

Tender No : TPCODL/P&S/1000000254/2022-23				
Reply to Prebid Query				
Sr. No.	Detailed Reference to TPCODL Tender document. Please specify Document No / Clause No / Page No	Description as per Bid Document	Remarks - Query / Clarification	TPCODL RESPONSE
1	2	3	4	5
1	Annexure-I, Price Schedule Pg No. 17 of 229	Line Item-1 & 2, Outdoor Kiosk CRP for 33kV & 11kV 24V	Please confirm Line Item No-1 & 2 is for Feeder Protection or Transformer protection as same is not clearly specified.	both the kiosk type CRP will have same dimension. For transformer protection a separate differential relay to be considered
2	Clause No-5.2 Constructional feature Pg No. 38 of 229	The enclosure shall provide a Degree of protection not less than IP-66	For Outdoor application, degree of protection IP-55 shall be sufficient. Type test reports of same shall be furnished. Please confirm.	no deviation
3	Clause No-8.6 Test reports for for the Protection IED Pg No. 48 of 229	Ingress Protection IP 66	As per Clause No. 4.2 General Construction of IED we are offering Relays with front IP-5x and Rear IP-20, please confirm.	please follow the specification
4	Clause No. 18 Spares, Tools and Accessories Pg No. 50 of 229	Spares, Tools and Accessories	Exact Spare relays quantity is not clear, kindly clarify	20% of the total quantity rounded upto nearest number
5	Cl. No. 19 DRAWINGS & DOCUMENTS Pg No. 52 of 229	21. Sample Drawing (For Tendering Purpose Only.)	Major dimensions are not clearly visible, kindly share clear drawings	Drawing already provided in Specification
6			Please confirm if Energy Meter, MFM, Ammeter & Voltmeter is required. As same is not specified in specs.	no meters are required
7			As this is the SITC tender , please confirm if control cables are in scope of bidder or shall be provided by customer.	No
8	Annexure-I, Price Schedule	1. Outdoor KIOSK CRP for 33 KV & 11 KV 24 V Quantity 26 nos	Please clarify the exact Scope of work/provide the BOQ for the same.	itiscomplete SITC and as per spec
9			Please let us know the type of feeder & provide the list of protections to be considered.	specificationincludeseverything
10		2.Outdoor KIOSK CRP for 33 KV & 11 KV 24 V, Quantity 3 nos	Please clarify the exact Scope of work/provide the BOQ for the same.	itiscomplete SITC and as per spec
11			Please let us know the type of feeder & provide the list of protections to be considered.	specificationincludeseverything
12		1. Outdoor KIOSK CRP for 33 KV & 11 KV 24 V Quantity 26 nos 2. Outdoor KIOSK CRP for 33 KV & 11 KV 24 V, Quantity 3 nos	Please let us know the difference between S.No 1 & 2 Items	differenceinprotectiondependingonrequirement.dimensions willbesame

13		3. Protection Relay DC 24-48V,Quantity 90 nos	Please let us know which type of protection to be considered.	OC&EF.fortransformer,diffrelaytobeconsidered
14		3. Protection Relay DC 24-48V,Quantity 90 nos 4. Master Trip Relay DC 24-47 V, Quantity 114 nos 5. Trans Differ. Relay for HV side 24-48 V DC, Quantity 6 nos.	Kindly let us know whether the same to be free supplied to TPCODL or installed in the existing panel.	SITC
15	Specification for 33 & 11KV Control and Relay panel (Outdoor Application) Page 3 of 32	The Business Associate can offer an innovative and advanced system. The offer is subjected to an approval from TPCODL after a thorough discussion between the BA and TPCODL in case, an approval is not awarded to the BA's offered innovative system, TPCODL's existing/desired infrastructure prevails and the BA shall provide the system accordingly.	Kindly provide the TPCODL existing panel drawings for our reference.	willbeprovidedatthetimeofdetailedeengineering
16	Specification for 33 & 11KV Control and Relay panel (Outdoor Application) Page 4 of 32	The BA should optimize on the cost of software products offered to TPCODL considering already available licenses with TPCODL	Please clarify the exact requirements for software products.	engineeringtomakecallwithAamir in line
17		The BA should provide the MIB Files of all Numerical Protection IEDs, Merging Units and GPS Clock to integrate the SNMP Traps with Network Management System	We assume Supply of Merging Units & GPS clock is not part of this tender. Please confirm.	correct
18			We understand IED Integration with existing NMS is only a future requirement & not part of this tender scope. Please confirm.	commissioning is included
19	Specification for 33 & 11KV Control and Relay panel (Outdoor Application) Page 9 of 32	SNMP: The IED should be communicated by remote servers through the gateway configured in the IED.	We understand, IED communication to remote servers through gateway is only future requirement & not part of this tender scope. Please Confirm.	commissioning is included
20		Each numerical IED shall have a serial interface on the front for local communication to Personal Computer and Printer	We assume supply of any computer/Laptop is not part of this tender scope. Please confirm.	correct
21	Specification for 33 & 11KV Control and Relay panel (Outdoor Application) Page 14 of 32	The data from DR function shall be available in IEEE/COMTRADE format and shall be compatible with the dynamic IED test system being supplied under this Contract.	Please confirm whether any IED test system is to be supplied. We assume the same is not part of this contract. Please confirm.	no
22		xviii. Fault currents sensed by relay to be mapped to SCADA. Proper programming to be done for the same.	We assume SCADA mapping is a future requirement & not part of this tender scope. Please confirm.	no
23	Specification for 33 & 11KV Control and Relay panel (Outdoor Application) Page 16 of 32	4.17 Fibre Optic Cable (Optional) 4.18 CAT-VI	We see there is no requirement for FO or CAT-VI cable. Please confirm.	correct
24	Specification for 33 & 11KV Control and Relay panel (Outdoor Application) Page 17 of 32	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.	We understand these panels to be installed outdoors & there won't be any space constraint. Please confirm.	only kiosk CRPs to be installed outdoors.
25		Panels shall have base frame with smooth bearing surface, which shall be fixed on the embedded foundation channels/insert plates	Please confirm whether the Foundation will be provided by TPCODL for the panels to be supplied.	depends.
26	Specification for 33 & 11KV Control and Relay panel (Outdoor Application)	The BA shall carry out cut out, mounting and wiring of the free issue items supplied by others	Please provide the list of free issued items.	20%oftotalquantityofeachitem

27	(Outdoor Application) Page 18 of 32	At existing stations panels shall be matched with other panels in the control room in respect of dimensions, colour, appearance and arrangement of equipment (centre lines of switches, push buttons and other equipment) on the front of the panel.	Please provide the existing panel drawings.	will be provided in detailed engineering stage
28	Specification for 33 & 11KV Control and Relay panel (Outdoor Application) Page 29 of 32	18. SPARES	As this is a Rate contract requirement & the quantity of required items are predefined, Spares are not required separately. Please confirm. If extra spares to be supplied, Please provide the quantity.	20% of total quantity of each item
29	Specification for 33 & 11KV Control and Relay panel (Outdoor Application) Page 21 of 32	Sample Drawing.	The provided drawing is not clear. Please provide the Sample Drawing (Tendering Purpose) which will help us to prepare precise quote.	will be provided in detailed engineering stage
30	General		Please provide the SLDs of the stations in which these panels to be installed	standard SLD containing each item in the drawing
31	General		We understand Control cables between the Switchgear & CRP are not part of this tender scope. Please Confirm.	no
32	General		Please confirm whether any civil works are to be considered in the bidder scope. If so, Please elaborate the exact requirement	minor civil works to erect the panels
33	General		Please let us know the required/recommended dimensions for the Kiosk CRP panel.	it is in the specification
34	Annexure-I, Price Schedule, SI.No.-1	Outdoor KIOSK CRP for 33 KV & 11 KV, 24V = 26 Each	Specify type of panel - If it is for 33kV or 11kV, for Incoming / Outgoing / Transformer / Capacitor Bank / Bus coupler / Bus-section. Also Clear quantity of each type of panel. Also SLD is needed for the better clarity.	for both voltage levels. both the panels will have same dimensions. SLD to be referred as standard SLD in both the voltage levels considering all equipment
35	Annexure-I, Price Schedule, SI.No.-2	Outdoor KIOSK CRP for 33 KV & 11 KV, 24V = 3 Each	Specify type of panel - If it is for 33kV or 11kV, for Incoming / Outgoing / Transformer / Capacitor Bank / Bus coupler / Bus-section. Also Clear quantity of each type of panel. Also SLD is needed for the better clarity.	for both voltage levels. both the panels will have same dimensions. SLD to be referred as standard SLD in both the voltage levels considering all equipment
36	Clause No. - 4.17 of specification for 33 & 11KV Control and relay panel (Outdoor application)	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, 623/1251 tm Multi-mode Fiber Optic Patch Chord.	Kindly confirm whether the same will be in our scope	FO cable not required
37	Clause No. - 4.18 of specification for 33 & 11KV Control and relay panel (Outdoor application)	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
38	Clause No. - 5.2 of specification for 33 & 11KV Control and relay panel (Outdoor application)	The enclosure shall provide a degree of protection not less than IP-66 in accordance with IS: 2147.	Standard procedure followed by all utilities in Odisha/Other states generally considered IP-55 degree of protection for outdoor application. Therefore we request you to kindly consider double door configuration of IP-55 solution.	No deviation.
39			Please share list of makes for all Relays/Meters	ABB, SIEMENS, GE, SCHNEIDER. Restrictions on models