दीनदयाल पत्तन प्राधिकरण
DEENDAYAL PORT AUTHORITY
Office of the Executive
Engineer(Construction),
Room No. 113, Ground Floor,
ANNEX, Administrative Office Gandhidham,
Dist. Kutch, Gujarat, Pin – 370 201
E-Mail:executiveengineercivil1@gmail.com

CN/WK/SHIPYARD/EOI

Dated: 18/11/2025

To,

_____,
_____,

Sub: Budgetary-offer for "**Appointment of Technical Advisor for Preparation of Detailed Project Report (DPR) for Dry Dock Facility at Kandla**.

Sir,

Deendayal Port Authority has initiated a major expansion plan to become a global maritime hub, with a Dry Dock Facility aimed at building large vessels like VLCCs and other vessels to boost India's ship building sector.

In this regard, DPA intends to invite budgetary offer from experienced agencies for "**Preparation of Detailed Project Report (DPR) for Dry Dock Facility at Kandla**. The tentative location plan (Annexure A), Scope of work (Annexure B) along with format of budgetary – offer (Annexure- C) is enclosed herewith.

The interested and experienced parties are requested to submit the Expression of Interest (EoI) along with budgetary-offer.

The rates quoted must be inclusive of all taxes, duties for performing scope of work & exclusive of GST. The GST applicable shall be shown separately, which shall not be considered for evaluation purposes.

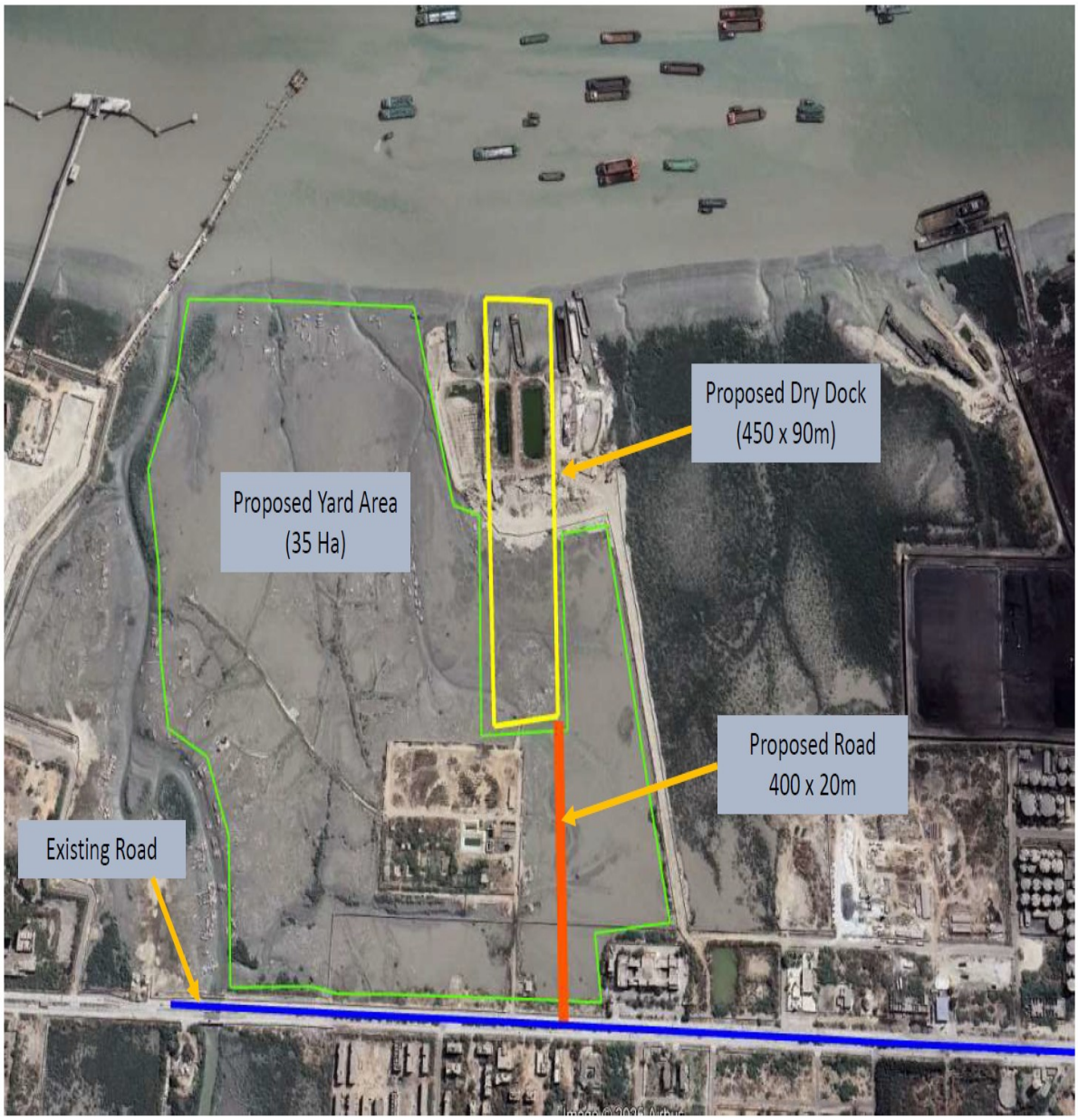
Your Expression of Interest along with budgetary quotation for the above work should reach to the following address on or before 25/11/2025 by 15:00 Hrs.

Address: -
Executive Engineer(Construction),
Room No. 113, Ground Floor,
ANNEX, Administrative Office,
Deendayal Port Authority (DPA),
Gandhidham, Dist. Kutch, Gujarat, Pin – 370 201
E – Mail: executiveengineercivil1@gmail.com

Thanking you,

Executive Engineer (Const.)
Deendayal Port Authority

Annexure- A


Proposed Dry Dock
(450 x 90m)
Proposed Yard Area
(35 Ha)
Proposed Road
400 x 20m
Existing Road

Annexure- B

Appointment of Technical Advisor for Preparation of Detailed Project Report (DPR) for Dry Dock Facility at Kandla

1.0 Introduction

Deendayal Port Authority has initiated a major expansion plan to become a global maritime hub, with a Dry Dock Facility aimed at building large vessels like VLCCs.

The main objective of the Appointment of consultant is to prepare Detailed Project Report (DPR) having a clear and practical framework for planning and developing the proposed shipyard at Kandla in accordance with the scope of work mentioned in the tender.

The scope of consultancy services / Terms of References (TOR) shall include but not necessarily be limited to the following activities : -

2.0 Scope of Engineering Consultancy

2.1 Task-I Kick-off Meeting, Site Reconnaissance and Data Review

Based on the kick-off, site visit, reconnaissance survey, and review of the limited available data, Consultant will prepare an Inception Report for the Client's review and approval.

The report will contain but not limited to following :

i. Understanding of the overall project objectives and the specific requirements for the Shipyard DPR.
ii. Define the study scope, methodology, and technical approach for a greenfield development.
iii. Include a detailed work plan with activity schedules, milestones, and key deliverables.
iv. Present the proposed project organization and staffing plan, highlighting the roles and responsibilities of key experts.
v. Summarize initial findings from site reconnaissance, bathymetry and borehole data review, and identify potential risks, constraints, or challenges.

2.2 Task-II Market Study and Financial Modeling

A thorough market assessment and financial analysis study to be performed to evaluated regional and global demand for shipbuilding, repair, and refit services, examine the competitive landscape, identify potential clients, and assess regulatory, environmental, and supply chain

factors that could influence operations. It should also provide a clear understanding of the market potential, strategic fit, and operational priorities for the shipyard.

2.3 Task-III Environmental Impact Assessment (EIA) and Social Impact Assessment (SIA)

Consultant to asses a comprehensive Environmental Impact Assessment (EIA) to identify potential ecological and environmental risks and propose mitigation measures. Simultaneously, a Social Impact Assessment (SIA) to be evaluated effects on local communities, labour, and socio-economic conditions, ensuring alignment with regulatory and social responsibility standards.

2.4 Task IV - Field Survey Works

Consultant to carryout Field survey work which is required as input for the studies and engineering.

i. **Topographic Surveys :** Survey to be carried out at proposed Shipyard Area & connectivity areas.

ii. **Metocean Data Collection :** Survey specifications, Survey report including survey methodology, instrumentation and deployment, data processing, quality control, results and analysis. Moreover, raw data files from the ADCP and tide gauge to be provided.

iii. **Water Sampling :** Water and sediment samples to be analyzed for various parameters, including Total Suspended Solids, nutrients, metals, and hydrocarbons, using EPA or APHA standard methods. (A minimum of eight sampling sites will be established within the project area with two control sites located outside the work area to establish baseline conditions.)

iv. **Geotechnical Investigations and Geophysical Surveys :** Onshore geotechnical investigations, including boreholes and cone penetration tests (CPTs),

Note : Bathymetry details available with Port Authority. Also, the Bore hole report/details of adjacent area will be provided to the consultant.

2.5 Task-V Coastal Models

Consultant to perform all the required costal models including but not limited to following:

i. **Offshore Metocean Study :** A comprehensive report detailing the methodology, outputs, analysis and results to be submitted.
ii. **Water Levels Assessment (Provisional) :** The full and detailed methodology, results, analysis and conclusions to be incorporated the Offshore Metocean Study Report for each location.

iii. **Wave Transformation Modelling :** The full and detailed methodology, results, analysis and conclusions to be incorporated in a comprehensive report.
iv. **Hydrodynamic Modelling :** A comprehensive report detailing the modelling methodology, outputs, analysis and results to be submitted.

2.6 Navigation, Mooring and Berthing Studies

i. **Conceptual Design Navigational Infrastructure :** The dredging design and analyses to be submitted in a comprehensive design report, including calculations and design checks as required. Dredging design drawings will be also submitted as part of the package.

ii. **Desktop Navigational Study :** A comprehensive fast time navigation simulations to be submitted.

iii. **Berthing Study :** The berthing study including full and detailed description of the methodology, results, analysis and conclusions.

iv. **Sedimentation study :**
v. **Cyclone study :**

2.7 Concept design and Optioneering

Concept design and Optioneering to be prepared as mentioned below.

a. Recommendation on Launching and Docking System
b. Navigational Channel Requirements
c. Tranquility Requirements:
d. Landside Infrastructure
    i. Fabrication and Assembly Shops:
    ii. Material Storage:
    iii. Ancillary and Administrative Buildings:
    iv. Worker Amenities:
    v. Roads and Pavements:
    vi. Dockside Services:
    vii. Security and Fencing:
    viii. Road / Rail Connectivity
    ix. Utilities

2.8 Preliminary design of the shipyard

The Preliminary Design having a technical and commercial foundation for the Dry Dock and Shipyard project, supporting its development under a PPP/EPC framework to be prepared by consultant.

The design document will contain the project scope, dock and yard layout, utilities, and equipment requirements, while enabling cost estimation, schedule planning, and risk assessment.

BIM Models for Dry-Docking Facility to be prepared to provide a coordinated design platform that supports early-stage decision-making and preliminary cost estimation. The model captures basic quantities with approximate sizes, shapes, and locations, enabling client to visualize the facility layout, identify potential conflicts, and ensure alignment between marine, civil, structural, and utility elements before progressing to detailed design.

2.9 Detailed Project Report (DPR)

The assignment will include preparing the project background and approach to the dry dock facility, with a particular focus on the safe docking and undocking of vessels, as well as the handling and movement of heavy and oversized cargo within the shipyard such as steel sections, prefabricated blocks, and heavy machinery. The study will address the internal logistics network (heavy-duty pavements, rail sidings, and transporter routes) and dock access systems, ensuring efficient integration between fabrication shops, assembly areas, and the dry dock.

A comprehensive financial viability analysis will be undertaken, supported by market studies of ship repair, new building, and project cargo handling. Tariff structures and projected service charges (e.g., for dry docking, repair services, and heavy cargo such as wind turbines or offshore modules) will be developed, leading to the estimation of the project's Internal Rate of Return (IRR) and long-term financial sustainability.

The consultant will prepare the complete Detailed Project Report (DPR) covering dock design (dimensions, pumping systems, cranage, and utilities), financial modeling, operational requirements, and compliance with international standards and environmental regulations. The consultant will also present the proposal to relevant authorities for review and approval and will prepare compliance reports based on observations. In addition, the consultant will assist DPA in obtaining approvals from the Competent Authority, ensuring smooth progression through all statutory, regulatory, and administrative processes.

3.0 <u>General Terms & Conditions are as under:</u>

i. Interaction to be done with officials of various departments/ any other internal/external parties and/or government agencies and take note of their requirements and incorporate the same in the proposals.

ii. The Contract period / time limit for entire Job completion will be for a period of 08 months from the date of commencement of Work or till completion however the port authority reserves the rights to extend/reduce the time limit and accordingly the consultancy fee amount will be adjusted.

iii. The Lodging and Boarding arrangement, transportation, insurance, PF and other statutory requirements for the Entire staff / Key personnel of the Consultant, for the entire Contract period, are included in the consultancy sum fee.
iv. The Consultant shall work by complying with all laws, rules, regulations guidelines that govern the contract.
v. The income tax & TDS shall be charges as per the prescribed role of IT Department.
vi. The payment shall be made through RTGS/NEFT.
vii. DPA may close the assignment at any stage for which further no payment will be made.
viii. After establishing the Conceptual layout, make a presentation in presence of Port Officials for discussions.
ix. After preparation of draft DPR report make a presentation in presence of Port Officials/ Concerned Ministry as and when require.
x. Based on the suggestions/comments/observations of the Port on Draft Report to frame final Detail Project report.
xi. The DPR shall be enable to suit with all the good engineering practice and required statutory clearances for project.

4.0 Consultancy Fee

The lump sum charges quoted by the Technical Advisor and the team in the Price Bid shall be inclusive of all the expenses towards payment of fees for providing the technical advisory services, use of various instruments gadgets, equipment's, computers, arriving/work out data of required by Technical Advisor, Engaging various professionals to carry out studies, surveys, tests, investigations and preparation of designs / drawings, site visit etc. without any substantial variation in the scope and is subject to involvement of the Technical Advisor and the Team in the work till completion of the assignment.

The L.S charges quoted shall be inclusive of expenses for conveyance & subsistence incurred by the Technical Advisor or his authorized representative, associated experts and technicians, during visit outside their headquarters mainly for Gandhidham/Kandla/MoPS&W.

5.0 Time Line/Deliverable Schedule

Sr. No	Deliverable Items	Timelines for Deliverables
1.0	**Task -I** Inception report	Within 1 Month after award of work order
	Task -II Market Study & Financial Modelling	Within 3 Month after award of work order
2.1	**Task –III** Environmental Impact Assessment (EIA) and	Within 3 months after award of Work

	Social Impact Assessment (SIA)	
2.2	**Task –IV** Field Studies	Within 2 Months after award of Work
3.0	**Task –V & VI** Mathematical model studies	Within 5 Months after award of Work
4.0	**Task –VII** Concept design and optioneering	Within 4 months after award of Work
5.1	**Task –VIII** Preliminary Design and BIM Models	Within 2 month after approval of Task-IV
5.2	**Task –IX** Detailed Project Report (DPR)	Within 3 months after approval of Task-V & VI

Total Duration: 08 months.

Annexure- C

BUGETARY OFFER FORM

To:
Executive Engineer(Construction),
Room No. 113, Ground Floor,
ANNEX, Administrative Office,
Deendayal Port Authority (DPA),
Gandhidham, Dist. Kutch, Gujarat, Pin – 370 201
E – Mail: executiveengineercivil1@gmail.com

Sub; Budgetary offer for "Appointment of Technical Advisor for Preparation of Detailed Project Report (DPR) for Dry Dock Facility at Kandla.

Sir,

In in accordance with Annexture I of EOI no. CN/WK/SHIPYARD/EOI Dated 18/11/2025, for the subject work we herewith submit our budget Offer.

Description of Item	Unit	Amount (in Rs.)	
		In Fig.	In Words
Lump-sum charges for Consultancy services for preparation of Detailed Project Report (DPR) for Dry Dock Facility at Kandla as specified in **Annexure-B** (The rate quoted shall include expenses of stationary, postage and payment of fees to professionals, experts etc.) including of conveyance & subsistence incurred by the Advisor or his authorized representative during visit of Kandla/MoPS&W. The rate quoted shall be exclusive of GST.	**Lump Sum**		

Note: The budgetary offer is inclusive of all taxes, duties for performing the work & exclusive of GST. The GST as applicable has been indicated separately here with.

Signature [In full and initials]:
Name & Title of Signatory:
Name of Agency: