

## Specifications of DC Transducer

The DC transducer (DCT) are of two types.

- (i) Voltage
- (ii) Current The Dc Transducer are required to measure battery charger current & voltage shall be suitable for 20% continuous over load and shall be able to withstanding 20 times the normal current rating for a period one second. The DCT shall be able to accept the input upto 120% of the nominal voltage. The DCT shall have low VA burden. DCT shall be mounted in the interface cabinet to be supplied by the contractor. The accuracy of transducer shall be  $\pm 0.5\%$

DC Transducers must have RS485 communication ports for direct connection to SCADA systems with Modbus RTU protocol.

All cabling, mounting and interfacing shall be in bidders scope.