

## ANNEXURE-1



Name of Customer : M/s ADLITE ELETRICALS

Product Description : **11kV 800A, 20kA ABB VD4 Indoor Type Vcb panel with AL. Busbar (50X12)**

REF. NO : AESPL/DH/22-23/Q5573

Project : \*\*\*\*\*

Total Qty. : 01 Set ( 1 ICOG VCB PANEL)

## BILL OF MATERIAL

DESCRIPTION	MAKE	UNIT QTY	UNIT
<b>01 NO. INCOMING CUM OUTGOING</b>			
VACUUM CIRCUIT BREAKER			
<b>11kV, 800A, 20kA VCB DRAWOUT TYPE</b>	ABB (V-D4)	1	NO.
HAVING FOLLOWING ACCESSORIES :			
230V AC SPRING CHARGING MOTOR			
24V DC CLOSING COIL			
24V DC SHUNT TRIP COIL			
AUX. CONTACT: 6NO+6NC			
OPERATING COUNTER			
MECHANICAL ON/OFF PUSH BUTTONS			
MECHANICAL INDICATORS FOR ON/OFF, SPRING CHARGED/DISCHARGED			
MANUAL SPRING CHARGING DEVICE.			
INSTRUMENTATION TRANSFORMER			
CURRENT TRANSFORMER INDOOR SINGLE PHASE RESIN CAST <b>RATIO: 200-100/5-5A</b> CORE-2: 15VA, 5P10-PROTECTION CORE-1: 15VA CLASS : 0.5, METERING	SAVIO/AVCON/NORTEX	3	NO.
<b>POTENTIAL TRANSFORMER FIXED TYPE</b> INDOOR SINGLE PHASE RESIN CAST RATIO: 11KV/V3/110V/V3 <b>100VA</b> , CLASS: 0.5 BIL : 12KV/28Kvrms/75kvp 12KV, 3.15A P.T. FUSE LINKS	SAVIO/AVCON/NORTEX	3	NO.
	PANICKER / REPUTED	3	NO.
INDICATING METERS			
DIGITAL AMMETER WITH ASS	SECURE/ELMEASURE	1	NO.
DIGITAL VOLTMETER WITH VSS	SECURE/ELMEASURE	1	NO.
PROTECTION RELAY & ACCESSORIES			
30C+1EF NUMERICAL IDMT RELAY <b>(50/51,50N/51N)</b>	C&S	1	NO.
MASTER TRIP RELAY	C&S	1	NO.
AUX RELAY FOR TRF <b>(3 ELEMENTS)</b>	C&S	1	NO.
PLA RELAY FOR ANTIPUMPING	ABB/PLA	1	NO.
INDICATION LAMP & ACCESSORIES			
INDICATING LAMP (22.5mm DIA), 24V DC	ESBEE/ABB	1	NO.
BREAKER ON : RED		1	NO.
BREAKER OFF : GREEN		1	NO.
SPRING CHARGED : BLUE		1	NO.
AUTO TRIP : AMBER			
INDICATING LAMP (22.5mm DIA), 63.5V AC	ESBEE/ABB	1	NO.
R' PHASE HEALTHY - RED		1	NO.
Y' PHASE HEALTHY - YELLOW		1	NO.
B' PHASE HEALTHY - BLUE			
MCB	ABB/HAVELLS		
DOUBLE POLE ,10kA,6A		2	NO.
SINGLE POLE 10kA,6A		10	NO.
POWER PACK 230V AC/24V DC <b>(7AH)</b>	MAHMAI/ADITYA	1	NO.
BREAKER CONTROL SWITCH (TNC) 25A	SALZER/REPUTED	1	NO.
SELECTOR SWITCH 2P 2W WITH OFF 6A	SALZER/REPUTED	1	NO.
HOOTER 24V DC	ADITYA	1	NO.
STRIP HEATER 100W, 240V AC	HOTWELL/TELELEC	1	NO.
THERMOSTATE, 0-60°C DEGREE CELCIUS , 240V AC	ELCON	1	NO.
EMERGENCY STOP PUSH BUTTON 22.5mm OD	ESBEE	1	NO.
ILLUMINATION PUSH BOTTON 24V DC	ESBEE	1	NO.
15A 240VAC 3 PIN POWER SOCKET WITH ON-OFF SWITCH	ANCHOR	1	NO.
5W, 240VAC, LED BULB	SYSKA	1	NO.
DOOR LIMIT SWITCH FOR CUBICAL LAMP	KAYCHEE	1	NO.
10A, 240V AC, TOGGLE SWITCH	KAYCHEE	1	NO.
32A NEUTRAL LINK	FTC	2	NO.
C.T. TERMINAL 6mm	CONNECTWELL	10	NO.
END PLATE FOR ABOVE		2	NO.
P.T. TERMINAL 6mm	CONNECTWELL	10	NO.
END PLATE FOR ABOVE		2	NO.