



EPD - BANGALORE

**Technical specification for Pick
and Carry mobile crane 11 ton**

**SPECIFICATION NO.
EP-WEX-PACMC/15-16**

Specification of 11 T Pick & Carry Mobile Crane

S/no	Description	Requirement
1.	Equipment Description	11 T Pick & Carry Mobile Crane
2.	Scope of Supply	11 T Pick & Carry Mobile Crane
3.	Commissioning	Scope of Supplier
4.	Specification	
	a) Lifting Capacity	: 11 tonnes
	b) Engine	: Diesel Engine
	c) Transmission	: Sliding mesh, 6 forward and 2 reverse with high low range selector
	d) Telescopic Boom	: 2 part box type hydraulically operated
	e) Brakes	: Pneumatically assisted hydraulic brakes
	f) Steering	: Articulated power steering with 55" articulation
	g) Turning radius	: 5.5 metres
	h) Hoist	: 4 falls , hydraulic winch
	i) Telescoping time	: 10 secs
	j) Hoist Speed	: 24 M/min
	k) Tyres	: 4 Front / 2 rear
	l) Electrical System	: 12 V single battery negative earth
	m) Hydraulic System	
	i) Pump	: Vane type
	ii) Control valve	: 4 Spool control valve
	iii) Hydraulic filter	: 100 mesh inline strainer , 25 micron filter at return line
	n) Hydraulic tank capacity:	90 ltrs
	o) Fuel tank capacity	: 45 ltrs
	p) Safety system	: a) Over load audio warning system b) Hoist failure protection c) Over hoist audio indication d) Safety brakes on hoist e) Cylinder guard

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(2)

5. Spares and services

Two year trouble free maintenance spares to be quoted as optional . (parts, labor, travel for repair and replacement for items are to be covered under warranty)

6. Inspection

Equipment will be inspected by BHEL engineers during the course of manufacture equipment to be dispatched only after final inspection and acceptance

7. Warranty

12 months from the date of successful commissioning

10.	Qualification Criteria	
	BHEL Standard Terms & Conditions	Documents to be submitted with offer
1	The vendor shall be Original Equipment Manufacturer (OEM).	Provide copy of registration certificate
2	The vendor shall have qualified personnel, their own adequate manufacturing / integrating and testing facilities for the equipment offered.	Provide company profile with manpower details
3	The vendor should have manufactured, supplied and successfully commissioned similar equipments , in the last 2 years	Provide list of supplies made and PO copies
4	The vendor shall submit audited balance sheet or tax returns or profit loss account for the last 3 years	Submit copy of required documents.



Bharat Heavy Electricals Limited

Ceramic Business Unit - Electroporcelains Division

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**ENQUIRY FOR HYDROULIC PICK & PLACE CRANE 11 TON
AS PER SPECIFICATION NO. EP-WEX-PACMC/15.16**

GENERAL TERMS & CONDITIONS

ANNEXURE-I

TENDERS SHOULD BE SUBMITTED IN TWO PARTS

PART-A TECHNO-COMMERCIAL BID

PART-B PRICE BID

PLEASE FILL ATTACHED ANNEXURE-2(PAGE4)&SUBMIT ALONG WITH YOUR TECHNO-COMMERCIAL BID

THE OFFER SHOULD BE SUBMITTED IN SEPARATE SEALED COVERS SUPERSCRIBING THE RFQ NUMBER AND DUE DATE AND ADDRESSED TO:

ADDITIONAL GENERAL MANAGER-MATERIALS

BHARAT HEAVY ELECTRICALS LTD (BHEL)
ELECTROPORCELAINS DIVISION (EPD)
PROF. C.N.R.RAO CIRCLE, PB NO. 1245,
SCIENCE INSTITUTE POST, BANGALORE 560012

THE OFFER SHOULD REACH WITHIN 14.00 Hrs ON THE DUE DATE, THE OFFERS WILL BE OPENED AT 14.30 Hrs ON THE SAME DATE IN THE PRESENCE OF THE VENDORS OR THEIR AUTHORISED REPRESENTATIVES WHO WISH TO BE PRESENT. THE DUE DATE MAY BE ALTERED IN CASE OF INSUFFICIENT RESPONSE FROM VENDORS OR URGENCY OR ANY OTHER REASONS DEEMED VALID. RE-FLOATING ALSO MAY BE RESORTED TO WITH OR WITHOUT OPENING THE RECEIVED RESPONSES UNDER THE AFORESAID CIRCUMSTANCES.

THE OFFER SHALL BE IN TWO PARTS – PART-A TECHNO-COMMERCIAL AND PART-B PRICE BID. EACH PART SHALL BE PUT IN A SEPARATE SEALED COVER AND THE COVER SHOULD HAVE THE CORRESPONDING PART NAME, SUBJECT OF TENDER AND DUE DATE WRITTEN ON IT. IF BOTH PARTS ARE FOUND IN OPENED CONDITION IN A SINGLE SEALED COVER, THE SAME OFFER WILL BE SUMMARILY REJECTED. ONLY THE TECHNO-COMMERCIAL PART WILL BE OPENED ON THE DUE DATE. THE TENDERS MEETING OUR TECHNO-COMMERCIAL REQUIREMENTS WILL BE CONSIDERED FOR PRICE BID OPENING AT A LATER DATE FOR WHICH ELIGIBLE VENDORS WILL BE INTIMATED IN DUE COURSE. VENDORS WILL BE GIVEN DUE OPPORTUNITY TO COMPLY WITH BHEL REQUIREMENTS IN A TIME FRAME IN CASE THERE IS ANY NON-COMPLIANCE IN THE ORIGINAL QUOTE.

I. TECHNO-COMMERCIAL CONDITIONS SHALL INTERALIA CONTAIN THE FOLLOWING:-

COMPLETE TECHNICAL OFFER INCLUDING DETAILED SPECIFICATIONS/DRAWINGS/CATALOGUES/TEST REPORTS/GUARANTEE/WARRANTY ETC., AS APPLICABLE/REQUIRED TOGETHER WITH EXPERIENCE LIST TO BE FURNISHED.

II. COMMERCIAL ASPECTS COVERING:

- SCOPE OF SUPPLY
- STATUTORY LEVIES
- TERMS OF PAYMENT
- MODE OF PAYMENT
- DELIVERY TERMS
- TRANSIT INSURANCE
- VALIDITY OF THE BID

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III **DELIVERY:** EARLIEST POSSIBLE DELIVERY TO BE CLEARLY SPECIFIED IN THE OFFER. THE VENDOR MAY ALSO QUOTE THE EARLIEST DELIVERY PERIOD FOR MATERIAL DELIVERY.

IV **DELIVERY TERM**

F.O.R. BHEL – EPD STORES. UNLOADING TO BHEL / EPD.

V **VALIDITY OF THE OFFER:**

60 DAYS FROM DATE OF OPENING OF TECHNO-COMMERCIAL BID, EXTENDABLE TO A MUTUALLY AGREED PERIOD.

VI. **PRICE IMPACT:**

IN CASE, OUT COME OF TECHNO-COMMERCIAL DISCUSSION HAS ANY PRICE IMPLICATION, ONLY CORRESPONDING **PRICE IMPACT** IS TO BE SUBMITTED BY THE VENDOR IN A SEALED COVER WITHIN THE SPECIFIED DATE.

VII **PRICE EVALUATION:**

PRICES SHALL BE CONSIDERED ON LANDED COST BASIS (COST TO BHEL). LANDED COST SHALL BE WORKED OUT ON PRICE QUOTED INCLUDING FREIGHT, EXCISE DUTY AND SALES TAX AFTER TAKING OUT CENVAT AND VAT BENEFIT, AS APPLICABLE. THE COMPARATIVE STATEMENT SHALL BE WORKED OUT ON OVERALL LANDED COST BASIS FOR THE WHOLE PACKAGE.

- d) THE COMPARATIVE STATEMENT OF THE PRICES PREPARED ON THE REFERENCE DATE SHALL REMAIN FIRM THROUGHOUT THE EXECUTION PERIOD. ANY CHANGE IN DUTY & TAX STRUCTURE DURING EXECUTION OF THE CONTRACT WILL NOT BE CONSIDERED FOR RE-RANKING OF VENDORS.
- e) THE LOWEST PRICE RECEIVED AGAINST BHEL TENDER NEED NOT BE COMMERCIALY LOWEST PRICE (L1).
- f) BHEL RESERVES THE RIGHT/OPTION TO REFLOAT THE TENDER IF L1 PRICE IS NOT THE LOWEST ACCEPTABLE PRICE TO BHELL.

VIII. **PAYMENT TERMS:**

ALL PAYMENTS WILL BE MADE BY ELECTRONICS TRANSFER OF FUNDS (NEFT) SYSTEM. THE VENDOR SHOULD FURNISH THE NEFT MANDATE.

- 30 DAYS CREDIT FOR THE ACCEPTED QUANTITY OF GOODS RECEIPT THROUGH NEFT ONLY.

IX **LOADING FACTOR:**

IF THE OFFER IS NOT IN LINE WITH THE TERMS & CONDITIONS SPECIFIED BY BHEL THE FOLLOWING LOADING CRITERIA WILL BE ADOPTED FOR EVALUATION.

A.PAYMENT TERMS

INTEREST @20.75% P.A. SHALL BE COMPUTED FOR THE DIFFERENTIAL PERIOD BETWEEN BHEL TERMS OF PAYMENT AND THAT OFFERED. NO UNSECURED ADVANCE/AGAINST PROFORMA INVOICE WILL BE PERMITTED.



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B. TRANSPORTATION CHARGE & TRANSIT INSURANCE:

AS PER BHEL RATE CONTRACT PREVAILING ON THE DATE OF OPENING OF TENDER.

C. OTHERS:

ANY OTHER COST COMPONENT WHICH THE VENDOR HAS NOT QUOTED. EITHER A SEALED QUOTE FROM THE VENDOR WILL BE OBTAINED OR THE HIGHEST OFFER FOR THAT COMPONENT WILL BE LOADED.

D. BHEL HAS THE OPTION TO DEFER THE SUPPLIES OF ANY PURCHASE ORDER WITH A NOTICE PERIOD OF 20 CALENDER DAYS.

E. IN CASE OF UNSATISFACTORY PERFORMANCE OF QUALITY/DELIVERY BHEL WILL HAVE THE RIGHT TO DISCONTINUE THE CONTRACT IN PART OR FULL.

X. DEVIATIONS:

A SEPARATE SHEET INDICATING DEVIATIONS IN TECHNICAL SPECIFICATION, COMMERCIAL TERMS AND CONDITIONS TO BE ENCLOSED IN PART-A OF THE OFFER. IF THERE ARE NO DEVIATIONS SAME HAS TO BE CERTIFIED AND DULY SIGNED BY VENDOR.

XI. LATE DELIVERY:

IN CASE OF COMPOSITE CONTRACT, FOR ANY DELAY IN SUPPLY AND SUCCESSFUL COMMISSIONING OF THE EQUIPMENT AN AMOUNT OF 0.5 % PER WEEK UPTO A MAXIMUM OF 10% OF THE CORRESPONDING COMPONENT OF ORDER VALUE WILL BE DEDUCTED.

XII. CLARIFICATIONS SOUGHT BY BHEL DURING TECHNICAL & COMMERCIAL EVALUATION

IN CASE BHEL ASKS FOR ANY CLARIFICATION THE VENDOR HAS TO SUBMIT THE SAME WITHIN THE SPECIFIED DATE OTHERWISE THE OFFER WILL BE EVALUATED CONSIDERING THE CLARIFICATIONS, IF ANY RECEIVED, AS ON THE SPECIFIED DATE. NO GRACE PERIOD OR LATE SUBMISSION IS ALLOWED.

XIII. RISK PURCHASE CLAUSE

BHEL, AT IT SOPTION, WILL BE ENTITLED TO PURCHASE ELSEWHERE AT THE COST AND RISK OF THE VENDOR, EITHER THE WHOLE OR PART OF THE GOODS WHICH THE VENDOR HAS FAILED TO DELIVER WITHIN THE STIPULTED TIME. THE VENDOR SHALL BE LIABLE FOR ANY LOSS THAT BHEL MAY SUSTAIN BY REASON OF SUCH RISK PURCHASES. BHEL RESERVES THE RIGHT TO CANCEL THE CONTRACT IN FULL OR PART, IF PERFORMANCE WITH RESPECT TO QUALITY AND DELIVERY IS UNSATISFACTORY AND BHEL SHALL HAVE THE RIGHT TO ENTER INTO CONTRACT WITH OTHER VENDORS AGAINST SUCH CANCELLATION OF CONTRACT AGAINST RISK PURCHASE CLAUSE.

XIV. INSPECTION

INSPECTION OF THE MATERIAL WILL BE CONDCUTED BY BHEL EITHER ON ITS RECEIPT AT BHEL OR AT VENDORS PLACE. IN CASE OF PRE-DESPATCH INSPECTION ADEQUATE NOTICE HAS TO BE GIVEN BY THE VENDOR FOR DEPLOYMENT OF BHEL'S PERSONNEL. BHEL RESERVES THE RIGHT TO WAIVE INSPECTION & HAVE THE RIGHT TO REVIEW THE QUALITY PLAN OF THE MANUFACTURER AND ACCESS TO THE PROCESS DATA OF THE MANUFACTURER. ALL NECESSARY TEST & CALIBRATION CERTIFICATES SHOULD ACCOMPANY SUPPLY.

XV. THE VENDOR SHALL FILL ANNEXURE-2 ATTACHED & SUBMIT WITH THE OFFER (Pg 4)

NOTE ANY TECHNICAL DETAILS/COMMERCIAL T&C IF FOUND IN PART-B (PRICE BID) SHALL BE IGNORED & WILL NOT BE CONSIDERED FOR TENDER EVALUATION & PRIORITY AS THE SAME ARE SUPPOSED TO BE IN PART-A ONLY.



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GENERAL TERMS & CONDITIONS
ANNEXURE- 2

ESSENTIAL CRITERIA OF TECHNO COMMERCIAL OFFER (TO BE FILLED BY VENDOR)

ADDRESS OF THE FIRM			
SL.NO	PARAMETER	BHEL SPEC/RERQUIREMENT	VENDOR'S OFFER
1	Name of Contact person	TO BE MENTIONED	
2	E-mail ID	TO BE MENTIONED	
3	Mobile number	TO BE MENTIONED	
4	Land Line number	TO BE MENTIONED	
5	Fax number	TO BE MENTIONED	
6	Delivery Term	F.O.R.BHEL EPD STORES	
7	Payment terms	30 DAYS CREDIT AFTER RECIEPT OF THE MATERIAL AT BHEL-EPD-STORE FOR THE ACCEPTED QTY	
8	Late Delivery	APPLICABLE @0.5% PER WEEK UPTO A MAXIMUM OF 10% FOR DELAYED SUPPLIES	
9	Risk Purchase clause	APPLICABLE AS PER CLAUSE XIII	
10	Lead time for Supply	45 DAYS FROM PO DATE	
11	Offer validity	60 DAYS FROM DATE OF TENDER OPENING	
12	Tax and Duty Structure	EXCISE DUTY %	
		EDUCATION CESS %	
		CENTRAL SALES TAX %	
		VAT %	
		ANY OTHER	

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SIGNATURE OF THE TENDERER