



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, Tel: 02836 270 342

No.: EL/AC/GEN/2160

Date: 28/01/2025

EXPRESSION OF INTEREST [EOI] for "Design, Supply, installation, Testing & commissioning of 03 Nos. ELL Cranes having capacity of handling minimum 40T of bulk cargo with Grab (including grab dead weight) available at the maximum outreach of 42 mtrs at berth no. 8 to 10 at inside cargo jetty area including 2 years guarantee with free comprehensive Annual Maintenance Contract.

(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 "Design, Supply, installation, Testing & commissioning of 03 Nos. ELL Cranes having capacity of handling minimum 40T of bulk cargo with Grab (including grab dead weight) available at the maximum outreach of 42 mtrs at berth no. 8 to 10 at inside cargo jetty area including 2 years guaranty with free comprehensive Annual Maintenance Contract" from the reputed manufacturers /Authorised dealers from those who have executed similar work in Government/public sectors and other leading private organizations. The technical Specifications and associated equipment's (Grabs & Hook) are enclosed herewith.

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 the office of the undersigned on or before 20/02/2025. A soft copy of EOI is also acceptable through e-mail IDs. 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 Four rope operated 03 nos. ELL Cranes having capacity of handling minimum 40T of bulk cargo with Grab (including grab dead weight) available at the maximum outreach of 42 mtrs radius at berth no. 8 to 10 at inside cargo jetty area including 2 years guarantee including free comprehensive Annual Maintenance Contract (CAMC).	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 approx. 30 CBM.	Nos	3		
3	4 rope operated grabs to handle the 1 to 2 density of the Bulk cargo for the above Cranes, approx. 22 CBM.	Nos	3		

Note: The rates should be inclusive of all taxes, duties, fees, cess etc. and all incidental charges but exclusive of GST

Technical Details

1	Crane Capacity with Grabs Bucket (SWL)	40 Ton(Maximum)
2	Maximum Radius of Hook (Grab Bucket)	42 MTR
3	Minimum Radius of Hook. (Grab Bucket)	9 MTR
4	Height of Lift from above the Rail.	25 MTR
5	Height of Lift from below the Rail.	20 MTR
6	Tail Radius.	6 MTR(tentative)
7	Crane Span (Distance between Rail Center to Rail Center).	15.1 MTR
8	Rail Type/Size.	CR100
9	Bay Length.	100 Mtr
10	Permissible Wheel Load on Rail track.	20T
11	Speed of all motion (Hoist, Slew, Luff & L T Motion)- To be proposed by you.	Hoist & Close-75m/min,Slew-1.25RPM, Luff-60m/min, LT-20M/MIN
12	Type of Power supply & Feeding point.	11KV/440V
13	Total lift of the Crane.	Not less than 45 MTR
14	Location of the crane	BERTH -8-10
15	Details of Handling Materials for Grabs Bucket.	break bulk viz. Coal, Fertilizer, Sulphur, Lime iron ore, silica etc.
16	Bulk Density of the Material to be handled by Grab.	Up to 2.5 grams/cm 3
17	Tonnage to be handled by Grab at a single time.	40 TON (Including grab dead weight)
18	Type of Drive Control	VVVF
19	Test Load including Grab/Hook weight	125% safe working Load
20	Wheel Type	Double flanged