

**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	Clause no.5.14 of Technical Specification of 420KV ICTs	The layout of a three phase transformer bank made out of three single phase units shall generally be as indicated below:  i)All three units of 167 MVA are to be accommodated within 31 meters gantry spacing maximum.	We understand that this is applicable for Augmentation projects also.Please confirm. We request you to kindly provide the details of 400 kV S/s Foundatin Drawings & Gantry spacing details of 400KV S/s for our consideration as per your requirment & to avoid ambiguity later date.	Shall be as per MSETCL's technical specification.
2	Clause no.11.0 of Technical Specification of 420KV ICTs	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 industires are facing diffculty 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". 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 reciept 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

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

Sr.No.	Reference	As per Tender document	Pre- Bid Query of Bidder	MSETCL's Clarifications
3	Section-III Cl. No. 4 delivery Period	For Item 1 : 167MVA, 400/220/33kV, 1 $\phi$ ICT alongwith New Uninhibited High Grade Mineral Insulating Oil Commencement: 1 No. within Seven (07) Months from the Date of LoA Completion: @ 1 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: 167MVA, 400/220/33KV Commencement: 1 No. Transformer within Ten(10) months from the date of issue of LOA and Completion: One (1) 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.	3 Nos. of 3x167MVA, 400kV ICTs are meant for 400kV Lonikhand-I s/s (under Pune Zone); 400kV Kharghar s/s (under Vashi Zone) & 400kV Talandge s/s (under Karad Zone) respectively.
5	Section-III Clause No.2 Price & price Variation	The Tenders 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)**