

PRE - BID QUERIES				
TPSODL Tender No- NIT No.: TPSODL/OT/2021-22/006				
Work Description : Rate Contract for Power Transformer Reconditioning at TPSODL				
Sr No	Ref./ Page no.	As specified in the TPCODL specification	Query Details	TPSODL Replies
1	Page No-5 Clause no-17.3	Bidder shall rectify the insulation problems observed during core coil inspection such as inter turn insulation shorting that has not converted into fault, shorting of core, frame insulation etc.	Inter turn short shall be considered as fault and re-insulation for the windings is advised to be done at Wroks instead of site. Confirmation required.	To be repaired if not converted to fault.
2	Page No-16 Clause no-2	Overhauling plus Drying out of power transformer till the desired results (IR values,PI and tan delta) is achieved. This includes all required activities including taking out core coil assembly, flushing of core and coil assembly with hot oil to remove sludge, checking and strengthening of insulation where necessary, tanking of core coil assembly. Work to be done with approved equipment/materials and in the presence of Site-In- Charge. This includes all other works to complete the drying out job to the satisfaction on Engineer-In Charge. Power transformer drying-out will be considered completed only after IR, PI values, and C tan delta values have improved to desired level	Clarification required against the accepted IR value and PI Value for OLD transformer.	Will be decided considering the condition of Transformer and will be mutually agreed for reasonable acceptable values
3	Page No-17 Clause no-3.b	With replacement of barrier board gasket and oil seal of driving shaft	Replacement of barrier board gasket and oil seal shaft shall be in our scope. However during dismantling, if the Trafo accessories & OLTC units found damaged (i.e. barrier board,moving & fixed contacts etc of OLTC, bushings, studs, valves ) then the recification / replacement job shall be as per actual site assessment.	OK
4	Page No-17 Clause no-4	Hiring charges of 1200LPH filter machine/day with filter machine operator for attending maintenance works in transformers	Hiring charges for oil filter machineconsidered as per day basis, however clarification requires regarding transporatation charges.	In bidders's scope only
6	Page No-27	The condition of few power transformers is reported to be extremely poor. Severe oil leakage is reported in old transformers. Insulation resistance values of many transformers are reported to be less than 10 M Ohms. Keeping these transformers in service may result into premature failure leading to service disruption and revenue loss to the organization.	What shall be the acceptance criteria after rectification?	The transformers to be overhauled and brought back in servicable condition with mutually agreeable and acceptable values
8	Page No-28 Clause no-1	Recycling of oil to improve BDV (65KV or more) and reduce water content (10ppm)	What shall be the testing criteria for PPM test, whether shall be at site or at STL?	At site.
9	Page No-29 Clause no-13	Vendor will ensure that the oil tanker/barrels used for handling insulating oil are clean and free from any impurity/moisture.	Specified clarification reired upon storage of Transformer oil in <b>Oil Tanker or Oil barrel and supply of Oil Barrel shall be in whose scope?</b> Clarification requird upon additional Transformer oil supply scope, if reqd.	Oil will be supplied by TPSODL, proper handling in bidder's scope
10	Page No-28 Clause no-2	Vendor shall improve the insulation of core and coil. In case if the insulation is found lost/weak, the same shall be restored so as to have proper insulation results and elimination of fault gases during subsequent operations.	Re-insulation, if required, has to be done at works; not possible at site location.	As far as possible to be done at site.
11	Page No-28 Clause no-6	Vendor should have capability to construct and replace faulty coil at site if required.	Replacing coil at site will be difficult.	As per tender document only
12	Page No-29 Clause no-11.d	Vendor shall be fully responsible for the T&P / special resources used to carry out the job at site like crane etc. used for handling of core coil assembly.	The Jobs above 5MVA , shall be required 50MT Carne to take the core coil assembly out. Hence same price cant be consiered same for through out all transformer job. Accesbility of crane upto the transformer shall be in TPSODL scope. It will be cost high to keep the crane idle until the job completes, hence it is requested to mention crane charges as separate BOQ item.	Bidder to consider
13	Page No-19	Supply of SPARES	Approved make of all Trafo spares is required.	Specs are provided. Bidder to suggest and take approval as per specs
14	General		Require the make of Transformer & OLTC installed in TPSODL area.	Bidder has to be ready for any make to carry out the work