

<b>Reply to Pre-Bid Query</b>				
Tender No :	TPCODL/P&S/1000000085/2021-22			
Tender Name :	Rate Contract for Supply of LTDB for 11/0.433KV Distribution Transformers of various ratings			
Sr. No.	Detailed Reference to concerned Document . Please specify Document No / Clause No / Page No	Description as per Bid Document	Query / Clarification / Deviation	TPCODL Response
1	2	3	4	5
1	Clause No. 1.4.4/Page No 5 of 124, Clause No 13 of Technical Specification, Page No 91 of 124	Mandatory requirements (i.e. Drawing, Type test details along with sample of each item as specified at Annexure 1 (as applicable)	<b>As there are certain clarifications which needs to be clarified before sample preparation and as considerable time frame is required for procuring of raw materials to be fitted inside the box for complete sample preparation and as the samples are very bulky in nature to transport in time before Due date , Requesting to confirm if sample submission clause can be waived off.</b>	Tender Clause Stands. Sample inspection is mandatory and It is the responsibility of the bidder to make necessary arrangements based on whether inspection is to be done at office or at Manufacturing Facility
			<b>We propose for Proto inspection for succesful bidder at his factory premise before commencement of bulk order</b>	NA
2	Clause No 1.7.b / Page No 5 of 124	Qualificaton Requirement, (i.e. Copy of Completion certificate / performance certificate to be submitted.	<b>We request you to consider documents such as Purchase Orders Copies, Dispatch instructions and Dispatch Invoice Details to fulfill Qualification Requirements instead of performance certificates as performnace certificates are not available for orders still in guarantee period.</b>	Tender Clause Stands
<b>GTP for 25KVA LTDB</b>				
1	Clause No. 19/ Page No 93 & 94 of 124	<b>GTP for 25KVA LTDB</b>		
		Sl. No. 03	<b>Color of Box</b> - Requesting you to please consider Off White Color of Box which is standard in built colour of the SMC Material and provides better UV Protection as compared to any colours.	Tender Clause Stands
			<b>Option 1</b> - We propose a box size of 1000x500x170 mm (HxLxW) for appropriate fittings with appropriate creepage distances between the MCCB's, HRC Fuses and meter mounting bracket. <b>We have considered meter mounting bracket dimension of 140x190mm (LxW) referring to your Drawing in TS (Page 103 of 124).</b> - Please see GA Drawing attached as Annexure 2.	c

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		Sl. No. 04	<p>Furthermore, referring to Sl. No. 05.(iii) 1000x500x170mm (HxLxW) box as proposed by us is accepted with meter mounting bracket of dimension 140x190mm (LxW), we request you to please consider single door provision which shall not have any technicality or functionality issues.</p> <p><b>Option 2 - We propose a box size of 1000x800x300 mm (HxLxW)</b> for appropriate fittings with appropriate creepage distances between the switchgears items and meter (<b>herein meter dimension is considered as 400x400x150mm as per TS Page No 85 of 124</b>). Please see GA Drawing attached as Annexure 2.</p>	
		Sl. No. 13	Outgoing Aluminium Riser / Dropper shall be flexible Copper Wire instead of 25x3mm Busbar. (Same has been showed in Sample Drawing)	Shall be Al Busbars of appropriate sizing.
			<b>CT Scope- Requesting Detailed Specification &amp; Drawing of CT to be used for 25KVA LTDB.</b>	
		Sl. No. 33	Also Requesting <b>CT to be included in bidder scope as without CT dimensions, proper busbar fitment and wiring cannot be done.</b> Furthermore it is not advised to open the busbar from box during site installations and fit the CT in busbar onsite as site workers may not be properly trained to do so and any small misfitment may cause severe disastar. Furthermore, if CT is added to bidder scope, then it is requested to share detailed specification of CT to quote properly.	Accepted (CT Specification shall be provided by Owner)
		Sl. No. 34	<b>LED Indicator Lamp-</b> Request to include supply of LED Indicator lamp in bidder scope as fitting the LED Lamp during site installations is risky and site workers may not be properly trained to do so and any small misfitment may cause damages if not fitted properly.	Indication Lamp in scope of Bidder
<b>GTP for 63KVA LTDB</b>				
1	Clause No. 19/ Page No 95 & 96 of 124	<b>GTP for 63KVA LTDB</b>		
		Sl. No. 03	<b>Color of Box</b> - Requesting you to please consider Off White Color of Box which is standard in built colour of the SMC Material and provides better UV Protection as compared to any colours.	Tender Clause Stands
			<b>Dimension of the Box</b> - considering the standard sizes of the HRC Fuse (make L&T as per TS), MCCB (make L&T as per TS) and Meter (size as per TS i.e. 400x400x150mm), we understand that all accessories cannot be fitted in box size of 1010x1000x500mm (HxLxW)- <b>Please see GA Drawing attached as Annexure 4</b> wherein overlapping of meter with switchgear items is shown. We thus proposes 2 options for the same	

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		Sl. No. 04	<p><b>Option 1</b> - We propose a box size of 1010x1000x325mm (HxLxW) for appropriate fittings with appropriate creepage distances between the MCCB's, HRC Fuses and meter mounting bracket (herein we have considered meter mounting bracket dimension of 140x190mm (LxW) referring to your Drawing in TS (Page 103 of 124). - Please see GA Drawing attached as Annexure 5.</p> <p><b>Option 2</b> - We propose a box size of 1050x1305x325 mm (HxLxW) for appropriate fittings with appropriate creepage distances between the switchgears items and meter (herein meter dimension is considered as 400x400x150mm as per TS Page No 85 of 124). Please see GA Drawing attached as Annexure 6.</p>	<p>Dimensions in mm:  For 25KVA Dimension of LTDB :1000X500X170  For 63KVA Dimension of LTDB :1010x1000x325  For 100KVA Dimension of LTDB:1010x1000x325  For 250KVA Dimension of LTDB:1800x1600x500  For 500KVA Dimension of LTDB: 2300x2500x500</p>
		Sl. No. 33	<p><b>CT Scope-</b> Requesting Detailed Specification &amp; Drawing of CT to be used for 25KVA LTDB.</p> <p>-</p>	
		Sl. No. 34	<p><b>LT Indicator Lamp-</b> Request to include supply of LED Indicator lamp in bidder scope as fitting the LED Lamp during site installations is risky and site workers may not be properly trained to do so and any small misfitment may cause failure of the same.</p>	Indication Lamp in scope of Bidder
<b>GTP for 100KVA LTDB</b>				
1	Clause No. 19/ Page No 97 & 98 of 124	<b>GTP for 100KVA LTDB</b>		
		Sl. No. 03	<p><b>Color of Box-</b> Requesting you to please consider Off White Color of Box which is standard in built colour of the SMC Material and provides better UV Protection as compared to any colours.</p>	Tender Clause Stands
			<p><b>Dimension of the Box</b> - considering the standard sizes of the HRC Fuse (make L&amp;T as per TS), MCCB (make L&amp;T as per TS) and Meter (size as per TS i.e. 400x400x150mm), we understand that all accessories cannot be fitted in box size of 1010x1000x500mm (HxLxW)- <b>Please see GA Drawing attached as Annexure 7</b> wherein overlapping of meter with switchgear items is shown. We thus proposes 2 options for the same</p>	

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		Sl. No. 04	<p><b>Option 1</b> - We propose a box size of 1010x1000x325mm (HxLxW) for appropriate fittings with appropriate creepage distances between the MCCB's, HRC Fuses and meter mounting bracket (herein we have considered meter mounting bracket dimension of 140x190mm (LxW) referring to your Drawing in TS (Page 103 of 124). - Please see GA Drawing attached as Annexure 8.</p> <p><b>Option 2</b> - We propose a box size of 1050x1305x325 mm (HxLxW) for appropriate fittings with appropriate creepage distances between the switchgears items and meter (herein meter dimension is considered as 400x400x150mm as per TS Page No 85 of 124). Please see GA Drawing attached as Annexure 9.</p>	<p>Dimensions in mm:  For 25KVA Dimension of LTDB :1000X500X170  For 63KVA Dmension of LTDB :1010x1000x325  For 100KVA Dimension of LTDB:1010x1000x325  For 250KVA Dimension of LTDB:1800x1600x500  For 500KVA Dimension of LTDB: 2300x2500x500</p>
		Sl. No. 33	<p><b>CT Scope-</b> Requesting Detailed Specification &amp; Drawing of CT to be used for 25KVA LTDB.</p> <p>Also Requesting <b>CT to be included in bidder scope as without CT dimensions, proper busbar fitment and wiring cannot be done.</b> Furthermore it is not advised to open the busbar from box during site installations and fit the CT in busbar onsite as site workers may not be properly trained to do so and any small misfitment may cause severe disastar. Furthermore, if CT is added to bidder scope, then it is requested to share detailed specifcation of CT to quote properly.</p>	<p>Accepted (CT Specification shall be provided by Owner)</p>
		Sl. No. 34	<p><b>LT Indicator Lamp-</b> Request to include supply of LED Indicator lamp in bidder scope as fitting the LED Lamp during site installations is risky and site workers may not be properly trained to do so and any small misfitment may cause failure of the same.</p>	<p>Indication Lamp in scope of Bidder</p>
<b>GTP for 250KVA LTDB</b>				
1	Clause No. 19/ Page No 99 & 100 of 124	<b>GTP for 250KVA LTDB</b>		
			<p><b>Dimension of the Box</b> - considering the standard sizes of the HRC Fuse (make L&amp;T as per TS), MCCB (make L&amp;T as per TS) and Meter (size as per TS i.e. 400x400x150mm), we understand that all accessories <b>cannot be fitted in box size of 1200x1400x500mm (HxLxW) - overlapping of meter with switchgear items will happen. We thus proposes 1 options for the same.</b></p>	

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		Sl. No. 02 & 04	<p><b>Option 1</b> - We propose a box size of <b>1800x1600x500 mm (HxLxW) which shall be Fabricated and Plinth Mounted</b> for appropriate fittings with appropriate creepage distances between the MCCB's, HRC Fuses and meter. - <b>Please see GA Drawing attached as Annexure 10.</b></p> <p>Hot Press Moulding of Boxes of this size is not possible and can be made bt <b>Fabrication Process Only (i.e. using SMC Angle Channels &amp; SMC Sheet and through the process of riveting the same). In Year 2017 we have supplied the similar type of 250KVA &amp; 500KVA LTDB's to CESU using the same Fabrication Techniques and the boxes are accepted and performing well in site as on date. (Please refer Annexure 12 for Pictures &amp; Approvals from Previous supplies made to CESU).</b> Request you to please accept and confirm the same.</p>	<p>Dimensions in mm:  For 25KVA Dimension of LTDB :1000X500X170  For 63KVA DImension of LTDB :1010x1000x325  For 100KVA Dimension of LTDB:1010x1000x325  For 250KVA Dimension of LTDB:1800x1600x500  For 500KVA Dimension of LTDB: 2300x2500x500</p> <p>Hot Press Moulding is requirement (Dimensions (mm)shall be 1800x1600x500 )</p>
		Sl. No. 33	<p><b>CT Scope- Requesting Detailed Specification &amp; Drawing of CT to be used for 25KVA LTDB.</b></p> <p>Also Requesting <b>CT to be included in bidder scope as without CT dimensions, proper busbar fitment and wiring cannot be done.</b> Furthermore it is not advised to open the busbar from box during site installations and fit the CT in busbar onsite as site workers may not be properly trained to do so and any small misfitment may cause severe disastar. Furthermore, if CT is added to bidder scope, then it is requested to share detailed specfication of CT to quote properly.</p>	Accepted (CT Specification shall be provided by Owner)
		Sl. No. 34	<p><b>LT Indicator Lamp-</b> Request to include supply of LED Indicator lamp in bidder scope as fitting the LED Lamp during site installations is risky and site workers may not be properly trained to do so and any small misfitment may cause failure of the same.</p>	Indication Lamp in scope of Bidder
<b>GTP for 500KVA LTDB</b>				
1	Clause No. 19/ Page No 101 & 102 of 124	<b>GTP for 500KVA LTDB</b>		
			<p><b>Dimension of the Box</b> - considering the standard sizes of the HRC Fuse (make L&amp;T as per TS), MCCB (make L&amp;T as per TS) and Meter (size as per TS i.e. 400x400x150mm), we understand that all accessories <b>cannot be fitted in box size of 1200x1400x500mm (HxLxW) - overlapping of meter with switchgear items will happen. We thus proposes 1 options for the same.</b></p>	

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		Sl. No. 02 & 04	<p><b>Option 1</b> - We propose a box size of <b>2300x2500x500 mm (HxLxW) which shall be Fabricated and Plinth Mounted</b> for appropriate fittings with appropriate creepage distances between the MCCB's, HRC Fuses and meter. - <b>Please see GA Drawing attached as Annexure 11.</b></p> <p>Hot Press Moulding of Boxes of this size is not possible and can be made bt <b>Fabrication Process Only (i.e. using SMC Angle Channels &amp; SMC Sheet and through the process of riveting the same). In Year 2017 we have supplied the similar type of 250KVA &amp; 500KVA LTDB's to CESU using the same Fabrication Techniques and the boxes are accepted and performing well in site as on date. (Please refer Annexure 12 for Pictures &amp; Approvals from Previous supplies made to CESU).</b> Request you to please accept and confirm the same.</p>	<p>Dimensions in mm: For 25KVA Dimension of LTDB :1000X500X170 For 63KVA DImension of LTDB :1010x1000x325 For 100KVA Dimension of LTDB:1010x1000x325 For 250KVA Dimension of LTDB:1800x1600x500 For 500KVA Dimension of LTDB: 2300x2500x500</p> <p>Hot Press Moulding is requirement (Dimensions (mm)shall be 2300x2500x500 )</p>
		Sl. No. 33	<p><b>CT Scope- Requesting Detailed Specification &amp; Drawing of CT to be used for 25KVA LTDB.</b></p> <p>Also Requesting <b>CT to be included in bidder scope as without CT dimensions, proper busbar fitment and wiring cannot be done.</b> Furthermore it is not advised to open the busbar from box during site installations and fit the CT in busbar onsite as site workers may not be properly trained to do so and any small misfitment may cause severe disastar. Furthermore, if CT is added to bidder scope, then it is requested to share detailed specfication of CT to quote properly.</p>	Accepted (CT Specification shall be provided by Owner)
		Sl. No. 34	<p><b>LT Indicator Lamp-</b> Request to include supply of LED Indicator lamp in bidder scope as fitting the LED Lamp during site installations is risky and site workers may not be properly trained to do so and any small misfitment may cause failure of the same.</p>	Indication Lamp already in scope of Bidder
			<p>we would request you to please consider using SS Nuts &amp; Bolts for all electrical connections as well as body structural purposes which shall prevent any rusting issues as well enhance performance of the LTDB's.</p>	Accepted
1			<p>We have 2 queries:-</p> <p>1) BOM of the Panels is not defined also TS is incomplete please provide complete TS</p> <p>2) Please add M/S HPL Make for MCCB, ACB, HRC FUSE BASE &amp; LINK.</p>	Incommer MCCB, O/G Fuses Size and Qty given .Necessary Safety clearance in Bus-Bars to be given as per Standards.

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1	13 , Tender Sample of TS 25KVA, 63KVA, 100KVA, 250KVA & 500 kVA SMC LT DISTRIBUTION BOX with MCCBs and HRC fuse  Page- 91	Bidder shall submit the sample of material with the offer (in case of first supply to TPCODL).	These Samples size is very large and due to very short time of tender submission it is not possible to submit the tender sample (1 No. each of line item). And we are existing supplier of FRP Fencing in TPCODL) In this case Tender Sample clause is acceptable or not, please clarify	Tender Clause Stands.Sample inspection is mandatory and It is the responsibility of the bidder to make necessary arrangements based on whether inspection is to be done at office or at Manufacturing Facility
			As stated above box size is large, the manufacturing of complete box is not possible Through hot compression mode, only smc sheets fabricated through compression mode, please clarify	Hot Press Moulding is requirement
2	13 , Tender Sample of TS 25KVA, 63KVA, 100KVA, 250KVA & 500 kVA SMC LT DISTRIBUTION BOX with MCCBs and HRC fuse  Page- 91	Bidder shall submit the sample of material with the offer (in case of first supply to TPCODL).	1.In the referred clause, tender submission place is not given, please clarify 2. If the tender sample is mandatory, we need some more time for the tender sample submission.	Tender Clause Stands
3	15, Tender Sample of TS 1 MVA  pagae-122	Bidder shall submit the sample of material as specified by TPCODL COMPANY	This Sample size is very large and due to very short time of tender submission it is not possible to submit the tender sample (1 No. Sample). And we are existing supplier of FRP Fencing in TPCODL) In this case Tender Sample clause is acceptable or not, please clarify	Tender Clause Stands
1			We would like to bring to your kind information that we have available type test for SMC 1Ph and 3Ph LTDB request you to kindly consider the same for this tender also	Query not clear
			kindly procure Deep Drawn MS boxes instead of SMC boxes. SMC material is not recyclable and causes huge damage to our environment. The Central Board of Pollution control has also advised to not use SMC as it is not recyclable and hence deep drawn MS boxes are far better as they do not cause any pollution	Tender Clause Stands