

BHARAT HEAVY ELECTRICALS LTD.  
ELECTROPORCELAINS DIVISION  
BANGALORE - 560 012



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## Uploading of Tender on www.bhel.com

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Approved By Name: A.K.Sharma

Designation: Sr.DGM/ MM

Tender Ref Number: MM/WEX/BATTERY OPERATED PALLET  
TRUCK-5MT/14-15/ PR NO.50001398

Newspaper Published: NA

Date of Publication: NA

Tender Title: Procurement of BATTERY OPERATED PALLET  
TRUCK-5MT as per Specification WEX/CPBG/PT5.0./2014-15

Tender Type: (Auction / Buy / Sell Empanelment / Service Contract / Works Contract)

Brief Work Description: Notice Inviting Tender for procurement of  
BATTERY OPERATED PALLET TRUCK-5MT as per Specification  
WEX/CPBG/PT5.0./2014-15

Enclosure: (I)Specification:WEX/CPBG/PT5.0/2014-15

(II)General Terms & Conditions

through Web tender.

**Technical Specification for 5.0 Ton Battery Operated Pallet Truck WEX/CPBG/PT5.0/2014-15**

SL No	Description	Range
1	Capacity	5.0Ton
2	Drive Motor/ Pump Rating in KW	>2 kW
3	Drive Type	AC/DC
4	Total Length mm	<2000 mm
5	Total Width mm	850-900 mm
6	Turning radius mm	<1800 mm
7	Drive motor KW	>2 kW
8	Lifting motor kW	>2 kW
9	Travel speed km/h	0-6
10	Lifting arrangement	shall be with lever/Joystick operated attached to the Handle
11	Lowering arrangement	shall be with lever/Joystick operated attached to the Handle
12	Battery	24V , 35-40A Traction batteries
13	Battery Ampere Hour Rating	300 to 350 ah,
14	Fork length	1100 to 2000mm
15	Range of lifting height of the fork with wheels	100-250mm
16	Min height of the fork from ground level with wheels	90 to 120 mm
17	Gap between two forks	250 to 360 mm
18	Maximum distance between two forks including fork width	650-850 mm
19	Maximum width of the fork	200 to 250mm
20	Minimum sheet thickness of the fork	8.0 mm
21	Minimum sheet thickness of the body	4.0 mm
22	Net Weight	Bidders to specify
23	Battery Charger kit I/P Voltage	230V AC, 50Hz
24	Minimum Continuous duty in fully charged condition	4 hrs.
25	Safety	Automatic lift cut off at 80% battery discharge condition,, Emergency power cut-off switch on chassis panel Anti-collision switch on tiller head Hydraulic safety features like pressure relief valve and non return valves Toe guard at the rear Pressure compensated flow control
26	Steering	Easy steering without much effort Steering lock at 90 deg on either side to operate in limited range handle inclinations comfortable to operator
27	Handle	Low hinged for greater maneuverability
28	Tiller Head	Multifunction tiller head with ergonomically arranged operating elements for travel, lift, lowering and horn at finger tips for higher operator comfort and safety
29	Hydraulic system	Compact power pack unit with high pressure pump driven by sturdy motor

*[Handwritten Signature]*  
24/10/14

		Lifting mechanism comprising of low lift hydraulic cylinder and load wheel linkages
30	Brake	Electromagnetic disc brake with hard wearing, asbestos free liner  When the handle is close to vertical or horizontal position, the brake should become operational with simultaneous power cutoff
31	Forks	Robust steel fabricated forks to ensure long lasting and durable service The fork end shall be suitably tapered to provide better maneuverability
32	Chassis	Robust construction with suitable design for stability during turning Shall be suitable for  Swivel side support wheels to provide stability during travel and for safe maneuverability Shall have suitable roller bed for easy removal of batteries
32	Load test	Bidders to provide the facility of full load test at their works

**Qualification criterion :**

Sl. No	BHEL Standard Terms & Conditions	Documents to be submitted by vendor
1	The vendor shall be an Original Equipment Manufacturer (OEM). Dealers have to submit authorisation certificate from	NSIC /authorisation certificate
2	The vendor shall have qualified personnel, their own adequate manufacturing / integrating and testing facilities for the equipment offered.	Company profile and details of qualified personnel to be submitted
3	The vendor should have track record for manufacturing and supplying of 5 ton BOPT in the last 2 years	PO copies to be submitted for atleast 3 supplies made
4	The vendor shall submit audited balance sheet or tax returns or profit loss account for the last 3 years	Copy to be submitted

*[Handwritten Signature]*  
25/10/14



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**Ceramic Business Unit - Electroporcelains Division**  
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**ENQUIRY FOR BATTERY OPERATED PALLET TRUCK-5MTAS PER SPECIFICATION  
WEX/CPBG/PT5.0/2014-15  
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 COMPLIANCE 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 CALENDAR 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 ITS OPTION, 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 STIPULATED 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 CONDUCTED 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	30 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**