

Replies to Pre-Bid Queries: "SITC of 11KV and 33KV Control & Relay Panel and BCP" (Tender no. TPCODL/P&S/1000000119/2021-22)

S. No.	Clause No.	Page No.	Tender Description	Bidder's Query / Clarification	TPCODL Response
1	4.3 of Technical specification	96	Fibre Optic Cable - Between Control Room and Switchyard/ Switchgear Room: 4 Core, 62.5/125µm Multi-mode, Loose tube, Jelly filled, Armoured Fiber Optic Cable Within Control Room: 2 Core, 62.5/125µm Multi-mode Fiber Optic Patch Chord	Kindly confirm whether the same will be in our scope	In Bidders Scope
2	4.4 of Technical specification of Protection IED for 33/11kV	96	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)	Kindly confirm whether the same will be in our scope	In Bidders Scope
3	5.4 - Panel Internal wiring Technical specification for 33kV/11kV CRP	100	Fuse Failure relay and trip Circuit Supervision relay shall be suitably selected, considering burden and auxiliary voltage. External circuitry like compensating resistances will not be accepted.	Instead of aux relay for fuse failure and trip circuit supervision, can we consider both in numerical relay.	Accepted
4	16	119	Ethernet Switch	Kindly confirm whether the same will be in our scope	In Bidders Scope
5	-			Annunciator, Mimic, Semaphore requirement not specified. Please confirm whether same is required or not, if required please provide details of same.	Accepted, but Indication Lamps should be provided for all applications
6	-			Please specify the communication protocol for energy meter.	Please refer to Clause No. 5.12

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7	-			Whether Differential Relay is to be provided or not for Transformer protection panel. Pls confirm	YES, Differential Relay to be provided
8	-			Kindly provide the details for Ammeter, Voltmeter	Multifunction Meter is required
9	-			Kindly confirm the overall dimension of Panel (Height x Width x Depth)	To be provided during detailed engineering post award of order
10	General			We are a registered company categorised under MSME and we have the benefit of 50% waiver in EMD in other utilities like TPSODL etc. Kindly consider our request in this regard.	As per tender
11	General			We are manufactures of Control and Relay protection Panels' for Generation/Transmission/Distribution network,SCADA/SCS related engineered products with more than 15 years of service in the Indian market We are eligible to manufacture Control and Relay panels with protection class up to IP 55 certified by Central Power Institute of India (CPRI) we have attached our Type test report for your reference (In E-mail) Kindly consider our Control Relay panels for Supplying in this Project	As per tender
12	General		Supply of Energy Meters & Protection Relays	Any Manufacturer complying TPCODL specs can supply or any approved/preffered OEMs only Kindly clarify this point	Product of any make is acceptable if it is in line with TPCODL Spec.

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13				We think the 33kV and 11kV Control and relay panels are to be installed in place of existing panel. Hence all necessary cable from outdoor equipment are available and no extra cabling is required.	All necessary cables for panel integration with existing system to be provided
14				Dismantling of existing panel is owners responsibility, please clarify.	Dismantling of Existing Panel is in Bidder's scope
15				We presume the BCPU are to be mounted on existing panel. Necessary, support from maintenance staff and coordination for availing shutdown to be arranged by TPCODL. Please clarify.	Needed support will be provided to avail shutdown
16				There are three different types of C-R Panels a) C-R Panel for 33kv VCB b) C-R Panel for 11kv VCB c) C-R Panel for IC/OG Please confirm what relays , meters & others equipments would be required in individual Panels.	As per Specification
17				Total No. of C-R Panels are 136 ,where as service charges for CRP & BCPU are 150 each, Please Clarify.	Bidders to quote as per tender BOQ.
18				Further different spare relays like Master Trip / Protection relays for 33kv & 11kv are required. It has to be clarify whether it is same for above CRP or has to be installed at other Panel also .	To be provided during detailed engineering post award of order
19				Location of CRP to be installed are required for costing & service charges.	To be provided during detailed engineering post award of order
20				We are not registered with TPCODL But qualify all the criterions for this tender. So, Please confirm whether we are allowed to quote the tender.	This is an open tender. All Bidders can participate after submitting tender fee and EMD.