| **Sl. No** | **Reference/ Clause no** | **Description** | **Bidder's Queries** | **POWERGRID’s reply** |
| --- | --- | --- | --- | --- |
| 1. | Section Project\_SS-134 | System Architecture | Kindly share the latest/final System Architecture | The Typical Architecture of SAS (with Process Bus is indicated at Section - SAS R4. The System Architecture of Malerkotla S/s shall be shared during detailed engineering with successful bidder. Bidder to Quote as per the requirement of Bidding Documents. |
| 2. | Section Project\_SS-134 | Time synchronizer capable for PTP & PPS along with time distribution racks to be supplied and commissioned under present scope. | We understand that present bay (400kV) shall be connected with existing Time synch. Network. Supply of new Time synch system is not in present scope. Kindly confirm. | Bidder to quote as per requirement of Bidding Documents. |
| 3. | Section Project\_SS-134 | Augmentation of existing switches (both process bus and station bus networks) to be done to accommodate proposed bays is covered under present scope. New network panels including high speed switches to be supplied if it is not possible to integrate in the existing networks. | Ethernet switches for Process Bus & Station bus shall be mounted in Protection and Relay panels. We do not envisaged supply of separate Network panel. Kindly confirm. | Bidder to quote as per requirement of Bidding Documents. For better understanding bidder are advised to visit Malerkotla S/s. |
| 4. | Section Project\_SS-134 | 220kV Busbar Protection | Kindly confirm the availability of CT/IO modules in existing Busbar protection relay for present bay. Our scope is limited to re-configuration of the same | Please refer clause 2.2.1 2),b,1 of Section Project. " The present scope shall cover supply, necessary modifications, wiring and  commissioning for completion of the bus bar protection scheme. Any modification  required in the existing protection scheme is also included in the present scope.  Items & components as required, for completion of 220kV bus bar augmentation,  cost of the above is to be quoted under respective item available in Installation  schedule of BPS" |
| 5. | Section Project\_SS-134 | 220kV PSTCL side | We do not envisaged any Integration scope in existing system at PSTCL side. Kindly confirm. | Bidder Query is not clear. Bidder to quote as per requirement of Bidding Documents. |
| 6. | Section Project\_SS-134 | MU & SGC | We are proposing MU cum SGC for present bays (Similar latest Navsari project). Kindly accept. | Bidder to quote as per requirement of Bidding Documents. |
| 7. | Section Project\_SS-134 | Specific requirement for Process bus-based SAS is attached at Annexure. | Annexure is not provided. Kindly share the same. Annexure-III of Section Project is not related to Process Bus requirements. | Please refer clause 7 of Section -SAS R-4 |