

Consultative Meeting Notification 94/2017

**Buyer-seller consultation on Battery Charger dated
13.12.2017**

Presented by :

Date :



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Meeting held on 13th December 2017 for Battery Charger items with sellers and buyers.

Seller's participants:

- M/s. FELIDAE INDIA SOLUTIONS
- M/s. HBL POWER SYSTEMS LTD.,
- M/s. HAE PVT. LTD.,
- M/s. SIRIKINS POWER SOLUTIONS PVT. LTD.,
- M/s. MULTI TECHNO SERVICE, GURGAON
- M/s. MEDIHELP HEALTH CARE
- M/s. AARKEY INDUSTRIES
- M/s. RS POWER SYSTEMS PVT. LTD.,

Buyer participants:

- COMMANDANT, CRPF

Following **Golden parameters** were decided based on the suggestions and discussions:-

- Charger technology
- Compatibility with battery type (User Selectable)
- Number Of Independent charging Stations (Nos.)

■ Changes were decided based on the suggestions and discussions:-

Existing Parameter	Changes Suggested and finalized during Consultative Meeting
■ Battery/battery bank Voltage (Volts): 12V, 24V, 36V, 48V	Only 12 Volt per station Rest to be deleted
■ Capacity of the battery to be charged(User Selectable) (AH) (Must Declare)	Minimum 7 Ah to Maximum 120 Ah batteries
■ Maximum Charger output current (Amp) – Must Declare	Maximum 12 Amps per station
■ Number Of Independent charging Stations (Nos.) – Must Declare	No. of Independent charging stations shall be 1, 3, 5
■ Charging Cut-off Voltage per 12V battery (Volts) – Must Declare	14.5 VOLT + / - 0.2 volt



■ Input Voltage Range (VAC) – Must Declare	160 volt 270 volt (ISI MARKED POWER CORD TO BE PROVIDED)
■ Efficiency (%) – Must declare	Minimum 75%
■ Ripple (Peak to Peak at Full Load) (mill volts)	Less than 100 mV
■ AC surge protection with MOV - Yes	AC surge protection at Input side with MOV (Metal Oxide Varistor)
■ Over voltage cutoff protection - Yes	Over voltage protection at 280 volt at input and automatic recovery at 270 volt when the voltage is reduced from 280 volt
■ Facility for charging deep discharged battery through pulse charging – Yes / No	‘NO’ option to be delete
■ Cut-in voltage for charging a discharged battery (Volts) – Must declare	Cut-in voltage shall be 10.5 Volt
■ Cut-off voltage for charging a discharged battery (Volts) – Must declare	Cut-off voltage shall be 14.5 V + / - 0.2 Volt
■ Cabinet Thickness (mm) – Must declare	Minimum 1.2 mm
■ Length of Charging Cable for each station. (metre) – Must declare	Minimum 1.5 mtrs. Length (ISI MARKED Cable)
■ Size of Charging Cable for each station. (sq. mm) – Must declare	Minimum 6 sq.mm as per IS:694 ISI MARKED FLEXIBLE Cu cable per station
■ Minimum operating temperature (Degree Celsius) – Must declare	-10 degree C
■ Maximum operating temperature (Degree Celsius) – Must declare	- +55 degree C
■	-

Suggestion from Buyer:

All the test reports and certificates shall be uploaded on GeM portal by the seller and reports shall be available on line / on Web site for buyer's verification.

Regards



GeM-Admin