

Clarification No-II dated 08.03.2019 to the Bidding Documents for Transformer Package-TR08 for 10 x 500 MVA, 765/400 kV 1- Phase ICTs at Fatehgarh-2 (Jaisalmer) Substation under Transmission Scheme for Solar Energy Zones in Rajasthan [Specification No: CC-CS/912-NR1/TR-3937/3/G10]

| S. No. | Clause No. | Description as per the bidding document | Bidder's Query | POWERGRID's Reply |
|--------|------------|---|---|--|
| 1. | TR-08 | 1) 10 X 500 MVA, 765/400 kV 1- Phase ICTs Establishment of new 765/400 kV Fatehgarh-II PS. | We request you to please inform the Details of Existing RTCC schemes/Digital RTCC relays to finalise matching digital RTCC relays requirements including the make of Digital RTCC relay. | Present scope is for a new Substation; hence bidder is required to provide necessary Digital RTCC Panel & Relays in line with requirements of Technical Specification. |
| 2. | --- | --- | In the endeavour to get quality product Load loss, I2R loss and Eddy & Stray losses were fixed in the meeting with CEA (Central Electricity Authority) along with PGCIL, NTPC, NHPC and various transformers and reactors manufacturer. We welcome this step taken by M/s PGCIL along with CEA. M/s PGCIL has come up with huge requirement of transformers under subject package. Requesting M/s PGCIL to implement the losses (I2R and Eddy & Stray) in the ongoing/subject tender also. | Bidder shall quote as per provisions of Bidding Document. |
| 3. | --- | --- | We would like to highlights that for standardization of Transformers & Reactors where POWERGRID is leading the discussions on standardization of losses for all ratings of Transformers and Reactors alongwith CEA. We understand that it has been decided in this discussions to seek split of losses of I2R and Eddy + stray losses from all bidders. Further for this rating of 500 MVA, 765 kV Transformer the split up is fixed as : Load Loss = 450 kW I2R = 330 kW Eddy + Stray = 120 kW NLL = 70 kW | Bidder shall quote as per provisions of Bidding Document. |

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| | | | <p>While current tender specifies No Load and Load loss as per above. However, I²R losses and stray loss needs to be specified for level playing field.</p> <p>We request to incorporate this as an amendment in this tender as this is a critical Transformer with bulk quantity and is expected to be in field for more than 20 years and every improvement should be taken into consideration</p> | |
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