



**Bharat Heavy Electricals Limited**  
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**SUBJECT- Corrigendum-1 to Enquiry 378G002**

**DATE: 17.04.2018**

1. Project : PGCIL Medinipur Jeerat
2. Equipment / Item : 220V & 48V VRLA Battery
3. Enquiry No. / Date : 378G002 Dtd. 12.04.2018 Due on: 08.05.2018

With reference to the above tenders, kindly note the following corrigendum in technical specification:

- Refer section 2 of tech spec alongwith load cycle.

**Bidder shall furnish calculation in support of battery sizing, selection of number of cells, float and Boost voltages during detailed engineering for Owners acceptance. Battery sizing calculations shall be done as per IEEE- 485 on the basis of following duty cycle:**

	Load	Duration	Type Of Loads
220V DC System	Continuous Load	3 hours	Relays, IEDs, Station HMIs, spring charging, Isolator interlocking load, Miscellaneous permanently connected loads etc.
	Emergency Load	1 hour	Substation emergency lighting loads.
	Momentary Load	1 minute	Breaker closing, Tripping loads (taking simultaneous occurrence as per system)
48V DC System	Continuous Load	3 hours	Continuous load associated with PLCs.(when speech is not working)
	Momentary Load	15 minute	Loads associated with PLCs (when speech is working)

Battery Type	Current in Amp	Time in Mins
48V Load Cycle	116.84	165
	146.04	15
Battery Type	Current in Amp	Time in Mins
220V Load Cycle	73.68	120
	81.4	59
	623.13	1

Opening of the tender shall be at 2:30 PM on 08.05.2018.

*Asish*  
17/4/18  
Engineer (TBMM)