

Clarification No-I to the Bidding Document 420kV Reactor Package 4RT-10-BULK (AM) for procurement of 10 x 125 MVAR, 420kV Reactors under Corporate Package for Bulk Procurement of 765kV & 400kV class Transformers and Reactors of various Capacities (Lot-6) Spec. No: CC/NT/W-RT/DOM/A10/25/12497

Sr. No.	Clause Reference	Clause Description	Bidders' Query	POWERGRID's Reply
1	Section Project, Rev 01 420Kv Reactor Package- 4RT-10-BULK (AM) for procurement of 10 x 125MVAR 420kV Reactors	Clause No. 8.1 Reactors for Maharanibagh GIS and Bagpat GIS station shall be suitable for GIS SF6/Oil Interface. The design of these reactor units shall be suitable for replacement of existing reactors without any modification of existing terminations.	In our present design, Reactor total loss & I2R losses are fixed, whereas old designs may differ in losses/design. In present design radiator is tank mounted, Moreover, earlier 125R design have cooling by bank mounted radiator. Hence to match with existing radiator, SF6 busduct and foundation. kindly provide the following information: 1. Site Yard Layout 2. 420 KV oil to SF ₆ bushing drawing. 3. Outline General Arrangement (OGA) 4. foundation Plan	It is mentioned that the design of these reactor units shall be suitable for replacement of existing reactors without any modification of existing terminations. Accordingly, Bidder to quote as per Technical specification requirement. Further bidder may visit sites to get acquainted with existing reactor parameters- like Bushing terminations, Foundations, Cooler bank type & locations etc. All required details of existing Reactors shall be shared with successful bidder during detailed engineering.
2	General	General	a) Keeping in view of site constraint Bank mounted radiator to be allowed: Kindly confirm b) Testing shall be done at factory premises with oil to air bushing: Kindly confirm c) Modification in foundation plan may be required: Kindly confirm	a) Design of these reactor units shall be suitable for replacement of existing reactors without any modification. B) The same shall be acceptable subject to test bushing parameters are acceptable c) Design of these reactor units shall be suitable for replacement of existing reactors without any modification.
