

<b>FORMAT F.1</b>				
<b>Format for Query / Clarification / Deviation (QCD)</b>				
Tender No: TPNODL/OT/2022-23/22N32 Dt. 27.04.22				
Package Name: RATE CONTRACT FOR SUPPLY OF 33kV, 11kV POTENTIAL & CURRENT TRANSFORMER in TPNODL Area				
Note :	The said format to be used only for any Pre-bid Query / Clarification/ Deviation on any of the Tender documents			
<b>Sr. No.</b>	<b>Detailed Reference to concerned Document . Please specify Document No / Clause No / Page No</b>	<b>Description as per Bid Document</b>	<b>Query / Clarification / Deviation</b>	<b>TPNODL Response</b>
<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>
1	9.4 MSME Development ACT 2006. Clause.b / Page No: 10	Earnest Money Deposit (EMD): EMD shall be exempted for MSME registered in the State of Odisha. However, Bidder shall be barred to participate in the tendering process for a period of 2 years in case it backs out post award of the contract.	We request to kindly give the EMD Exemption for MSME registered unit or 50% of exemption for MSME registered unit of Other State. Being a MSME unit Rs.6,00,000/- is huge amount to deposit. We request you to kindly issue the EMD exemption for MSME registered units of other state. As you aware that many SEB's are providing Exemption for MSME Unit to paying of tender fees and EMD. Also TPWODCL, Burla also provided 50% exemption for other State MSME registered unit. We request you to kindly to the needful.	No As Per Tender Only
2	Tender Due date	up-to 21.05.2022.	We request you to kindly extend the bid submission date upto 05-06-2022. Please note we have to execute EMD in the form of BG, so the banker needs minimum 10-15 days to get the BG from our banker. Also we need to work-out Design for your requirements of CTs & PTs. We request you to kindly extend the tender submission due date, so that we can quote our most competitive offer for the supply of 11kV, 33kV O/D type CTs, PTs and serve you in this regard. Based on your confirmation we have apply BG in our bank. We once again request you to kindly do the needful & we are waiting for your kind confirmation. We regret for the inconvenience caused.	Extension will be available & informed on website
3	Scope of work (Quantity)	CT 33KV OIL COOL 400-200-100/1-1-1A O/D - 300 Nos CT 11KV O/D 1P CTR 600-300-150/1-1-1A - 300 Nos CT 11KV 1P O/C CTR 800-400-200/1-1-1A - 300 Nos PT 33KV O/D OIL FILLED - 300 Nos PT 11KV 1P - 300 Nos	As per your revised specification for 33KV & 11KV Outdoor Current Transformer you have mentioned Ratio: 800-400-200/1-1-1. Kindly confirm CT 11KV O/D 1P CTR 600-300-150/1-1-1A - 300 Nos is required or not, also confirm revised quantity of 11kV & 33kV Outdoor Current Transformer and Potential Transformer for each items (CTs, PTs).	FOR QUANTITY FOLLOW OLD SPEC.

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1	2	3	4	5
4	Technical specification for 11kV PT & PT	PT 33KV O/D OIL FILLED PT 11KV 1P	For 11kV & 33kV PT, we have to follow the new revised technical specification (TS) or old technical specification (TS) published with tender. Please confirm.	3P/0.2 50VA TWO WINDING
5	Technical specification for 11kV CT	CT 11KV 1P O/C CTR 800-400-200/1-1-1A	For 11kV CT, Ratio: 800-400-200/1-1-1A we have to follow the new revised technical specification or old specification published with tender. Please confirm.	0.2S 30VA 5P20
6	Technical specification for 33kV CT	CT 33KV 1P O/C CTR 800-400-200/1-1-1A	Please confirm, the requirement of 33kV CT is Ratio: 400-200-100/1-1-1A or Ratio: 800-400-200/1-1-1A. If 33kV CT is Ratio: 400-200-100/1-1-1A, we can consider old specification published with tender. Please confirm.	33KV 400/200/100/1-1-1(0.2S 5P20 15VA) 11KV 600/300/200/1-1-1 (0.2S 5P20 15VA) 11KV 800/400/200/1-1-1(0.2S 5P20 30VA)
7	Accuracy Limit Factor (TECHNICAL SPECIFICATION, Page 5 of 22) Old tender document	CT 11KV O/D 1P CTR 600-300-150/1-1-1A CT 33KV OIL COOL 400-200-100/1-1-1A	Accuracy Limit Factor & Burden: 5P20 / 15 VA or 5P10 / 15VA as per old TS	5P20 / 15 VA
8	Accuracy class & Burden for Metering (TECHNICAL SPECIFICATION, Page 5 of 22) Old tender document	CT 11KV O/D 1P CTR 600-300-150/1-1-1A CT 33KV OIL COOL 400-200-100/1-1-1A	Accuracy class & Burden for Metering core: 0.2 / 15 VA old TS or 0.2S / 30 VA as per new TS - Please confirm	0.2S 15 VA
9	Knee point Voltage (TECHNICAL SPECIFICATION, Page 6 of 22, Old TS & Page 3 of 14, as per new TS)	CT 11KV O/D 1P CTR 600-300-150/1-1-1A CT 33KV OIL COOL 400-200-100/1-1-1A CT 11KV 1P O/C CTR 800-400-200/1-1-1A	VK>250V at 300/1A & >=500V at 600/1. Maximum exciting current at Vk/4 shall not be more than 30mA. Rct=5 ohm at 300/1A ( For 12kV, 1-Phase, 600-300-150/1-1-1 Amp) VK>250V at 200/1A & >=500V at 400/1. Maximum exciting current at Vk/4 shall not be more than 30mA. Rct=5 ohm at 200/1A ( For 36kV, 1-Phase, 400-200-100/1-1-1 Amp) > 500V at 400/1 as per new TS or > 500V at 800/1 as per old TS - Please confirm	1) VK>250V at 200/1A & >=500V at 400/1. Maximum exciting current at Vk/4 shall not be more than 30mA. Rct=5 ohm at 200/1A ( For 36kV, 1-Phase, 400-200-100/1-1-1 Amp) 2) VK>250V at 300/1A & >=500V at 600/1. Maximum exciting current at Vk/4 shall not be more than 30mA. Rct=5 ohm at 300/1A ( For 12kV, 1-Phase, 600-300-150/1-1-1 Amp) 3) VK>250V at 400/1A & >=500V at 800/1. Maximum exciting current at Vk/4 shall not be more than 30mA. Rct=5 ohm at 400/1A ( For 12kV, 1-Phase, 800-400-200/1-1-1 Amp)
10	Resistance of Secondary winding (Page 3 of 14, as per new TS)	CT 11KV 1P O/C CTR 800-400-200/1-1-1A	<6 Ohms @ Which tap, as per new TS	

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1	2	3	4	5
	General Condition			TERMINAL BIMETALIC CONNECTORS TO BE PROVIDE FOR ALL CT'S AND PT'S FOR EACH 3 NOS CT'S:1 JUNCTION BOX FOR EACH 3 NOS PT'S:1 JUNCTION BOX
1	Document no. TPNODL-ENG_ELC_017 dt 9.5.22 General requirement Accuracy class & Burden clause no. 4.12 & 4.13 / Page 3 of 14 Specification for 11 KV & 33 KV PTs	Accuracy class 3P / 3P /0.2 Burden 100VA	As per original specification the accuracy class of PT is 0.5 and having Burden of 50VA. 3 Winding PTs are not required for 11 KV & 33 KV system & Burden of 100VA is very – very high. So we request you to specify the accuracy & burden as per the original tender documents i.e.	two winding(PT) 3P/0.2 50VA
2	Capcitanace test tap required clause no. 5.1 / Page 5 of 14		Capacitance test tap are not required for 11 KV & 33 KV Voltage class PT, it is required for PT having voltage class 72.5 KV and above. So kindly omit the requirement of Capacitance test tap from	OK
3	Bushing clause no. 5.3 / Page 5 of 14	The bushing shall be of oil filled condenser type. Oil filled bushings shall be hermetically sealed to prevent ingress	33 KV & 1 KV Bushings are not condenser type. Kindly amend t it as " The bushings should confirm IS:2099,	OIL FILLED
4	Routine Test clause no. 7.1(v) / Page 6 of 14	Partial Discharge Measurement	This test is applicable for oil filled PTs having voltage class of 72.5 KV and above and not applicable for 11 & 33 KV oil filled PTs. So kindly remove these tests from	OK
5	Optional Test clause no. 7.4 / Page 7 of 14	Chopped Lightning Impulse Test STC Capacity Test Commissioning Test	1st 2 tests are not applicable for 11 KV & 33 KV PTs. Commissioning Test is only appliccable for non earthed PT, so kindly remove these tests from specification	STC NEED TO CONDUCT FOR BOTH 11 KV AND 33KV
1	Document no. TPNODL-ENG-ELC-016 dt 9.5.22 page 1 of 14, your mail dt 17.5.22 at 7.16 PM	As per mail, there is no change in tehcnical specification of 11 KV & 33 KV CTs But specification of 11 KV & 33 KV CTs as per document TPNODL-ENG-ELC-016 dt 9.5.22 is entirly different from the original 11 KV & 33 KV CT specification	Please confirm that the 11 KV & 33 KV CT required are as per original document of the tender.	33KV 400/200/100/1-1-1(0.2S 5P20 15VA) 11KV 600/300/200/1-1-1 (0.2S 5P20 15VA) 11KV 800/400/200/1-1-1(0.2S 5P20 30VA)
2	clause no. 1.1 SCOPE OF WORK of original specifaicaon & clause no. 12 of original technical specification Page no. 9	Junction Box is required as per clause no. 12. Junction box is not mentioned in scope of supply	Please clarify whether the junction box is required or not and if required then mention the quantity of junction box.	TERMINAL BIMETALIC CONNECTORS TO BE PROVIDE FOR ALL CT'S AND PT'S FOR EACH 3 NOS CT'S:1 JUNCTION BOX FOR EACH 3 NOS PT'S:1 JUNCTION BOX