

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.DGM1 MM

Tender Ref Number: MM/WEX/BATTERY OPERATED PALLET
TRUCK-5MT/16-17/ PR NO.50001494

Newspaper Published: NA

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Date of Publication: NA

Tender Title: Procurement of : BATTERY OPERATED PALLET
TRUCK-5MT

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
No.WEX/CPBG/PT 5.0 /2015-16 -- QTY - 01 EA

through Web tender.

Technical Specification for 5.0 Ton Battery Operated Pallet Truck

WEX/CPBG/PT5.0/2015-16

SL. No	Description	Range	
1	Capacity	5.0 Ton	
2	Drive Motor/ Pump Rating in KW	>2 kW	
3	Drive Type	AC/DC	
4	Total Length mm	Bidders to specify	
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	
13	Battery Ampere Hour Rating	300 to 350 AH,	
14	Fork length	NOT LESS THAN 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	NOT LESS THAN 8.0 mm	
21	Minimum sheet thickness of the body	NOT LESS THAN 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.	

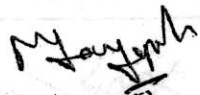
M. Jayapal

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 M. JAYAPALA, Sr. Engineer/WEX-CPBG
 BHEL-EPD, BANGALORE-560 012

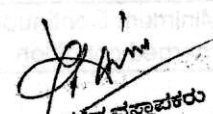
Y. Ravi

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 Y. Ravi, Dy. Manager / wex
 BHEL-EPD, Bengaluru - 560 012
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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	
26	Steering	Pressure compensated fow control	
		Easy steering without much effort	
27	Handle	Steering lock at 90 deg on either side to operate in limited range handle inclinations comfortable to opearator	
		Low hinged for greater maneuvrability	
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	
		Compact power pack unit with high pressure pump driven by sturdy motor	
29	Hydraulic system	Lifting mechanism comprising of low lift hydraulic cylinder and load wheel linkages	
		Electromagnetic disc brake with hard wearing, asbestos free liner	
30	Brake	When the handle is close to vertical or horizontal position , the brake should become operational with silultaneous power cutoff	


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 एम. जयपाल, वरिष्ठ अभियंता/वक्ता
 M. JAYAPALA, Sr. Engineer/
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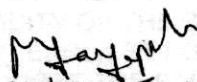
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31	Forks	a) Robust steel fabricated forks to ensure long asting and durable service. b) The fork end shall be suitably tapered to provide better manuevarability.
32	Chassis	a) Robust construction with suitable design for stability during turning b) Swivel side support wheels to provide stability during travel and for safe manuevarbility. c) Shall have suitable roller bed for easy removal of batteries.
33	Drive wheels	Drive wheel materials shall be Polyurethane.
34	Load test	Bidders to provide the facility of full load test at their works

Qualification Criteria:

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 OEM.	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 manufacturing and suppled minimum 2 nos 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


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ENQUIRY FOR ELEC.PALLET TRUCK- 5TON AS PER SPECIFICATION
:EP/WEX/CPBG/PT 5.0/2015-16

GENERAL TERMS AND CONDITIONS

ANNEXURE-ITENDERS SHOULD BE SUBMITTED IN TWO PART BID

PLEASE FILL ATTACHED ANNEXURE-2 (PAGE4) & SUBMIT ALONG WITH YOUR OFFER

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

SR DGM-MATERIALS MANAGEMENT
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 THOSE 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 ANYOTHER 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 BID 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-COPMMERCIAL 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 OPOORTUNITY 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

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:**



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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.

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.

- nn) 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.
- oo) THE LOWEST PRICE RECEIVED AGAINST BHEL TENDER NEED NOT BE COMMERCIALY LOWEST PRICE (L1).
- pp) 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 FROM THE RECEIPT OF THE ACCEPTED QUANTITY OF GOODS AT BHEL EPD STORE 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 @15.70% 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.

B.TRANSROTATION 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.



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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 ANY DELAY IN SUPPLY 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. 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.

XIII. 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.

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



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GENERAL TERMS & CONDITIONS

ANNEXURE- 2

ESSENTIAL CRITERIA OF OFFER

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 GOODS FOR THE ACCEPTED QTY THROUGH NEFT ONLY .	
8	Late Delivery	APPLICABLE AS PER CLAUSE XI.	
9	Risk Purchase clause	APPLICABLE AS PER CLAUSE XII	
10	Lead time for Supply	60 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	

EPD-TENDER BOX IS AVAILABLE AT THE MAIN GATE (RECEPTION) .

SIGNATURE OF THE TENDERER

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