

Minutes of Meeting

Pre-Bid Discussion for RC for Supply of 3 Phase Distribution Transformers upto 63kVA on 04th May 21

Tender: TPCODL/P&S/NEW DT-UPTO 63/100000011/20-21 (25 KVA and 63 KVA 3 Phase Transformers)

Sl. No.	Clause description	Description as per Bid Document	Query	TPCODL Response
1	Clause No.5&5.4/Page No.5&10.	<p>As Per Clause No.5.0.General Constructions:</p> <p>The transformer shall be double-wound, Aluminium coil, oil immersed, naturally cooled (ONAN) and sealed type with rectangular tank.</p> <p>As Per clause No.5.4.Transformer Tank:</p> <p>The transformer tank should be round and made of good quality, electrically tested welded mild steel sheet of adequate thickness suitably stiffened to provide sturdy and robust construction to withstand extreme pressure conditions.</p>	<p>We wish to bring to your kind notice that for stacked core construction we will proceed with Rectangular tank and for wound core design with Round Tank.</p> <p>Kindly confirm.</p>	<p>1) For 1Phase 16KVA & 25KVA transformer Core s shall be wound Type, Aluminium coil, oil immersed, naturallycooled (ONAN) and sealed type with round tank.Primary and secondary windings shall be constructed from high-conductivity, Double Paper Covered (DPC) Aluminium conductor of Grade 2 (Al 99.6 %) as per IS 5484. 2) For Three Phase 25KVA, 63KVA,100KVA Distribution Transformer core shall be stack type, 2D,high grade cold rolled, non-ageing, grain oriented, silicon steel lamination which shall be properly annealed (under inert atmosphere, if required) to relieve stresses. Primary and secondary windings shall be constructed from high- conductivity (copper conductors), Double Paper Covered (DPC) copper conductor with min. 30% overlap per layer of paper & TPC with 25% overlap per layer.</p>
2	Clause No.5.1/Page No.6.	<p>As Per Clause No.5.1.Core:</p> <p>The core shall be stack type of high grade cold rolled, non-ageing, grain oriented, annealed silicon steel lamination (CRGO), having low loss & good grain properties, coated with hot oil proof insulation, bolted together to the frames firmly to prevent vibration or noise. Scrap CRGO material shall not be used for transformers.</p>	<p>We wish to bring to your kind notice that Kindly provide the provision of Wound core construction,other utilities like Tata Power Delhi also accepting wound core construction for single phase transformer.</p> <p>Kindly confirm.</p>	<p>1) For 1Phase 16KVA & 25KVA transformer Core s shall be wound Type, Aluminium coil, oil immersed, naturallycooled (ONAN) and sealed type with round tank.Primary and secondary windings shall be constructed from high-conductivity, Double Paper Covered (DPC) Aluminium conductor of Grade 2 (Al 99.6 %) as per IS 5484. 2) For Three Phase 25KVA, 63KVA,100KVA Distribution Transformer core shall be stack type, 2D,high grade cold rolled, non-ageing, grain oriented, silicon steel lamination which shall be properly annealed (under inert atmosphere, if required) to relieve stresses. Primary and secondary windings shall be constructed from high- conductivity (copper conductors), Double Paper Covered (DPC) copper conductor with min. 30% overlap per layer of paper & TPC with 25% overlap per layer.</p>
3	Cluase No.5.3/Page No.9.	<p>As Per Clause No.5.3.Windings:</p> <p>The coil shall be circular in shape and their construction shall be such that there is no possibility of any distortion under likely conditions of service.</p>	<p>We wish to bring to your kind notice that, in case of wound core design the coil construction shall be rectangular type instead of Circular coil. We kindly request you to amend this clause as incase of Wound core design coil shall be Rectangular type.</p> <p>Kindly confirm.</p>	Accepted

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4	Guarantee Period In Technical Specification Clause No. 10.0 and In GCC clause No. 13.2			<p>Bidder shall stand guarantee towards design, materials, workmanship & quality of process/ manufacturing of items under the contract for due and intended performance of the same, as an integrated product delivered under this contract. In the event any defect is found by the Purchaser up to a period of 48 months from the date of commissioning or 60 months from the date of last supplies made under the contract, whichever is earlier. Bidder shall be liable to undertake to replace/rectify such defects at his own costs. within mutually agreed timeframe, and to the entire satisfaction of the Purchaser, failing which the Purchaser will be at liberty to get it replaced/rectified at Bidder's risks and costs and recover all such expenses plus the Purchaser's own charges (@ 20% of expenses incurred), from the Bidder or from the "Security cum Performance Deposit" as the case may be. In case of Distribution transformer fails within the guarantee period the purchaser will immediately inform the Bidder who shall take back the failed Distribution Transformer within 15 days from the date of intimation at his own cost and replace / repair the transformer within forty-five days of date of intimation with a roll over replaced shall not be counted for arriving at the guarantee period. Bidder shall further be responsible for 'free replacement' for another period of THREE years from the end of the guarantee period for any 'Latent Defects' if noticed and reported by the Purchaser guarantee. The outage period i.e. period from the date of failure till unit is repaired.</p>
5	Pre-Bid Clarification			<p>TPCODL published Pre-Bid clarification - Technical & Commercial. Bidder shall comply prebid clarification published in our website.</p>