

Pre Bid QueriesM/S BSES YPL & M/S SIEMENS,Shastri ParkDated: 06.12.2021

Sl. No.	Description as per Tender Specification	Vendor Name	Notification / Clause Reference No.	Page No.	Deviation / Clarification in Manufacturer Offer	BSES YPL Response on
11kV AIS						
1	Annexure A: Scope of Work	Siemens	2	Page 3 of 61	Design,Manufacturing,Testing,Packing Forwarding of 11kV, 2000A, 26.3kA for 3 sec, IAC 1 sec with Cu Busbars. Any type of 33kV AIS Panels are not in scope of Work. Clause no 1.2: Offered panels are suitable for mounting directly on leveled floor, hence, any base frames are not considered in our scope. Clause no 1.4: Programming software and communication cord shall not be in Siemens scope. Clause no 1.5: Please clarify the requirement, we have quoted for 11KV panels only. Clause no 1.7: We have considered only rack in rack out handle and breaker handling trolley if applicable.	1. Parameters of 11 KV Panel shall be as per specification. 2. Noted for 33 KV AIS Panels 3. Noted for Frame 4. Bidder must provide Programming Software and Communication cord as per specification 5. Clause number and page number is not matching. Hence cant clarify. 6. Noted
2	General				please confirm if there is any requirement of ARC FLASH PROTECTION in this case.	No requirement of Arc Flash protection. Kindly adhere to specification only.
3	Record of Revision: Ammeter	Siemens	13.2	Page 3 of 61	Please confirm if ammeter is to be considered as SLD is showing ammeter.	Ammeter is not the part of specification and hence should not be considered
4	Codes & Standard	Siemens	3	4 of 61	Offered panels shall comply only to IEC standards as follows :- Panels - IEC 62271-200 VCB - IEC 62271-100 CT - IEC 61869-1/2 PT - IEC 61869-1/3 Other equipments shall comply to either IEC or national / internal standards. We shall not submit any standards' copies for review.	Noted for IEC /IS standard. There is nothing called internal standard and hence should not be referred.
5	Service condition: Seismic Zone	Siemens	4	5 of 61	Panel shall be suitable for 0.5g acceleration of Seismic capacity.	National Center for Seismology, Ministry of Earth Sciences is nodal agency of Government of India dealing with various activities in the fields of seismology and allied disciplines. As per ministry, Delhi comes under seismic Zone IV and bidder has to comply the same for offered board.
6	Panel construction: Enclosure degree of protection	Siemens	5.1	4 of 61	Degree of Protection will be IP4x.	Noted
7	Panel construction: IP protection	Siemens	5.2	5 of 61	We can confirm for IP4X only for low voltage compartment.	Noted

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8	Sheet metal thickness & Materials: Panel construction:	Siemens	5.3	5 of 61	Offered panels are type tested with following design: CRCA, Frame - 2.0 mm, High Voltage Door - as per type tested design, Low Voltage Door - 2.0 mm, Pressure Relief Flaps - 1.0 mm, Partitions between compartments - 2.0 mm, Shutters - 1.0 mm, Partitions between panels - 2.0 mm, Bottom Plate - 2.0 mm, Rear Side Covers - 2.0 mm, End Covers - 2.0 mm. Structure shall be of bolted type.	Noted
9	Gland Plate: Panel construction:	Siemens	5.3	5 of 61	We can confirm for 2mm gland plate and the same shall be without gasket.	Gland plate shall be as per specification. Noted for without gasket.
10	Operating height: Panel construction:	Siemens	5.4	5 of 61	Operating height shall be finalized during detailed engineering.	Kindly put this point at the time of technical evaluation. Review of this point shall be done at the time of technical evaluation.
11	Extension of existing make panels: Panel construction:	Siemens	5.4	5 of 61	We have not quoted for the same.	Noted
12	Separate compartments: Panel construction:	Siemens	5.6	5 of 61	Instrument transformer and cable termination can be part of the same compartment.	Line PT and Bus PT shall not be the part of cable termination compartment.
13	Transparent Inspection Window: Panel construction:	Siemens	5.7	5 of 61	Inspection window shall be provided for panels having cable termination only.	Noted
14	BUS End Cable box: Panel construction:	Siemens	5.8	5 of 61	Please clarify the requirement, can't confirm for now.	Not Required
15	Pressure relief devices: Panel construction:	Siemens	5.13	6 of 61	We shall provide type tested design for the rated IAC 26.3kA/1sec	Noted
16	Bus support insulator: Panel construction:	Siemens	5.14	6 of 61	Bus support insulator is not required as per our proven type tested design	Noted
17	Doors – Concealed hinged, door greater than 500mm shall have minimum three sets of hinges : Panel construction:	Siemens	5.15	6 of 61	As per our proven type tested design, Hinges of the door are not concealed	Noted
18	Cable termination height: Panel construction:	Siemens	5.16	6 of 61	Cable Termination height for 11kV panels will be tentatively 580mm	Noted
19	Gaskets: Panel construction:	Siemens	5.15	6 of 61	Offered panels are type tested without the use of any gaskets, hence, any gaskets are not necessary.	Noted
20	Base Frames : Panel construction:	Siemens	5.17	6 of 61	Offered panels are suitable for mounting directly on leveled floor, hence we don't envisage any requirement of Baseframe.	Noted. Although if required, baseframe shall be in bidder's scope.
21	handle and Identificaton: Panel construction:	Siemens	5.18	6 of 61	As per Siemens standard. However busbar compartment wont have any handle.	No deviation in this regard. Kindly adhere to specification..
22	Contact: Circuit breaker	Siemens	6.5	7 of 61	Breaker shall have Tulip contacts design as per Siemens standard	Noted
23	Breaker Position: Circuit breaker	Siemens	6.9	8 of 61	Breaker shall have only two position inside the panel i.e service & test. Isolated position will be when VCB is removed from panel.	Noted

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24	Pin Sequence and Configuration Circuit breaker	Siemens	6.13	8 of 61	Same will be confirmed during detail Engineering.	Kindly put this point at the time of technical evaluation. Review of this point shall be done at the time of technical evaluation.
25	Breaker Compartment Door Closing Functional requirements	Siemens	7.1.2	8 of 61	Isolated position will be when VCB is removed from panel.	Noted
26	Racking mechanism safety interlock: Functional requirements	Siemens	7.1.3	8 of 61	The same shall be as per Siemens standard.	Kindly put this point at the time of technical evaluation. Review of this point shall be done at the time of technical evaluation.
27	Opening of cable compartment cover: Functional requirements	Siemens	7.1.7	8 of 61	Clause not clear hence can't confirm.	Opening of cable compartment cover of Incomer Panels inhibited as long as cable end is alive
28	Exposure to live parts: Functional requirements	Siemens	7.2.1	9 of 61	Clause not clear hence can't confirm.	In case the breaker panel door is required to be opened during a contingency, the personnel should not be exposed to any live part. Suitable shrouds/barriers/insulating sleeves should be provided.
29	Emergency trip push button contact ,Master trip relay contact: Functional requirements	Siemens	7.5.4, 7.5.5	10 of 61	Clause not clear hence can't confirm.	If emergency push button is pressed or Lock out relay is operated then CB closing command should not go through
30	Supply Bus: Functional requirements	Siemens	7.6, 7.7	10 of 61	Please note that control supply shall be distributed through Auxillary Buswire	Noted
31	Surge suppressor	Siemens	8	11 of 61	In place of surge suppressor, we shall provide surge arrestor.	Noted
32	Mounting and neutral connection: Potential Transformer	Siemens	10.3 &10.4	11 of 61	Mounting and neutral connection shall be as per Siemens standard.	No deviation in this regard. Kindly adhere to specification..
33	Feeder & Bus earthing: Equipment earthing	Siemens	11	11 of 61	We shall provide fault withstand type earthing truck one no per switchboard for cable side and bus side earthing. Earthing truck shall not be fault making type. Interlocks shall be as per Siemens standard.	1. Noted for fault withstand type 2. Kindly provide interlock which shall prevent the closing in live condition
34	Operation from front: Equipment earthing	Siemens	11.3	11 of 61	Requirement is not clear hence can't confirm.	Earthing truck shall be operated far away from panel for safety purpose. To operate the same, mechanical switch shall be required.
35	Equipment earthing: Equipment earthing	Siemens	12	12 of 61	Equipment earthing shall be done as per Siemens standard practice.	Same will be in line with the Type Tested Design and will be sized for rated short circuit current for 3 sec.
36	AC & DC control supply fail: Indication	Siemens	14	13 of 61	We have considered the same for main AC DC only and not for all panels.	No deviation in this regard. Kindly adhere to specification.
37	Rating of switch & push button: Selector switches and push buttons	Siemens	15.0.0	15 of 61	Rating of switches and push button shall be communicated during detailed engineering.	Noted
38	Selector switch: Selector switches and push buttons	Siemens	15.0.0	15 of 61	We don't confirm for shrouded switch	No deviation in this regard. Kindly adhere to specification.
39	Local /Scada selector switch: Selector switches and push buttons	Siemens	15.0.0	13 of 61	Please specify the requirement clearly.	Local remote switch is required for selection purpose

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40	Rotary ON/OFF switches Accept and reset push button of DC fail alarm: Selector switches and push buttons	Siemens	15.0.0	15 of 61	On/off switch for heater and illumination lamp shall be provided as per Siemens standard. Accept and reset push button of DC fail alarm shall be provided for Main DC only. Please confirm	No deviation in this regard. Kindly adhere to specification..
41	Internal Wiring	Siemens	16.0.0	15 of 61	Internal wiring shall be as per Siemens standard.	No deviation in this regard. Kindly adhere to specification..
42	Terminal blocks	Siemens	17.0	16,17 of 61	Terminal block shall be as per Siemens standard. Spare terminal and clearance between TBs shall be provided subject to space availability. TTB shall be as per Standard DAV make .	(a) No deviation in this regard . Kindly adhere to specification.. (b) Noted for make of TTB
43	REF relay: Relays and protection	Siemens	18.2.2	19 of 61	REF relay in incomer shall be electromechanical type.	No deviation in this regard. Kindly adhere to specification..
44	Relays and protection:	Siemens	18	17-26 of 61	We have referred only SLD for protection details. Kindly confirm.	Note that for protection features, specification's table part supercedes SLDs.
45	Relays and protection:	Siemens	18	17-26 of 61	We have quoted for approved model only hence features of relays shall be as per the same only.	Kindly put this point at the time of technical evaluation. Review of this point shall be done at the time of technical evaluation.
46	Architecture Programming and configuration Processing Indications Command Processing: Relays and protection	Siemens	18.1.3 , 18.1.4, 18.1.6, 18.1.7	17-18 of 61	Requirement not clear hence cant confirm.	Kindly get things clarified on phone call
47	Scada interface port PC interface port: Relays and protection	Siemens	18.1.5 18.1.8	17 & 18 of 61	Please clarify the requirement , we have considered one rear RJ45 port on IEC61850 and one USB port on front. Siemens scope shall end at the port of the relays. Looping, Ethernet switch or any hardware /software etc shall not be in our scope. Protocols wont be selectable at site. We have quoted for IEC 61850 only.	No deviation in this regard. Kindly adhere to specification.
48	User Interface: Relays and protection	Siemens	18.1.9	18 of 61	Not all setting and parameter can be changed.	Noted
49	Event & Fault Records: Relays and protection	Siemens	18.1.12	18 of 61	Cant confirm .	No deviation in this regard. Kindly adhere to specification..
50	Analog measurement : Relays and protection	Siemens	18.1.13	19 of 61	Analog measurement shall be as per relay selected. Outgoing relays shall not have measurement for voltage and related parameters.	No deviation in this regard. Kindly adhere to specification.
51	DI/DO of numerical relay: Relays and protection	Siemens			Please provide the signal list , we have not received the same. Change in offered DI/DO shall have price implication.	Kindly refer 18.14 of specification number "SP-HTSWG-01-R6" for DI /DO list
52	Test Facility: Relays and protection	Siemens	18.1.17	18 of 61	Please clarify the requirement in detail, We don't envisage the same	Numerical relay shall have Inbuilt test plugs for testing purpose
53	PT supervision: Relays and protection	Siemens	18.2.1	19 of 61	Offered panels have MCBs for PT secondaries instead of fuses, hence, any fuse failure relays is not necessary.	PT primary must have fuses and hence fuse failure relay is required.

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54	Protection relay for capacitor panel	Siemens	18.6	20 of 61	We have assumed there is one RVT only.PT supervision is not applicable	Noted
55	33KV protections: Relays	Siemens	18.7 -18.13	20-24 of 61	We have quoted for 11kV panels only hence not applicable.	Noted
56	Scada interfacing: Relays	Siemens	18.14	24 & 25 of 61	DI-9, DI-10, DI-11, DI-12 : Requirement not clear hence cant confirm. DI/DO shall be as per Offer submitted, change in the same shall have suitable price implication.	DI-9 is for AC supply fail. DI-10 is for adjacent panel DC fail. DI-11 is for adjacent protection relay fail. DI-12 is for PT MCB trip(metering and protection, for incomer and capacitor panel only)
57	Looping of numerical relay: Relays	Siemens	18.14	24,25 of 61	Looping of numerical relay is not in our scope.	Kindy go through tender document for the same.
58	Transformer monitoring cum AVR relay: Relays	Siemens	18.15	25 of 61	We have not considered the same.	Noted
59	Timer: Auxiliary relay general feature	Siemens	18.16.1	24 of 61	Timer can be inbuilt part of main numerical relay.	Noted
60	Operation indicators: Auxiliary relay general feature	Siemens	18.16.4	26 of 61	Available only for numerical relay	No deviation in this regard. Kindly adhere to specification
61	Antipumping relay,TCS relay: Auxiliary relay general feature	Siemens	18.17.1	26 of 61	We have not considered antipumping relay as anti-pumping is an in-built feature of our VCB. TCS shall be part of numerical relay.	Noted
62	PT selection relay, switchgear with two incomer and buscoupler, auxiliary relays, coupling relays, transducers etc: Auxiliary relay general feature	Siemens	18.17.2, 1.7.17.3,1.7.17.4	26 of 61	Please clarify more in details about these requirement, presently we have not considered the same.	No deviation in this regard. Kindly adhere to specification.. Clarification can be sought on requirements on joint call
63	Continuous overvoltage.: Auxiliary Supply	Siemens	18.18	26 of 61	Suitability of component with overvoltage can be commented only during detailed engineering, we cant confirm for the same.	Kindly put this point at the time of technical evaluation. Review of this point shall be done at the time of technical evaluation.
64	Space heater location	Siemens	21	28 of 61	Space heater mounting and its location shall be as per Siemens standard practice.	No deviation in this regard. Kindly adhere to specification.
65	Switch & Sockets	Siemens	21	28 of 61	We don't envisage Lamp in cable chamber. Socket shall be of Siemens standard.	Kindly put this point at the time of technical evaluation. Review of this point shall be done at the time of technical evaluation.
66	Name Plates & Marking	Siemens	23	28 & 29 of 61	Name Plates, marking, identification mark, label shall be as per Siemens standard.	No deviation in this regard. Kindly adhere to specification.
67	Surface Treatment & Painting	Siemens	24	29 of 61	Painting shall be as per attached Siemens standard painting procedure.	No deviation in this regard. Kindly adhere to specification.

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68	Inspection ,testing & Quality assurance	Siemens	25	30,31 of 61	Inspection and Testing shall be as per SIEMENS standard FAT and QAP. Only fully assembled switchboard shall be offered for inspection of routine tests. We shall submit test certificates of bought out items and no separate tests shall be conducted on these equipments at our works. Inspection shall be carried out as per our standard quality assurance plan. Any type test is not considered in our scope. However, we shall submit type test reports for type tests carried out on similar product. Any stage inspection is not envisaged. Type test report can be older than 5 years in case of no design change, please note that we dont envisage performing or repetition of any type test.	Noted. Although routine test shall be conducted as per relevant IS/IEC.
69	Drawings & Data Submission Matrix	Siemens	26	31-33 of 61	Drawings and Documentation shall be as per SIEMENS standard Engineering Documentation. Relay setting data shall be provided by the BYPL.	Kindly go through document submission matrix for the same. Relay setting shall be provided by BYPL.
70	Packing	Siemens	27	33,34 of 61	Packing shall be done as per Siemens standard suitable for indoor storage only.	Noted
71	Accessories & Tools	Siemens	32	35,36 of 61	We don't envisage any accessories & tools except for breaker movement trolley if applicable and rack in rack out handle.	Noted
72	Transformer monitoring cum AVR relay: Annexure -B	Siemens		36-39 of 61	We have not considered the same in our scope.	Noted
73	MFM Make: Approved Make of componanats	Siemens	24	29-30 of 61	Multifunction meter will be of Secure / Schneider Conzerv / Rishab make. Request you to kindly approve the same. We have not considered Schneier make PM8000 in our scope.	No deviation in this regard. Kindly adhere to specification.
74	Wire Make: Approved Make of componanats	Siemens	24	29-30 of 61	Wire Make will be Polycab / RR Kabel / Rolliflex. Request you to kindly approve the same.	Control cable Approved Make- Universal/KEI/GEMSCAB/Polycab/Torrent/Sterlite
75	Test Terminal Block: Approved Make of componanats	Siemens	24	29-30 of 61	We have consider TTB Make as DAV but in the approved make DAV is not available. Kindly Approve DAV make TTB.	Noted
76	Steel and other component not mentioned in this list: Approved Make of componanats	Siemens	24	29-30 of 61	Make of steel and other component which make is not mentioned shall be as per Siemens approved vendor.	Noted
77	Voltage and Frequency Variation: Annexure C	Siemens	1.5, 1.6	44 of 61	Voltage and Frequency Variation will be as per IEC	It shall be as per IS.
78	IP protection: Annexure C	Siemens	1.14.0	44of 61	We can confirm for IP4X only for low voltage compartment.	Noted
79	Main Busbar Material: Annexure C	Siemens	1.15.1	40 of 61	Main busbar material Considered is Electrolytic Copper in offered panel .	No deviation in this regard. Kindly adhere to specification.

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80	Busbar sleeve: Annexure C	Siemens	1.15.0	44 of 61	For 11KV NXAir panels: Offered panels are type tested as per IEC 62271-200 without the use of any busbar shrouds, sleeves, insulation and phase barriers (in cable chamber). Hence, these are not necessary.	Kindly put this point at the time of technical evaluation. Review of this point shall be done at the time of technical evaluation.
81	Colour coding: Annexure C	Siemens	1.15.3	44 of 61	RYB stickers shall be provided for phase identification.	Kindly put this point at the time of technical evaluation. Review of this point shall be done at the time of technical evaluation.
82	Temperature Rise: Annexure C	Siemens	1.15.4	44 of 61	Temperature Rise will be as per IS / IEC	Noted
83	Auxiliary Busbar : Annexure C	Siemens	1.16.0	44 of 61	Offered panel is considered with Auxialiry bus wire instead of Aux busbars.	Noted
84	Auxiliary DC supply: Annexure C	Siemens	1.17.0	45 of 61	We have considered 220 VDC only.	Noted
85	Hardware: Annexure C	Siemens	1.19.0	45 of 61	Hardware used in panel shall be as per standard type tested design.	Noted
86	CT Type: Annexure C	Siemens	3.2	45 of 61	Offerd panels are type tested with Wound type CT & we have offered the same.	Noted
87	CT / PT burdens and PS class CT details: Annexure C	Siemens	3.6	46 of 61	Exact suitable CT / PT burdens and PS class CT details shall be informed during detailed engineering subject to manufacturers' confirmation.	1. Burden shall be finalized during detailed engineering subject to submission of calculations for connected burden with 50% margin. 2. Rest all parameters of CT/PT shall be as per specification
88	FUSE: Annexure C	Siemens	5.0	46 of 61	We understand the same is for PT , please note that rupturing capacity shall be as per manufacturers recommendation.	Noted
89	Spares: Annexure E	Siemens		49 of 61	Item no 7, 8,10,11,12,13,14,15,16 needs more clarification.	Clarification can be sought on joint call.
90	SLD	Siemens		50-61 of 61	Kindly share Main SLD with all panel included so that panel sequence is known.	Kindly go through tender document
91	SLD	Siemens		50-61 of 61	SLD refers to SF6 / VCB for 11kV Switchgear. We have offered VCB.	Noted
92	Meters: SLD	Siemens		50-61 of 61	As per the note, we have not considered any meters in our scope.	Meter point already clarified.
93	Antipumping relay: SLD	Siemens		50-61 of 61	We have not considered antipumping relay as anti-pumping is an in-built feature of our VCB.	Noted
94	Burden of Instrument Transformer: SLD	Siemens		50-61 of 61	Burden of instrument transformer shall be as per actual load connected subject to design feasibility.	Instrument transformer point already clarified
95	Cable cum busbar chamber: SLD	Siemens		50-61 of 61	We are not clear about the same hence cant confirm.	Point not clear.
96	TCS: SLD	Siemens		50-61 of 61	TCS can be inbuilt part of main numerical relay, separate relay shall not be provided in that case.	Noted
97	Ambient Temperature : General	Siemens			Ambient Temperature Considered is 50 Deg C	Noted
98	Scope of Supply	Siemens	3.2	Pg 70 of 213	For all LOT items kindly specify the quantity and specification	Bidder has to calculate the same and bid accordingly
99	Control Cables with proper ferruling and tagging along with glands and lugs	Siemens	3.2.5.1	Pg 71 of 213	Control Cable kindly confrim specification and Qty	Bidder has to calculate the same and bid accordingly

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100	Auxiliary Power Cable with proper ferruling and tagging along with glands and lugs	Siemens	3.2.5.2	Pg 71 of 213	Auxiliary Power Cable kindly confirm specification and Qty	Bidder has to calculate the same and bid accordingly
101	Tools and Accessories	Siemens	3.2.8	Pg 71 of 213	Kindly provide the list of expected tools and accessories	Bidder has to offer the same for smooth Maintenance and operation purpose.
102	Design Calculation	Siemens	3.7.5.8	Pg 77 Of 213	Kindly specify components for which design calculation is required	Design calculation can be anything related to project
103	The scope shall also include installation, transportation, loading & unloading of free-issued materials if any and transportation of scrap (generated at Site), balance free-issued material, dismantled material from site to BYPL store including loading & unloading and no additional charges shall be paid against these activities.	Siemens	4	Pg 46 Of 213	Kindly provide Distance of Store Location from Site	Site shall be within Delhi Premises.
104	Maintenance of Equipment	Siemens	3.6.1	Pg 75 of 213	Shall not be in our scope	Note that till handover, bidder has to maintain the switchgear.
105	Free Issue Items	Siemens	4	Pg 78 of 213	Please provide exact quantity of LOT items.	Bidder has to calculate the same and bid accordingly
106	For Terminating 11 kV Cables at 11 kv incomer end	Siemens	4.1.2.1	Pg 78 of 213	We understand 1 Set is 3 nos Termination (R,Y,B)	Noted
SCADA						
1	Scope of Work	SCADA SIEMENS			We shall provide the networking equipment's i.e. Ethernet switch, patch chords / LAN cable for new AIS bays as part of SCADA accessories and all required Hardware, Software & configuration for existing ABB RTU560A shall be in BSES YPL scope. Please clarify?	ABB RTU560A will be in BSES YPL scope
2	Scope of Work	SCADA SIEMENS			Integration of numerical relays / IEDs of new AIS bays with existing ABB RTU560A shall be in BSES YPL scope. We shall provide the ICD/SCD files for integration. Please clarify?	Yes. Validate ICD/SCD file in case of any inconsistency/data validity on any third party simulator.
2	2.2.i Scope of Work	SCADA SIEMENS			Please provide distance of laying between CRP switch and RTU Switch	Bidder Must visit the grid S/S to fetch the detail.
3	2.2 iii Scope of Work	SCADA SIEMENS			Please provide distance of laying between CRP switch and RTU Switch for FO Cable laying. Structure holding PVC conduit will be in BYPL scope?	Bidder Must visit the grid S/S to fetch the detail. PVC pipe will be laid on the walls and shall be in bidder's scope.
3	Distance	SCADA SIEMENS			Please provide the distance between AIS bays & existing ABB RTU560A.	Bidder Must visit the grid S/S to fetch the detail.
4	2.3.1 Ethernet Switches	SCADA SIEMENS			How many RJ45 ports are required per switch? How many FO ports are required per switch? Are these FO ports MM or SM? Quantity of Ethernet switches required?	RJ45 port as per network considering 20% spare as per specification. FO port as per network considering 20% spare as per specification and should be MM. As per network considering max 12 devices per set of switch.

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4	3.i RTU/DCU commissioning	SCADA SIEMENS			CID files of IEC61850 devices will be required by RTU/DCU commissioning engineer at the time of FAT during pre-dispatch inspection testing. Also MFM data and configuration. Same is expected to be provided by BYPL.	RTU commissioning is in BYPL scope
5	3.g RTU/DCU System	SCADA SIEMENS			We have provided redundant IEC 104 Port for MCC & BCC Integration & Non redundant ports for other within substation communication.	RTU commissioning is in BYPL scope
5	4.0 Spares	SCADA SIEMENS			Exact Quantity of Spares can be arrived only at the DDE stage. Will BYPL provide Ammendment for Spares price?	After order, no amendment shall be entertained. Hence kindly consider all points as per tender document.
6	General Furniture	SCADA SIEMENS			Any kind of furniture is not included in our offer.	Noted
6	SCADA make	SIEMENS			Please Provide us the approve makes of SCADA	Point not clear.
7	Laptop	SCADA SIEMENS			Any kind of Laptop is not included in our offer.	Configuration tools requires to confiogure IEDs with license software as per tender.
7	Faulty Material Replacement any SCADA materials found faulty during warranty period should be replaced within two weeks	SCADA SIEMENS			Any SCADA materials found faulty during warranty period will be replaced within 4-6 weeks for Imported items.	Noted.Kindly Mention Imported Items.
8	Transducers Supply of Transducers	SIEMENS			We have not considered to supply any transducer for RTCC / Battery Charger Panel or other auxiliary.	Noted
Insulated Floor Coating						
1	1 Scope	Siemens			Please provide the area to be covered with insulated floor coating as per Pg 8 of 13 room layout	Whole Switchgear room has to be coated with insulation paint.