



DEENDAYAL PORT AUTHORITY

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SAGARMALA
PORT LED DEVELOPMENT

Office of the
Executive Engineer (C-I),
A.O. Building, Annex Room No. 303
Gandhidham - 370 201

No. CN-IWK/Bill File/Part-I/638(A)

Date: 26/11/2025

To,
✓ Prof. S. Nallayarasu,
Department of Ocean Engineering,
Indian Institute of Technology Madras,
Chennai-600 036, India,
Tel.: (O) (044) 2257 4819, Fax: 044-22574802,
e-mail: nallay@iitm.ac.in

Sub: Appointment of Technical Consultant IIT-Madras Chennai, on Nomination basis for "Prepare Detailed Design, Drawings, Estimates, Tender and Project Management Consultancy (PMC) for Car Carrier Terminal at Kandla"- Work Order Reg.

Ref: 1) DPT's e-mail dated: 04.10.2025
2) IIT-M's Offer vide letter dated: 06.11.2025

Sir,

With reference to your offer dated: 06.11.2025 amounting to **Rs. 253.7 lakhs + GST** towards providing the services for the subject work, including all the terms and conditions mentioned in the letter has been accepted by the Competent Authority, DPA.

The Scope of work, Deliverables, Consultancy Fee, Terms of payment and schedule are mentioned in **Annexure-A**.

The Employer reserves the right to terminate the consultancy/advisory services at any stage if the performance of the consultant is not found satisfactory and employer shall not pay for the remaining stages.

Kindly, send acknowledgement of this work order & start the work w.e.f. 01/12/2025.

Thanking You,

Encl: As Above.

Yours faithfully,

Executive Engineer (C-I)
Deendayal Port Authority

1. Scope of Work Description

a) Detailed Design and Drawings

- i. Prepare Design basis and reports.
- ii. Preparation of Design and Drawings for execution for the following elements.

- a) Approach Trestle
- a) Pontoon
- b) Linkspan
- c) Linkspan support frame
- d) Multi-level Car Park
- e) Civil works such as fencing, roads and drains
- f) Fenders and bollards

- iii. Prepare Design reports for pontoon, linkspan, approach trestle and the multi-level car park facilities.

b) Obtaining Plan Approval/Appraisal of the pontoon (New and Existing) and linkspan Modification from Indian Registry of Shipping (IRS)

- i. Appoint IRS for plan approval of linkspan and pontoon structures.
- ii. Submit relevant forms and documentation.
- iii. Submit required calculations as per IRS rules and specifications.

c) Preparation of Estimates & Detailed Technical specifications.

- i. Prepare bill of quantities for item rate contract and abstract.
- ii. Prepare rate analysis based on DPA SOR, CPWD manual and prevailing market rates for items not available with the CPWD manual.
- iii. Prepare Project Cost estimate.
- iv. Prepare specifications for the RC works, piles, pile muff, beams, structural steel fabrication, support frame piles, and other miscellaneous items.

d) Preparation of Tender Documents.

- i. Preparation of Tender Request for Proposal (RFP)
- ii. Preparation of Draft Agreement
- iii. Prepare scope of work for items in the facility.
- iv. Preparation of scope of works, milestone payment schedule
- v. Estimation of Construction schedule and equipment requirement
- vi. Tender forms and annexures as per DPA standard tenders

e) Carry out tender evaluation for Award of work to successful Contractor.

- i. Prepare Technical Bid evaluation report.
- ii. Prepare queries to be sent to the bidders.
- iii. Prepare Commercial Bid evaluation report.
- iv. Prepare draft agreement for DPA review.
- v. Assist in preparing Letter of intent, and an award letter to be issued to successful bidder.

f) Monitoring/Supervision of work till completion.

The project management team will consist of Two Engineers for the project duration of 12 months.

- i. Review of Contractors submission for design drawings, materials, and construction methodology
- ii. Review of Contractor design components
- iii. Review and approve Contractor's drawings for construction.

अधिकाधी अभियंता (निर्माण-1)
दीनदयाल पोर्ट ट्रस्ट
Executive Engineer (C-1)
Deendayal Port Trust

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- iv. Issue Good for construction Drawings, respond to queries during construction and revise drawings to suit the field changes if any.
 - v. Prepare daily, weekly, and monthly reports.
 - vi. Organize progress review meetings.
 - vii. Attend clarification meetings during construction with DPA and contractor.
 - viii. Provide day-to-day site supervision for quality execution of works.
 - ix. Coordinate contractor's activities and provide weekly report to DPA on progress.
 - x. Certify bill of quantities and interim bill from the contractor.
- g) Assist Classification Society Approval of the fabrication and installation works by the contractor through IRS inspection of materials and work.
- i. Assist IRS for inspection of materials, fabrication, and installation.
 - ii. Coordinate with Contractor during fabrication for inspection.
 - iii. Submit required calculations as per IRS rules and regulations.

2. Deliverables

Following deliverable will be prepared and issued.


- Design Basis document
- Structural Analysis Report
- Design of pontoon and linkspan
- Design of Linkspan support frame and piles
- Specifications for work elements such as steel, fabrication, piling and pontoon.
- Good for Construction Drawings
- Scope of works for tender.
- Bill of quantities and Rate analysis
- Cost estimate
- Construction schedule
- Tender RFP and Agreement
- Progress monitoring reports
- Plan approvals from IRS
- Inspection reports by IRS

3. Consultancy Fee

The total consultancy fee for the various scope of work as defined in section 2 is summarized in Table 1 below.

Table 1 Schedule of fee

No.	Description	Fee (Rs Lakhs)
(a)	Detailed Design, Drawings, Tender and evaluation and award.	125.0
(b)	Site Supervision for a period of 12 months	90.0
	Total excluding GST	215.0
	Total including GST	253.7


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4. Payment Terms

Following payment schedule is proposed and summarized in Table 2.

Table 2 Payment schedule

No.	Description	Advance	Milestone
(a)	Detailed Design, Drawings, Tender and evaluation and award.	40%	Upon submission of Design- 30% Upon submission of tender- 20% Upon evaluation of tender- 10%
(b)	Site Supervision for a period of 12 months	20%	Quarterly- 4 x 20%

Payment shall be made to "The Register, IIT Madras".

Income Tax shall not be deducted as IIT Madras is exempted from income tax.

Payment shall be made within 30 days of issuance of invoice.

5. Schedule

The overall schedule for the completion of the scope of work is 18 Months with the schedule of milestone as per Table 3.

Table 3 Milestone/Schedule

No.	Description	Milestone	Remarks
(a1)	Detailed Design and Drawings, Tender and specifications	3 rd Month	
(a2)	Tender and evaluation and award	6 th Month	
(b)	Site Supervision for a period of 12 months	18 th Month	


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