



**BHARAT HEAVY ELECTRICALS LIMITED
SOLAR BUSINESS DIVISION**

DOC No. M&S-MC-EPT-TS

**PURCHASE SPECIFICATION 2.0 T ELECTRIC PLATFORM
TRUCK**

Rev. 01

JUNE 2024

PURPOSE: The Electric Platform truck is required for material handling inside BHEL SBD Factory premises.

SCOPE: Scope involves supply, installation and commissioning of 2.0 Ton Electric Platform truck along with battery charger with the following requirements :

Offer shall be for new equipment and not for any refurbished or used equipment

TECHNICAL SPECIFICATIONS:

SN	SPECIFICATION	VALUE
1	Make	Vendor to Mention
2	Model	Vendor to mention
3	Operation	Seated (Seating Capacity: 2 Persons)
4	Rated Capacity	2000 Kg or more
5	Quantity	3 Nos
6	Platform type	Fixed
7	Max travel Speed	Laden: 6-8 km/hr Unladen: 9-10 km/hr
8	Major Dimensions	<ul style="list-style-type: none"> Platform height : Minimum 500 mm Platform size – Minimum 5 mm (T) X 1000 mm (W) X 1500 mm (L) Overall size (LXBXH) – 3200 mm X 1080 mm X 1500 mm (indicative) Wheelbase: Minimum 1800 mm Battery Compartment: 450 mm x945 mm (Indicative)
9	Tyre	<ul style="list-style-type: none"> 2x2 Tyre Type: Solid tyre Tyre size: Minimum 450 mm Dia X Minimum 125 mm width
10	Drive & Battery	<ul style="list-style-type: none"> Drive motor rating: 2.6 KW or more Drive motor duty: S2=Minimum 60 min Drive type: AC/DC – Bidder to mention Battery Nominal Capacity: Minimum 299 Ah Preferred Battery make: Union/Exide/Amaron/Rocket/Panasonic Charger Single phase, automatic: Charger should be compatible with the battery offered Charging time: 8-10 hours or less Drive Control: Electronic Stepless MOSFET Controller
10	Steering	Suitable Gear mechanism
11	Brake	<ul style="list-style-type: none"> Suitable foot operated hydraulic brakes shall be provided Lever operated hand brake shall be provided as parking brake
16	Accessories	<ul style="list-style-type: none"> Under Voltage Audio Alarm- 1 No Battery Discharge indicator -1 No Seat for Driver -1 No Emergency power Cut off switch -1 No Horn -1 No Ignition Key -1 No Front Light -1 Set Rear Light -1 Set Toolkit – 1 Set Additional accessories as provided by bidder shall be indicated

Prepared By: **MANJUNATH
RAO KATKAR**
Manjunath Rao Katkar

Checked by: **AMARJYOTI
TI SAIKIA**
Amarjyoti Saikia

Approved by: **P
JAYAPRASAD**
P Jayaprasad

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INSPECTION

1 Equipment shall be offered for inspection prior to dispatch at Supplier's Works

INSTALLATION & COMMISSIONING including TRAINING

SN DESCRIPTION

- 1 Supply of the Electric Platform truck shall be at BHEL SBD Bangalore.
- 2 Installation and commissioning at BHEL SBD shall be done by Bidder
- 3 All costs of personnel of the supplier during installation and commissioning including travel costs, hotel and allowance will be borne by the supplier.
- 4 Training on Operation and Maintenance should be provided to BHEL personnel during commissioning
No of persons to be trained : 4
No of days for training : 1

FINAL ACCEPTANCE

Final Acceptance Test

1. • Final Acceptance test shall be carried out after installation and commissioning of the equipment at BHEL

DOCUMENTATION

SN DESCRIPTION

- 1 • Catalogue of the offered model shall be provided along with the quotation
- 2 • Test certificate shall be submitted for motor and controller along with supply
• 3 Sets of O&M Manual, Integrated list of spare parts and their catalogue and all hydraulic and electrical schematic drawing shall be supplied along with equipment.

Prepared By: **MANJUNATH
RAO KATKAR**
Manjunath Rao Katkar

Checked by: **AMARJYO
TI SAIKIA**
Amarjyoti Saikia

Approved by: **P
JAYAPRASAD**
P Jayaprasad

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**TECHNICAL PRE-QUALIFICATION CRITERIA FOR
2.0 T ELECTRIC PLATFORM TRUCK**

Rev. 01 JUN 2024

TECHNICAL PRE-QUALIFYING CRITERIA

1	Bidder should be Original Equipment Manufacturer or Authorized dealer of the quoted item. Bidder to submit company credentials to prove as OEM registration certificate as a manufacturer or any other document to establish that the Bidder is an OEM. If Bidder is an authorized dealer then Valid Dealership certificate shall be provided.
2	Bidder shall have valid ISO 9001:2015 certification. Necessary document shall be submitted.
3	Experience: Vendor should have supply and installation of Electric Platform truck (Working Capacity: Minimum 2.0 ton) . As a proof of experience and competency, vendor shall submit proof of supply and installation of cone blender – Minimum 2 Nos equipment's supplies in last 5 years (from the date of Technical Bid tender opening date publishing this tender). Following documents will be considered by BHEL as proof: a. Purchase Order/ Work order copy and b. Commissioning certificate/ Consignee Receipt & Acceptance Certificate

Note:

BHEL reserves the right for independent verification of the credentials submitted by the bidder and in case of any discrepancy, BHEL reserves the right to accept/ reject Bidder's offer.

Prepared By: **MANJUNATH
RAO KATKAR**
Manjunath Rao Katkar

Checked by: **AMARJYO
TI SAIKIA**
Amarjyoti Saikia

Approved by: **P
JAYAPRASA
P Jayaprasad D**

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DOC No. M&S-MC-EPT-
OITC

**OTHER IMPORTANT TERMS & CONDITIONS FOR
2.0 TON ELECTRIC PLATFORM TRUCK**

Rev. 01 JUN 2024

QUANTITY: 3 Nos

DELIVERY PERIOD: 45 Days from the Date of Purchase Order

WARRANTY

SN	DESCRIPTION
1	12 months from the date of commissioning or 18 months from the date of supply whichever is earlier. During warranty period, equipment must work smoothly. In case of any issues, supplier must provide service and replacement of faulty parts free of cost. Bidder shall provide list of spares that will be replaced during warranty period.

PRICE VALIDITY OF QUOTE: 180 days from the date of Tender Opening (Technical Bid)

Prepared By: **MANJUNATH
RAO KATKAR**

Manjunath Rao Katkar

Checked by:

**AMARJYO
TI SAIKIA**
Amarjyoti Saikia

Digital signed by AMARJYOTI
SAIKIA
DN: cn=AMARJYOTI.SAIKIA,
ou=BHEL, ou=BSI, ou=OpenSSL, c=IN
Date: 2024.06.21 11:35:10
<09:30>

Approved by: **P
JAYAPRASA**

P Jayaprasad

Digital signed by JAYAPRASA
DN: cn=JAYAPRASA.JAYAPRASAD,
ou=BHEL, ou=BSI, ou=OpenSSL, c=IN
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