

SUBSTATION PACKAGE UNDER DEVELOPMENT OF 630MW BARETHI SOLAR PARK  
(Domestic Competitive Bidding)  
IFB No.: NRE-CS-5793-004(SS)-9 Date: 31-10-2023  
ETS Portal Tender Search Code: NTPCREL-2023-TN000018  
Bidding Document No: NRE-CS-5793-004(SS)-9

**Brief Scope of Work:**

1. Design, Engineering, Supply, Erection, Testing & Commissioning of
  - a. 400 kV AIS Park Pooling Station (05 AIS Bays) with 02 nos. 315MVA, 400/33-33kV type tested Tie Transformers and associated SAS and Protection.
  - b. 02 nos of 33 kV Pooling Switchgear of 315 MVA (+10%) Capacity.
2. Installation of Common Power Plant Controller and Grid Compliance Study for Solar plants associated with above Park Pooling Substation.
3. Installation of  $\pm 50$ MVAR Dynamic Reactive Compensation Equipment's integrated with 33 kV Switchgear.
4. Supply and Installation of various Monitoring equipment associated with Tie Transformer.
5. Supply of Mandatory Spare.