

REPLY TO QUERRIES

Sub:- Inviting Expression of Interest Detailed Project Report (DPR) for facilities at Mirya Bay Maharashtra Industrial Development Corporation (A Government of Maharashtra Undertaking) Inviting Expression of Interest (EOI) for preparation of Detailed Project Report (DPR) for Development of Port facilities at Mirya Bay, Ratnagiri district, Maharashtra
Estimated Cost : .-Rs.0/-
Reply to Quarries...

Ref : EOI Notice No. Nil (HQ) for 2024-2025.dt. 01.03.2024

The work under subject vide under reference compliance of the query is as follows:-

Sr. No.	Query	MIDC's reply
1	<p><u>M/s. Choice Consultancy Services Pvt. Ltd</u></p> <p>We, Choice Consultancy Services Private Limited, are writing to express our keen interest in participating in the Expression of Interest (EoI) for the subject EoI. We have thoroughly reviewed the published EoI documentation and find the project aligns well with our expertise and capabilities. We kindly request that the Expression of Interest (EoI) explicitly allow for joint venture or consortium submissions.</p>	Please refer addendum no.1.
	<p>We believe that by permitting joint ventures or consortia, the EoI would encourage collaboration and enable the pooling of resources and expertise from multiple entities, ultimately benefiting the project's success. Including this option in the EoI would facilitate greater participation and promote a spirit of cooperation among potential bidders, aligning with industry best practices.</p> <p>We respectfully urge you to consider our request and to amend the EoI accordingly. We look forward to the opportunity to contribute to the subject EoI and to potential collaboration with other entities through joint ventures or consortia.</p> <p>We look forward to your response and the opportunity to potentially collaborate on this project.</p>	
2	<p><u>M/s. TPF Engineering Pvt. Ltd.</u></p> <p>1. We kindly request you to consider the project experience of services related to port development comprehensively. Restricting the evaluation to just the Detailed Project Report (DPR)</p>	Please refer addendum no.1.

<i>Sr. No.</i>	<i>Query</i>	<i>MIDC's reply</i>
	<p>assignment may limit bidders to showcase only that aspect. Bidders who have undertaken various assignments related to port development could potentially be disadvantaged in the bidding process. As per page no. (7) 5. Annexure-II: Detailed Scope of Work of Consultant Stage (4) mentioned the Port master planning is in the scope of consultant. Hence, we urge you to also consider technical services related to port development, such as Technical and Economic Feasibility Studies, Master Plans & Conceptual Designs, Development & Zoning Plans, Design & Supervision, Preliminary Studies, among others. And also, to allow the experience in last 10 years for the healthy competition among the bidders and modify the clause as below –</p> <p>Experience in similar Projects. The bidder shall have experience in preparation of at least 3 DPR's/ Technical and Economic Feasibility Studies/ Master Plans & Conceptual Designs/ Development & Zoning Plans/ Design & Supervision/ Preliminary Studies in last 10 years. Bidder shall submit either work orders or completion certificates, if completed for the same</p>	
	<ol style="list-style-type: none"> 2. In the EOI, it is not mentioned whether Joint Venture and Consortium participation is allowed. Considering the special and broader aspects of the project, we kindly request permission for a Joint Venture/Consortium comprising three (3) members, including a foreign entity with a presence in India through its various subsidiaries. 3. We kindly request you to consider experience of parent /sister company and amend the clause as below - Indian subsidiaries with majority holding of foreign firms can use the international parent /sister/ global company's credentials for meeting the technical and financial requirements as well as minimum eligibility. Foreign firms can use their global company credentials for meeting the technical and financial requirements as well as minimum eligibility and must provide relevant documentation supporting the same. 4. We request you kindly extend the bid due date by at least 2 -3 weeks post pre -bid replies 	<p>Please refer addendum no.1.</p> <p>Please refer addendum no.1</p> <p>EOI Conditions prevails.</p>

Sr. No.	Query	MIDC's reply
3.	<p><u>M/s. BMT Consultants (India) Pvt.Ltd.</u></p> <ol style="list-style-type: none"> 1. We request you to consider bidder experience in preparation of at least 3 DPR/ DFR/ TEVR/ TEFr's also. 2. We request you to consider bidder experience in preparation of at least 3 DPR/ DFR/ TEVR/ TEFr's in last 10 years. 3. We understand that experience in similar projects means Port/ Jetties/ LNG Terminals, etc. 4. We request you to consider Joint Venture for participating in this EOI tender. 5. We understand that EOI submission shall be either through e-mail submission to sekonkan@midcindia.org or hard copy submission to specified address. Kindly confirm. <p>If both e-mail submission and hard copy is submission is there, please confirm that the e-mail submission shall be before the tender mentioned submission date as stipulated in tender, and Further hard copy submission of EOI shall be sent within 5 days after bid submission date. Kindly clarify.</p>	<p>Please refer addendum no.1.</p> <p>EOI submission shall be in hard copy and same shall be submitted to The office of Superintending Engineer, Konkan Circle, Panvel, Plot No. 57, Sector-17, Khanda Colony, New Panvel (W), 410206.</p>
4.	<p><u>M/s. Meinhardt</u></p> <p><i>3.3 How to submit EOI a) EOI should be submitted in the format given at Annexure-II & Clause 3.3 should probably mention: "the EOI should be submitted as per Annexure-III. Please confirm.</i></p>	<p>Please refer addendum no.1</p>

The last date for uploading the reply to queries is **13.05.2024 at 18.00 hrs.**

The date of submission of EOI will be **20.05.2024** upto 18.00 hrs. at places mentioned in the EOI and Date of opening of EOI will be conveyed to all participants.

All the above clarifications / additions / corrections shall be supersede the EOI provision and the contractor shall quote their offer accordingly.

As it is mandatory on the part of the contractor to accept the query electronically in the system before submission of price bid, as such it is not mandatory to upload the signed copies of reply to queries and MIDC clarification. However, the reply to query and MIDC clarification shall form part and parcel of EOI document and submit the same in **Envelope No. 1,** This will be form part and parcel of the agreement.

Submitted for approval please.

Sd/-
Executive Engineer (R)

ADDENDUM – 1

Sr. No.	Clause as per EOI	To be Read as
1.	<p><u>Page – 6, Clause 3.3 (a)</u> <i>EOI should be submitted in the format given at Annexure-II</i></p>	EOI should be submitted in the format given at Annexure-III
2.	<p><u>Page – 11 (Annexure-III)</u> <i>Experience in similar Projects. The bidder shall have experience in preparation of at least 3 DPR's in last 5 years. Bidder shall submit either work orders or completion certificates, if completed for the same.</i></p>	<p>The bidder shall have experience in:</p> <p>A) Preparation of at least five (5) DPR's/ Master Plan / Technical and Economic Feasibility Studies in Greenfield / Brownfield ports / Terminal / Berth / Jetties or of similar nature in last five (5) years.</p> <p>B) The Bidder shall also have obtained at least one (1) Environment Clearance Port projects in last 5 years involving Greenfield / Brownfield ports / Terminal / Berth / Jetties or of similar nature</p> <p>Bidder shall submit work completion certificates for their completed works received from the concerned authority.</p>
3.	<p><u>Page – 9 (Stage – 2: Filed Survey and Investigations)</u> <i>At this stage, Consultant shall prepare scope, tender documents and specifications for topographic survey, bathymetric & geophysical surveys, meteorological & oceanographic studies and geotechnical investigation Consultant shall also deploy suitable team to supervise the investigation works and submit detailed investigation reports.</i></p>	Consultant shall conduct the survey & investigations relating to topographic survey, bathymetric, meteorological & oceanographic studies and geotechnical investigations and if any other survey is required to be carried by agency at his cost.. Also read the Scope of work enclosed separately.
4.	<p><u>Page – 10 (Stage – 7: Environmental Clearance)</u> <i>Consultant shall prepare Environmental covering of ToR for the EIA and initial identification of potential environmental impacts & proposed mitigation to assist with the preparation of the EIA. The final responsibility of coordination and getting the environmental clearance from authorities shall lie with MIDC.</i></p>	<p>Consultant shall prepare the documents like preparation of TOR, Environmental and Social Impact assessment including the baseline monitoring study which are required to obtain Environmental Clearance from MoEF, MCZMA, CRZ Clearance, Pollution Control Board etc. Constancy has to obtain Environmental Clearance from MoEF & CC, MCZMA, CRZ Clearance, Pollution Control Board etc. at his cost. MIDC role is of facilitator.</p> <p>The fees pertaining to applications and processing etc. with MoEF, MCZMA, CRZ Clearance, Pollution Control Board, Public hearing etc. will be borne by MIDC or reimbursed by MIDC. The Statutory cost towards the Environmental Study, Base Line Monitoring study etc. shall be factored by the Consultant.</p>
5.	<p><u>Page – 10 (Stage – 8: Approvals)</u> <i>Any approvals required for Port development from Authorities like MMB, Electricity Board, municipality, water department etc. shall be taken care by MIDC.</i></p>	Any approvals required for Port development from Authorities like MMB, Electricity Board, municipality, water department or any other statutory approval etc. shall be taken care by the Consultant. The MIDC Will assist Consultant with relevant documentation for obtaining the approvals.

Additional Clauses:

Additional Item Under 2.3 Interested Parties: **Joint Venture / Consortium Not Allowed.**

6. Annexure-II: Timelines: To be read as below:

Sr. No	Particulars	Start Month	End Month	Responsible	Payment Terms (%age)
1.	Inception Report	0	1	Bidder	10%
2.	Survey and Investigations report	1	3	Bidder	15%
3.	Traffic Study / Market Demand Assessment report	1	3	Bidder	10%
4.	Feasibility Report (FR) with alternative concept layouts and recommendation of port layout	2	4	Bidder	10%
5.	Approval of Feasibility Report	4	5	MIDC	5%
6.	Environment Impact assessment and Environmental Clearance	4	12	Bidder/MIDC	5%
7.	Met Ocean Studies and Numerical Modelling on approved layout	5	7	Bidder	10%
8.	Detailed Project Report (DPR)	5	8	Bidder	10%
9.	Approval of DPR	8	9	MIDC	10%
10.	Feed design & Tender preparation	8	9	Bidder	5%
11.	Bid Process and Technical bid evaluation	9	12	Bidder	5%
12.	Contract Award	13	13	MIDC	5%

Sd/-

Executive Engineer,
MIDC, Ratnagiri Division.

Scope of Work

The scope of Consultancy services shall include but not necessarily be limited to the following activities:

STAGE – 1: INCEPTION

- I. Kick -off Meeting with client for understanding the Mission, Vision and Objectives of the Project.
- II. Collection and review of available reports, studies and data
 - a. Consultant should collect all the relevant data, reports etc. pertaining to Topography, Bathymetry, Geotechnical, CRZ map and Zonal Maps, Meteorological and Oceanographic data, Environmental and Social related data etc. from state government, local governing bodies, Other private/public agencies etc.
 - b. Consultant shall prepare a comprehensive inventory of the data collected
 - c. The data shall be analyzed and gap assessment shall be prepared and submitted to client as part of the Inception Report.
- III. Site visit and assessment
 - a. A team of the Consultant comprising of their various domain experts shall conduct a reconnaissance survey of the region.
 - b. Consultants shall understand the backup area availability from Govt, Private and Public ownership perspective. The required maps and details to be collected from the respective dept.
 - c. The Consultant shall also study, map & analyses road and rail conditions in order to understand the hinterland connectivity and its impact of the project.

STAGE 2: FIELD SURVEYS & SITE INVESTIGATIONS

- I. Undertake a review and analysis (if available) of historic data available with Authority or other departments or agencies for the proposed site, including but not limited to:
 - a. Meteorological Conditions like Temperature, Wind, Rainfall, Humidity, Storm conditions, prone to earthquakes for the proposed site.
 - b. Tidal and current details;
 - c. Hydrological & morphological characteristics of the site
 - d. Wave conditions;
 - e. Sedimentation data;
 - f. Water quality including salinity.
 - g. Patterns of erosion and accretion.
- II. Topography and Cadastral survey
 - a. Topography survey area shall be conducted for proposed port location to capture all-natural terrain features, buildings, roads, fences and all other features. Proposed Project land has to be covered considering a grid of 25m.
 - b. Consultant should conduct the Cadastral survey for site which shall capture the number, location and size of dwelling houses, flats, shops, offices, trading premises, warehouses and other buildings, land use pattern such as farming and other aspect etc.
 - c. Consultant shall provide the survey data in the form of photographs and geo-referencing.

- d. Survey shall be carried out to identify the extent of land in required map, which will be required for development of project-required infrastructure.
 - e. Consultant to conduct the Cadastral survey.
- III. Bathymetric survey
- a. Consultant shall collect and review all the available existing data from relevant organization.
 - b. Fresh Bathymetry Survey to be carried out in order to capture seabed depths, shoreline and other relevant data.
 - c. The bathymetry to be performed using Multi Beam Echo sounder.
- IV. Tidal and Current Measurements for one month duration at three locations.
- V. Shallow Seismic Survey.
- VI. Geotechnical Investigations
- a. This shall include exploratory drilling, sampling and in-situ testing required for design, including, if necessary, pile driving or dredging conditions.
 - b. Consultants should consider about minimum of 10 number of boreholes on marine side and 10 boreholes on landside. For carrying out offshore/marine geotechnical investigations, it is necessary to use Jack-up rigs.

STAGE 3: TRAFFIC & VESSEL SIZE ASSESSMENT

- I. Primary, Secondary and Tertiary Hinterland assessment for identification and demand assessment of various cargos which has potential for handling through proposed port.
- II. Identify and map the existing and planned industrial clusters, corridors, industrial parks, investment regions etc. and identify the cargo movement requirements along with commodity types and volumes.
- III. Carry out stakeholders' interactions and understand the development/expansion plans of all the key nearby ports / terminal and industrial infrastructure.
- IV. Prepare hinterland map (Primary, Secondary and Tertiary) along with Origin-Destination centers of the commodities
- V. Undertake a competitive review and assess the competitive edge of the proposed port vis-à-vis the competing ports by considering the key determinants.
- VI. Study the potential of other ancillary shipping services like bunkering, cruise, ship building and repair etc.
- VII. Traffic Forecast for commodity wise cargo considering the historical growth, hinterland assessment, developments, competitive analysis for year wise over the time horizon of 30 years.
- VIII. The traffic forecast shall be classified in Realistic, Optimistic and Pessimistic Scenario's for all the commodity-wise cargo.
- IX. Rationale shall be demonstrated clearly pertaining to the consideration of growth rates and sensitivities while evaluating the scenarios.
- X. The traffic potential with respect to Passenger / Ro-Ro Terminal development, Green Hydrogen / Ammonia, LNG shall also be captured in the study.
- XI. Assess likely vessel sizes based on current and future scenarios as well as historical trend, shipping and trade, types of Cargo to be handled market demand, supply side analysis, draft considerations.

STAGE-4: MASTER PLAN

- I. Identification of all facility requirements on Marine & Land Side.
- II. Terminal Planning, Back-up Area Planning, Connectivity & Navigational Planning, Utility Planning, Dredging & Reclamation Plan etc. for the proposed port.
- III. Propose Cargo Handling Equipment required at the terminals and back-up area based on the type and quantity of cargo to be handled and propose suitable Mechanization/Semi-mechanization of the berths and back-up area.
- IV. Preparation of three possible conceptual layouts/alternatives for the development of the port based on national and other applicable international codes and preparation of block estimate of the alternative layouts.
- V. Th layouts shall include all necessary associated facilities for the efficient functioning of the infrastructures (such as cargo handling arrangement, backup area planning, building infra, internal and external connectivity, and all other associated facilities like power, water, firefighting, drains, parking etc.)
- VI. Finalization of layout based on the Multi-Criteria Matrix (MCM) Analysis and consultation with MIDC.
- VII. Phase-wise Development plans of the proposed port for easy implementation.
- VIII. Carry out Initial Environmental and Social Impact Assessment.
- IX. Financial and Economy Analysis which shall include Financial Indicators along with Sensitivity Analysis based on Tariff & Revenue estimates.
- X. Study and propose a suitable Implementation model like Landlord, PPP, Tool Model, Public Model etc. for effective implementation of the project. Any gap funding required shall be recommended with required details.

STAGE-5: NUMERICAL MODELLING STUDIES

- I. Carry out the Numerical model studies to understand the littoral drift pattern, erosion and accretion pattern of the shoreline, dredge disposal study, maneuverability of vessels study, wave tranquility studies, estimation of design wave height, oil/chemical spill assessment study etc.
- II. The studies should not be limited to the above but should cover all the necessary study required for the planning and design.
- III. The analysis should include/suggest mitigation measures for optimization.
- IV. The analysis /modelling should also cover in and around of the openings such as estuaries/creeks if present any.