

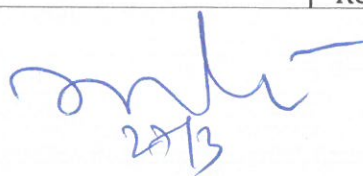
A.Scope of Section project pertaining to PMU & associated items works for Substation Packages under TBCB/RTM/Consultancy projects

Phasor Measurement Unit:

- 1.The broad Scope of the procurement of PMU shall include planning, designing, engineering, supply, transportation, insurance, delivery at site, unloading handling, storage, installation, termination, testing and demonstration for acceptance, commissioning, and documentation for PMU as per BPS.
- 2.The PMU shall comply with latest version of IEC/IS 60255-118-1-2018 and IEEE C 37.118.2 protocols standards.
- 3.The PMU shall be integrated with Phasor data Concentrator (PDC) at respective Regional Load Despatch Centre (RLDC)/ State Load Despatch Centre (SLDC).
- 4.The Contractor shall extend technical support at Substation end for seamless integration of PMU with PDC at respective RLDC/SLDC end. The integration work at RLDC end will not be under the scope of the Contractor. The PDC at RLDC/SLDC is of M/s GE make.
- 5.The PMU supplied in this project shall support measurement of voltages and currents of at least 2 feeders/bays.
- 6.All cabling and interconnections for extension of CT/CVT, Digital inputs from the Line Bays, ICTs/Reactors/STATCOM bays up to PMU panel for measurement by PMU, shall be in the scope of the Contractor. Accordingly, the associated 1.1KV Control cables as required for Non-Adjacent Inter- Control and Relay panel (CRP) CT /PT connections & Digital input connections to PMU panel shall also be under the Contractor's scope. The scope of these cabling work (supply, laying & termination), as applicable in subject project, shall be deemed to be included in price of PMU equipment.
7. Validity of Type Test for PMU shall be as per CEA Guidelines January 2026.

B.TS Rev applicable for PMU & associated items

Sl. No.	Description	Revision
1.	Section – PMU	Rev. 01

 Revision date-27/3/2024