

FORMAT B.1**Format for Technical Pre-Bid Queries****Tender No** TPSODL/OT/2024-25/035**Package Name** Rate Contract for Supply of 16kVA,11kV/0.25kV, BIS energy level-II(CRGO), Aluminum Distribution Transformer**Bidder :** M/s.XXXX**Note :** The said format to be used only for Technical Pre-Bid Query. Any Commercial Query has to be strictly in Format B2 Format for Commercial Pre-Bid Query and sent separately
Format to be used for query regarding Technical Pre-Qualification Requirement, Safety Pre-Qualification Requirement, Technical Set of Document**Pre-Bid Query has to be sent in editable Excel file format only****Pre-Bid Query has to be sent through e-mail in TPSODL E-Tender System**

Sr. No.	Detailed Reference to TPSODL Technical Document. Please specify Document No / Clause No / Page No	Description as per Bid Document	Remarks - Query / Clarification	TPSODL Response
1	2	3	4	5
1	ENG-HV-2003 / Clause No.5.1	Clause No.:5.1: CORE I. Transformer core shall be wound type, constructed from high grade cold rolled, non-ageing, grain oriented, silicon steel lamination which shall be properly annealed (under inert atmosphere, if required) to relieve stresses.	We wish to bring to your kind notice that, The tender specification Calls for CRGO core only. In this regard, we wish to bring to your kind notice that, many power utilities/ State Electricity Boards in India are procuring the transformers with Amorphous core which has better advantage in meeting Losses over CRGO core. Kindly confirm us to proceed with the Amorphous Core.	Specification to be complied
2	ENG-HV-2003 / Clause No.5.2 ENG-HV-2003 / Clause No.4(60 &61)	clause 5.2 Winding I. Primary and secondary windings shall be constructed from high- conductivity (aluminium conductors), Double Paper Covered (DPC) aluminium conductor of grade 2(Al 99.6%) as per IS 5484 with min. 25% overlap per layer of paper. Epoxy diamond dotted Kraft paper to be used for DPC conductor all rating. 4(60).HV winding Insulation - Double Paper Covered with min 25% overlap per layer of Paper 4(61). LV winding Insulation - Double Paper Covered with min 25% overlap per layer of Paper	We wish to bring to your kind notice that, Option for Super enamel covering is also mentioned in the guidelines for energy efficient distribution transformers, issued by Central Electricity Authority(CEA). Kindly allow us for both super enamel/paper covering.	Specification to be complied
3	ENG-HV-2003 / Clause No.5.5 ENG-HV-2003 / Clause No.4(70&71)	5.5 TRANSFORMER TANK AND TANK CONSTRUCTION I.The transformer tank shall be hermetically sealed, round type and shall be built up of electrically tested welded mild steel plates of thickness 5 mm (min.) for bottom, top, and 3.15 mm (min) for the sides for all the three ratings of distribution transformers. 4. GENERAL TECHNICAL REQUIREMENTS: 70. Top and Bottom - 5 mm (Minimum) 71. Side - 3.15 mm (Minimum)	We wish to bring to your kind notice that, Kindly Allow us for Top & Bottom Plate:2.5 mm Min.(Sheet thickness tolerance applicable as per IS 1852) and For sides:2.2mm Min.(Sheet thickness tolerance applicable as per IS 1852). And with the above thickness we will meet the pressure and vacuume test as per technical specification. Kindly Confirm.	Specification to be complied
4	ENG-HV-2003 / Clause No.18 ENG-HV-2003 / Clause No.5.9	As per clause No.:18. DRAWINGS AND DOCUMENTS: 8. HT connector / LT connector (palm connector), Aluminium Busbar 5.9 LV BOX with MCCB	We Wish to bring to your kind notice that,as per clause no.5.9 we are providing LV side cable box. Hence palm connector is not applicable. Kindly confirm.	Lugs may be considered, Palm Connector is not required for Single Phase 16kVA LT Distribution Box

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5	ENG-HV-2003 / Clause No.5.9	As per clause no.:5.9: LV box with MCCB: 4. The Single phase MCCB Shall be provided with suitable size of Al bus bar w.r.t minimum current density (calculated) of 1A/ sq. mm inside for further distribution of supply.	We wish to bring to your kind notice that, MCCB Al Bus Bar Current density is 1A/sq.mm Minimum is mentioned. Al Bus bar Maximum current density Should be 1A/sq.mm. Kindly Amend this Clause as Above.	Noted, Maximum Current Density for AL Bus Bar shall be 1A/sq.mm
6	ENG-HV-2003/Clause No.5.2(I)	Clause 5.2 (I)Winding Primary and secondary windings shall be constructed from high- conductivity (aluminium conductors), Double Paper Covered (DPC) aluminium conductor of grade 2(Al 99.6%) as per IS 5484 with min. 25% overlap per layer of paper. Epoxy diamond dotted Kraft paper to be used for DPC conductor all rating.	Plain Kraft paper shall be used for DPC covering on Conductor and is sufficient for Class-A insulation. If EDD paper is used for covering of strip, paper shall break during winding stage and not possible for round condutors with EDD covering. Kindly confirm.	Specification to be complied
7	ENG-HV-2003/Clause No.5.13	DRAIN VALVE AND FILTER VALVE	We wish to bring to your kind notice that, DRAIN VALVE AND FILTER VALVE are not applicable for single phase transformers as per IS 1180, kindly confirm.	Noted, DRAIN VALVE AND FILTER VALVE are not applicable for single phase transformers
8	ENG-HV-2003/Clause No.5.14	EXPLOSION VENT	We wish to bring to your kind notice that,EXPLOSION VENT is not required for single phase transformers, kindly confirm same.	Noted
9	NIT No.: TPSODL/OT/2024-25/035/ Clause no. 3.9 Type Tests/ Page no. 12 of 27	The type tests specified in TPSODL specifications should have been carried out within five years prior to the date of opening of technical bids and test reports are to be submitted along with the bids. If type tests carried out are not within the five years prior to the date of bidding, the bidder will arrange to carry out type tests specified, at his cost. The decision to accept/ reject such bids rests with TPSODL	Against this, we request you to allow us for submitting the type test reports of similar (or) higher rating transformers for tender evaluation purpose. However, we shall conduct and submit the Type Test Reports of as per our offered design and inline with tender sepcification at our cost without affecting the delivery schedule. Please review and confirm your acceptance.	Specification to be complied
10	NIT No.: TPSODL/OT/2024-25/035/ Clause no. 2.0. Delivery Timelines/ Page no. 15 of 27	For First RO, Delivery period shall be 75 days from date of RO/ drawing approval/ manufacturing clearance, whichever is later. For subsequent ROs, material shall be delivered within 60 days from date of receipt of release order.	Please note, purchasing of Raw materials for manufacturing of these transformers requires atleast 2 months of time from the date of RO/ drawing approval/ manufacturing clearance, whichever is later. In this regard, meeting of the "delivery timelines" specified in the tender document will be much difficult. Hence, we request you to amend this clause as follows: For First RO, Delivery period shall be 120 days from date of RO/ drawing approval/ manufacturing clearance, whichever is later. For subsequent ROs, material shall be delivered within 90 days from date of receipt of release order.	For First RO, Delivery period shall be 90 days from date of RO/ drawing approval/ manufacturing clearance, whichever is later. For subsequent ROs, material shall be delivered within 75 days from date of receipt of release order.
11	NIT No.: TPSODL/OT/2024-25/035/ Clause no. 2.0. Evaluation Criteria/ Page no. 8 of 27	Maximum 05 nos. of eligible bidders (L-1 to L-5) shall be allowed in RA process. Balance bidders i.e. L6, L7, L8 & and so on, would not be allowed to participate in the RA process.	Against this, we request you to allow all the bidders who are qualified techno-commercially. Since, this clause is no where mentioned in any of the M/s. TATA Power DISCOMs (i.e., M/s. TPDDL, Tata Power Odisha DISCOMs). So, we request you to remove the restriction of only 5 No. of eligibe bidders shall be allowed for RA process. Which will be mutual beneficial on finalizing this tender with more number of competitors. Subsequently, kindly modify the same in Annexure-I "Schedule of Items".	We have taken your qeury in to considration, however regret to inform you that this will be as per the tender only i.e. Maximum of 5 bidders (L1-L5) shall be allowed in RA process. Hence asked to quote accodringly.