

Tender No: TPCODL/P&S/2025-26/1000007872					
Tender Name: RC for SITC of Control Relay Panel at TPCODL for 1 Year					
Replies to Pre-Bid Query					
Sr No	Page No	Clause No	RFP Clause	Query/ Clarification Sought	TPCODL Response
1		Tender Document- 1000007872.pdf	Annexure-I SCHEDULE FOR ITEMS	1.Please confirm whether CRP panel is Triple feeder or single feeder. 2. Please confirm whether CRP panel is Double Trafo feeder or single Trafo feeder.	Tripple feeder in one CR Panel And Double Trafo feeder in one CR Panel (refer attached Indicative Drawing)
2		Tender Document- 1000007872.pdf	7.1. Special Conditions of Contract	Please confirm the Station names and details in how many stores the panels have to be unloaded.	Station names to be given during the time of RO; All panels will be unloaded at stores/site as per the requirement of TPCODL.
3		General	Integration activity with existing system	We have not considered any integration with existing Sub- station Automation System/RTU/Control Centre.	SITC will be in the part of Bidder,For SCADA Integration service support is required
4		Technical Specification_3 Tier & 2 Tier _CRP	4.3 CAT – VI:- 4 Pairs, 23 AWG Solid Bare Copper Conductor, PE Insulation, Unshielded Twisted Pair (UTP) with separator and PVC Outer Jacket It should be designed to the ANSI/TIA-568-C.2 ISO / IEC 11801 Category 6 requirements and transmit data at 1000 Mbps (~1 Gigabit per second) with a frequency of 250 MHz and suitable for 10BASE-T, 100BASE-TX Fast Ethernet and 1000BASE-T / 1000BASE-TX (Gigabit Ethernet).	We are not offering any CAT-VI cable.	Noted and accepted
5		17.0 Spares, Accessories and Tools:-	Spares for Project job for New Grids / Bay Extension	We understand that 10% spares need to be considered of Master Trip Relay (86), TNC switch, lamp, TB, other Aux relays only. Kindly confirm.	Noted and accepted
6		7.1 Special Conditions of Contract	In the event any defect is found by the Company up to a period of 60 months from the date of commissioning, supplier shall be liable to undertake to replace/rectify such defects at his own costs.	Warranty shall be applicable lot wise. Kindly confirm.	Noted and accepted
7		7.1 Special Conditions of Contract	In the event any defect is found by the Company up to a period of 60 months from the date of commissioning, supplier shall be liable to undertake to replace/rectify such defects at his own costs.	We shall offer warranty as 60 months form commissioning or 66 months from supply, whichever is earlier	As per Tender Spec
8		General/Panel Type & Construction	5 GENERAL CONSTRUCTIONS General Construction of CRP	We understand that this tender is for INDOOR Type CRPs only. Further we shall offer Simplex Panels with double leaf door with Dimension of 2000x800x800mm(HxWxD).	No , Tripple feeder in one CR Panel And Double Trafo feeder in one CR Panel (refer attached Indicative Drawing)
9		5.2 Constructional features	However, the width of panels that are being offered to be placed in existing switchyard control rooms, should be in conformity with the space availability in the control room.	Pls share the details of existing stations & new stations covered under this tender. Further, we have not considered any dismantling scope of existing CRPs.	Shall be confirmed during tender evaluation time. For all PSS , Dismantling will be done.
10		5.4 Panel internal Wiring /	All wiring shall be with 1100 V grade, single core, PVC insulated stranded copper conductor. Wires shall be vermin proof. Minimum size of conductor shall be 2.5 sq. mm in general,	We shall use 1.5sqmm for control and 2.5 sqmm for CT / VT and power circuit as these sizes are more than sufficient. Please confirm.	As per Tender Spec
11		Service SLA		We understand that any type of AMC is not part of the scope of work. Please confirm.	As per Tender Spec
12		Tender BoQ/CR PANEL FOR TFR PROTECTIN FOR 33KV VCB.		We shall offer Control & protection for 33kV side only.	Tripple feeder in one CR Panel And Double Trafo feeder in one CR Panel (refer attached Indicative Drawing)

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13		General	Engineering Panel Manufacturing & FAT	The panels shall be manufactured and offered for inspection at our panel builder workshop. No. inspection is envisaged in Siemens factory	However , Siemens to ensure quality of product and complete supervision is required from Siemens side and Factory evaluation and other credentials shall be checked during tender evaluation.
14		General Commercial Terms	GRN at site	Payment cycle would start from receipt of Panels at stores. No interlock with GRN to be considered.	As per Tender Spec
15		General	Drawing Approval	Typical drawings shall be approved by Tata Power in one go for complete RC package	Noted and accepted
16		General	Site Scope of Work	Our scope for site shall be limited up to Supply & Testing & Commissioning of CRP Panels mentioned in the BOQ. Erection, Installation, any other activity like earthing, minor/major civil work, cable laying & terminations etc. is not in our scope.	Cable Glanding ,termination & earthing connectivity with the existing control room shall be in Bidder scope
17		General	Station Details	Pls share the grid details covered under this package.	Shall be confirmed during tender evaluation time
18		Technical/Protection	33/11Kv Transformer protection panel	4.We will consider the Transformer differential protection relay for HV with inbuilt OC/EF (16DI & 12DO) and Backup OC/EF for LV side (24DI & 12DO)	In last Tender , We have standardized TPCODL 3F and 2T Scheme diagram , accordingly Bidder to provide (Refer Indicative Drawing)
19		Technical/Protection	Metering	Please confirm that Ammeter, Voltmeter, MW meter & MVAR meter, Energy Meter is not required	TVM /Smart Meter shall be under TPCODL Scope , However TTB ,3 Phase 4 wire front end Connection 50A .DAV/IMP Make is required ,Sdpce for TVM : 320*220*100mm
20		General	Training	Any kind of training is not required in the tender.	We will appreciate ,if Bidder will provide training at free of Cost
21	Tender Document-1000007872	1.7.A Technical qualifications:	The bidder should be an OEM for tendered equipment.	Kindly confirm C&R panel manufacturer can participate in this tender or not.	Yes ,However credential required i.e. performance certificate , Type test validation as per TS , Past supplied etc and Other will be as per Tender Pre-Qualification Criteria.
22	Tender Document-1000007872	7.5 Payment Terms Supply Part	Supply Part : 90% Payment shall be made within 60 days of submission of error free & certified invoice upon successful delivery of the equipment. ITC Part : 100% Payment shall be made within 60 days after successful installation and commissioning of the equipment and submission of error free & duly certified invoice.	For MSME, can be payment terms be considered as 45 days from the date of supply. Please confirm For MSME, can be payment terms be considered as 45 days from the date of installation for 70 % of the order value and 30 % of the order value for commissioning. Please confirm	As per Tender Terms and Conditions. MSME BAs registered in the state of Odisha will have payment terms of 45 Days.
23	Technical Specification_3 Tier & 2 Tier _CRP	4.5.GPS clock		Kindly confirm requirement of GPS clock is part of this tender or not.	Not Required
24	Technical Specification_3 Tier & 2 Tier _CRP	5 GENERAL CONSTRUCTIONS General Construction of CRP 5.1 Panel Arrangement	Panel shall be 3 tier for feeder protection and 2 tier for transformer protection.	Please clarify the minimum panel dimension. Since tender refers to 3 tier & 2 tier panel without back	2315(H)*1000(Width)*800(depth) _for both ,with rear side sealed , as there is space constraint

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25			Each Tier shall have independent Door with locking arrangement Cable Alley shall be on Left/Right Side of CRP. There shall be no rear access. Panel with Water and Dust proof design shall consist of a vertical front panel with Relays, Meters, Mounted on Inner Door thereon and having wiring access from Front for control panels. In case of panel having width equal to or more than 1000mm, and height of 2200mm Single leaf-doors shall be provided on front and two leaf doors on back side. Doors shall have handles with either built-in locking facility or will be provided with pad-lock.	access AS WELL AS rear door access in case of width > 1000 mm & height > 2200 mm.	2315(H)*1000(Width)*800(depth) _for both ,with rear side sealed , as there is space constraint
26	General	Delivery terms		Our understanding is that the delivery location shall be to the regional stores. If not, kindly provide us with the site locations to quantify the work.	TPCODL Stores/ If for a specific case site location is given; it will be specified at the time of RO
27	General	Delivery terms		RO shall be issued for single LOT or multiple LOTs. Kindly clarify, this is required to quantify the logistics.	RO shall be issued as per the requirement within the RC Validity period.
28	General	Installation works		Our understanding is that the supply & installation of communication cables (CAT 6 & serial cables) and instrumentation cables (12 C, 7 C, 5 C etc) for the signal extension from the field equipment to C & R panel is Customer scope. Bidder scope is limited to the installation of the supplied C & R panels and it's testing. Please confirm	Ok, However relay communication cable as spare shall be provided and termination of signal cables will be under Bidder scope
29	Technical Specification_3 Tier & 2 Tier _CRP			Spare quantity mentioned at section 18 part of BOQ or not. Kindly clarify.	20% spares need to be considered of Master Trip Relay (86), TNC switch,lamp & other Aux relays
30	General			How many bays to be accommodated within a 3 tier feeder protection C&R panel. Kindly confirm.	3 Line bays shall be controlled from 3 tier feeder
31	General			How many bays to be accommodated within a 2 tier transformer feeder protection C&R panel. Kindly confirm.	2 Trafo bays shall be controlled from Transformer feeder
32			Clause 4 & Page No. 5/30 4.2 General System Design Enclosure protection shall be IP54 from front and IP 20 from rear. Clause 5 & Page No. 16/30 5.2 Constructional features The enclosure shall provide a degree of protection not less than IP-55 in accordance with IS: 2147.	We shall supply the panel as per our type tested design with Degree of Protection IP54. Kindly confirm the same.	Noted and Accepted

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33			Clause 5 & Page No. 16/30 Panel with Water and Dust proof design shall consist of a vertical front panel with Relays, Meters, mounted on Inner Door thereon and having wiring access from Front for control panels. In case of panel having width equal to or more than 1000mm, and height of 2200mm Single leaf-doors shall be provided on front and two leaf doors on back side. Doors shall have handles with either built-in locking facility or will be provided with pad-lock.	We shall supply the panel with height 2315 mm, in line with the past supply for NIT No.: TPCODL/CCG/24-25/1000000784 Kindly confirm the same.	Height : 2315 mm Length : 1000mm & Depth : 800mm ,As per last supply ,it is acceptable.
34			As per BOQ CR PANEL FOR 2 TRF FDR PROTECTION 33 KV	We shall supply the panel with provision of mounting of differential relay, in line with the past supply for NIT No.: TPCODL/CCG/24-25/1000000784. So, kindly confirm the differential relay is not in the bidder scope of supply.	(i) SPACE FOR TMU to be kept for each section (ii) SPACE FOR 87 DIFFERENTIAL RELAY for each section (iii) SPACE FOR TVM, MOUNTING PROVISION AND CUTOOUT SHALL BE PROVIDED for each section (iv)DC MCB with addon Block shall be provided for TMU ,87 Relay . (v)70 No of TBs to be provided for TMU & 87T relay (Vi)Sufficient no of Hinges with support shall be provided for front door