



**Boiler Auxiliaries Plant,
Bharat Heavy Electricals Limited,
Ranipet - 632406, Tamilnadu, INDIA.**

Enquiry No. & Dt.:

Due date:

Suppliers Ref.:

Date:

Annexure - C to Tender BAP/CAP/2014-15/OT-02: Specification cum Compliance Certificate for **Jumbo Electric Platform Truck (2 Tons)**

Note:-

1. The 'Offered' Column and where applicable, the 'Deviations' & 'Remarks' Column of this format shall be filled in by the Vendor and submitted along with the offer. Inadequate / incomplete, ambiguous or unsustainable information against any of the clauses of the specifications / requirements shall be treated as non-compliance.

2. The offer and all documents enclosed with offer should be in English language only.

Name & Address of the supplier:

Name & Address of the Indian Agent:

Telephone No.

Telephone No.

Fax No.:

Fax No.:

e-mail

e-mail

Scope: Design, Supply & Commissioning of **Jumbo Electric Platform Truck (2 Tons)** complying with the following specification

| S No. | Description - BHEL's Requirement | Specified | Offered | Deviations / remarks |
|------------|---|-------------------|---------|----------------------|
| 1.0 | Scope of supply: | | | |
| 1.1 | Design, Supply & Commissioning of Jumbo Electric Platform Truck (Capacity 2-Tons) at BHEL works. | vendor to confirm | | |
| 2.0 | Quantity required: | | | |
| 2.1 | Jumbo Electric Platform Truck (Capacity 2-T) with battery . | 5 Nos. | | |
| 2.2 | Single Phase Battery Charger suitable for the above jumbo. | 5 Nos. | | |
| 3.0 | Configuration: | | | |
| 3.1 | The platform truck shall have 3 wheels operated through battery, High fixed platform with front & rear suspension. | vendor to confirm | | |
| 4.0 | Platform: | | | |
| 4.1 | The platform shall be made from chequered steel plate of size appr. 1000 mm x 1525 mm bolted to chassis for easy servicing. The rear edge of the platform shall be blended. | vendor to confirm | | |
| 4.2 | Height of the platform from the ground level | 480 mm approx | | |
| 5.0 | Speed: | | | |
| 5.1 | Forward speed when loaded | 6 - 10kmph | | |

| | | | | |
|---|---|---------------------------------------|--|--|
| 5.2 | Forward speed when empty | 9 - 13 kmph | | |
| 5.3 | Gradient (Laden) | 1:15 | | |
| 5.4 | Gradient (Unladen) | 1:10 | | |
| 6.0 Speed Controller: | | | | |
| 6.1 | Stepless speed (MOSFET) chopper controller shall be provided. Hand operated forward and reverse switch shall be provided. Battery low Voltage indicator shall be provided. | vendor to confirm and provide details | | |
| 7.0 Tyres for front and rear wheels: | | | | |
| 7.1 | The tyres shall be of solid rubber non-skid bonded types. Front and rear tyres:435x125mm | vendor to confirm | | |
| 8.0 Brakes: | | | | |
| 8.1 | Suitable foot operated hydraulic brakes shall be provided on rear wheels. | vendor to confirm | | |
| 8.2 | Hand brake shall be provided as parking brake | vendor to confirm | | |
| 9.0 Prime Mover: | | | | |
| 9.1 | The prime mover shall be of totally enclosed, series wound traction motor operated with Class 'F' Insulation. | vendor to confirm | | |
| 10.0 Power Transmission: | | | | |
| 10.1 | Transmission to front wheels through completely enclosed oil bath type gearbox with inspection cover and steering mechanism.. | vendor to confirm | | |
| 11.0 Traction Battery: | | | | |
| 11.1 | Heavy duty Lead Acid traction battery of BUI make 30V, 289 AH or higher AH shall be supplied for each truck.Battery shall be removable easily from the truck | vendor to confirm | | |
| 12.0 Battery Charger: | | | | |
| 12.1 | Suitable single phase Electronic battery charger shall be offered. Technical details and features (like voltage indicator, high voltage cut-off, charging indication, over load protection, power on etc) | vendor to confirm | | |
| 13.0 Inspection: | | | | |
| 13.1 | Equipments shall be offered for inspection prior to dispatch at Supplier's Works. | vendor to confirm | | |
| 14.0 Spares | | | | |
| 14.1 | The vendor shall offer spares for 2 years trouble free operation of the Equipments (Unit price of each item of spare should be offered in the price bid) | vendor to confirm | | |
| 15.0 O & M Manuals: | | | | |
| 15.1 | 3 Copies of Operation & Maintenance Manuals shall be supplied | vendor to confirm | | |
| 16.0 General Points: | | | | |
| 17.1 | Two pole combined charging & running socket to be fitted on the truck. Standard accessories like plastic moulded seat for driver, headlight, tail light, horn, tool kit, ignition key shall be supplied. | vendor to confirm | | |

Vendors' signature with seal