



DEENDAYAL PORT AUTHORITY

ISO 9001:2008 | ISO 14001 | ISPS Compliant Port

Office of Superintending Engineer (Electrical),
Ground Floor, P & C Building, New Kandla, Kutch,
Pin Code 370210
E-mail: see@deendayalport.gov.in

No.: EL/AC/HMC/2025/2884

Date: 05/07/2025

EXPRESSION OF INTEREST [EOI] for “Design, Supply, installation, Testing & commissioning of 03 nos. of 100 T and above tyre mounted Electric & diesel (DUO) driven harbour mobile cranes in replacement of 3 nos TIL make ELL Cranes along with 2 years guaranty with free comprehensive Annual Maintenance Contract (CAMC) and 8 years payable CAMC.”

(This EOI is issued to elicit Expression of Interest from the parties interested in the work and does not constitute any binding commitment from the Deendayal Port Authority to proceed with the work or invite any or all the parties in the subsequent bidding process. The Open Tenders will be issued subsequently.)

Superintending Engineer (Electrical), DPA invites Expression of Interest for the work of for “Design, Supply, installation, Testing & commissioning of 03 nos. of 100 T and above tyre mounted Electric & diesel (DUO) driven harbour mobile cranes in replacement of 3 nos TIL make ELL Cranes along with 2 years guaranty with free comprehensive Annual Maintenance Contract (CAMC) and 8 years payable CAMC.”

The interested manufactures / Authorised dealers are requested to submit their expression of interest for the said Cranes along with detailed technical, commercial terms & conditions. The complete EOI (Expression of Interest) shall be submitted to this office on or before 20/07/2025. A soft copy of EOI is also acceptable through e-mail ID: see@deendayalport.gov.in.

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Superintending Engineer (E)
Deendayal Port Authority

Bill of Materials

S.No.	Description	unit	Unit	Rate	Amount
1	Design, Supply, installation, Testing & commissioning of 100 T and above tyre mounted Electric & diesel (DUO) driven harbour mobile cranes, with total 4 nos. Hook blocks	Nos	3		
2	4 rope operated grabs to handle the less than or equal to 1 density of the Bulk cargo for the above Cranes (not less than 35 CBM)	Nos	4		
3	4 rope operated grabs to handle the 1 to 2.5 density of the Bulk cargo for the above Cranes (not less than 22 CBM)	Nos	4		
4	Comprehensive maintenance of above equipments				
	1 st Year	Months	12	Free Maintenance during Gurantee Period	
	2 nd Year	Months	12		
	3 rd Year	Months	12		
	4 th Year	Months	12		
	5 th Year	Months	12		
	6 th Year	Months	12		
	7 th Year	Months	12		
	8 th Year	Months	12		
	9 th Year	Months	12		
	10 th year	Months	12		
5	Operation of above equipments				
	1 st Year	Months	12		
	2 nd Year	Months	12		
	3 rd Year	Months	12		
	4 th Year	Months	12		
	5 th Year	Months	12		
	6 th Year	Months	12		
	7 th Year	Months	12		
	8 th Year	Months	12		
	9 th Year	Months	12		
	10 th year	Months	12		
Total (amount)					

Note: Excluding Custom Duty & Taxes.

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Superintending Engineer (E)
Deendayal Port Authority

Technical Requirements

GENERAL SPECIFICATIONS OF MOBILE HARBOUR CRANES		
TECHNICAL DATA(Bidders to indicate the data for the offered model, wherever required)		
Sr.No	Specific requirements and parameters	Data
1.	Capacities.	100 T and above.
2.	Max. Outreach Min. outreach	54 mtrs 11 mtrs
4.	Height of jib's fulcrum point	As per Mfg. proven standards.
5.	Visual height of crane operator.	As per Mfg. proven standards.
6.	Working speeds. Note: All crane movements (except traveling) must be carried out simultaneously during crane operation at maximum possible speed and as per standard tolerance limit.	As per Mfg. Proven standards.
7.	Hoisting speed, Standard operation (indicative only).	As per Mfg. proven standards.
8.	Grab operation.	As per Mfg. proven standards.
9.	Luffing speed.	As per Mfg. proven standards.
10.	Traveling speed.	As per Mfg. proven standards and motion should be 360 degree Long traveling.
11.	Slewing speed	As per Mfg. proven standards.
12.	Possible operating hours without refilling the fuel tank	More than 120 hrs.
13.	Climbing ability.	As per Mfg. proven standards.
14.	Crane in operation during wind velocity. Crane out of operation during wind velocity.	As per Mfg. proven standards.
15.	Utilization of tipping load. General cargo operation. Heavy lift operation. Grab operation.	As per Mfg. proven standards.
16.	Classification according to FEM 1.001 – 3rd edition.	As per the Latest Version.
17.	Environmental conditions Temperature. Humidity (Relative) Atmospheric condition.	50-degree C. Ambient temp. 97% Dusty, saline, humid & highly corrosive.
18	Maximum Height above ground level Below ground level	As per Mfg. proven standards.

19	The option of external power supply to the crane shall be provide as the cranes are required for continuous operation on external electrical power.	11 KV, 50 Hz Power supply will be provided at wharf side
20	Rest pads dimensions.	The jetty load Bearing capacity is 3.3 Ton / m ² , however, pad shall be designed with minimum size of 6 m x 2 m keeping in view of the jetty design.

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