

**Center for Railway Research**

**CORRIGENDUM-II**

**Name of Work:** Supply, Erection, Testing & Commissioning Of Variable Frequency Drives (VFDs) and TWO 160 kW Motors in Motor-Generator Configuration

**Tender Reference Number:** IIT/SRIC/ CRR / BRE/ VR/2017-18/EQ-1, **Dated:** 19.09.2017

- (1) In page 2, for power meter, “accuracy class: 0.2S (IEC 62053-22)” ***may be replaced with*** “accuracy of 0.5% of FSO or better”.
- (2) In connection to this tender, in page8, in description for power meter “Supply voltage: 100 - 480 V,  $50 \pm 5/75 \pm 5$  Hz, Accuracy class: 0.2S, IP52 protection. Measurement accuracy:  $\pm 0.5\%$  apparent power  $\pm 0.05\%$  frequency,  $\pm 0.2\%$  active energy,  $\pm 1\%$  reactive energy,  $\pm 0.2\%$  active power,  $\pm 0.1\%$  voltage,  $\pm 0.05\%$  power factor ,  $\pm 0.15\%$  current” ***may be replaced with*** “Supply voltage: 100 - 480V ,  $50 \pm 5/75 \pm 5$  Hz, Measurement accuracy for voltage, current, power, frequency of 0.5% of FSO or better”
- (3) **Remote mode control is for VFDs (pages 4 and 5) is OPTIONAL.**
- (4) In page 6, for VFDs, “Overloading: 150% of VFD rated current for 30s or more” ***may be replaced*** with “Overloading: 120% of VFD rated current for 60s or more”.

All other terms and conditions remain the same.

Dr. Vikranth Racherla  
Associate Professor  
Mechanical Engineering  
IIT Kharagpur