Reply on Pre-Bid Query / Clarification / Deviation (QCD)						
Tender No. **TPCODL/P&S/1000000309/22-23 dtd. 03.11.2022**						
Package Name: **RATE CONTRACT FOR SUPPLY OF LTDBs & LT FPI**						
S No	**Clause No**	**Page No**	**Tender Description**	**Bidder's Query / Clarification**	**Bidder's Justification**	**TPCODL Response**
				Type Test report of enclosure by CPRI/ERDA	Plz allow NABL or Govt Approved LAB	Only CPRI/ERDA
1			SMC 25, 63 and 100 KVA LTDB	four hinges on each door or strip hinges	strip hinges of 2mm shall be used	In case of SMC LTDB One Continuous Hinge ss 2mm is also accepted
2			SMC 25, 63 and 100 KVA LTDB	Louvers with IP-55	in past supply, louvers not required	It is not mandatory to put louvers if Temp rise criteria is maintained. IP 55 is mandatory requirement.
3			SMC 25, 63 and 100 KVA LTDB	MCCB for 25 KVA - 40A TP 40KA with OL, SC and Earth Fault	MCCB for 25 KVA - 40A TP 35KA with OL, SC and Earth Fault	Accepted
4			SMC 25, 63 and 100 KVA LTDB	MCCB for 63 KVA - 100A TP 40KA with OL, SC and Earth Fault	MCCB for 63 KVA - 100A TP 35KA with OL, SC and Earth Fault	Accepted
5			SMC 25, 63 and 100 KVA LTDB	MCCB for 100 KVA - 160A TP 40KA with OL, SC and Earth Fault	MCCB for 100 KVA - 160A TP 35KA with OL, SC and Earth Fault	Accepted
6			Make of MCCB	ABB, L&T, Eaton, Schneider, Legrand and ABB	Plz add Havells for all ratings of MCCB	Havells is accepted
7			CT	Class Accuracy is 0.5s	Plz allow 0.5 CT Class Accuracy	0.5 CT is accepted
8			250 & 500 KVA LTDB	Material of Enclosure is GI (HOT DIP GALVANIZED)	Plz consider CRCA with powder coated	It shall be as per tender Specs
9			250 & 500 KVA LTDB	Mounting Frame of DB Shall be HOT Dip Galvanized or Powder Coated	PLZ Confirm	It shall be as per tender Specs
10			250 & 500 KVA LTDB	MCCB for 250 KVA is 630A TP MCCB 40KA	400A TP MCCB is Sufficient with 36kA instead of 630A	36kA fault rating is accepted. 400AMP IS ACCEPTED
11			250 & 500 KVA LTDB	2Amp MCB shall be used for isolation purpose	Plz suggest us how you will use this	For Control Power Isolation
12			250 & 500 KVA LTDB	Size of Box is 1550x1650x500mm for 250 KVA	We have already done the type test of different sizes of boxes for same rating as per TPCODL requirement. Plz consider the same type test reports for this tender.	Reconducting Type test is not required for identical design.
13			250 & 500 KVA LTDB	Size of Box is 1700x1900x500mm for 500 KVA		
14			250 & 500 KVA LTDB	Hinges shall be stainless type	MS hinges may be used because SS hinges get not welded properly with MS Sheet because the property of MS and SS are different.	Bottle Type Hinge (4 Nos) of sufficient Weight bearing capacity. HDG.
15			250 & 500 KVA LTDB	RAL 7032 is siemens Grey or Light Grey	Plz Confirm	RAL 7032 is Siemens Grey
16				Danger Plate in Odia, English and Hindi	Danger Plate should be in Odia and English	Odiya and English
17				Degree of Protection Shall be IP-55	If Louvers required then Degree of Protection IP-33 may prevail.	It is not mandatory to put louvers if Temp rise criteria is maintained. IP 55 is mandatory requirement.

18				Sample for all ratings	Sample Required or not	After order BA has to prepare a sample/prototype and get it approved by TPCODL prior to mass production

1	Meter	Clause No-3 (Page No.- 28)	Meter size 400mm x 400mm x 150mm.	Kindly confirm whether meter is in the scope of bidder or not.		Meter is not in scope of supplier
2	Connection bolt, nut & washer	Clause No-5.5 (H) - (Page No.- 32)	All joints of current carrying parts shall be bolted with 8.8 grade High Tensile SS Nuts & Bolts, Corrugated/spring & Plain Washers. The nuts & bolts should be of hexagonal type. All the nuts, bolts & washers should be properly zinc plated.	8.8 garde SS material is not possible, it will be 8.8 grade MSZP material.		This shall be as per Tender Spec
3	25KVA LTDB	11 (b) of GTP (Page No. - 37)	6 Nos. O/G PVC glands suitable for 27mm Cable dia entry hole at bottom side	Kindly confirm the exact requirement for O/G.		Gland Plate shall be detachable. Any required hole in gland plate shall be done at site.
		As per darwing (Page No. - 44)	As per drawing, it is 2 Nos. only			
		Sr. No. 26 (Page 38) of GTP	40 Amp MCCB, 40KA TP MCCB - 01 Nos	40kA is not a standard capacity of MCCB. 36kA or 50kA is nearest standard rating. So kindly confirm it.Pls consider the same as was considered by TPSODL in their corrigendum for a similar tender.		Accepted
		Sr. No. 27 (Page 38) of GTP	ABB,Siemens,L&T,EATON,Schneider,Legrand. MCCB Should have intregated OL,SC & E/F Protection	Also request you to please consider Havells Make MCCB & HRC Fuse.		Accepted
		Sr. No. 28 (Page 38) of GTP	25 Amp HRC Fuse (06 Nos)- L&T, Siemens,EATON,ABB,Schnieder			
4	63KVA LTDB	Sr. No. 26 (Page 40) of GTP	100 Amp 40KA TP MCCB- 01 Nos	40kA is not a standard capacity of MCCB. 36kA or 50kA is nearest standard rating. So kindly confirm it. Pls consider the same as was considered by TPSODL in their corrigendum for a similar tender.		Accepted
		Sr. No. 27 (Page 40) of GTP	ABB, Siemens, L&T, EATON,Schneider, Legrand.MCCB Should have intregated OL,SC & E/F Protection.	Also request you to please consider Havells Make MCCB & HRC Fuse		

		Sr. No. 28 (Page 40) of GTP	63 Amp HRC Fuse (03 Nos), 25 Amp HRC Fuse (03 Nos). L&T, Siemens, EATON,ABB,Schnieder	HRC Fuse.		
5	100KVA LTDB	Sr. No. 26 (Page 42) of GTP	For 100 KVA : 160 Amp 40KA TP MCCB -01 No.	40kA is not a standard capacity of MCCB. 36kA or 50kA is nearest standard rating. So kindly confirm it. Pls consider the same as was considered by TPSODL in their corrigendum for a similar tender.		Accepted
		Sr. No. 27 (Page 42) of GTP	ABB, Siemens, L&T, EATON,Schneider, Legrand.MCCB Should have intregated OL , SC & E/F Protection	Also request you to please consider Havells Make MCCB & HRC Fuse.		
		Sr. No. 28 (Page 42) of GTP	For 100 KVA : 100Amp HRC Fuse base (03 Nos) and 63Amp HRC Fuse base (03 Nos). HRC Fuse make- L&T, Siemens, EATON,ABB,Schnieder			
6	CTs	Annexure-2 (Page No. - 46)	Resin Cast Ring Type CT - 50/5,100/5A, 200/5A, 400/5A, 800/5A, 1000/5A, 1500/5A	It not feasiable to manufacture 50/5A in reasonable size & cost. For such low ratio, wound primary CTs are generally used. So request you to please consider 50/5A wound Primary CT instead of Ring Type. There are mentioned in technical specification that Resin Cast Ring Type CT are 50/5,100/5A, 200/5A, 400/5A, 800/5A, 1000/5A, 1500/5A. But as per current rating of transformer, it should the below. Please also confirm the same. 1. 50/5A for 25KVA LTDB, 2. 100/5A for 63KVA LTDB, 3. 200/5A for 100KVA LTDB,		Resin Cast CT (Ring Type) is required Size as per Tender Spec.

7	Type Test Certificates	Clause No-8 (Page No.- 74)	The Bidder shall furnish the type test certificates of the tests as mentioned above as per the corresponding standards. All the tests shall be conducted at CPRI/ERDA/Other Govt. Labs as per the relevant IS/IEC. Type tests should have been conducted in certified Test laboratories during the period not exceeding 5 years from the date of opening the bid. In the event of any discrepancy in the test reports, i.e. any test report not acceptable, same shall be carried out without any cost implication to TPCODL.	Request you to please incorporate the below. All the tests shall be conducted at CPRI/ERDA/Any NABL Accredited Lab (i.e. CIPET/NTH) as per the relevant standards.		Only CPRI/ERDA SMC Test from CIPET/NTH
Commercial Queries:-						
1	Qualification Criteria	Clause 1.7, b (Page No. 4)	Bidder shall submit the performance certificate of satisfactory performance of supplied LT Distribution Boxes during the last 03 years from any reputed Power Distribution Utility.	Bidder shall submit the performance certificate of satisfactory performance of supplied LT Distribution Boxes during the last 05 years from any reputed Power Distribution Utility.		Accepted

1	19	Page 13 of 23	Clearance between busbars. **40 mm Min**		As per IS Standards	As per Tender Spec
2	19	Page 13 of 23	Clearance between busbar & Box walls. **40 mm Min**		As per IS Standards	As per Tender Spec
3	19	Page 13 of 23	Terminal Spreader rating		Spreader not considered, direct cable connection upto 100A MCCB will be provided	Spreaders are required as There is clearance issue after cable connection
4	19	Page 13 of 23	Standard Corrugated box packing		Packing considered is basic Cellophane + Cardboard wrapping.	It is the responsibility of supplier to ensure packages arrive at site undamaged. Sufficient Packing to be ensured accordingly
#	**LT DB 250kVA and 500kVA GI Enclosure**					
1	19	Page 12 of 19	Load Bearing Size		3.0 mm	As per Tender Spec

2	19	Page 12 of 19	Non - Load Bearing Size		3.0 mm	As per Tender Spec
3	19	Page 13 of 19	Clearance between busbars. **40 mm Min**		As per IS Standards	As per Tender Spec
4	19	Page 13 of 19	Clearance between busbar & Box walls. **40 mm Min**		As per IS Standards	As per Tender Spec
5	19	Page 13 of 19	Standard Corrugated box packing		Packing considered is basic Cellophane + Cardboard wrapping.	It is the responsibility of supplier to ensure packages arrive at site undamaged. Sufficient Packing to be ensured accordingly
#	**LT DB-RING SYSTEM GI Enclosure**					
1	4	Page 3 of 13	Ambient Temperature **0-55 deg**	We will provide ambient temperature as per standard only	0 - 50 deg	0 - 50 deg
2	4	Page 3 of 13	Storage Temperature **0-70 deg**	We will provide ambient temperature as per standard only	0 - 45 deg	0 - 50 deg
3	4	Page 4 of 13	Breaking Capacity of MCB 20kA	As per standard only	Considered 10kA	As per Tender Spec
1				**1. For 250KVA LTDB**		
				Regarding Outgoing Fuse Rating: As per Tender Specification Page There are 4 No. of Outgoings and the		3 Outgoings (200,200,160)
2				**2. For Feeder Pillar (630A/400A)**		
				In GTP MCB's Breaking Capacity is mentioned as 20KA, but as per market available MCB's standard Breaking Capacity is 10KA. Please confirm what we should consider.		This shall be as per TS