

### Bid Document

| Bid Details  |  |
|--|--|
| Bid End Date/Time                                      | 20-07-2020 16:00:00  |
| Bid Opening Date/Time                                  | 20-07-2020 16:30:00  |
| Bid Life Cycle (From Publish Date)                     | 90 (Days)  |
| Bid Offer Validity (From End Date)                     | 60 (Days)  |
| Ministry/State Name                                    | Ministry Of Railways   |
| Department Name  | Na   |
| Organisation Name                                      | N/a  |
| Office Name  | Stores Ncr Hq  |
| Total Quantity   | 25   |
| Item Category  | battery chargers   |
| MSE Exemption for Years of Experience and Turnover     | No   |
| Startup Exemption for Years of Experience and Turnover | No   |
| Document required from seller                          | Certificate (Requested in ATC)<br>*In case any bidder is seeking exemption from Experience / Turnover Criteria, the supporting documents to prove his eligibility for exemption must be uploaded for evaluation by the buyer |
| Bid to RA enabled                                      | No   |
| Inspection Required                                    | No   |

### EMD Detail

|          |    |
|----------|----|
| Required | No |
|----------|----|

### ePBG Detail

|          |    |
|----------|----|
| Required | No |
|----------|----|

### Splitting

Bid splitting not applied.

## Battery Chargers ( 25 pieces )

### Technical Specifications

[\\* As per GeM Category Specification](#)

| Specification  | Specification Name  | Values  | Bid Requirement (Allowed Values) |
|----------------|---|---|----------------------------------|
| Ungrouped      |   |   |                                  |
| GENERIC        | <b>Charger technology</b>   | SMPS Based  | SMPS Based                       |
|                | <b>Compatibility with battery type (User Selectable)</b>  | Lead acid & Tubular & VRLA-SMF                                    | Lead acid & Tubular & VRLA-SMF   |
|                | <b>Number of Independent charging stations (in numbers)</b>   | 1   | 1                                |
| CONSTRUCTIONAL | Input Voltage Range (VAC)   | 160 volt 270 volt (ISI MARKED POWER CORD TO BE PROVIDED)          | *                                |
|                | AC surge protection   | AC surge protection at Input side with MOV (Metal Oxide Varistor) | *                                |
|                | Soft start and Soft stop feature without inrush current   | Yes   | *                                |
|                | Facility for charging deep discharged battery through pulse charging.                                 | yes   | *                                |
|                | Not to charge battery in case one or more cells are internally short/ Battery voltage less than 10.5V | Yes   | *                                |
|                | Digital display of output voltage and current   | Yes   | *                                |
|                | LED Indication for Charging Status, Charged condition status and reverse polarity                     | Yes   | *                                |
|                | Cabinet Material  | CRCA Sheet  | *                                |
|                | Cabinet Thickness (mm)  | minimum 1.2 mm  | *                                |
|                | Length of Charging Cable for each station. (metre)  | Minimum 1.5 mtrs. Length (ISI MARKED Cable)                       | *                                |

|                |   |   |   |
|----------------|---|---|---|
|                | Size of Charging Cable for each station. (sq. mm)   | min. 6 sq.mm as per IS:694 ISI MARKED FLEXIBLE Cu cable per station   | * |
| FUNCTIONAL     | Battery/battery bank Voltage (Volts)  | 12 Volts per station  | * |
|                | Capacity of the battery to be charged(User Selectable) (AH)   | 7 aH TO 120 aH  | * |
|                | Maximum Charger output current (Amp)  | 12 Ampere per station   | * |
|                | Charging Cut-off Voltage per 12V battery (Volts)  | 14.5 volt +/-0.2 volt   | * |
|                | Efficiency (%)  | > / = 75%   | * |
|                | Ripple (Peak to Peak at Full Load) (millivolts)   | <100  | * |
|                | Reverse Polarity Protection   | Yes   | * |
|                | Short Circuit Protection  | Yes   | * |
|                | Over Current Protection   | Yes   | * |
|                | Over voltage cutoff protection  | Over voltage protection at 280 volt at input and automatic recovery at 270 volt when the voltage is reduced from 280 volt | * |
|                | Cut-in voltage for charging a discharged battery (Volts)  | Cut-in voltage shall be 10.5 Volt   | * |
|                | Cut-off voltage for charging a discharged battery (Volts)   | Cut-off voltage shall be 14.5 V + / - 0.2 Volt  | * |
|                | Minimum operating temperature (Degree Celsius)  | -10   | * |
|                | Maximum operating temperature (Degree Celsius)  | +55   | * |
| CERTIFICATIONS | Availability of Type Test Report from Central Government /NABL/ILAC Accredited lab To prove conformity to the specification | Yes   | * |
|                | Type Test report No.  | -   | * |
|                | Test report date  | -   | * |

|                |   |   |
|----------------|---|---|
| Name of Lab    | - | * |
| Address of Lab | - | * |

\* Specifications highlighted in bold are the Golden Parameters.

\* Bidders may note that In respect of non-golden Parameters, the specifications 'Values' chosen by Buyer will generally be preferred over 'Bid requirement ( allowed Values) by the Buyer.

#### **Additional Specification Documents**

#### **Consignees/Reporting Officer and Quantity**

| S.No. | Consignee/Reporting Officer | Address   | Quantity | Delivery Days |
|-------|-----------------------------|---|----------|---------------|
| 1     | Rajesh Kumar                | 284001,SSE/Tele/BL/JHS<br>Near DRM office North<br>Central Railway Jhansi | 25       | 15            |

#### **Bid Specific Additional Terms and Conditions**

1. Scope of supply (Bid price to include all cost components) : Only supply of Goods

[This Bid is also governed by the General Terms and Conditions](#)

**---Thank You---**