

MOM of PRE-BID meeting for Supply, Installation, Testing and Commissioning of Numerical Relays with Adaptation Material held on 08th July 2020

MEMBERS PRESENT

Participants

Mr.Avinash Kulkarni, M/S Siemens Ltd
 Mr.Kailash Prabhu, M/S Siemens Ltd
 Mr.Anil Shiddhesh, M/S ABB Ltd
 Mr.Sameer, M/S ABB Ltd
 Mr.Chetan Chandratre, M/S Schneider Electric Ltd
 Mr.Ruturaj Gadekar, M/S Schneider Electric Ltd

FOR M/S AEML

Mr.Ganesh E.Patil
 Mr.Somit Kumar
 Mr.Suresh Patil
 Mr.Ketan Bhagat
 Ms.Shraddha Kawle
 Mr.Mahesh Doiphode

Following Points clarified to All participants as per Query raised.

1. Relay Quantity and variety required as per type of feeders explained using BOQ. Purpose of Relay's are as follows:

Material code	Description	Application
2100181206	RLY,NUMERICAL,FDR MANAGEMENT RLY,61850	61850 relay of OG Panels
2100181206	RLY,NUMERICAL,FDR MANAGEMENT RLY,61850	61850relay for common station signals
2100181207	RLY,NUMERICAL,CAP PROTN,61850	61850 relay of Capacitor Panels
2100181208	RLY,NUMERICAL,MULTIFUNCTION,61850	61850 relay of Buscoupler Panels
2100181208	RLY,NUMERICAL,MULTIFUNCTION,61850	61850 relay of 11kV Incomers Panels
2100181208	RLY,NUMERICAL,MULTIFUNCTION,61850	61850 relays of 22-33kV Incomer Panels (O/C+E/F)
2100181209	RLY,NUMERICAL,TRAFO PROTN,61850	61850 relays of 22-33kV Incomer Panels (Transformer Protection- DIFF, REF, SEF etc.)

2. Power 'BO' Requirement explained for C.B control (All Trip, SCADA close and SCADA Open) shall be sufficiently rated (Making, Breaking and Continuous) for direct actuation of closing tripping coil's of C.B. These C.B. are in service for good number of years, so at times they may behave sluggishly or fail to operate, in such scenario BO contact shall not give away.

3. Conformal Coating is required in all supplied Relays.
4. All Bidders asked for Visiting actual Site for understanding Site requirement, like C & R panel arrangement, wiring, drawing and physical space for housing the relay etc.
5. TER Annexure copy shall be loaded on server, Bidders need to download it and submit along with Tender documents with compliance.
6. Tools and Instruments required for ITC work shall be in the scope of Bidder.
7. Tools required to prepare ICD/ SCD must be supplied with the material for SCADA Integration and If tool requires any license the same shall also be supplied with perpetual validity.
8. Arc flash protection and Digital RTCC not required as mentioned in Switchgear Specification.
9. Outage arrangement and Expected problems in respect to Outages explained to all Bidders. Bidder shall deploy multiple teams at multiple sites simultaneously.
10. All the Material delivery location will be AEML Central Store. All material belonging to one site shall be packed together in one package with clear labeling.
11. Integrated FAT requirement explained in detail. Arrangement of ethernet switches, LAN cables, establishing connectivity as per the actual site plan shall be made available at Relay works. RTU supplier will bring RTU to IFAT location for complete integration.
12. Integrated FAT will be conducted for all Relays with 100% signals. However, AEML may revise the modalities of Integrated FAT based on the assessment of prevailing situation.
13. Type of Wiring LUG's must be supplied as per Different site requirement, but quantity will be limited to BOQ.
14. Complete adaptation Material need to be supplied and it will not be on returnable basis.