

**Annexure-A**  
**Clarifications on Pre- Bid Queries-I**

Sr.No.	Reference	As per Tender document	Pre- Bid Query of Bidder	MSETCL's Clarifications
1	2	3	4	5
1	Cl.No.6.0 of Technical Specification of Power Transformers/ Auto Transformers (220KV & 132KV Class)	c) Dynamic short circuit test: "MSETCL reserve right to carry out dynamic short circuit test on any power transformer at CPRI/ERDA. Supplier shall arrange to carry out the test, however MSETCL shall born the charges. If power transformer fails in dynamic short circuit test then entire lot/supplied transformers shall be rejected. The supplier shall replace already supplied transformer at his risk & cost. The decision in this regard shall be binding on supplier. Deviation in this regard shall not be accepted"	We request you to kindly modify the existing clause as per below: Dynamic short circuit test: The tenderer shall furnish in his offer the calculations,to prove thermal ability of the Transformer to withstand short circuits of specified levels, in document form. The Successful tenderer shall be required to furnish detailed calculations to prove suitability of the transformer offered to withstand the dynamic mechanical forces, arising out of short circuits levels.	Shall be as per MSETCL's technical specification.
2	Clause no. 9.0 of Technical Specification of Power Transformers/ Auto Transformers (220KV & 132KV Class)	PERFORMANCE GUARANTEE: The transformer offered shall be guaranteed for satisfactory performance for a period of 120 months from the date of receipt of complete equipment at destination store/site in good condition, or 114 months from the date of satisfactory commissioning of equipment, whichever is earlier.	<p>1) We would like to inform you that Transformer industries are facing difficulty in getting raw materials due to high demand and low supply and all our sub vendors offering warranty for their product 2 to 3 years only. In this regards,it is not feasible to provide warranty 120 months from the date of receipt of complete equipment at destination store/site in good condition, or 114 months from the date of satisfactory commissioning of Equipment,whichever is earlier for the Power Transformers as our sub vendors will not accept this clause.</p> <p>However,Keeping in view of our continuous good business relation with M/s. MSETCL, we can offer guarantee period "66 Months from the date supply of material at site or 60 months from the date of commissioning,whichever is earlier".</p> <p>We request your kind selves to accept our above warranty term,which enable us to participate this tender.</p> <p>2) The Transformer offered shall be guaranteed for satisfactory performance for a period of 60 months from the date of receipt of complete equipment at destination store/ site in good condition, or 54 months from the date of satisfactory commissioning of equipment, whichever is earlier. (As per previous Performance Guarantee clause of MSETCL). Normally any standard product warranty is of 18 months from the date of receipt of complete equipment at site or 12 months from the date of satisfactory commissioning of equipment, whichever is earlier &amp; same was the case with MSETCL also for many years. From this period to 5 years warranty has already been extended, which in itself is quite a long period. Therefore further extending warranty period to 10 years is not feasible. Arranging the performance bank guarantees for such a long period involves significant finance cost. Also it results in blocking of various BG limits, that too for longer period of time.</p> <p>Performance of equipment is also dependent on the proper storage, operation &amp; maintenance of Transformers as per the conditions stipulated in the O &amp; M manual of the manufacturer. Any design/manufacturing defects will manifest in 12/18 months itself; further performance depends largely on maintenance practices.</p>	No Change

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3	Section-III Cl. No. 4 delivery Period	The desired Delivery Period of PTRs along with New Uninhibited High Grade Mineral Insulating Oil advertised in this Tender is as under: For Item 1 i.e. 50MVA, 220/22kV PTR; Item 6 i.e. 25MVA, 220/22KV PTR Item 7 i.e. 50MVA, 100/22kV PTR & Item 8 i.e. 25MVA, 132/33kV PTR Commencement and Completion: 1 No. within Five (05) Months from the Date of LoA For Item 2 i.e. 50MVA, 132/33kV PTR Commencement: 1 No. within Five (05) Months from the Date of LoA Completion: @ 2 Nos. per Month thereafter For Item 3 i.e. 200MVA, 220/100/22kV ICT; Item 4 i.e. 100MVA, 220/100kV ICT & Item 5 i.e. 100MVA, 220/22-22kV, 3-Wdg. PTR Commencement and Completion: 1 No. within Six (06) Months from the Date of LoA Completion: @ 2 No. per Month thereafter	We would like to inform that most of supplier have increased raw material lead time of supply of Major Raw materials (CRGO, Insulation etc). Considering receipt of raw materials and manufacturing the transformer, we request you to kindly consider our below delivery in the subject tender. Item 1: 50MVA, 132/33kV Power Transformer Commencement: 1 No. Transformer within Eight (08) months from the date of issue of LOA and Completion: One (2) numbers per months thereafter	No Change
4	Section-I, Clause No.1: Scope of Work	The scope of work under this tender is for design, engineering (wherever applicable), manufacture, inspection & testing before despatch, packing and supply of material /equipments as specified in Annexure-D/ Technical Specifications, at various destination sites / stores Centers of the Purchaser in Maharashtra.	We request you to provide destination/site details for consideration of transit charges at actuals and to conduct route survey to avoid difficulties/delays in the transportation as this large consignments involves complications like under passes, manoeuvring, railway shutdowns, ROW issues etc.	Power Transformers to be supplied against subject tender shall be delivered anywhere in Maharashtra.
5	Section-III Clause No.2 Prices & price Variation	The Tenderers are requested to quote these Prices on Price Variation basis as per the P. V. Formula enclosed i.e. Annexure-E. The Prices quoted shall be on Free Delivery by Road Transport to our various Stores /Sites anywhere in State of Maharashtra.		
6	General	Cables	All relevant cables from Transformer accessories/fittings to Individual Marshalling box of respective transformer shall be under Bidder scope. All other cables including Special cables from Transformer Individual Marshalling box to Common Marshalling Box and to Control room are not included in present scope of supply. Please confirm.	Shall be as per MSETCL's technical specification.
7	General	Civil works	Any Civil works or development works related to Augmentation inside substation shall not be in Bidder scope. Please confirm.	Shall be as per MSETCL's technical specification.

Sd/-

Chief Engineer (Trans. O&M)