

## CENTRALIZED CONTRACTS GROUP

**Response to Pre-Bid Queries**  
**NIT No.: TPCODL / CCG / 23-24 / 021**

20.07.2023

**Tender Description:**  
**Rate Contract for Supply of LTDBs of various ratings,**  
**At TPNODL, TPCODL, TPSODL & TPWODL.**

The pre-bid queries as received against the referred tender enquiry and CCG/CEQG (TP-Odisha) responses on the same are placed below:

S. No.	Tender Reference	Pre-Bid Query raised by Bidder	CCG/CEQG (TP-Odisha) response
1	GTP of 25/63/ 100KVA LTDB – Non load Bearing side	As per present tender, it should be 3.0mm (Min.). However, we are supplying the material with non-load bearing side of 2.0mm against old tenders. May please allow the same for present tender also.	Thickness shall be 3mm throughout
2	GTP of 25/63/ 100KVA LTDB – Hinges	As per present tender, there shall be 4 nos. hinge on each door. However, we are supplying the material with 3 nos. Bottle type hinges against old tenders. May please allow the same for present tender also.	Bottle type Hinges are accepted. 4 on each door
3	GTP of 25/63/ 100KVA LTDB – Make of Kitkat	As per present tender, make of Kitkat fuses shall be L&T, Siemens, EATON, ABB, Schneider, Havells. But, except Havells other vendors are not manufacturing the Porcelain Kit Kat fuses. So, we request you to please add HPL & RBCO makes.	Make shall be as per TS
4	GTP of 25/63/ 100KVA LTDB – Materials of LTDB	As per tender, materials of LTDB shall be GI Sheet and Powder Coated. May please review and confirm that Pre Galvanized CRCA Sheet with Powder Coating can be used.	Accepted. GI sheet shall be TP-Central Odisha discom approved make.
5	Locking Arrangement of Boxes	As per tender, all joints of current carrying parts shall be bolted with 8.8 grade High Tensile SS Nuts & Bolts. May please review and confirm whether High Tensile MS Nut & Bolts can be used.	8.8 grade High Tensile SS Nuts and Bolts
6	TS Clause no. 5.4, "Enclosure"	As per tender, Distribution Cabinets are to be outdoor type and to be fabricated out GI sheet. The body of the boxes shall have sufficient re- enforcement with suitable size of channels keeping a provision for fixing these boxes on poles .Enough reinforcement should be provided to make the enclosure suitable to be used in Cyclone prone/High intensity wind areas. All GI Sheets and Supports shall be Hot Dip Galvanised. May please clarify whether the LTDBs shall be made with readymade GP sheets or Hot dip galvanized boxes. Also clarify, on what parts of the structure hot dip galvanization is required.	Either Box shall be Hot Dip Galvanized or Fabricated with Galvanized sheet with GI Welding Rod.
7	Guaranteed Technical Particulars	As per tender, make of MCCB shall be ABB, Siemens, L&T, EATON, Schneider, Legrand and Havells MCCB Should have integrated OL,SC & E/F Protection. May please provide the make of CTs & TTBs. Also, please clarify the scope of supply of Energy Meter and its make.	CT's and TTBs shall be of reputed make. Energy meter is not in the scope of bidder.

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S. No.	Tender Reference	Pre-Bid Query raised by Bidder	CCG/CEQG (TP-Odisha) response
8	Clause No. 5.3 Specification of LTDB 25, 63& 100kVA with GI Enclosure	As per tender, Minimum clearance between Phase to Earth after all cable connection : 40 mm. May please explain / elaborate the point Clearance after all cable connections.	After Cable connection in I/C or O/G, there should be a clearance of minimum 40mm in Lug area. Applicable for other areas as well.
9	Clause No. 5.2, Point No.-2 of Specification of LTDB 25, 63& 100kVA with GI Enclosure	Kindly confirm whether these Kitkat fuses are of porcelain type. Kindly confirm whether EnerGEN Make Kitkat (qualified at TPNODL) is acceptable or not.	KitKat fuse base are of porcelain type. Make shall be as per TS only.
10	Clause No. 5.2, Point No.-4 of Specification of LTDB 25, 63& 100kVA with GI Enclosure	As per clause 5.2, the metering compartment shall be IP55 and to be fixed to the wall side of LTDB but as per clause no. 5.4, the MCCBs, Fuse, Meter, CT shall be housed inside the enclosure. Please clarify, whether Meter to be provide on side wall or inside the enclosure.	Metering compartment shall be IP55 and to be fixed to the wall side of LTDB. Energy meter is not in the scope of bidder.
11	Clause No. 7 of Specification of LTDB 25, 63& 100kVA with GI Enclosure	We have a Type test report of higher rating of 500kVA, with 800A MCCB. Request you to kindly accept the same.	Type test on exact design is only accepted.
12	Clause No. 22 of Specification of LTDB 25, 63& 100kVA with GI Enclosure	Please clarify whether, this galvanization process mentioned in TS clause 22, have to be done on sheet or nut/bolts.	Applicable for HDG Box
13	Annexure-2 T.S. for CT Point no. 4 Clamping of CT	CTs will be mounted on Bakelite sheet, It is not possible to mount it on LTDB. Mounting on Iron Plate is technically wrong. Please review and confirm.	Mounting on Back Plate is preferable
14	GTP Point No 32, Energy Meter	Please clarify whether Energy Meter need to be supplied with panel or only provision to be kept.	Energy meter is not in the scope of bidder. Only provision to be kept.

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S. No.	Tender Reference	Pre-Bid Query raised by Bidder	CCG/CEQG (TP-Odisha) response
15	GTP Point No 26, Incoming MCCB	As per tender, MCCB For 25KVA :- 40A TP 25KA, MCCB For 63KVA :- 100A TP 25KA, MCCB FOR 100KVA :- 160A TP 25KA, MCCB For 250KVA :- 400A TP 35KA, 500KVA:- 800A TP 35KA(MCCB should have integrated O/L, SC & EF Features). May please clarify the following:  A) Please clarify MCCB should be Thermal Magnetic or Microprocessor Based. B) Objective is to achieve O/L, SC, EF feature even it is achieved without integral part and without taking any other power supply. It should be acceptable and cost effective. C) If need Microprocessor based MCCB then please change for 25KVA MCCB will be 40A FP 35KA, 63KVA MCCB will be 100A FP 35KA, 100KVA MCCB will be 160A FP 35KA, 250KVA & 500KVA MCCB will be of Four Pole.	a. MCCB should be Microprocessor based. b. MCCB's should have integrated O/L, S/C and EF protection. c. Only Three pole MCCB is acceptable with ratings as mentioned in Technical specifications. 4 Pole MCCB not accepted.
16	GTP Point No 27, MCCB make	May please include "HPL" make having OL/SC/EF feature.	Make shall be as per TS.
17	GTP Point No 28, Outgoing arrangements for all ratings	Kindly include "HPL" make Kitkat & HRC Fuse Base. It is already approved in TPCODL, TPNODL, TPWODL, TPSODL, TPDDL & TP Mumbai.	Make shall be as per TS.
18	TS clause 5.2 Outgoing Circuit Point 4 , 7th line	Please clarify whether TTB to be supplied or provision only to be kept.	TTBs should be provided with LTDB
19	TS clause 5.5 Locking arrangement to the box (Point C)	Not properly shown in drawing, needed size of cable and lugs as per all LTDB's. May please review and confirm.	To be finalized During Detailed Engineering
20	GTP Point No 31, Provision of LT switch & socket	As per tender, 1 set of light, socket & switch is provided for availing power auxiliary single phase supply of 16Amp. With 16 Amp 2P MCB. Please clarify whether it is to be supplied mandatorily or provision only to be kept.	All items to be supplied with LTDB as per GTP point no. 13
21	GTP Point No 5, Thickness of	As per tender thickness shall be as follows:	Thickness of box shall be as

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S. No.	Tender Reference	Pre-Bid Query raised by Bidder	CCG/CEQG (TP-Odisha) response
	Box	(i) Load Bearing Side - 3mm (min) (ii) Non load Bearing Side - 3 mm (min) Please review and clarify.	follows: (i) Load Bearing Side - 3mm (min) (ii) Non load Bearing Side - 3 mm (min)

**Note:**

*This document shall be an integral part of the tender and bidder shall submit signed/stamped copy of this document along with technical bid, as a token of acceptance. The tender document stands modified to the extent stipulated herein above in this document. All other terms & conditions shall be strictly followed as per Bid documents.*

*All other terms of Original Tender, remains unaltered.*