



Corrigendum: TECHNICAL III

Tender Id: 2022_FACT_730322_1

Tender No. 04026/2022-2023/E26478

Name of Work: Supply and installation of Electrics for providing power supply to Ammonia storage system at FACT CD.

Point wise reply on clarification sought by Bidders

Sl No	Pre-bid Query	FACT Reply
1	<p>Regarding rated short circuit breaking current of 26.3 kA for 1 sec,</p> <p>a) ABB has quoted for HT Switchgear as follows: "3.3kV 630Amps 21kA for 3 sec. SF6 insulated Non-Extensible Compact switchgearalong with Air insulated metering of class 1.0. Interconnection between HT switchgear and transformer shall be using 1Cx3x95 sq.mm Al. unarmoured XLPE Cable". ABB clarification: They are having type tested design Compact Substation (CSS) as per IEC-62271-202-IAC-AB, with compartmentalized design of HT, Transformer, LT and having GI enclosure with HDG base frame. In the offered CSS, HT side shall be SF6 gas insulated encapsulated, motorized Ring Main Unit (RMU) with 1 No. LBS as incomer and 1 No. VCB for transformer and 1 No. Metering Cubicle for CT/PT with rating of 11kV, 630A, 21kA, 3 sec, Type – CV + MET.</p> <p>b) Schneider has quoted for HT Switchgear as follows: "HT Side – 3.3kV (11kV), STC-21kA/1sec, 2 Way Motorized RMU – M+CT2 (1 LBS + 1 VCB fixed type for Trafo protection with self-powered relay).....".</p> <p>c) Kirloskar has clarified that the STC of RMU is 21 kA / 1 sec.</p> <p>Clarification required. No Vendors have agreed with rated short circuit breaking current of 26.3 kA for 1 sec.</p>	<p>For Query a,b,c : HT side VCB/RMU with 21kA/1 sec is not acceptable as per enquiry specifications</p>
2	<p>Vendors have clarified that they are not having Type Test Certificate of 3.3 kV / 433V transformer.</p> <p>ABB clarification: ABB has clarified that SF6 gas insulated encapsulated tank of HT side RMU consists of all power contacts embedded and only cable bushing is in Air Insulated. RMU design is type tested with 21 kA / 3 sec Short Time Current (STC) and in such a way that CSS is also fully type tested with HT side RMU. It is also explained that the said CSS is fully type tested for 12 kV with necessary impulse basic insulation level, and FEDO requirement is only 3.3 kV. Hence the offered CSS is sufficient in all aspect of technical parameters.</p>	<p>11kV/433V type test certificate is acceptable.</p>

All other Tender Terms and conditions remains unchanged