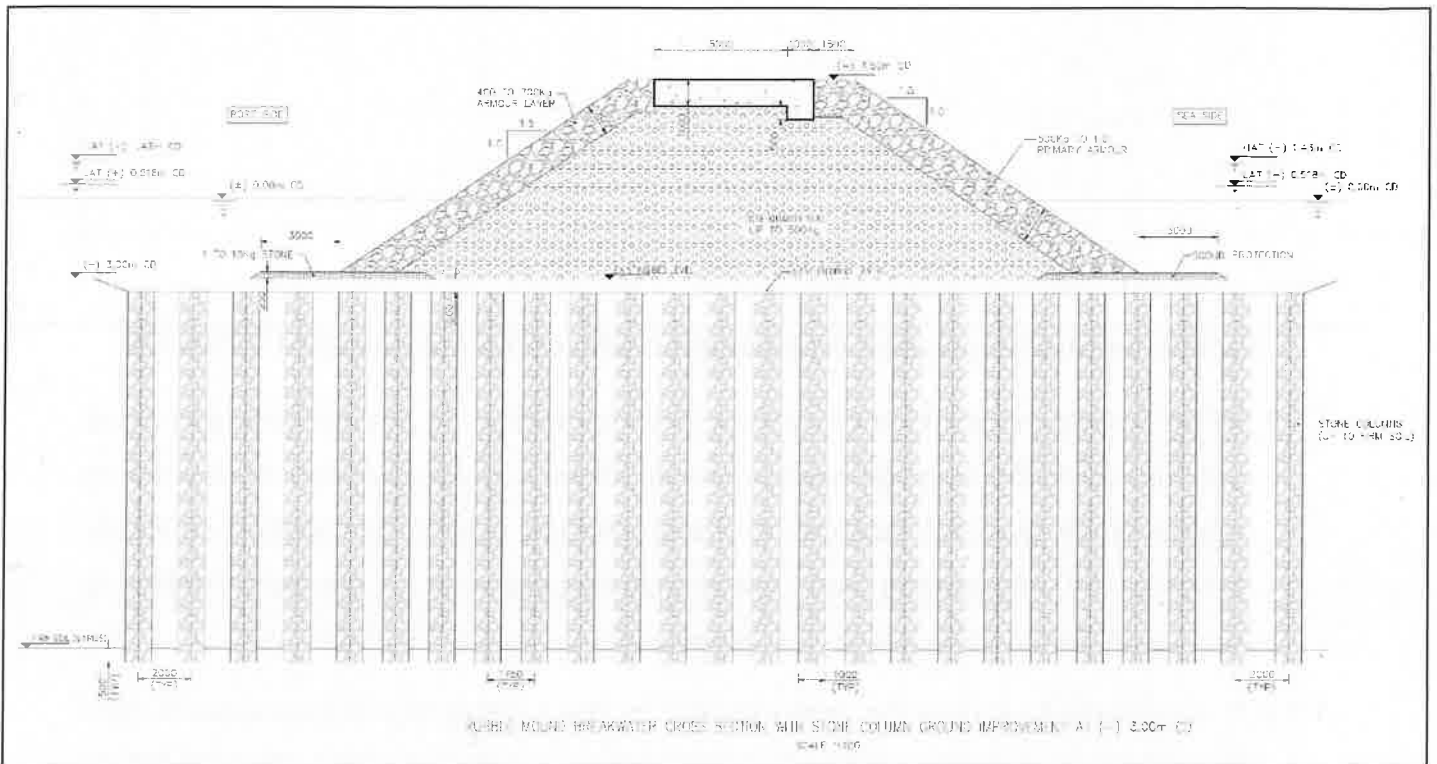


Bore logs of BH 01 to BH 06 of North Breakwater

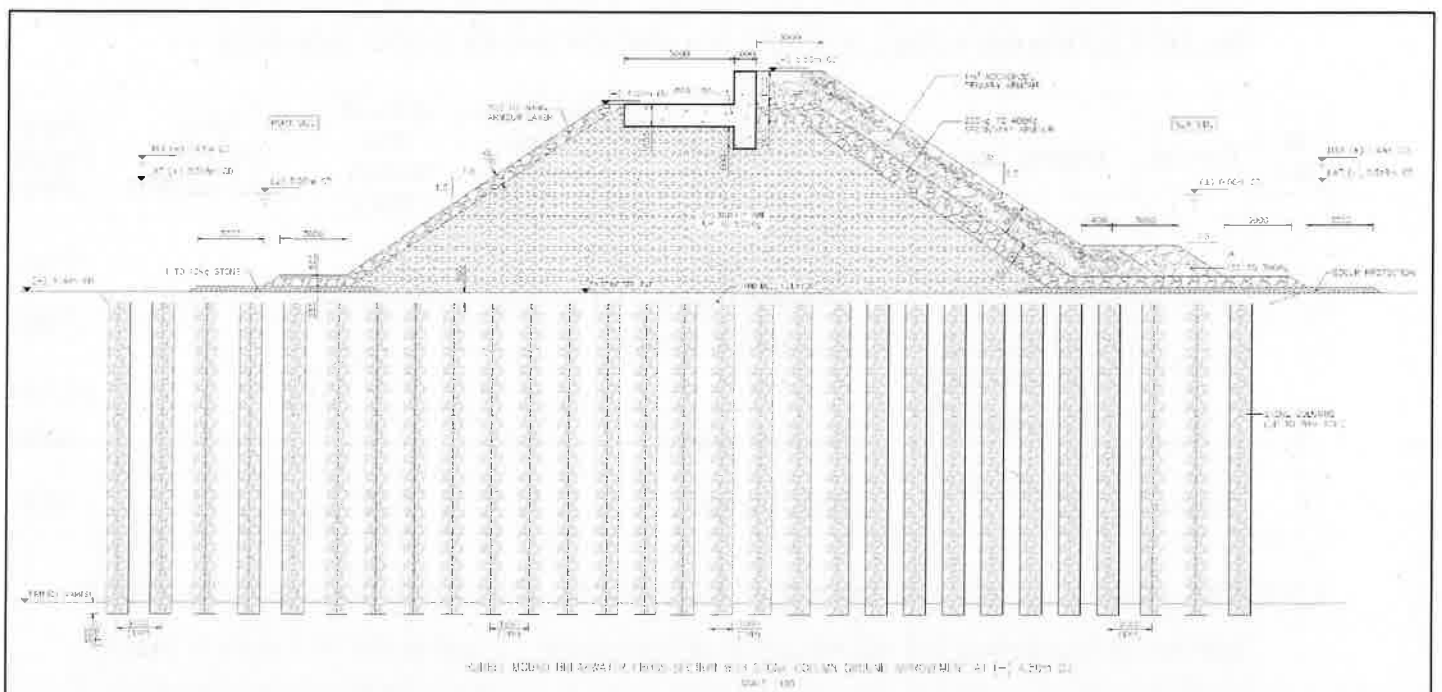


Bore logs of BH 09 to BH 12 of South Breakwater

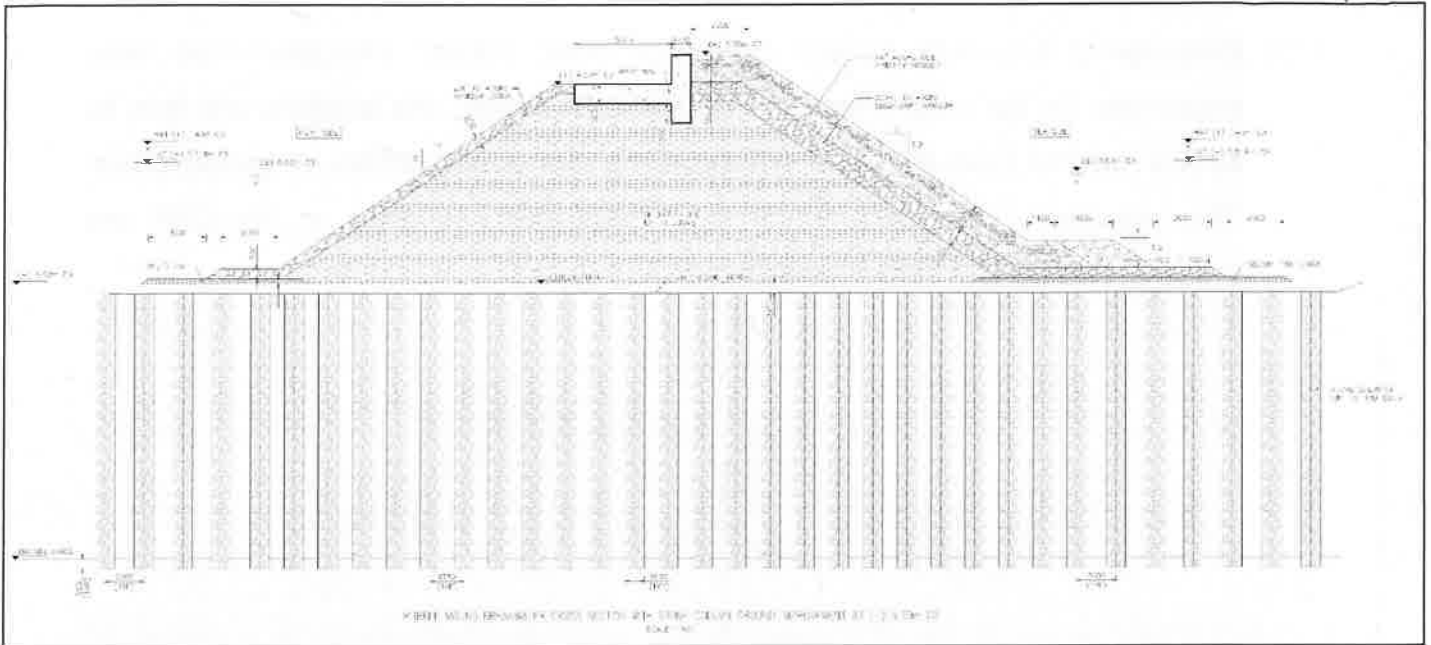
1.1.6. Considering the weak subsoil conditions stone column foundation has been suggested for the breakwaters in the DPR. However, the bidders are free to evolve further cost-effective solutions for the construction of breakwaters. The indicative Cross sections of the breakwaters, as given in the DPR are presented below for ready reference.



**Rubble mound breakwater cross section with stone column at (-) 3.00m CD**



**Rubble mound breakwater cross section with stone column at (-) 4.50m CD**



**Rubble mound breakwater cross section with stone column at (-) 5.70m CD**

1.1.7. While Rubble mound type of construction with accropode armour units and stone columns for foundation has been proposed as the suggested option, the executing agency shall have the flexibility to adopt alternate type of breakwater structure, meeting the engineering and operational requirements of the port subject to technical validation by a technical organization nominated by MIPS Ltd.

1.1.8. It is possible to source the rock required for the construction of breakwaters from the existing quarries as well as by opening new quarries at about 50 km to 60 km from the breakwater's construction site. The details of existing quarries identified in the DPR by the consultant (in 2022) are given below for further reference.

Sl. No.	District	Quarry Location	Operator	Distance from Port Site (Km)	Area of the Quarry (Ha.)	Total Capacity (In Lakhs MT)	Daily Supply (MT)
1	Kannur	Edayar, Near Kodayad Town	Malabar Construction Materials Pvt.Ltd	49	4.85	3.5	3,000
2	Kannur	Koluthayi Area, Thalassery Taluk	Rockbourne Estates Pvt Ltd	57	101.00	65	30,000 - 40,000
3	Kannur	Thrippangottur Village	Pannoor Granite	54	4.83	6.58	4,000
4	Kannur	Thrippangottur Village	Blue Granite	52	6.83	11.5	3,000

1.1.9. The existing access road from the NH 66 to the project site had been developed earlier for facilitating the construction of the existing breakwater at the river mouth. This road (Valapattanam-Azhikkal road) can be suitably modified and used for the

commencement of the breakwater construction. In the meanwhile, the construction of an exclusive port connectivity is expected to be completed by the NHAI.



**Location map of existing road access to the upcoming Port**

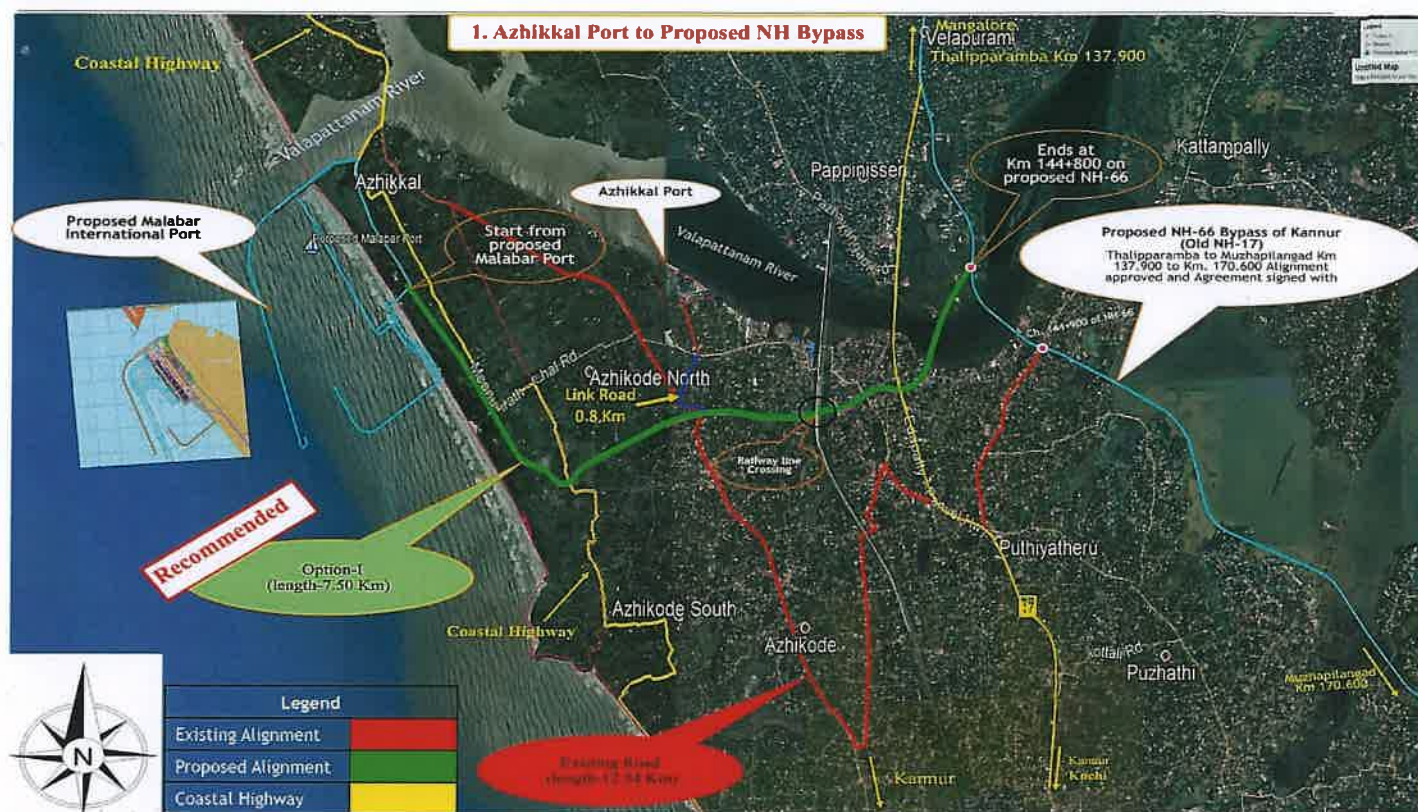
- 1.1.10. The estimated total cost of the two breakwaters as per the DPR is Rs.1428 Crores (2022 price levels)
- 1.1.11. Based on the DPR, MIPS Ltd has initiated the process for obtaining statutory approvals from the competent authorities under CRZ Regulations and Environment Clearance for the breakwaters and port facilities. The approval process under CRZ regulations is in advanced stage which is a pre-requisite for EC.
- 1.1.12. **Interested agencies before submitting their Eols, on request, shall be provided access to the DPR and the full studies and reports preceding the DPR containing detailed data of field survey reports prepared by a reputed port consultant. On receipt of such request, MIPS Ltd shall provide access to the digital data room for the authorized persons of the entity requesting for such access till the end of Eol submission period specified by MIPS Ltd. All prospective agencies are encouraged to review these documents in full before submitting their Eols. The list of the reports is attached as Annexure V.**

## 1.2 Details of the Proposed Site

1.2.1 The proposed location for port development is the open coast on the southern side of the Valapattanam river mouth. The indicative location plan is placed below.



1.2.2 The proposed port location is only 7.50 km from NH 66 that connects Mumbai via Panvel-Goa-Karnataka to Kerala. NH 66 that is currently being widened to 6 lanes road runs from north to south on the Malabar Coast passing through Kasargod, Kannur, Kozhikode up to Trivandrum, covering the primary hinterland of MIPS Ltd.



### Upcoming road connectivity to the proposed Port from NH 66 by NHA1

1.2.3 The Railway line connecting Mumbai - Ratnagiri - Goa - Mangalore - Kochi - Trivandrum passes through Kannur. The distance from the proposed port to the nearest rail line, which is the Valapattanam Railway Station, is only 7 kilometres. The nearest airport is Kannur International Airport which is about 30 Km east of the proposed Azhikkal port site.

## 1.3 Implementation Framework

1.3.1 As per the Hybrid Annuity Model being considered by MIPS Ltd. and Government of Kerala, the design, construction and maintenance of breakwaters are proposed to be awarded on a Hybrid Annuity Model for a suggested term of 12 years including 4 years for construction of the Breakwaters.

1.3.2 The Hybrid Annuity payment structure as per the model being considered involves payment of 25% of the Total Annuity quoted for the Breakwater payable as per defined stages during construction period and the remaining 75% payable over the remaining 8 years of the Concession Contract.

1.3.3 The proposed payment schedule for HAM for the Construction of Breakwater is shown in table below. The selection of the implementing agency shall be based on lowest quoted Total Annuity which will be paid as 12 annuities as per the schedule defined as percentage (%) of the Total Annuity quoted as shown in the table.

Total Annuity Quoted (Rs Cr)												
Year	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7	Year 8	Year 9	Year 10	Year 11	Year 12
Annuity Payment schedule (% of Total Annuity Quoted)	2.2%	5.02%	7.42%	10.35%	8.50%	9.00%	9.00%	9.00%	9.25%	9.50%	10.00%	10.75%

1.3.4 HAM Contract shall be guaranteed by MIPS Ltd. which is a wholly owned Company of Government of Kerala. Further for the purpose of helping the implementing agency obtain lending from FIs for the project, a suitable arrangement acceptable to lenders such as payment of Annuity through Escrow account can be considered along with assurance from Government of Kerala for annual payment as per schedule.

#### 1.4 Suggestions from Prospective Bidders

1.4.1 With the objective of providing adequate technical and financial freedom to prospective agencies, GoK is open to consider any constructive suggestions through this EoI for strengthening the implementation framework to achieve the stated public objective.

1.4.2 Therefore, prospective agencies may provide their suggestions with specific inputs on parameters critical to the project such as type of breakwater structure, suggestive engineering designs, construction methodology, structure of hybrid annuity format, key provisions of the contract, policy support from the state and fiscal incentives that can ensure the technical requirements while economizing on the capital and maintenance costs of the breakwater structure.

## 2 DETAILS TO BE PROVIDED IN THE EXPRESSION OF INTEREST

2.1 It is envisaged that the Applicant shall be a legal entity or consortium of such entities having experience in development and/or construction of port infrastructure and/or core infrastructure projects and/or construction of breakwater in any ports/harbours using rock armours / concrete armours etc.

2.2 The following documents may be used to establish the eligibility

- a) Details of the company / each member of the consortium
- b) Details of the technical expertise and construction and/or operational experience in port /harbour sector giving following details for each project as per the format provided in annexure to this note.

- Details of projects for which eligibility is claimed,
- Type of contract(s),
- Location of the project(s),
- Date(s) of award of the project,
- Construction Period(s),
- Current status of the project(s),
- Cost of the project(s),
- Brief details of infrastructure facilities developed by the Applicant (specify if stone column foundation or any other was used in each case)

### 3 INFORMATION AND INSTRUCTIONS TO APPLICANTS

#### 3.1 Instructions

- 3.1.1 All information called for in the enclosed forms should be furnished against the relevant columns in the forms. If for any reason, information is furnished on a separate sheet, this fact should be mentioned against the relevant column. Even if no information is to be provided in any column "nil" or "no such case" entry should be made in that column. If any particular(s) / query(s) is not applicable in case of the applicant, it should be stated as "not applicable".
- 3.1.2 The application should be type written in "English". The applicant should sign & stamp each page of the application.
- 3.1.3 The applicant may furnish or suggest any additional information, which could be considered necessary to establish capability to successfully complete the envisaged project.
- 3.1.4 A pre-proposal conference will be held as per the schedule given in para 3.1.15
- 3.1.5 The interested players are requested to send their interest to attend the pre-proposal conference through an official e-mail at least one working day prior to the pre-proposal date giving the following information:
- 3.1.5.1 Name of entity:
  - 3.1.5.2 Name (designation) of the attendee/s:
  - 3.1.5.3 E-mail ID/s:
  - 3.1.5.4 Contact No.:
  - 3.1.5.5 Queries / Suggestion on EoI (if any):

MIPS Ltd holds the discretion to allow / reject participation basis review of the intents.

- 3.1.6 All communications pertaining to pre-proposal conference shall be addressed to the following:

Contact Person:

Shri Devdas G,

Dy Manager i/c, MIPS Ltd

Phone No.: +91 7994435561

E-mail: mdapl.port@kerala.gov.in

- 3.1.7 The EOI document in prescribed form duly completed, signed & stamped should be submitted on the website of Malabar International Port and SEZ Limited (malabarport.kerala.gov.in) or to the email address mdapl.port@kerala.gov.in. Documents submitted in connection with EOI will be the property of MIPS Ltd
- 3.1.8 Prospective applicants facing technical issues in online submission of EOI can seek clarification from the following email address: mdapl.port@kerala.gov.in
- 3.1.9 The particulars of the project given in this document are indicative only. These are subjected to change and may be considered only as advance information to assist the applicants.
- 3.1.10 **Letter of Transmittal:** The applicant should submit the letter of transmittal attached with the EOI document as Annexure-I in the company letter head.
- 3.1.11 **Suggestions:** The applicant(s) are requested to submit their suggestion(s) and views, which are considered important by them in a separate sheet, Annexure II: Form-A. Such suggestion(s) may be on the following aspect(s):
- 3.1.11.1 Support required from the GoK / MIPS Ltd
  - 3.1.11.2 Eligibility criteria with regards to Section 4 of this document
  - 3.1.11.3 Bidding process with regards to Section 4 of this document
  - 3.1.11.4 Other aspects related to the project
- 3.1.12 **Other Inputs:** The applicant(s) may also submit other input(s) regarding contract structure of the Project along with their EOI as part of Annexure II: Form-A. Specifically highlight any concerns on the mode of Hybrid Annuity being considered, key provisions of the contract and policy support required from MIPS Ltd. and Government of Kerala
- 3.1.13 Applicant should also furnish the following:
- a) **ORGANISATION INFORMATION:** Applicant is required to submit the information in respect of his organization as given in Annexure III: Form-B. In case of a consortium, Form B in respect of each member of the Consortium should be submitted.
  - b) **LIST OF PROJECTS:** Applicant is required to submit the list of projects claimed to meet the eligibility (successfully completed / ongoing) during the last ten years as given in Annexure IV: Form-C

3.1.14 The interested players are requested to send their intent to attend the pre-proposal conference through email to the email address [mdapl.port@kerala.gov.in](mailto:mdapl.port@kerala.gov.in)

3.1.15 Important dates with critical list of activities are specified below

- |      |  |   |            |
|------|--|---|------------|
| i)   | Hosting of Eol on website              | : | 02.02.2026 |
| ii)  | Pre-Eol meeting (1100 hrs.)            | : | 17.02.2026 |
| iii) | Closing date of Eol 1500 hrs.          | : | 28.02.2026 |
| iv)  | Opening of Interest received 1600 hrs. | : | 02.03.2026 |

### **3.2 Submission of EOI**

- 3.2.1 EOI should be submitted by the interested applicant(s) at websites of Malabar International Port and SEZ Limited (malabarport.kerala.gov.in) or to the email address mdapl.port@kerala.gov.in not later than the time specified on the prescribed date (as the server time displayed on the website).
- 3.2.2 Applicants interested in the Project are required to submit their Expression of Interest **on or before 1500 hours IST on 28.02.2026** and the same will be opened at **1600 hours IST on 02.03.2026**
- 3.2.3 The Applicants are advised in their own interest to ensure that completed Expression of Interest is submitted well before the dates stipulated in the document.
- 3.2.4 If any unscheduled holiday occurs on the date of submission / opening of the EOI response, then the next working day shall be the prescribed date of submission / opening of the EOI response. Venue and time shall remain unchanged.
- 3.2.5 All details including any due date extensions, clarifications, amendments, addenda, corrigenda, etc., in respect of this notification will be uploaded to the website of MIPS Ltd only. Applicants are advised to regularly visit these websites to keep themselves updated.

### **3.3 Steps Subsequent to Submission of EOI**

- 3.3.1 MIPS Ltd may get in touch with the applicants submitting a response to the EOI to get further clarifications, if required.
- 3.3.2 Meeting(s) will be conducted with interested applicants after the submission of EOI to discuss their views and suggestions submitted by them as part of their respective EOIs.
- 3.3.3 After assessing the suggestions and concerns from the applicants, MIPS Ltd will initiate a competitive bidding process (through the issuance of RFQ and RFP) for selecting an entity developer for the design, construction and maintenance of breakwaters as per the project structuring.

#### **4 PROPOSED BIDDING PROCESS**

Proposed bidding process shall be as per the latest PPP guidelines i.e. Model RFQ cum RFP documents and Model Concession Agreement (MCA) published by Government of India, with suitable modifications as may be permitted by the competent authority for the contract structure under Hybrid Annuity Model.

## 5 ANNEXURE

### 5.1 Annexure I:

#### LETTER OF TRANSMITTAL

(To be typed in Applicant's Letter head)

From:

To  
Managing Director,  
Malabar International Port & SEZ Ltd  
N-5, Jawahar Nagar  
Kowdiar, Thiruvanthapuram  
India PIN 695 003

**Subject: Submission of Expression of Interest (EOI) for construction and maintenance of Breakwaters for the proposed International Port at Azhikkal in North Kerala, India**

Sir,

Having examined the details given in EOI Notice for the subject project, I / we hereby submit our Expression of Interest and the relevant information

1. I / We hereby certify that all the statements made in the information supplied in the enclosed form and the accompanying statements are true and correct.
2. I / We have furnished all information and details necessary for EOI and have no further pertinent information to supply.
3. I / We also authorize MIPS Ltd or their authorized representatives to approach individuals, employers and firms to verify our competence and general reputation.
4. I / We submit the following certificates in support of our suitability, technical know-how and capability for having successfully developed and constructed (a.) breakwater(s) for Ports and/or Harbours, and/or (b.) Other infrastructure projects along with the details in the prescribed format in Annexure IV: Form-C
5. We understand that MIPS Ltd will be at liberty to finalize project parameters and issue RFQ for the project.

Signature(s) of Applicant(s)

Enclosures

Seal of applicant and Date of submission

## 5.2 Annexure II:

### FORM-A

#### Suggestions of the Applicant

##### 1. Name of the Applicant:

##### 2. Suggestions:

- a. Suggestions with respect to eligibility criteria and bidding process in Section 4 of this document

SI.No.	Item	Suggestion	Rationale
1			
2			

- b. Suggestions with respect to type of breakwater structure, engineering designs, construction methodology and construction period

SI.No.	Item	Suggestion	Rationale
1			
2			

- c. Suggestions with respect to proposed structure of Hybrid Annuity Model, key provisions of the contract, and policy support and fiscal incentives from the GoK that can ensure the technical requirements while economizing on the capital and maintenance costs of the breakwater structure

SI.No.	Item	Suggestion	Rationale
1			
2			

- d. Suggestions with respect to GoK support required for procurement and transport of rock material to the site

SI.No.	Item	Suggestion	Rationale
1			
2			

- e. Suggestions with respect to the extent of contractors work area to be reserved at the port site during construction and during the maintenance period

SI.No.	Item	Suggestion	Rationale
1			
2			

- f. Suggestions with respect to year wise post construction maintenance cost in % of Contract Value of construction and mode of payment.

SI.No.	Item	Suggestion	Rationale
1			
2			

- g. Other relevant inputs, if any

SI.No.	Item	Suggestion	Rationale
1			
2			

**5.3 Annexure III:**

**FORM-B**

**Organization Information**

[If the Applicant is a Consortium of Members, details of each member should be submitted in separate Form B]

<b>Sl. No.</b>	<b>Description</b>	<b>Details</b>
<b>1</b>	<b>Name of the Applicant(s):</b>	
<b>2</b>	<b>Communication details of the Applicant:</b>	
	a. Address	
	b. Phone No.	
	c. Email ID	
	d. Name of Contact Person(s) with Mobile No	
<b>3</b>	<b>Legal Status of the Applicant:</b> <i>[Please attach the certificate of Incorporation]</i>	
<b>4</b>	<b>Principal nature and places of Business:</b>	
<b>5</b>	<b>Name &amp; Title of Directors and key officers of the Applicant:</b>	
<b>6</b>	<b>Experience in successfully developing and constructing</b> <b>(a.) breakwater(s) for Ports and/or Harbours, and/or</b> <b>(b.) Other infrastructure projects</b> <b>(Specify experience, if any in the maintenance and /or operation of the facility)</b>	

## 5.4 Annexure IV

### Form-C

#### Project Credentials

(Separate form shall be furnished for each project experience claimed)

- 1 **Name of Project for which eligibility is claimed:**
- 2 **Type of Contract:**
- 3 **Location of the project:**
- 4 **Name of the Client:**
- 5 **Brief description of the project:**  
(Specify if stone column foundation was involved)
- 6 **Current Status of the Project (completed / ongoing / operational):**
- 7 **Name of the associated Firm(s), if any:**
- 8 **Date of:**
  - a) **Award of Project:**
  - b) **Scheduled construction completion:**
  - c) **Project Completion:**
  - d) **Commencement of Commercial Operations:**
- 9 **Project Cost:**
- 10 **Design / Rated Capacity:**

Signature(s) of Applicant(s)

Seal of Applicant and Date of Submission

## 5.5 Annexure V

### List of Reports

Sl. No.	REPORTS
<b>A</b>	<b>Reports by Technical Consultant (M/s Howe)</b>
1	Detailed Project Report (RP 20)
2	Port Layout Report (RP 10)
3	Detailed Traffic & Shipping Study Report (RP 11)
4	Topographic, Bathymetric & Geophysical Survey Report (RP 12)
5	Design Basis Report (RP 13)
6	Dynamic Mooring Analysis Report (RP 14B)
7	Shipping Navigation Simulation Study (RP 14C)
8	Hydrodynamics, Sediment Transport Modelling, Offshore Dumping Pond & Shoreline Evolution Studies Report (RP 16)
9	Wave Tranquility Report (RP 15)
10	Design of Various Structures Including Berth & Breakwater (RP 18)
<b>B</b>	<b>Reports by Geotechnical Consultant (M/s Fugro)</b>
11	Geotechnical Factual Report
12	Geotechnical Interpretative Report
<b>C</b>	<b>Report by IIT Madras</b>
13	Review of Preliminary Design of Stone Column Foundation Proposed for the Breakwaters
<b>D</b>	<b>Reports by Financial Consultant (M/s CMD)</b>
14	Report on Breakwater Construction Financing