

Establishing of 2X 50MVA, 132/ 33kV GIS Substation (including of IEC-61850 based automation system) at existing 33kV Substation MNIT (Jaipur) including Supply of All Equipments/ Materials, Erection (Including Civil Works), Testing and Commissioning

Specification No: RVPN/ EHV/ TN – 276

Replies to queries-III

S. No.	Clause/ Vol.	Query	RVPN Reply
1	DRG. No.-2	The switchyard dimensions are not given in the drawing DRG. No. 2-GA/ Layout Plan of Proposed S/S at existing 33kV Substation at MNIT. Please provide the dimensional layout & sectional drawings.	Please refer the Drawing with DRG No. 5 & 7.
2	DRG. No.-2	Please provide the type of trench sections for the trench layout shown in Drawing DRG No. 2.	Please quote as per Quantity and Unit rate required in Schedule-B3.
3	Schedule-B	In Schedule – B1 , serial no. S-XIII & S-XV (1) “132kV outgoing bay interconnection” at 220kV IGN substation – layout drawing is not given. Please provide the dimensional layout and sectional drawings.	Already replied under clarification vide letter No. 1428 dated 21.07.10 at S.No.44 .
4	DRG. No.2	132kV incomer line was not shown in the given layout drawing DRG. No.2. Please provide.	Please refer clause no. 2.11, b, iii, feeding/ outgoing line details for proposed GIS substation (MNIT) are mentioned clearly.
5	Clarification	We presume that line side tension insulator and line side shield wire tension clamp not in our scope.	Confirmed
6	Control Room Drawing	Control Building/ GIS Hall: For incoming cables – cable galleries below GIS room required to take cables. These are not shown in the control room drawings.	Tender purpose drawings given with bid documents. Detailed engg. drawings to be developed by successful bidder and to be approved by Nigam before execution.
7	Schedule-D & Cl. 2.1.1 (Vol-II, P-I), Project	In Technical particulars of Equipments (i.e. CB, Isolator, CT etc.) short time current given as 31.5kA for 1sec. for 132kV and 25kA for 1sec. for 33kV. In Volume-II, Part-I – Project under clause 2.1.1 the short time current is given as 31.5kA for 3sec. for 132kV and 33kV. Please clarify.	Please refer Clause 10, Vol-I, Project, “In case of any discrepancy between Part-PROJECT, Part-GTR/GTC and other technical specifications on scope of work, Part-PROJECT shall prevail over all other sections”
8	Clarification	Please provide the CT details for Bushing CTs and Neutral CTs (both on HV & LV side) for 50MVA, 132/ 33kV Power Transformer.	Please refer Clause 5.7.3, Section-I along with Clause 9.1, e, Section-V. (Technical specification), the Bushing CTs of Power Transformer shall be suitable for REF Protection of Transformer.
9	Clause 5.2, Section-VI & Annex. – V2-P3-S6-2	In Section-VI – under clause 5.2 principal parameters of CVT: Parameters shown only for 2 cores but in annexure – V2-P3-S6-2, it is given as 3 cores. Please clarify.	Please adhere to specification detailed in Annexure-V2-P3-S6-2.