



## Response to Pre-Bid Queries

**Tender Enquiry No. TPNODL/OT/2022-23/2500000049 Dtd. 27.06.2022**

**Tender Description: Rate Contract For Procurement of "LT Air Circuit Breaker 400 Amp"**

The pre-bid queries as received against the referred tender enquiry and TPNODL's responses on the same are placed below:

S. No.	Tender Reference	Bidder's Pre-Bid Query	TPNODL's Response
1	Technical Specification 19 Page No. 38 & 39	Need dimensions of LT ACB Panel Variation in Dimension will create a problem in costing.	Separate document attached for approximate dimensions.
2	Scope	This Specification covers the design, manufacture, testing at works and supply of 4000A ACB Please Clarify rating	400A LT ACB
3	GENERAL TECHNICAL REQUIREMENTS	Rated Insulation voltage (Ui)-1100V AC, Sr. No-11 1000V AC	Need to comply as per specs
4	ACB Ampere rating	400, 630, 800A Please Clarify qty for each rating- 400, 630, 800A	400A LT ACB – 450Nos.
5		IP 55 or above for Relay cabinet, Sr. No-21 IP54 for ACB with Transparent Cover	IP 55 or above for Relay cabinet IP 55 for enclosure IP 54 ACB
6		Poles orientation should be B-Y-R-N as viewed left to right from back side, Sr. No-36 3P or 4P required, Neutral CT also required in case of earth fault. Pole orientation Ok.	3P, Neutral CT required
7		Locking, Sr. No-38 Pad lock / Key lock for ACB and Door lock for enclosure	Pad lock for ACB and Door lock for enclosure
8		Voltage Indication, Sr. No-39 RYB Lamp indication shall be provided	OK



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9		Mechanism Interlocking, Sr. No-40 If its needed for fixed ACB	Breaker interlock with the front (Bottom door) & back door need to be provided. Transparent bakelite sheet shall be provided for back door & front bottom door. Drawing attached for reference. Canopy shall be provided for Louvers.
10		"Limits of voltage for the satisfactory operation of the following devices as % of nominal voltage, Sr No-43" "Trip coil - OK Close Coil - 85%-110% Motor - 85%-110%, Please confirm supply voltage."	Need to comply as per specs, Supply voltage 240V AC
11	AIR CIRCUIT BREAKERS	For safety of operator, the ACB shall be totally front shielded with an escutcheon cover, while maintaining the required IP55 IP54 Transparent cover	IP 55 or above for Relay cabinet IP 55 for enclosure IP 54 ACB
12		Circuit Breaker shall be with position and door interlocks, required no. of Auxiliary contacts, isolating contacts, closing and shunt releases, spring charge motor, safety interlocks, barriers, mechanical indicators, push buttons etc. required for safe and reliable operation.  Position Interlock for Fixed Circuit Breakers	Position Interlock not required
13	DRAWINGS AND DOCUMENTS	DRAWING (General Arrangement shall be as per drawing. However, dimensions are subject to change as per Manufacturers type tested design while maintaining required clearances and relevant Specification) Please share clear GA Drawing for enclosure for reference and any other specific test for enclosure.	Separate document attached for approximate dimensions.



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14	General	Tender Enquiry Diversion ABB may Authorize its Channel Partner to participate in the tender.	OK
15		Sub-Contracting Shall be allowed.	OK

**Note: - This document shall form an integral part of tender and should be submitted along with the tender document.**

