



DEENDAYAL PORT AUTHORITY  
ISO 9001-2015 & ISO 14001-2015



Office of the Chief Mechanical Engineer  
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**No. EL/WK/2848(R-I)**

**Date:- 23.10.2024**

To,

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**'Expression of interest'**

**Sub:** Expression of interest for hiring of Two Nos HMC cranes of capacity 100MT or above including grabs for cargo handling at Deendayal Port Authority Kandla Jetty No 14-16 for a period of 2 years and extendable for one more year. – Reg.

**Sir,**

Deendayal Port Authority (DPA), an autonomous body under the Ministry of Ports, Shipping & Waterways, Govt. of India, intends to hire two HMC cranes of capacity 100MT or above for handling cargo at Kandla Cargo Jetty Areas Jetty No 14-16. The project requires a reliable and efficient HMC crane to ensure the smooth handling and transportation of cargo at DPA.

It is requested to kindly submit your budgetary offer for the subject work on the basis of the Technical Specification, Operational Requirement and General terms & Conditions enclosed herewith. The offer should include details about your firm as well as any comments or suggestions you might have regarding the proposal. Please send your submissions to the provided email addresses. The rates quoted should encompass all costs, including tools, tackles, spares & consumables, skilled personnel, services, transportation, and other auxiliary charges necessary for the successful execution of the work. Please ensure that the GST applicable is shown separately, as it will not be considered for evaluation purposes. Your budgetary offer with Forms- A & B for the subject work should reach this office on or before **7.11.24**

Thanking you,

Yours faithfully,

**Sd/-**  
**Chief Mechanical Engineer**  
**Deendayal Port Authority**

## 1. **INTRODUCTION:**

Deendayal Port Authority, Kandla, is one of the busiest and twelve major Ports of India and is located on the west coast of India, in the Gulf of Kutch at 23° 01' N and 70° 13'E in the state of Gujarat in India. Deendayal Port has been achieving first position among all the Major Ports of India in the terms of cargo handling for the most of the years in last decade Thus, Deendayal Port Authority has been contributing the most for the development of port capacity and handling seaborne trade of the country.

Presently, Deendayal Port handles dry cargo at its fourteen general cargo /multipurpose berths and a PPP berth of Adani Kandla Bulk Terminal Pvt Ltd is operational from 2015; Container handling berth of 11th and 12th in Kandla, operational in PPP mode under Kandla International Container Terminal Private Limited; seven jetties for handling POL products and other liquid cargo traffic at Kandla and three Single Buoy Mooring (SBM) at Vadinar for handling crude oil. The port is spread over 330 hectares which is fully custom bonded. Deendayal Port has mooring facilities in the inner harbor area for stream handling; there are four cargo moorings and one deep draft mooring point in this area.

The traffic handled by Deendayal Port has shown a consistent increase and it's been growing at a faster pace. The total traffic (both liquid and dry cargo) handled by the Port has gone from 45.91 million tons in 2003-04 to 131.82 million tons in 2023-24. It shows the CAGR of 8.11 % over the said Fifteen years' period. Deendayal Port Authority intends to hire two HMC crane of capacity 100MT or above for handling cargo at Kandla at Jetty No 14-16. The project requires a reliable and efficient HMC cranes for handling cargo at berths as per the requirement of DPA.

## 2. **BROAD SCOPE OF WORK:**

- Mobilization and Deployment two HMC cranes of capacity 100MT or above including grabs on a Monthly hiring basis for handling cargo at Jetty No 14-16 of DPA.
- Operation & Maintenance of said HMCs of minimum 100MT capacity for a period of two year and extendable by another one year or part thereof if required by Port.
- It may required to handle project cargo ODC Cargo through the tendam operation other than bulk & break bulk cargo.
- De-mobilization of HMC crane on completion of contract period.

## 3. **TECHNICAL SPECIFICATIONS:**

The offered HMC Crane shall meet the following requirements.

<b>Sl. No.</b>	<b>Description of Parameter / Feature</b>	<b>Details / Requirement</b>
1.	Number of Crane Required	2 nos.
2.	Duration of Hiring	Two years
3.	Vessels to be Handled	Panamax /New Panamax
4.	Lifting capacity of HMC	Capacity of 100MT or above
5.	Uniform load distribution	The berth is designed for live load of 5 MT/m <sup>2</sup> and truck load of Class AA loading.
6.	Outreach	Max. 45Mtr
7.	Mode of operation	Both hook and grab, Diesel / Electrically / hybrid
8.	Grabs – 2 Nos. per crane (one for handling density of less than or equal to 1 and 1 to 2.5 )	Suitable for handling Salt, Soya Bean, wheat, sugar, Urea, MOP, Sulphur, RSM, clay, scrap, coal ,coke etc.

9.	Minimum Average per day output considering stoppages beyond control of Contractor as per SOR of DPA	As per berthing policy, per day cargo handling norms set by port for these cargoes are as under-	
		Cargo	MTPD (MT per day)
		Salt	20000 (for parcel size above 35000 MT)
		Sugar in bulk	8000
	Aggregate	25000 (for parcel above 35000 MT)	
10.	Crane Operability	DGFASLI certificate along with OEM Certification on operational performance And safety compliance regarding reliable operation during O&M	
11.	Maximum Running hours	Below 30000 hrs	
Following information shall be given by the Firm			
12.	Year of manufacture	To be indicated by the firm	
13.	Model of crane	To be indicated by the firm	
14.	Boom length	To be indicated by the firm	
15.	Per hour consumption of Diesel during operation	To be indicated by the firm	
16.	Per hour consumption of Diesel during idle hours	To be indicated by the firm	
17.	Safety Devices Provisions	To be indicated by the firm	

#### 4. OPERATIONAL REQUIREMENT:

Sl. No.	Description of Parameter/Feature	Details/Requirement
1.	Working Days	All days in a month including Sundays & National Holidays.
2.	HMC Cranes	Valid statutory certificates in proof of completed statutory survey requirements

3.	Operational team along with Crane	As per requirement for 3shift operation
4.	All gate passe formality.	Crane Operator Scope
5.	Supply of Fuel	Under the scope of Firm. Charges towards fuel cost as per predefined consumption rate and prevailing market rate will be reimbursed depending on the operational hour and idle hours.

## 5. GENERAL TERMS & CONDITIONS:

- 5.1 Contract Period: 2 years
- 5.2 Mobilization period –HMC Cranes at DPA shall be mobilized complying with all statutory requirements within 30 days of receipt of a Letter of Acceptance.
- 5.3 Within mobilization period the firm shall submit the supporting documents fulfilling the Technical Specification as outlined for acceptance of HMC Crane. DPA will give acceptance within 3 working days upon submission of entire documents in complete shape. The firm shall furnish a detailed Load Chart with a range diagram and relevant drawings of the crane intended for deployment.
- 5.4 **Commencement of Hiring:** Subject to other provisions of the Order the Hire charges starts from the date all the crane is ready for operation meeting all statutory requirements.
- 5.5 DPA shall issue Release letter on completion of engagement period or extended period for demobilization of HMC Crane. De-mobilization period – 30 days
- 5.6 **Renewal/Extension/Amendment of Order:** The contract may be extendable for another period of 1year with same rate, terms & conditions. The firm shall be intimated in writing 15days in advance for extension mentioning further required period.
- 5.7 HMC crane shall be in good working conditions.
- 5.8 **DPA** shall provide necessary administrative assistance for necessary declaration letters & forms, during Mobilization & Demobilization of the crane wherever applicable.
- 5.9 **DPA** prior to arrival of HMC crane, shall allocate designated area and hand over the same to the firm if required for making their office, stores and other purpose on chargeable basis.
- 5.10 **Formalities for Gate Pass:** All formalities for taking any components and all personal (all staff) in & out of DPA shall be carried out by the firm at their own cost. All formalities for taking necessary gate passes for all the parts for smooth entry will be done by the firm's representative at their own cost.
- 5.11 **Load Test:** The load test should be carried out before putting into operation or ready to use. The load for the load test shall be arranged by the firm at their own cost. Load testing for initial (and subsequent, if any) HMC crane shall be certified by an authorized third-party inspection agency (TPIA). The quoted Prices of the firm shall be deemed to include load testing of the crane as required to establish the lifting capacity of the crane. Moreover, supporting Cranes, equipment, consumables and tools & tackles required for assembly and de-assembly of cranes is in the scope of the bidder.
- 5.12 **Signing of Log Sheet:** Log Sheet to be signed and certified by DPA site In-charge / Officials on daily basis and the same to be treated as conclusive proof for billing purpose. The bill and payment are to be made strictly based on a certified log sheet.
- 5.13 **Movement of HMC Crane:** Movement of HMC Crane within berths of DPA will be carried out as per requirement of DPA. The movement period is to be considered as hiring period and log sheet to be signed accordingly.
- 5.14 **During non-operational period** of HMC crane, crane shall be parked at the designated parking area safely.

5.15 **Payment Schedule:**

Mobilization charges including GST to be paid within 15days from the time the HMC crane is ready for usage.

Monthly hire charge bill to be certified and paid within 15days of submission of the bills in complete shape.

De-mob Charges Bill to be paid within 15 days from the date of submission.

5.16 **GST:** Applicable GST to be paid as per prevailing law applicable.

5.17 **Monthly hiring charges**

Progressive Monthly hiring period shall be considered for payment purposes from the date of ready for use declaration and until the equipment is withdrawn for demobilization from DPA.

The availability factor of crane shall be 90%. In case of availability below 90% due to reasons attributable to firm, deduction will be made 1.5 times of pro-rata basis of the monthly hire charges.

Average per day output shall be as per the Technical specification excluding stoppages beyond the control of crane operator. In case of average per day output below the output due to reasons attributable to firm, deduction will be made on 1.5 times of pro-rata basis of the monthly hire charges. Bidder shall carry out preventive maintenance during non- operation days as per the schedule agreed with the DPA Official.

5.18 **Pre-Release of Crane:** DPA will intimate the firm 1 month in advance in case of pre-release of equipment before completion of hiring period as per order.

5.19 **Manpower:** The firm shall provide trained and experienced personal.

5.20 **Insurance:** The firm shall take insurance for its crane and operating personnel. All liabilities on account of workmen compensation shall be to the account of the firm for its workmen only. The firm shall take comprehensive insurance, including third party liability for its crane.

5.21 The possession and effective control, at all the times, of the crane shall be that of the firm only. Operation of the Crane should be handled exclusively by the trained persons appointed by the firm.

5.22 **Safety of Cranes & Personal:** For the safety of crane and personnel, crane shall work strictly as per manufacturer's load chart and should adhere to all applicable safety

precautionary measures.

- 5.23 **Force Majeure: DPA** shall be liable to pay the nominal rental charges as may be agreed between the parties in case of crane(s) is/ are unable to work due to the reason of fire, strike, war, civil unrest, terrorist action, government regulations, acts of nature or other causes which are beyond the reasonable control of the Parties ("Force Majeure").
- 5.24 **Governing law and Jurisdiction: In** case of any dispute or claim arises between the parties, laws of India shall govern this Service Order and the courts at Gandhidham shall have exclusive jurisdiction to try and decide the matter.
- 5.25 The crane shall be provided with enough operators, helpers, service & maintenance staff to meet the site working conditions round the clock & all other consumables (if any).
- 5.26 The price quoted shall be inclusive of operation (excluding fuel) and preventive as well as breakdown maintenance of the crane. The firm shall deploy all necessary T&P required for the operation and maintenance of all the equipment.
- 5.27 The firm shall provide all lubricants, spare parts, filters, and other necessary consumables (except fuel) that are necessary to fulfill the scope of services under this specification within the quoted rates. Hydraulic oil, Engine Oil, Grease, and all other lubricants and associated consumables e.g. filter elements, etc., have to be arranged by the firm at his own cost. The cost of repairs arising during the operation shall be borne by the contractor. Necessary manpower, fuel, lubricants, tools & tackles, assist cranes and spare parts shall be made available by the firm as a normal scope to attend the breakdowns.
- 5.28 Rate - The rate quoted should be firm and final, which is inclusive of all taxes (except GST) duties, fees, all types of cess, insurance, transportation, packing & forwarding and all other incidentals for successful execution of the work. The prices are rationale and reasonable



**Form - A**  
**Name of firms/Applicants**  
(Organizational Structure)

1	Name & Address of the applicant with Telephone No./Fax No, website and Email	
2	a) Year of Establishment	
	b) Date & Year of commencement	
	c) Legal status of the applicant (attach copies of original document defining the legal status)	
3	a) A proprietary firm	
	b) A firm in partnership	
	c) A limited company or Corporation/ Joint venture / Consortia	
	d) State owned	
4	Any other information considered necessary but not included above	
5	PAN Number	
6	GST Registration Number	
7	Provident Fund Certificate Number	
8	Contact Person Details Name Email Phone	

**Signature of Firm and seal**

**Form - B**

**BOQ**

Sub: Hiring two HMC crane of 100MT or above capacity including grabs for handling cargo at Deendayal Port Authority (DPA) at Cargo Jetty 14-16

Sr. No	Description	Unit	Qty	Rate (In Rs.)	Amount	
					in Figures	In Rs.
1	Mobilization charges excluding GST	No	<b>2</b>			
2	Monthly hire charges towards O&M of HMC crane of 100MT or above capacity excl. GST & Fuel cost for both the cranes.	Months	<b>24</b>			
3	De-Mobilization charges excluding GST	No	2			
	<b>Total</b>					

(Total Rupees (excluding GST) \_\_\_\_\_ Only) GST: \_\_\_\_\_% extra

**Signature of Firm and seal**

**CONTACT DETAILS:**

Offer shall be submitted in the following mail ids:

3.37.1 [see@deendayalport.gov.in](mailto:see@deendayalport.gov.in)

3.37.2 [cme@deendayalport.gov.in](mailto:cme@deendayalport.gov.in)

Contact person from DPA: -

1. Superintending Engineer (E)

Mobile No.9825234436

E-mail id: [see@deendayalport.gov.in](mailto:see@deendayalport.gov.in)