



TP Central Odisha Distribution Limited



TP Northern Odisha Distribution Limited



TP Southern Odisha Distribution Limited



TP Western Odisha Distribution Limited

CENTRALIZED CONTRACTS GROUP

NIT No.: TPCODL/CCG/25-26/1000009306

Corrigendum No. – I

Dt.: 16-05-2026

Tender Enquiry No- TPCODL/CCG/25-26/1000009306

Tender Subject – RC for Supply of Outdoor CT PT for TPCODL/TPNODL/ TPSODL and TPWODL

Corrigendum Summary:

A] Clause 1.3: Revised Calendar of Event shall be as follows:

Existing Clause	Proposed Clause
Due Date of Posting Consolidated replies to all the pre-bid queries as received: 12.05.2026, 18:00 Hours	<i>Revised timeline 16.05.2025</i>
Due date and time of receipt of Bids – 18.05.2026, 17:00 Hours	<i>Revised timeline 20.05.2026, 18:00 Hours</i>

NOTE : All Other Terms & Conditions of the tender shall remain unchanged as per NIT document, GCCs.

Approved By,

Sd/-

(Head – Centralized Contracts Group)

FORMAT F.1

Format for Query / Clarification / Deviation (QCD)

Tender No TPCODL/CCG/26-27/100009306

Package Name

Bidder :

Note : The said format to be used only for any Pre-bid Query / Clarification/ Deviation on any of the Tender documents

Sr. No.	Detailed Reference to concerned Document . Please specify Document No / Clause No / Page No	Description as per Bid Document	Query / Clarification / Deviation	TP- Odisha Discom's Response
1	2	3	4	5
	Minimum creepage for HT bushing	31 mm/ KV	The availability of 31mm/KV creepage bushing is very rare & on special order & takes min 2 months also 11KV bushings are not available with 31mm/KV creepage as there is no demand of them as said by the manufacturers of bushing . Therefore requesting to consider 25mm/KV creepage as previous.	Kindly adhere to Technical Specification.
	Tan Delta Value	Shall be within 0.7% for new and shall remain less than 1% for at least 5 years	In 33KV & 11KV CT & IVT the tan delta is not a mandatory test as per IS 2705 & IS 3156 so request to wave off this test	Not Required and it is mentioned in annexure-I of Technical Specification
13.1	Special Conditions of Contract	Delivery Terms: Delivery period shall be 60 days from date of receipt of release order or manufacturing clearance whichever is later . Exact delivery location shall be specified in the Release Order Pre-dispatch inspection, Delivery will be the store locations in TPCODL, TPSODL, TPNODL and TPWODL based on RO Qty.	60 days from receipt of RO is too short time period requesting to extend the same by min 90 days from RO so that a manufacturer can smoothly Procure & process all raw materials & deliver the final product conducting inspection in time.	IT will be as per NIT.
1	Annexure I Point 10- Gasket	There shall be no joint in the top cover gasket	As per the standard proven and acceptable engineering practice for gaskets used in big size tanks, we request to allow maximum two joints [dove tail or superior joint] . Moreover all oil filled tanks undergo pressure test after oil filling and we have not faced any problem till now in achieving hermetic sealing with such gaskets.	Kindly adhere to Technical Specification.
2	Annexure I - Applicable Standard	IS standard	Kindly confirm acceptance of offered products as per IS:3156 and type test report as per IS:3156	Kindly adhere to Technical Specification.
3	4. GENERAL TECHNICAL REQUIREMENTS	TS Clause 5.2 Sec. Fuse and accuracy test	This Clause calls for HRC fuses in PT secondary terminal box. Kindly within acceptance of accuracy test without fuse connected to PT secondary circuit.	Noted

4	4. GENERAL TECHNICAL REQUIREMENTS	Clause 4, point 13 Rated burden = 100VA	<p>Note that 100VA rated burden is excessively high and is technically not appropriate for the following reasons:-</p> <p>a. Class 0.2 is a high precision accuracy class and the associated digital meters /relays at utility end are also of equivalent precision accuracy class. Such digital meters impose a very low burden of less than 1VA, and including to and fro lead drops, the imposed burden will still be maximum 5VA.</p> <p>b. Accuracy of a metering class core/ winding is guaranteed from 25% to 100% of rated burden. Hence, at 10VA rated burden, ratio & phase errors within 0.2 class shall be guaranteed within a range of 2.5VA to 10VA, which suits the actual service condition requirements. On the other hand, at 100VA rated burden, the errors under actual service condition will be inferior and will fall under 0.5 or 1.0 class, instead of desired 0.2 class (since actual burden is not more than 5VA). The purpose of high precision class 0.2 fails if the rated burden chosen is much higher than the actual service condition burden.</p> <p>c. Even for protection class, in view of the digital relays of very low burden, the rated burden of 100VA is not at all recommended. Hence, burden imposed by digital meters and digital relays must be thoroughly reviewed and appropriate rated burden must be finalized.</p>	Kindly adhere to Technical Specification.
5	4. GENERAL TECHNICAL REQUIREMENTS	Partial Discharge & Tan Delta	<p>Kindly reconfirm the Partial Discharge and Tan Delta tests are not applicable on 11kV & 33kV PTs called in this tender.</p> <p>In this case we understand that the requirement of these two tests called anywhere else in the tender specification stands cancelled.</p>	Not Required and it is mentioned in annexure-I of Technical Specification.
6	4. GENERAL TECHNICAL REQUIREMENTS	Tank sheet & Finish related	Kindly confirm acceptance of CT & PT tanks fabricated with 3mm MS sheet . Further, please confirm tank finish acceptable to you is powder coated or hot dip galvanized.	220 GSM CRCA sheet with Powder coating / 3mm MS with HDG
7	4. GENERAL TECHNICAL REQUIREMENTS	Accuracy test	Kindly confirm that accuracy test of PT secondary will be done with only the winding under test loaded and other windings unloaded.	Noted and accepted
8	4. GENERAL TECHNICAL REQUIREMENTS	Scope of supply	We understand that supply of junction boxes(1 junction box against a set of 3no. PTs) is not required in this tender. Kindly reconfirm the same.	Not Required, only secondary terminal Box to be provided as per the requirement.
1	Annexure I Point 10- Gasket	There shall be no joint in the top cover gasket	As per the standard proven and acceptable engineering practice for gaskets used in big size tanks, we request to allow maximum two joints [dove tail or superior joint] . Moreover all oil filled tanks undergo pressure test after oil filling and we have not faced any problem till now in achieving hermetic sealing with such gaskets.	Kindly adhere to Technical Specification.
2	Annexure I Point 11 - Partial Discharge & Tan Delta	This is not required for CTs upto 33KV range	<p>Kindly reconfirm the Partial Discharge and Tan Delta tests are not applicable on 11kV & 33kV CTs called in this tender.</p> <p>In this case we understand that the requirement of these two tests called anywhere else in the tender specification stands cancelled.</p>	Not Required and it is mentioned in annexure-I of Technical Specification.
3	Annexure I Point 5 Knee Point Resistance of Secondary winding for 400/1 and 200/1 Tap.	Vk >500 V at all ratios RCT at 400/1 and 200/1 <6 Ohm	<p>Kindly note that generally for 800-400-200/1A class PS core, the Vk (min) value 200V/400V/800V is sufficient from lower to higher ratio tap respectively.</p> <p>However as per your requirement the knee point voltage Vk > 500V at all ratios implies approx. 500/1000/2000V as Vk (min) from low to higher ratio taps respectively. Kindly note that this leads to extremely bulky size of core, and practical difficulties in core winding in standard winding machines.</p> <p>Secondary winding resistance increases with increased core size and restricting 6 Ω secondary winding resistance at 400A tap will not be feasible design-wise.</p> <p>Hence we request to review and relook the Vk and RCT values for the class PS cores. Vk value may please be suitably reduced to make both the ends meet, the system/ utility technical needs and design feasibility.</p>	Kindly adhere to Technical Specification.
4	Clause 2 - IS Standard 4. GENERAL TECHNICAL REQUIREMENTS: Clause 4, 12.2 (Rated Burden)	30VA RATED BURDEN	<p>Offered CTs are as per 1S:2705 and all type test reports are as per 1S:2705. Kindly confirm your acceptance.</p> <p>30VA rated burden is excessively high and technically not appropriate for the following reasons:-</p> <p>a. Class 0.2 is a high precision accuracy class and the associated digital meters /relays at utility end are also of equivalent precision accuracy</p> <p>b. Accuracy of a metering class is guaranteed from 25% to 100% of rated burden. Hence, at 10VA rated burden, ratio & phase errors within</p> <p>c. Even for protection class, in view of the present day digital relays of very low burden, the rated burden of 30VA is not at all</p>	Kindly adhere to Technical Specification.

5			<p>d.The purpose of ISF in CT metering cores falls if the rated burden is much higher than the actual service condition burden .</p> <p>In fact ISF 5 in a metering core designed at 30VA rated burden will actually be 20 or even higher as its service condition burden is low and hence the connected meters will be at a greater risk of high current flow under fault conditions with 30VA rated burden . It must be understood that the purpose of ISF is fulfilled only when rated burden is matching to actual service condition burden. Ignoring this point is a great technical flaw. Hence, burden imposed by digital meters and digital relays must be thoroughly reviewed and reduced to lower values. We recommend 10VA rated burden, instead of 30VA.</p> <p>To the best of our knowledge, other utilities all over India are using metering cores with rated burden 2.5 to 10VA, and protection core burdens 10 to 15VA. Hence we request to once again review the technically appropriate burden to fulfill your actual requirement. It is a misconception that higher burdens are good, and many times this leads to excessively bulky designs, and / or failure of meeting accuracy and ISF of metering cores in actual service conditions, and also the product cost becomes excessively high to meet the required parameters. Needful attention is needed towards this as overall cost will also be saved, and limited resources like copper, oil etc. will be utilized in an optimum way.</p>	Kindly adhere to Technical Specification.
6	4. GENERAL TECHNICAL REQUIREMENTS	Tank sheet & Finish related	Kindly confirm acceptance of CT & PT tanks fabricated with 3mm MS sheet. Further, please confirm tank finish acceptable to you is powder coated or hot dip galvanized.	220 GSM CRCA sheet with Powder coating / 3mm MS sheet with HDG
7	4. GENERAL TECHNICAL REQUIREMENTS	Scope of supply	We understand that supply of junction boxes(1 junction box against a set of 3no. CTs) is not required in this tender. Kindly reconfirm the same.	Not Required, only secondary terminal Box to be provided as per the requirement.