

SUPPLY OF 11KV HT VCB PANELS AND CABLING WORKS

SL.NO.	Clause No.	Page No.	NIT Clause Descriptions	Details of Clajurisfticifaictaiotnio/ndse viation with	Reply/ Acceptance by BSES Yamuna Power Ltd.
1	Clause 5 (5.1.1)/ SP-TPSPG-202-R0	Page 13 Of 13	11KV Switchgears	We shall supply the switchgears Schneider make	As per Tender document, only panel manufacturer can supply the panels and hence you cannot offer other make panel.
2	Clause 5 (5.1.5)/ SP-TPSPG-202-R0	Page 13 Of 13	Floor Coating	We shall supply the Floor coating as reputed make	Kindly refer tender document.
3	Clause 5.3.3 /SP-HTSWG-01-R6	Page 6 of 61	Gland Plate -3.0 mm MS for multicore and 5. 0 mm Aluminium for single core cables. All gland plates should be detachable type with gasket	We shall supply 3.0mm CRCA Gland Plate with the Panels	Kindly refer tender document.
4	Clause 5.19 /SP-HTSWG-01-R6	Page 7 of 61	a. Controlling of Capacitor Banks' switching shall be done by APFC. Although APFC shall not be in bidder's scope, Space for cut out shall be provided in the Capacitor panel. Space requirement-150X150 mm. b. Wiring of Bus PT , Incomer CT and Capacitor CT upto spare terminal for APFC shall also be provided in Capacitor Panel	a). Please provide the details of APFC relay , which make you are supplying loose, and how much stages required , so that we can confirm the cutout size and wiring itself. b). All wiring of CT /PT will decided at later stage,during details engineering, Yamuna Power has to confirm the APFC relay model.	Kindly put the point at the time of technical evaluation.
5	11.FEEDER AND BUS EARTHING/ 11.1/ SP-HTSWG-01-R6 Earthing arrangement	Page 12 of 61	Through separate earthing truck for bus & feeder	Please confirm the earthing truck requirement, how many earthing truck required? i.e. Line side and bus side Defaultly, we shall offer single earthing truck for VCB. Please confirm.	Kindly refer tender document.
6	13/METER/13.2.1 / SCADA Interfacing	Page 13 of 61	RS485 rear port suitable for integration on Modbus Protocol	We will have the scope of the RS485 wiring till to terminals only, The SCADA Integration part shall not be in Advnce Panels & Switchgears Pvt Ltd (bidder's) scope. Please	Noted
7	13/ METER / 13.4 / SP-HTSWG-01-R6/ Energy meter provision	Page 13 of 61	Energy meter is not in supplier's scope. Only space and CT/PT wiring is to be provided in all panels except bus coupler and bus PT. Space for Energy meter shall be 200(w) X 350(h) mm	Please confirm the make & Model no and features of the Meter , is it ABT or normal tariff meter, , we need to decide it's wiring /cable sizes, else we will provide the cut out size {200(w) X 350(h) mm} as mentioned in the specification	Just provide the space for cutout as per specification.

8	18 RELAYS/ 18.1.4/ / SP-HTSWG-01-R6/ Programming and configuration	Page 18 of 61	Relay shall utilize a user friendly setting and operating multi-lingual software in windows environment with menus and icons for fast access to the data required. Programming software and communication cord for offered relays should be included in scope of supply.	We shall provide the schnieder make numerical relays alongwith programing software with the relay programming cord on chargable basis, and Engineer training part shall be extra as per OEM and the same faciliate by Schneider trainers.	Kindly put the point at the time of technical evaluation.
9	18 RELAYS/18.1.5 Conformal Coating	Page 18 of 61	a. Required on all cards and Components to protect against moisture, dust, chemicals, temperature extremes etc b. Testing shall be as per IEC 60068-2-60	Conformal coating shall be as per our system house standard of Schneider Electric Pvt ltd. Please confirm, or also share if any specific standard to be followed.	Kindly refer IS/IEC for conformal coating.
10	18 RELAYS/18.1.6/18.1.7/18.1.8/18.1.9 & 18.1.10 SCADA Integrations/Processing /	Page 18 of 61	1.LC type Dual fibre optic port for interfacing with SCADA on IEC 61850 & PRP compatible. Through this port relays shall be connected to Ethernet switches.. 2.SCADA functions for monitoring shall be executed on SPI (Single Point Input) and DPI (Double Point Input). DPI shall only be used in case of Isolator and Circuit breaker "close" and "open" indication. 3.Functionality of command processing offered for SCADA interface shall include the processing of single and double commands i.e SCO (Single Command Output) and DCO (Double object command Output). DCO shall only be used in case of Isolator and Circuit Breaker "close" and "open" command. 4.Front port (preferably serial) for configuration/data downloads using PC. Cost of licensed software and communication cord, required for programming of offered protection relays shall be included in the cost of switchgear. 5.An alphanumeric key pad and graphical LCD display with backlight indicating measurement values and operating messages. It should be possible to access and change all settings and parameters without the	We shall be supplied the numerals relays as communicable with scada, but scada and automation's configurations and integration shall not be scope of Advance panels & Switchgears Pvt. Ltd.	Noted. Although bidder has to show the capability of these communications on LAPTOP.

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13	Caluse 18 , Price bid formate / NI T NO: CMC/ BY/ 2 1- 22/ RS/ MD/ 2 7	Page no. 4 of 4	Dismantling of Existing 11 KV Switchgears including Control Cables	Please confirm the quantity of works , how many panel's will be dismantalingand its installations , Please define the scope in numbers.	Kindly visit the site for the same.
14	Caluse 21 , Price bid formate / NI T NO: CMC/ BY/ 2 1- 22/ RS/ MD/ 2 7	Page no. 4 of 4	Training on application, programming, testing and ommissioning of Numerical Relays	On job Employees training and application shall be chargeable basis as per schneider Electric Pvt.Ltd. Norms and root.	No extra charge will be provided post order. Hence kindly bid accordingly.