



इंडियन पोर्ट रेल एंड रोपवे कॉर्पोरेशन लिमिटेड
(पोत परिवहन मंत्रालय, भारत सरकार के अधीन संयुक्त उद्यम)
Indian Port Rail & Ropeway Corporation Ltd.
(A Company under Ministry of Ports, Shipping & Waterways,
Government of India)
CIN No: U60300DL2015GOI282703



संख्या/No. IPRCL/NMHC Lothal/Projects/EOI/Logo

तारीख/Date: 23.01.2026

EXPRESSION OF INTEREST (EOI)

**TO ENGAGE CONTRACTOR TO UNDERTAKE FINAL DETAILED DESIGN & CONSTRUCTION
OF NMHC LOGO SCULPTURE AT NATIONAL MARITIME HERITAGE CENTRE (NMHC),
LOTHAL, AHMADABAD**

Issued by:

INDIAN PORT RAIL & ROPEWAY CORPORATION LIMITED
(A company under Ministry of Ports, Shipping & Waterways, Govt. of India)

Project Office:

National Maritime Heritage Complex (NMHC),
IPRCL Office, Lothal, Village Saragwala,
Taluka Dholka, Dist.: Ahmedabad, Gujarat -382230
Email: sanjay.rawool@iprcl.in, Website: www.iprcl.in

JANUARY 2026

1.0 About IPRCL

Indian Port Rail and Ropeway Corporation Ltd. (IPRCL) (Formerly known as Indian Port Rail Corporation Ltd.), a company under Ministry of Ports, Shipping & Waterways with equity contribution from various Major Ports (90%) under Ministry of Shipping and Rail Vikash Nigam Ltd. (10%) under Ministry of Railways.

2.0 Purpose of the Expression of Interest (EOI)

Since 2015, IPRCL is in the field of FSR, DPR Consultancy & related Services inclusive of Preliminary alignment development, optimization of Alignment, Final location survey (FLS) including Geo Technical survey, PMC and construction. IPRCL is developing prestigious National Maritime Heritage Museum at Lothal, Gujarat for Ministry of Ports, Shipping & Waterways, GoI of approximate cost of Rs. 4000 Cr. and Phase 1A of Museum work is going on and intended to complete by March 2026.

IPRCL is in search of the reputed agencies who can undertake structural detailed design & Construction of NMHC Logo Sculpture at National Maritime Heritage Centre (NMHC) & who are having experience of successful design & execution of such work for various Museums, Organisations or having international experience of similar work.

3.0 EOI Issuing Authority

This Expression of Interest (EOI) is being issued by Indian Port Rail and Ropeway Corporation Ltd. (IPRCL), to engage a agency for design and Construction of NMHC Logo Sculpture at National Maritime Heritage Centre (NMHC), by single stage two packet system

4.0 Tentative Calendar of Events

SN	Milestones	Date and time
1	Uploading on IPRCL website; Expression of Interest (EOI)	23.01.2026 17.00 hrs
2	Pre-EOI queries	28.01.2026, 17.00 hrs
3	Reply and uploading of addendum, if any	29.01.2026, 17.00 hrs
4	Last date for Submission of EOI	02.02.2026 15.00 hrs
5	Opening of EOI	02.02.2026, 15.30 hrs
6	Opening of Financial bid	Will be notified letter

The dates mentioned above are subject to change (pre-pone or post-pone). In case a change is made, it shall be notified on <http://www.iprcl.in>

5.0 Application for EOI

IPRCL now invites 'Expression of Interest' from reputed Agencies to undertake design & Construction of NMHC Logo Sculpture at National Maritime Heritage Centre (NMHC), Lothal, Ahmedabad.

Interested agencies must provide information/documents indicating that they are qualified to perform the said work (brochures, Work Orders, description of similar assignments, availability of appropriate skills among staff, financial performance of the company for at least 5 years etc.). The organization must have a substantial corporate structure and professional base in Structural Engg., IT, Electrical & Electronics, Instrumentation, automation etc. The EoI and capability will be assessed against evidence of skills and experience in providing services in similar nature of work. Description of similar assignments done by the firm, experience in similar conditions, and availability of appropriate skills

among staff, etc. shall be submitted. Similarly, Annual turnover of the company for the last five years may also be provided along with the EOI.

6.0 Language of Proposal

The proposal and all correspondence and documents shall be written in English.

7.0 Submission of Proposal

Proposals, in its complete form in all respects as specified in this document, must be submitted physically or e-mailed in two separate files for technical and financial quote; password protected clearly marked in subject “EOI for Structural design & Construction of NMHC Logo Sculpture at National Maritime Heritage Centre (NMHC)” on or before 02.02.2026 to sanjay.rawool@iprcl.in

Contact Officer:

Chief General Manager/NMHC Lothal
National Maritime Heritage Complex (NMHC),
IPRCL Office, Lothal, Village Saragwala,
Taluka Dholka, Dist.: Ahmedabad, Gujarat -382230
Email: sanjay.rawool@iprcl.in, Website: www.iprcl.in

- 8.0** The EOI document may be withdrawn or cancelled by IPRCL at any point of time during the process, without assigning any reasons thereof.
- 9.0** Neither IPRCL nor its employees, consultants, advisors accept any liability or responsibility for the accuracy or completeness of, nor make any representation or warranty, express, or implied, with respect to the information contained in the EOI, or on which the EOI is based. The content stated in the notice is for information purpose only; however, the interested entities shall collect the data and analyze the information independently at its own cost to assess the viability of the project. Nothing in the notice of EOI should be relied on, as a promise or representation as to the future.
- 10.0** The Applicant shall bear all its costs associated with or relating to the preparation and submission of the EOI including but not limited to preparation, copying, postage, delivery fees, expenses associated with any demonstrations or presentations which may be required by the Authority or any other costs incurred in connection with or relating to its EOI.
- 11.0** The Empanelment will not qualify the Agency for allotment of the work and they will not have any claim to seek the same.

APPLICATION IN RESPONSE TO EXPRESSION OF INTEREST (EoI)

To,
Chief General Manager/NMHC Lothal
National Maritime Heritage Complex (NMHC),
IPRCL Office, Lothal, Village Saragwala,
Taluka Dholka, Dist.: Ahmedabad, Gujarat -382230

Subject: Submission of technical proposal for “design & Construction on NMHC
Logo Sculpture at National Maritime Heritage Centre (NMHC)”

Dear Sir/Madam,

In response to the Invitation for technical proposal (EOI) published on 23.01.2026 17.00 hrs for the above purpose, we would like to submit the proposal to carry out the above proposed task.

In reference to the conditions of the Expression of Interest (EoI) we are hereby submitting the following required documents, for the purpose of evaluation.

- i. Organizational Contact Details (Format-1)
- ii. Experience in related credentials (Format-2)
- iii. CVs of Key experts. (Format-3)
- iv. Financial strength of the organization (Format-4)

Sincerely Yours,

Signature of the applicant
[Full name of applicant]

Stamp.....

Date:.....

Format 1- ORGANIZATIONAL DETAILS

1.	Name of Organization	
2.	Main areas of business	
3.	Type of Organization Firm/ Company/ partnership firm registered under the Indian Companies Act, 1956/ the partnership Act, 1932	
4.	Whether the firm has been blacklisted by any Central Govt. / State Govt./PSU/ Govt. Bodies / Autonomous? If yes, details thereof.	
5.	Address of registered office with telephone no. & fax	
6.	Address of offices in i) National Capital Region of Delhi ii) All other State/UT's	
7.	Contact Person with telephone no. & e-mail ID	
8.	Domestic locations covered in India	List of pin codes covered in India to be provided and registered offices in the country

Format – 2: Essential Technical Eligibility Requirement

- 1) Average Annual Turnover for the last three Fin Years (certified by CA) should be minimum 1.5 Crore (Rs One Cr and Fifty Lakhs only).
- 2) In house or outsourced team of engineers/designers, minimum 5 nos. Structural Engineers/IT/ET/Automation Engineering Degree & Diploma holders must be available with the firm.
- 3) Must have satisfactory completed minimum two assignment of similar work of Construction on NMHC Logo Sculpture from State/Central Govt. Organizations in last three years and to produce such documents from them.

Note- The documentary proof for above executed works is to be submitted which should be in the form of satisfactorily completion certificate. The bidder should also give the details of assignment in hand.

Copies of completion certificates issued by any Central / State Government Department / PSU of India or Autonomous Body Central / State Government of India/international experience of same work.

A. Details of design & Construction on NMHC Logo Sculpture completed and copies of satisfactory completion certificate of work executed in India or Abroad.

B. Details of design & Construction on NMHC Logo Sculpture completed & in hand in India or abroad.

Format 3: Key Experts – In-house or outsourced (CVs Main Manpower to attach)

1. **Concept & Design Stage**
2. **Industrial/Structural Designer:**
Designs the overall form, proportions, and structural feasibility of the logo. Ensures it aligns with branding guidelines.
3. **3D Modelling Expert / CAD Designer:**
Converts conceptual sketches into detailed 3D CAD models for visualization, prototyping, and fabrication.
4. **Graphic Designer / Brand Specialist:**
Ensures the logo's dimensions, color, and details remain true to the corporate identity.
5. **Architect / Structural Engineer:**
Checks structural integrity, especially for large-scale installations, and provides design inputs for mounting and durability.
6. **Material Specialist:**
Recommends suitable metals (bronze, copper, brass, stainless steel, etc.) considering aesthetics, longevity, and maintenance.

2 Engineering & Fabrication Stage

- **Metal Fabricator / Artisan:**
Skilled in cutting, shaping, welding, and finishing metals. For complex logos, experience with **custom metalwork and sculptures** is essential.
- **CNC / Laser Cutting Specialist:**
Handles precision cutting of metal components according to CAD specifications.
- **Welding & Joining Specialist:**
Ensures structural strength and seamless joints without compromising appearance.
- **Surface Finishing Expert:**
Handles polishing, patination, coating, or plating to achieve the desired aesthetic and protect against corrosion.
- **Mechanical / Structural Engineer:**
Verifies load calculations, anchoring methods, and safety compliance for installation.
- **Quality Control Specialist:**
Ensures all fabricated parts meet design specifications, tolerances, and finish standards.

3. Installation / Execution Stage

- **Site Engineer / Project Manager:**
Coordinates logistics, site preparation, and on-site assembly.
- **Rigging & Lifting Expert:**
Safely manages lifting, hoisting, and positioning of heavy components.
- **Civil/Structural Engineer:**
Designs foundations, pedestals, or anchoring systems for outdoor installations.
- **Safety Officer:**
Ensures compliance with workplace and installation safety standards.
- **Maintenance Consultant: (Optional)**
Advises on cleaning, anti-corrosion measures, and long-term upkeep.

Optional Specialists for Large or Complex Logos

- **Lighting Designer:** If the logo will be illuminated.
- **Animator / Projection Specialist:** For kinetic or digital-enhanced logos.
- **Metallurgist:** For complex alloy selection, corrosion resistance, or specialty finishes.

Format – 4: Financial Strength of the Organization

Bidding consultant's Name-

Financial Data	FY-1 (2019-20)	FY-2 (2020-21)	FY-3 (2021-22)	FY-4 (2022-23)	FY-5 (2023-24)
Information from Audited Balance sheet					
Total Assets (TA)					
Total liabilities					
Net Worth (NW)					
Current Assets(CA)					
Current liability (CL)					
Information from audited Income Statement					
Total revenue (TR)					
Profits before Taxes (PBT)					
Profits after Taxes(PAT)					

Notes

1. With this Form, the Consultant shall attach copies of the audited balance sheets, including all related notes, and income statements for the last five years, as indicated above, complying with the following conditions.

- All such documents, reflecting the financial situation of the Consultant or partner to a JV, and not sister or parent companies.
- Historic financial statements must be complete, including all notes to the financial statements.
- Historic financial statements must correspond to accounting periods already completed and audited (no statements for partial periods shall be requested or accepted).

1. The data in the above Form shall be certified by the Independent Chartered Accountant. The Respective and specific Reference of Audited Balance sheet to be clearly mentioned [below the amounts for each FY] to Compare the Financial data given in FE-1 and the Data given in the Balance sheet.

2. The Applicant shall also attach the backup calculations in respect of each of the above figures duly referenced to the figures of Audited Financial Statements/Balance Sheets and certified by Independent Chartered Accountant.

Verified by Chartered Accountant (CA)

Signature on Stamp-

Date of CA's signature-

CA's Name-

CA's UDIN-

CA's Firm-

CA/CA's Firm Address-

Scope of Work (Contractor Responsibilities)

The Contractor shall be fully responsible for the planning, design, engineering, fabrication, supply, delivery, installation support, and post-installation obligations related to the sculpture, as detailed below.

1. Design Development, Fabrication, Scheduling, and Delivery

The Contractor shall undertake complete conceptualization strictly in accordance with the approved design intent and shall be fully responsible for translating the approved concept into detailed, coordinated, and execution-ready designs. This shall include preparation, submission, review, revision, and approval of all design deliverables, including but not limited to detailed shop drawings, fabrication drawings, construction details, interface and coordination drawings, erection and assembly drawings, and any other drawings necessary for complete and successful execution of the works. All drawings and documents shall be prepared to appropriate scales, clearly dimensioned, and coordinated with architectural, structural, electrical, lighting, and landscape interfaces, as applicable.

The Contractor shall prepare and submit comprehensive material specifications detailing material grades, finishes, surface treatments, tolerances, coatings, protective systems, performance criteria, and expected service life. The Contractor shall also prepare and submit sample boards, mock-ups, prototypes (where required), finish samples, and material samples for review and approval by the Client prior to commencement of fabrication. Fabrication shall not commence unless and until written approval of the relevant drawings, samples, and mock-ups has been obtained from the Client or its authorized representative.

The Contractor shall be fully responsible for the complete fabrication of the sculpture, including procurement of all materials, consumables, fasteners, fixtures, inserts, anchors, and accessories required for completion of the works. Fabrication shall include cutting, forming, welding, machining, assembly, surface preparation, application of finishes, coatings, corrosion protection systems, and protective treatments, all in strict conformity with the approved drawings, specifications, and samples. The Contractor shall ensure that workmanship quality, dimensional accuracy, surface finish, and visual appearance meet the highest standards appropriate to a permanent public installation.

All fabrication and associated activities shall be carried out under a documented Quality Assurance and Quality Control (QA/QC) system approved by the Client. The QA/QC system shall include inspection and test plans (ITPs), material test certificates, weld procedures and qualifications (where applicable), surface preparation and coating inspection records, dimensional checks, and stage-wise inspection and approval processes. Factory inspections and witness points by the Client or its representatives shall be facilitated by the Contractor as required.

The Contractor shall ensure that the sculpture fully satisfies the approved aesthetic intent, functional requirements, structural performance criteria, and long-term durability expectations. The design and fabrication shall account for site-specific environmental conditions including exposure to sunlight, rain, humidity, temperature variations, pollution, corrosion potential, wind, and seismic effects, as applicable. The completed sculpture shall be suitable for long-term outdoor installation with minimal deterioration over its intended design life.

All design, drawing, and fabrication submissions shall be routed through the prescribed review and approval process and shall incorporate all comments, observations, and directions issued by the Client, Engineer-in-Charge, or any statutory or authorized reviewing authority. Revisions arising from such reviews shall be carried out by the Contractor at no additional cost to the Client unless otherwise agreed in writing.

The Contractor shall prepare, submit, and obtain approval of a detailed stage-wise completion schedule covering the entire scope of works from design development through final installation and acceptance. The schedule shall clearly define milestones, interdependencies, review periods, approval durations, fabrication timelines, inspection points, and delivery dates. The schedule shall distinctly segregate off-site activities, including design development, sample and mock-up approvals, procurement, fabrication, testing, factory inspections, and pre-dispatch clearances, and on-site activities, including delivery, unloading, handling, assembly, alignment, erection, installation, testing, commissioning support, touch-ups, and final finishing. The Contractor shall regularly update the schedule, report progress, and implement corrective measures to ensure adherence to approved timelines.

The Contractor shall be solely responsible for safe packing, preservation, labelling, protection, loading, transportation, unloading, handling, and temporary storage of all sculpture components, assemblies, and associated materials until successful delivery at the project site in acceptable condition. Packing methods shall be specifically designed to suit the size, weight, geometry, finishes, and fragility of the components and shall prevent damage, deformation, corrosion, abrasion, or deterioration during transit and storage. The risk of loss or damage shall remain with the Contractor until successful delivery at site and acceptance by the Client. Any damage, loss, or deterioration occurring during packing, transportation, handling, or storage shall be rectified or replaced by the Contractor at no additional cost or time implication to the Client.

2. Structural Engineering

The Contractor shall carry out complete structural analysis and design to ensure stability, safety, and long-term performance of the sculpture under all applicable load conditions, including dead load, wind load, seismic forces, and environmental effects. The scope includes preparation of detailed structural drawings, calculations, vetting of designs drawings by IIT/NIT and issuance of structural stability certification by a licensed/authorized structural engineer, as required by statutory authorities.

3. Lighting Systems

The Contractor shall provide a comprehensive lighting solution for the sculpture, including lighting concept design, illumination levels, fixture selection, mock-ups (if required), procurement of all lighting fixtures, drivers, controls, cabling, accessories, and final installation. The lighting system shall be integrated aesthetically and technically with the sculpture design and shall comply with relevant electrical safety standards

4. Landscape Integration

The Contractor shall prepare landscape design inputs, layouts, required for integrating the sculpture with the surrounding landscape. This shall include coordination drawings, interface details, and material specifications. Execution and physical implementation of landscape works shall be the responsibility of the Client or Client-appointed agencies.

5. Foundation Engineering

The Contractor shall design the foundation system for the sculpture, including load calculations, foundation drawings, anchorage details, and construction specifications. The design shall be coordinated with the sculpture and structural system. Actual construction and execution of the foundation shall be carried out by the Client or Client-appointed contractor.

6. Maintenance

The Contractor shall provide maintenance coverage for a period of three (3) years from the date of final installation and acceptance. This shall include rectification of defects arising from normal wear and tear, workmanship issues, material failures, and performance-related deficiencies. The maintenance scope shall exclude damage due to misuse, vandalism, accidents, or Force Majeure events.

7. Insurance

The Contractor shall arrange and maintain comprehensive insurance coverage for the sculpture, materials, equipment, and associated works from commencement of fabrication until final handover at site. The insurance shall cover risks related to fabrication, transit, handling, installation, and testing, excluding Force Majeure events.

Construction & Implementation

1. Sculpture Foundation

Execution and physical construction of the sculpture foundation, including excavation, reinforcement, concreting, curing, backfilling, and finishing, strictly in accordance with the foundation and structural drawings provided by the Contractor. The Contractor's responsibility shall be limited to design only.

2. Electrical Infrastructure

Provision and installation of all electrical infrastructure up to the designated lighting connection points, including incoming power supply, cabling, conduits, earthing, junction boxes, and control panels, as per the Contractor's approved drawings. Power availability and compliance with statutory electrical norms shall be the responsibility of EPC contractor / Client.

3. Landscaping

Execution and physical implementation of all landscape works, including civil works, planting, irrigation systems, hardscape elements, and finishes, in accordance with the drawings and specifications provided by the EPC Contractor or Client-appointed consultants.

4. Material Handling at Site

Provision, operation, and maintenance of all site material-handling equipment, including cranes, hoists, forklifts, lifting tackles, and accessories, along with certified and competent operators. The Contractor shall not be responsible for delays, damages, or safety incidents arising from non-availability or malfunction of such equipment.

5. **Scaffolding**

Design, supply, erection, modification, maintenance, and dismantling of all scaffolding required at site for installation, alignment, and finishing works. Scaffolding shall comply with applicable safety regulations and statutory requirements.

6. **Utilities**

Continuous and uninterrupted supply of electrical power (temporary and/or permanent)

and water at site during the installation, testing, and finishing phases. Any disruption in utilities affecting progress shall be treated as a Client-side constraint.

7. Accommodation

Provision of accommodation for the Contractor's personnel deployed at site, including basic facilities, on a payable or reimbursable basis as agreed in the Contract. The Contractor shall not be responsible for arranging accommodation independently unless specifically agreed in writing.

8. Completion Period

The completion period will be 12 weeks from the date of award of LOA.

Specifications – NMHC Logo Sculpture

The NMHC Logo Sculpture shall be designed, fabricated, finished, and installed strictly in accordance with the specifications detailed in this proposal, approved drawings, material samples, and mock-ups. The sculpture shall meet aesthetic intent, structural safety, durability, and long-term performance requirements.

1. Dimensions & Geometry

- The overall dimensions of the sculpture (excluding pedestal) shall be approximately:
Length: 14.00 m (46'-0")
Height: 12.50 m (41'-0")
Width: 3.82 m (12'-6")
- As per the approved design, the main sculptural form shall have an approximate length of 13.630 m, height of 12.160 m, and base width of 3.770 m.
- Floor-level variations shall be incorporated as per approved drawings, with heights ranging from 4'-6" at Floor 00 to 8'-6" at Floor 01.
- All dimensions shall be finalized during detailed design and shop drawing stages, subject to approval.

2. Materials – General

- All materials used shall be of approved grade, suitable for outdoor exposure, and resistant to corrosion, weathering, and aging.
- Visible finishes shall maintain consistency in texture, colour, and patina across all elements.
- Material samples and finish mock-ups shall be submitted for approval prior to execution.

3. Structural System

- The internal load-bearing structure shall be fabricated using Stainless Steel (SS 304 / SS 316) or Mild Steel, as approved by the structural consultant.
- Structural design shall account for dead loads, wind loads, seismic considerations, and installation stresses.
- Structural members shall be properly treated with anti-corrosion coatings and protective finishes suitable for external conditions.
- Structural stability certification shall be provided by a licensed structural engineer.

4. End-Use / Cladding Materials

- Bronze, Copper, and Brass shall be used for the primary sculptural surfaces, as per approved design intent.
- All metal claddings shall be securely fixed to the internal structure with concealed fasteners wherever feasible.
- Expansion joints, tolerances, and drainage provisions shall be incorporated to prevent deformation or water ingress.

5. Element-wise Specifications

- **Top Portion:**
Fabricated using textured copper and brass strips, mechanically fixed and finished to achieve uniform texture and appearance.
- **Animal Figures:**
Formed in textured copper with brass CNC-cut decorative strips, aligned accurately as per approved artwork.
- **Sun Element:**
Cast brass with high-quality polished finish, free from surface defects.
- **Moon and Stars:**
Cast white brass elements with polished finish, securely anchored to the structure.
- **Water Element:**
Copper panels treated with controlled blue patina finish, sealed for durability and colour stability.
- **Base:**
Executed using ceramic and glass cast tiles or civil base finished with blue ceramic tiles and textured brass cladding, as approved.

6. Fabrication & Finish Quality

- Fabrication shall be carried out using skilled workmanship to ensure smooth joints, precise alignment, and high-quality finishes.
- Welding, grinding, polishing, and patination processes shall be consistent and defect-free.
- Final surfaces shall be free from dents, cracks, sharp edges, or visible fixing marks.

7. Installation Interface

- All components shall be designed for safe transportation, handling, and site assembly.
- Installation tolerances, anchoring details, and interfaces with foundation, electrical, and landscape elements shall be clearly defined in shop drawings.

UNDERTAKING TO BE GIVEN BY AGENCY

(On Letter head of Firm)

1. I/We
(Name of the bidder) do hereby undertake that we will deploy a team of specialist in Construction of NMHC LOGO Sculpture have requisite experience in said work.

Date:

Place:

Signature of the Bidder

Offer Sheet (Financial Offer)

Contractor's Lump Sum offer in Rupees to **carry out design & Construction of NMHC LOGO Sculpture at National Maritime Heritage Centre (NMHC)**

Rupees: (In figures) –

Rupees: (In words) –

Note: 1. The cost includes all costs like men, material, consumables, incidentals, etc.

2. GST shall be extra payable

3. Payment schedule: Payment schedule on pro rata of spans in meter completed will be as under:

S No	Item	Payment in percentage of the total accepted amount excl GST
1	On submission & approval of designs	20%
2	On supply and delivery of all equipment	40%
3	On Installation, testing & commissioning	30%
4	On completion of assignment as certified by IPRCL/NMHC	10%

4. The financial offer must be password protected in PDF document, and emailed to sanjay.rawool@iprcl.in, before or at the time of submission of the offer, and password to mailed at the time of opening.