

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

Sr.No.	Reference	As per Tender document	Pre- Bid Query of Bidder	MSETCL's Clarifications
1	Technical Specification Schedule-D4	PTP for the Auto Transformers iv) 200MVA,220/132/11KV	MVA rating of tertiary is not mentioned. Please provide the same	shall be as per MSETCL's technical specification.
2	Technical Specification Schedule-D4 SR.No.13	iv) For 200MVA,220/132/11KV: -- 15%+ (+) IS tolerance on basse MVA and 220/132KV ratio	Please provide percentage impedance between 220/11KV and 132/11KV on normal voltage tap.	shall be suitably designed in line with requirements of technical specification.
3	Technical Specification Schedule-D4 SR.No.13	iv) For 200MVA,220/132/11KV: -- 15%+ (+) IS tolerance on basse MVA and 220/132KV ratio	Please provide extreme tap position impedance values between 220/132KV.	shall be as per MSETCL's technical specification.
4	Technical Specification Schedule-D4 SR.No.31.b	HV Neutral side Bushing current transformer for purchaser's use (for restricted E/F protection) i) Type: single phase ring type turret mounted ii) Quantity : 1 iii) Voltage class : 24 KV iv) No. of cores :1	The HV Neutral side bushing current transformer voltage class given as 24KV. Please note bushing CT voltage class shall be 0.72KV as per IEC. Given voltage class 24KV seems to be for single phase outdoor.Please clarify whether it is bushing CT (turrt mounted) or Outdoor CT?	Bushing CT shall be turret mounted as per technical specification.
5	Section-III CI. No.4 Delivery Period	<b><u>Item 1 : 167MVA, 400/220/33KV</u></b> ICT alongwith New Uninhibited High Grade Mineral Insulating Oil <b>Commencement</b> : 1 No. within seven (07) Months from the date of LOA <b>Completion:</b> @ 1 NO. per Month thereafter <b><u>Item 2 : 200MVA, 220/132/11KV</u></b> ICT alongwith NewUninhibited High Grade Mineral Insulating Oil <b>Commencement</b> : 1 No. within Six (06) Months from the date of LOA <b>Completion:</b> @ 1 NO. per Month thereafter	We would like to inform that most of supplier have increased raw material price as well as lead time of supply of Major Raw materials (CRGO,Insulation etc.,) due to the post covid conditions. Considering receipt of raw materials and manufacturing the transformer, we request you to kindly consider our below delivery in the subject tender. <b><u>Item 1 : 160MVA, 400/220/33KV</u></b> <b>Commencement</b> : 1 No. Transformer within Twelve (12) Months from the date of LOA and Completion: @ Two (2) numbers per Month thereafter <b><u>Item 2 : 200MVA,220/132/11KV</u></b> <b>Commencement</b> : 1 No. Transformer within Eleven (11) Months from the date of LOA and <b>Completion:</b> @ One (1) number per Month thereafter	shall be as per Clause No. 4.0 of Section-III.

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6	Section-I CI. 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/equipment's 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.,	ICTs to be supplied against subject tender shall be delivered anywhere in Maharashtra.
7	Section-III CI. No.2 Prices & Price Variation:	The Tenderers are requested to quote these Prices on Price Variation basis as per as the P.V. Formula enclosed i.e. Annexure-E. The Price quoted shall be on Free Delivery by Road Transport to our various Stores/Sites anywhere in State of Maharashtra.		
8	CI No.5.14 of Technical Specification of 420KV ICT's	Layout of a three phase bank made out of single phase units 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.	7 nos. of 167MVA, 400kV ICTs out of 15 nos. (tendered quantity) of 167MVA, 400kV ICTs are meant for 400kV Warora s/s. Foundations for the same are already casted. In this regard, successful bidder shall match foundation drawing of ICTs to be supplied with already casted foundation & gantry spacing as per site requirement. This should be complied while designing foundation drawings ICTs meant for 400kV Warora s/s.
9	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.
10	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.

**Note: Bidders are advised to visit site to assess actual site conditions before submission of their techno-commercial bid.**

**Sd/-**  
**Executive Director (Operations)**