

BHARAT HEAVY ELECTRICAL LIMITED, JHANSI				
	Specification No.	7401		
	Item No.	SP/CRJ/1/8/7401		
	Location	CDC		
	Quantity	One Number		
<b>SCOPE :</b>				
<b>DESIGN,SUPPLY,PROVING, INSTALLATION &amp; COMMISSIONING OF 12 TON PICK &amp; CARRY MOBILE CRANE. COMPLYING AS PER SPECIFICATION</b>				
<b>NOTE :</b>				
1. VENDOR must submit complete information against clause No. 6.0 ( Qualifying condition). The offer meeting this clause would only be processed.				
2. The " offered" Column and where applicable, the " Deviations" Column of this format shall be filled in by the Vender and submitted along with the offer. Technical details also submitted with the offer. Inadequate / incomplete, ambiguous, or unsustainable information against any of the clauses of the specification / requirements shall be treated as non - compliance.				
3. The offer and all documents enclosed with offer should be in English language only.				
<b>SPECIFICATION CUM COMPLIANCE CERTIFICATE OF 12 TON PICK &amp; CARRY MOBILE CRANE.</b>				
S.NO	DESCRIPTION FOR BHEL REQUIREMENT	SPECIFIED / TO BE CONFIRMED BY VENDOR	OFFERED	DEVIATION
1.00	<b>PURPOSE</b>			
1.01	Minimum 12 Ton Pick & Carry Mobile Crane is required for transporting of material from outside / inside the factory area	VENDER TO CONFIRM & SPECIFY		
1.02	Make of offered vehicle	VENDER TO SPECIFY		
1.03	Model of offered vehicle	VENDER TO SPECIFY		
2.00	<b>SPECIFICATION:</b>			
2.01	<b>Rated Power 48 horsepower or above @ 2200 - 2400 RPM</b>	VENDER TO CONFIRM & SPECIFY		
2.02	<b>Engine Type:</b> Diesel Engine	VENDER TO CONFIRM & SPECIFY		
2.03	<b>Lifting capacity:</b> 12 tone(Min.)	VENDER TO CONFIRM & SPECIFY		
2.04	<b>Lifting capacity</b> at full extended boom (Min. at 30 feet): 01 Ton	VENDER TO CONFIRM & SPECIFY		
2.05	<b>Sterring :</b> Power steering , articulated hydraulically controlled	VENDER TO CONFIRM		
2.06	<b>Hoist Mechanism:</b> Hydraulic operated four falls hook block with built in safety brakes	VENDER TO CONFIRM		
2.07	<b>Turning Radius :</b> 7.5 meter (Max.)	VENDER TO CONFIRM & SPECIFY		
2.08	Conformity to <b>IS:4573</b> latest	VENDER TO CONFIRM		
2.09	<b>Full extended boom length-</b> 30 feet(Min.)	VENDER TO CONFIRM & SPECIFY		
2.10	<b>After sales service -</b> Bidder have to ensure that quoted make have the service facilities in Jhansi or around the 30 KM of BHEL Jhansi Location".	VENDER TO CONFIRM & FURNISH THE ADDRESS & CONTACT DETAILS OF SERVICE CENTER		
2.11	<b>Safety System :</b>			
	(A) Over load audio warning system,	VENDER TO CONFIRM & SPECIFY		
	(B) Spark arrestor should be provided on exhaust system as per approval of PESO	VENDER TO CONFIRM & SPECIFY		
	(C) Safety brakes on hoist,	VENDER TO CONFIRM & SPECIFY		
	(D) Hose protection failure device,	VENDER TO CONFIRM & SPECIFY		
	(E) Front and rear wheel guards.	VENDER TO CONFIRM & SPECIFY		
	(F) Safe load indicator with hydraulic cut off	VENDER TO CONFIRM & SPECIFY		
	(G) Over hoist & over load cut off,	VENDER TO CONFIRM & SPECIFY		
	(H) Head & tail light assembly and reverse gear hooter annunciator/reflectors	VENDER TO CONFIRM & SPECIFY		
	(I) Hydraulic oil pressure gauge	VENDER TO CONFIRM & SPECIFY		
2.12	<b>Suspension :</b>	VENDER TO SPECIFY		
2.13	<b>Hydraulic system:</b>	VENDER TO SPECIFY		
2.14	<b>Type of Clutch</b>	VENDER TO SPECIFY		
2.15	<b>Rope Length:</b> 15 meter or above	VENDER TO SPECIFY		
2.16	<b>Type of Air Cleaner :</b>	VENDER TO SPECIFY		
2.17	<b>Front Brake</b>	VENDER TO SPECIFY		

30/01  
27/7/22

Deepak 26/07/22  
(डीपक कुमार)  
उप प्रबन्धक (सीओ/सीओ)  
Dy. Manager (CDC)  
बी.ए.ई.एल., जहानाबाद  
B.H.E.L., JHANSI

Sham Vrm  
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817  
26/07/22  
(शमस-उज-जमान)  
(SHAMS-UZ-ZAMAN)  
उप प्रबन्धक (सीओ/सीओ)  
D. G. M. (CDC)  
बी.ए.ई.एल., जहानाबाद  
B.H.E.L., JHANSI

SPECIFICATION CUM COMPLIANCE CERTIFICATE OF 12 TON PICK & CARRY MOBILE CRANE.				
S.NO.	DESCRIPTION FOR BHEL REQUIREMENT	SPECIFIED / TO BE CONFIRMED BY VENDOR	OFFERED	DEVIATION
2.18	Front Tyre size	VENDER TO SPECIFY		
2.19	Rare Tyre size:	VENDER TO SPECIFY		
2.20	Front Tyre Type	VENDER TO SPECIFY		
2.21	Rare Tyre Type	VENDER TO SPECIFY		
2.22	Number of tyres front	VENDER TO SPECIFY		
2.23	Number of tyres rare	VENDER TO SPECIFY		
2.24	Engine Make	VENDER TO SPECIFY		
2.25	Rear Brake type	VENDER TO SPECIFY		
2.26	Rear Brake type	VENDER TO SPECIFY		
2.27	Transmission type	VENDER TO SPECIFY		
2.28	Parking Brake type	VENDER TO SPECIFY		
2.29	Forward Gear(number of gears)	VENDER TO SPECIFY		
2.30	Reverse Gear(number of gears)	VENDER TO SPECIFY		
2.31	Travel Speed :Min 25Km/hr	VENDER TO SPECIFY		
2.32	Electrical System (Operating Battery Voltage)	VENDER TO SPECIFY		
2.33	Fuel tank capacity	VENDER TO SPECIFY		
2.34	Boom type :Slotted Boom/Telescopic	VENDER TO SPECIFY		
2.35	Operator cabin :front mounted/ rear mounted	VENDER TO SPECIFY		
2.36	Details of out riggers if applicable	VENDER TO SPECIFY		
3.00	<b>DOCUMENTATION</b>			
3.01	Load test certificate must be submitted at the time of supply.	VENDER TO CONFIRM		
3.02	The offer should be complete with dimensional details outline general arrangement drawing .	VENDER TO CONFIRM		
3.03	Three copies of operation,operator & maintenance manual,spare part list to be supplied with the crane.	VENDER TO CONFIRM		
3.04	Not withstanding anything, the details in this specification, if any thing else is required for its functioning, the same shall be specifically brought out & indicated.	VENDER TO CONFIRM		
4.00	<b>ERRECTION AND COMMISSIONING</b>			
4.01	The equipment should be commissioned & proved by the supplier at BHEL, Jhansi.	VENDER TO CONFIRM		
4.02	The equipment shall be tested/ inspected by BHEL engineer at suppliers works as per specification & performance before dispatch.	VENDER TO CONFIRM		
5.00	<b>GUARANTEE</b>			
5.01	The equipment is to be guaranteed in respect of material, construction and operation and against any manufacturing defect for a period of 24 months from the date of commissioning. Any parts of units found defective have to be replaced free of cost.	VENDER TO CONFIRM		
6.00	<b>QUALIFYING CONDITION</b>			
6.01	Only OEM / Authoised dealer (OEM / Authorisation certificate required with offer) who have supplied & commissioned at least 01 No. 12 TON PICK AND CARRY MOBILE CRANE. or higher capacity in the past five year , should quote. The following information is to be submitted by the Vendor for qualification of their offer. (P.O.Copy in favour of OEM is also acceptable)	VENDER TO CONFIRM		
6.02	A .P.O.Copy of supplied Mobile Crane as above	VENDER TO CONFIRM		
6.03	B. Dispatch documents/Invoice copy /Service report of above supplied Mobile crane.	VENDER TO CONFIRM		
7.00	<b>BHEL reserves the right to verify information submitted by vendor. In case the information is found to be false / incorrect, the offer shall be rejected.</b>	VENDER TO CONFIRM		

*27/7/22*

*Accepted 29/07/2022*  
 (दीपक कुमार)  
 (DEEPAK KUMAR)  
 उपा. प्रबन्धक (सी.डी.सी.)  
 Dy. Manager (CDC)  
 बी.ए.ई.एल. जहानाबाद  
 B.H.E.L. JHANSI

*Sagun Verma*  
*27/7/22*

*17*  
*29/7/22*  
 (शमशेर शर्मा)  
 (SHAMS-UZ-ZAMAN)  
 उपा. प्रबन्धक (सी.डी.सी.)  
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