| **Sl. No.** | **Volume/ Section/ Clause** | **Description as per Bid Document** | **Bidder’s Query / Clarification** | **POWERGRID’s Reply** |
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|  | Extension of 220kV Raigarh Substation (with GIS bays) | | | |
|  | Section Project 2.2.4  Extension of 220kV Raigarh Substation (with GIS bays)  Page 29/41 | 'a) The existing 400/220 kV Raigarh is an AIS Substation with Double Main and Transfer Bus switching Scheme in 220kV  b) Existing 220kV AIS Main Buses shall be connected to GIS Buses of New GIS with Double Main Busbar scheme being provided under present scope | There is extension of bus bar from AIS to GIS for 220 kV at Raigarh which is in Double bus bar configuration. However, the disconnectors will not be able to withstand such high bus transfer current generating from AIS side. Hence, we propose an additional circuit breaker GIS bay as bus coupler to mitigate the high bus transfer current at the AIS side.  Additional GIS Bus Coupler shall be included in price schedule. Accordingly, we request you to modify the price schedule. | At Raigarh Substation, GIS connection with the AIS Bus is envisaged immediately after the location of Bus Coupler. In present case GIS Disconnector will come across the bus transfer current duty for GIS portion only, not the AIS portion.  The location of GIS portion in switchyard is envisaged considering the loop length between bus coupling point and disconnector to be operated within the limits specified for GIS. |