

Replies to Pre-Bid Queries - 2: "SITC of 11KV and 33KV Control & Relay Panel and BCPU" (Tender no. TPCODL/P&S/1000000119/2021-22)

S. No.	Clause No.	Page No.	Tender Description	Bidder's Query / Clarification	TPCODL Response / Modification
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	Not 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	Not in Bidders Scope
3	-	-	-	Specifications of Ethernet switches are not available in the Main Tender Document, only Guaranteed Technical Particulars are given. If the supply is in bidder's scope, kindly provide detailed specifications for the same (like no of RJ45 ports, no of fiber optic ports, etc.)	Not in Bidders Scope
4	-	-	-	Kindly provide the total quantities of Ethernet switches requirement in Control & Relay Panels	Not in Bidders Scope
5	-	-	-	Please confirm Setting calculation of relays is the scope of TPCODL	To be done by TPCODL
6	-	-	-	We need TPCODL support to know Segregation of details of substations where CRP need to be supply and Relays need to retrofitting	CRP means control and relay panel, thus all CRP will require relays as per specification of TPCODL

Replies to Pre-Bid Queries - 2: "SITC of 11KV and 33KV Control & Relay Panel and BCPU" (Tender no. TPCODL/P&S/100000119/2021-22)

S. No.	Clause No.	Page No.	Tender Description	Bidder's Query / Clarification	TPCODL Response / Modification
7	-	-	-	Please confirm Qty required for 24VDC and 48VDC for Master trip relays separately	Master trip relay shall be as per spec and should be applicable to both the aux voltages
8	-	-	-	Please suggest 2 sites for engineer's survey	Will be provided immediately to successful bidder else decision to be taken by contracts
9	-	-	-	Being new installation or retrofitting activity there should be always presence of OEM engineer though OEM or any party may put in third party for the said job : we have our competent engineer and while facing any issues during commissioning we will take help of OEM engineer	OEM engineer is required at site
10	-	-	-	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) : Please confirm supply and laying of fiber optics cable is in scope of bidder if yes please share length of cable consider per station . 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 : Please confirm supply and laying of fiber optics cable is in scope of bidder if yes please share length of cable consider per station	Not to be a part of this tender but devices should have dual electrical RJ45 interface

Replies to Pre-Bid Queries - 2: "SITC of 11KV and 33KV Control & Relay Panel and BCPU" (Tender no. TPCODL/P&S/100000119/2021-22)

S. No.	Clause No.	Page No.	Tender Description	Bidder's Query / Clarification	TPCODL Response / Modification
11	-	-	-	Please share existing BOQ and drawing for reference	Existing drawing are completely different from each other and there is no similarity
12	-	-	-	List of items approved make	Individual item wise query can be made/ may be done at the time of detailed engineering
13	-	-	-	Fiber optic cable – qty of cable & associate items	Not required
14	-	-	-	CAT -6 cable – qty of cable & associate items	Not required
15	-	-	-	Quantity of Ethernet switch	Not required
16	-	-	-	33kV and 11kV Control and relay panels are to be installed in place of existing panel, Please specify name of places of existing/new panels for dismantling purpose	Will be completed at the time of site visit after successful bidding else contract to initiate
17	-	-	-	Specify sizes, type & qty of cable for panels integration with existing panels	the cables are to be 2.5 sq mm. How many cores to be decided after site visit.
18	-	-	-	Please provide drawings for existing panels which are to be dismantled	Too many diversified panels, drawings available for very few, many are not legible.