# पनवेल महानगरपालिका जाहीर निविदा दरपत्रक

आयुक्त, पनवेल महानगरपालिका हद्दीतील प्रभाग समिती 'क' प्रभाग क्र.१४ मधील भुखंड क्र.०४, सेक्टर —१६, नवीन पनवेल (प) या भूखंडावर पनवेल महानगरपालिकेचे "स्वराज्य" मुख्यालय इमारतीचे अंतर्गत सजावट व इतर अनुषंगीक कामे करणे. या कामाचे अंदाजपत्रक बनविण्याकरीता खाली नमूद केलेल्या बाबींकरीता खालील नमूण्यात दर मार्गाविण्यात येत आहे.

अ.क्र.	कामाचे नाव	मुदत
१	पनवेल महानगरपालिका हद्दीतील प्रभाग सिमती 'क' प्रभाग क्र.१४ मधील भुखंड क्र.०४, सेक्टर —१६, नवीन पनवेल (प) या भूखंडावर पनवेल महानगरपालिकेचे "स्वराज्य" मुख्यालय इमारतीचे अंतर्गत सजावट व इतर अनुषंगीक कामे करणे.	०४/१२/२०२३ ते १२/१२/२०२३ (७ दिवस)

# INTERNAL ELECTRICAL WORK Specification

NO.	ITEM DESCRIPTION	QUANTITY	UNIT
	INTERNAL ELECTRICAL WORK		
	NOTE- ALL ITEM RATES SHOULD CONSIST OF THREE YEAR DEFECT LIABILITY PERIOD INCLUDING WARRANTY / GUARANTEE PERIOD & COMPREHENSIVE MAINTAINANCE IN ALL RESPECT.		
2	2ND FLOOR LIGHT SMART DB FOR DATA IN CLOUD, Integratable to IBMS system by Open protocol, modbus/bacnet etc, and also by Wi-Fi network- Supply, installation, testing & commissioning Type Of Construction Floor/Wall mounted cubicle type panel 3rd Party certified as per IEC 61439-1&2 Fabricated from 14/16G CRCA sheet steel totally compartmentalized, treated for rust proofing, with separate busbar chamber & cable chambers Front & Back access for switchgears, connectors etc. Suitable for 430 V, 3 phase / 4 Wire System, 50 Hz supply  Main Control Unit/ Incomer WITH SMART IoT LINK TO GET DATA IN CLOUD  1 No32A MCCB, 10kA, FP/TM, O/C, S/C, E/F, U/V and Shunt coils, Phase reversal relay etc., WITH SMART IoT LINK TO GET DATA IN CLOUD  Basic Event Summary and Pass/Fail Reports for IEEE 519 for Volatge and current Harmonics, 50160 Power Frequency, supply voltage indication, Supply Volatge Dips, Short and Long interuptions, Temporary Over Voltages, Voltage Unbalance and Harmonic Voltage. THD on Voltage and current harmonics with custom alarming, Indivividual Harmonics upto 63rd for current and Voltage, High Resolution waveform capture and directly from meter via FTP. Distrurbance Direction Detection, Sag/swell on any volatge, current channel.  Visual Indication 1-LED Based Phase indicating lamps, control RCBOs, CTs, etc.  Visual Indication 2-Set - ON/OFF/ TRIP lamps with control RCBOs  Additional Controller-Set - Manual Operation Selector switch  Signal Relayer-Potential Free Contacts for Remote Monitoring  Potential Bus/Busbar: set -32A TPN,Aluminum BUSBAR	1	No.

	RCBOs shall be suitable for field-fittable Protection auxiliaries (viz. Overvoltage release, Under-voltage release, Shunt trip) and Indication Auxiliaries (like Auxiliary Contact, Trip alarm contact). The circuit breakers shall be communication ready to indicate the status of the device (On/Off/Trip), Number of On/Off cycles and Number of Tripping over universally open Modbus and Ethernet (TCP IP) protocol so as to have seamless connectivity with any Energy and Building Management System. In addition the circuit breaker should be able to communicate through GSM module the status of the device (On/Off/Trip) through mobile phone.  16A TPN RCBO, 1 NOS. (WAITING AREA + COMMON AREA LDB)		
	16A TPN RCBO, 1 NOS. (AUDITORIUM + STAGE +GREENROOM LDB)		
1.0	16A TPN RCBO, 3 NOS.(SPARE)		7.7
1.3	3RD FLOOR RAW POWER & AC SMART DB FOR DATA IN CLOUD ,Integratable to IBMS system by Open protocol ,modbus/bacnet etc, and also by Wi-Fi network.—Supply, installation,testing & commissioning Type Of Construction Floor/Wall mounted cubicle type panel 3rd Party certified as per IEC 61439-1&2 Fabricated from 14/16G CRCA sheet steel totally compartmentalized, treated for rust proofing with separate busbar chamber & cable chambers Front & Back access for switchgears, connectors etc.Suitable for 430 V, 3 phase / 4 Wire System , 50 Hz supply  Main Control Unit / Incomer WITH SMART IoT LINK TO GET DATA IN CLOUD  1 No63A MCCB,FP/TM , O/C,S/C,E/F,U/V and Shunt coils , Phase reversal relay etc.,WITH SMART IoT LINK TO GET DATA IN CLOUD  Basic Event Summary and Pass/Fail Reports for IEEE 519 for Volatge and current Harmonics, 50160 Power Frequency, supply voltage indication, Supply Volatge Dips, Short and Long interuptions, Temporary Over Voltages, Voltage Unbalance and Harmonic Voltage. THD on Voltage and current harmonics with custom alarming, Indivividual Harmonics upto 63rd for current and Voltage, High Resolution waveform capture and directly from meter via FTP. Distrurbance Direction Detection, Sag/swell on any volatge , current channel.  Visual Indication 1-LED Based Phase indicating lamps, control RCBOs , CTs, etc.  Visual Indication 2-Set - ON/OFF/ TRIP lamps with control RCBOs  Additional Controller-Set - Manual Operation Selector switch  Signal Relayer-Potential Free Contacts for Remote Monitoring  Potential Bus/Busbar: set -63A TPN,Aluminum BUSBAR  OUTGOING WITH SMART IOT LINK TO GET DATA IN CLOUD  RCBOs shall be suitable for field-fittable Protection auxiliaries (viz. Overvoltage release, Under-voltage release, Shunt trip) and Indication  Auxiliaries (like Auxiliary Contact, Trip alarm contact). The circuit breakers shall be communication ready to indicate the status of the device (On/Off/Trip), Number of On/Off cycles and Number of Tripping over universally open Modbus and Ethernet (TCP IP) protocol so as to		No.
	40A TPN RCBO, 1 NOS. (AHU)		
	25A TPN RCBO, 1 NOS. ( PDB-1 )		
	25A TPN RCBO,1 NOS. ( PDB-2 )		
	40A TPN RCBO,1 NOS.(SPARE)		
	25A TPN RCBO,2 NOS.(SPARE)		
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1.4	3RD FLOOR LIGHT SMART DB FOR DATA IN CLOUD ,Integratable to IBMS system by Open protocol ,modbus/bacnet etc, and also by Wi-Fi network Supply, installation,testing & commissioning Type Of Construction Floor/Wall mounted cubicle type panel 3rd Party certified as per IEC 61439-1&2 Fabricated from 14/16G CRCA sheet steel totally compartmentalized, treated for rust proofing,with separate busbar chamber & cable chambers Front & Back access for switchgears, connectors etc.Suitable for 430 V, 3 phase / 4 Wire System , 50 Hz supply  Main Control Unit/ Incomer WITH SMART IoT LINK TO GET DATA IN CLOUD  1 No32A MCCB,10kA,FP/TM , O/C,S/C,E/F,U/V and Shunt coils , Phase reversal relay etc.,WITH SMART IoT LINK TO GET DATA IN CLOUD  Basic Event Summary and Pass/Fail Reports for IEEE 519 for Volatge and current Harmonics, 50160 Power Frequency, supply voltage indication, Supply Volatge Dips, Short and Long interuptions, Temporary Over Voltages, Voltage Unbalance and Harmonic Voltage. THD on Voltage and current harmonics with custom alarming, Indivividual Harmonics upto 63rd for current and Voltage, High Resolution waveform capture and directly from meter via FTP. Distrurbance Direction Detection, Sag/swell on any volatge , current channel.  Visual Indication 1-LED Based Phase indicating lamps, control RCBOs , CTs, etc.  Visual Indication 2-Set - ON/OFF/ TRIP lamps with control RCBOs Additional Controller-Set - Manual Operation Selector switch  Signal Relayer-Potential Free Contacts for Remote Monitoring  Potential Bus/Busbar: set -32A TPN,Aluminum BUSBAR  OUTGOING WITH SMART Iot LINK TO GET DATA IN CLOUD  RCBOs shall be suitable for field-fittable Protection auxiliaries (viz. Overvoltage release, Under-voltage release, Shunt trip) and Indication Auxiliaries (like Auxiliary Contact, Trip alarm contact). The circuit breakers shall be communication ready to indicate the status of the device (On/Off/Trip), Number of On/Off cycles and Number of Tripping over universally open Modbus and Ethernet (TCP IP) protocol so as to have		No.
	16A TPN RCBO, 1 NOS. (LDB -1)	1	
	16A TPN RCBO, 1 NOS. (LDB-2)	1	
	16A TPN RCBO, 3 NOS.(SPARE)	1	
1.5	4TH FLOOR RAW POWER & AC SMART DB FOR DATA IN CLOUD ,Integratable to IBMS system by Open protocol ,modbus/bacnet etc, and also by Wi-Fi network Supply, installation,testing & commissioning Type Of Construction Floor/Wall mounted cubicle type panel 3rd Party certified as per IEC 61439-1&2 Fabricated from 14/16G CRCA sheet steel totally compartmentalized, treated for rust proofing.with separate busbar chamber & cable chambers Front & Back access for switchgears, connectors etc.Suitable for 430 V, 3 phase / 4 Wire System , 50 Hz supply  Main Control Unit/ Incomer WITH SMART IOT LINK TO GET DATA IN CLOUD  1 No63A MCCB,,FP/TM , O/C,S/C,E/F,U/V and Shunt coils , Phase reversal relay etc.,WITH SMART IOT LINK TO GET DATA IN CLOUD	1	No.

Basic Event Summary and Pass/Fail Reports for IEEE 519 for Volatge and current Harmonics, 50160 Power Frequency, supply voltage indication, Supply Volatge Dips, Short and Long interuptions, Temporary Over Voltages, Voltage Unbalance and Harmonic Voltage. THD on Voltage and current harmonics with custom alarming, Indivividual Harmonics upto 63rd for current and Voltage, High Resolution waveform capture and directly from meter via FTP. Distrurbance Direction Detection, Sag/swell on any volatge, current channel. Visual Indication 1-LED Based Phase indicating lamps, control RCBOs, CTs, etc. Visual Indication 2-Set - ON/OFF/ TRIP lamps with control RCBOs Additional Controller-Set - Manual Operation Selector switch Signal Relayer-Potential Free Contacts for Remote Monitoring Potential Bus/Busbar: set -63A TPN, Aluminum BUSBAR OUTGOING WITH SMART IOT LINK TO GET DATA IN CLOUD RCBOs shall be suitable for field-fittable Protection auxiliaries (viz. Overvoltage release, Under-voltage release, Shunt trip) and Indication Auxiliaries (like Auxiliary Contact, Trip alarm contact). The circuit breakers shall be communication ready to indicate the status of the device (On/Off/Trip), Number of On/Off cycles and Number of Tripping over universally open Modbus and Ethernet (TCP IP) protocol so as to have seamless connectivity with any Energy and Building Management System. In addition the circuit breaker should be able to communicate through GSM module the status of the device (On/Off/Trip) through mobile phone. 40A TPN RCBO, 1 NOS. (AHU) 25A TPN RCBO, 1 NOS. (PDB-1) 25A TPN RCBO, 1 NOS. (PDB-2) 40A TPN RCBO, 1 NOS.(SPARE) 25A TPN RCBO,2 NOS.(SPARE) 4TH FLOOR LIGHT SMART DB FOR DATA IN CLOUD, Integratable to No. IBMS system by Open protocol ,modbus/bacnet etc, and also by Wi-Fi network-- Supply, installation, testing & commissioning Type Of Construction Floor/Wall mounted cubicle type panel 3rd Party certified as per IEC 61439-1&2 Fabricated from 14/16G CRCA sheet steel totally compartmentalized, treated for rust proofing with separate busbar chamber & cable chambers Front & Back access for switchgears, connectors etc. Suitable for 430 V, 3 phase / 4 Wire System, 50 Hz Main Control Unit/ Incomer WITH SMART IOT LINK TO GET DATA IN **CLOUD** 1 No. -32A MCCB,,FP/TM, O/C,S/C,E/F,U/V and Shunt coils , Phase reversal relay etc., WITH SMART IOT LINK TO GET DATA IN CLOUD Basic Event Summary and Pass/Fail Reports for IEEE 519 for Volatge and current Harmonics, 50160 Power Frequency, supply voltage indication, Supply Volatge Dips, Short and Long interuptions, Temporary Over Voltages, Voltage Unbalance and Harmonic Voltage. THD on Voltage and current harmonics with custom alarming, Indivividual Harmonics upto 63rd for current and Voltage, High Resolution waveform capture and directly from meter via FTP. Distrurbance Direction Detection, Sag/swell on any volatge, current channel. Visual Indication 1-LED Based Phase indicating lamps, control RCBOs, CTs, etc. Visual Indication 2-Set - ON/OFF/ TRIP lamps with control RCBOs Additional Controller-Set - Manual Operation Selector switch Signal Relayer-Potential Free Contacts for Remote Monitoring

Potential Bus/Busbar: set -32A TPN, Aluminum BUSBAR
OUTGOING WITH SMART IOT LINK TO GET DATA IN CLOUD

1.6

	RCBOs shall be suitable for field-fittable Protection auxiliaries (viz. Overvoltage release, Under-voltage release, Shunt trip) and Indication Auxiliaries (like Auxiliary Contact, Trip alarm contact). The circuit breakers shall be communication ready to indicate the status of the device (On/Off/Trip), Number of On/Off cycles and Number of Tripping over universally open Modbus and Ethernet (TCP IP) protocol so as to have seamless connectivity with any Energy and Building Management System. In addition the circuit breaker should be able to communicate through GSM module the status of the device (On/Off/Trip) through mobile phone.  16A TPN RCBO, 1 NOS. (LDB -1)		
	16A TPN RCBO, 1 NOS. (LDB-2)		
	16A TPN RCBO, 3 NOS.(SPARE)		
1.7	5TH FLOOR RAW POWER & AC SMART DB FOR DATA IN CLOUD ,Integratable to IBMS system by Open protocol ,modbus/bacnet etc, and also by Wi-Fi network Supply, installation,testing & commissioning Type Of Construction Floor/Wall mounted cubicle type panel 3rd Party certified as per IEC 61439-1&2 Fabricated from 14/16G CRCA sheet steel totally compartmentalized, treated for rust proofing.with separate busbar chamber & cable chambers Front & Back access for switchgears, connectors etc.Suitable for 430 V, 3 phase / 4 Wire System , 50 Hz supply	1	No.
	Main Control Unit/ Incomer WITH SMART IOT LINK TO GET DATA IN CLOUD		
	1 No63A MCCB,FP/TM , O/C,S/C,E/F,U/V and Shunt coils , Phase reversal relay etc., WITH SMART IOT LINK TO GET DATA IN CLOUD		
	Basic Event Summary and Pass/Fail Reports for IEEE 519 for Volatge and current Harmonics, 50160 Power Frequency, supply voltage indication, Supply Volatge Dips, Short and Long interuptions, Temporary Over Voltages, Voltage Unbalance and Harmonic Voltage. THD on Voltage and current harmonics with custom alarming, Indivividual Harmonics upto 63rd for current and Voltage, High Resolution waveform capture and directly from meter via FTP. Distrurbance Direction Detection, Sag/swell on any volatge, current channel.  Visual Indication 1-LED Based Phase indicating lamps, control RCBOs,		
	CTs, etc.		
	Visual Indication 2-Set - ON/OFF/ TRIP lamps with control RCBOs		
	Additional Controller-Set - Manual Operation Selector switch		
	Signal Relayer-Potential Free Contacts for Remote Monitoring		
	Potential Bus/Busbar: set -63A TPN, Aluminum BUSBAR		
	OUTGOING WITH SMART IOT LINK TO GET DATA IN CLOUD		
	RCBOs shall be suitable for field-fittable Protection auxiliaries (viz. Overvoltage release, Under-voltage release, Shunt trip) and Indication Auxiliaries (like Auxiliary Contact, Trip alarm contact). The circuit breakers shall be communication ready to indicate the status of the device (On/Off/Trip), Number of On/Off cycles and Number of Tripping over universally open Modbus and Ethernet (TCP IP) protocol so as to have seamless connectivity with any Energy and Building Management System. In addition the circuit breaker should be able to communicate through GSM module the status of the device (On/Off/Trip) through mobile phone.		
	40A TPN RCBO, 2 NOS. (AHU)		
	25A TPN RCBO, 3 NOS. (PDB)		
	40A TPN RCBO, 1 NOS.(SPARE)		
	25A TPN RCBO, 2 NOS.(SPARE)		

5TH FLOOR LIGHT SMART DB FOR DATA IN CLOUD, Integratable to IBMS system by Open protocol, modbus/bacnet etc, and also by Wi-Fi network Supply, installation, testing & commissioning Type Of Construction Floor/Wall mounted cubicle type panel 3rd Party certified as per IEC 61439-1&2 Fabricated from 14/16G CRCA sheet steel totally compartmentalized, treated for rust proofing with separate busbar chamber & cable chambers Front & Back access for switchgears, connectors etc. Suitable for 430 V, 3 phase / 4 Wire System, 50 Hz	1	No.
supply  Main Control Unit/ Incomer WITH SMART IOT LINK TO GET DATA IN	-	
CLOUD	]	
1 No32A MCCB,FP/TM , O/C,S/C,E/F,U/V and Shunt coils , Phase reversal relay etc., <b>WITH SMART IOT LINK TO GET DATA IN CLOUD</b>		
Basic Event Summary and Pass/Fail Reports for IEEE 519 for Volatge and current Harmonics, 50160 Power Frequency, supply voltage indication, Supply Volatge Dips, Short and Long interuptions, Temporary Over Voltages, Voltage Unbalance and Harmonic Voltage. THD on Voltage and current harmonics with custom alarming, Indivividual Harmonics upto 63rd for current and Voltage, High Resolution waveform capture and directly from meter via FTP. Distrurbance Direction Detection, Sag/swell on any volatge, current channel.		
Visual Indication 1-LED Based Phase indicating lamps, control RCBOs, CTs, etc.	-	
Visual Indication 2-Set - ON/OFF/ TRIP lamps with control RCBOs	1	
Additional Controller-Set - Manual Operation Selector switch	1	
Signal Relayer-Potential Free Contacts for Remote Monitoring	-	
Potential Bus/Busbar: set -32A TPN,Aluminum BUSBAR	+	
OUTGOING WITH SMART IOT LINK TO GET DATA IN CLOUD	-	
RCBOs shall be suitable for field-fittable Protection auxiliaries (viz. Overvoltage release, Under-voltage release, Shunt trip) and Indication Auxiliaries (like Auxiliary Contact, Trip alarm contact). The circuit breakers shall be communication ready to indicate the status of the device (On/Off/Trip), Number of On/Off cycles and Number of Tripping over universally open Modbus and Ethernet (TCP IP) protocol so as to have seamless connectivity with any Energy and Building Management System. In addition the circuit breaker should be able to communicate through GSM module the status of the device (On/Off/Trip) through mobile phone.		
16A TPN RCBO, 3 NOS. (LDB -1)		
25A TPN RCBO, 1 NOS. (LDB-4)	1	
16A TPN RCBO, 3 NOS.(SPARE)	1	
6TH LOWER FLOOR RAW POWER & AC SMART DB FOR DATA IN CLOUD, Integratable to IBMS system by Open protocol	1	No.
"modbus/bacnet etc, and also by Wi-Fi network Supply, installation, testing & commissioning Type Of Construction Floor/Wall mounted cubicle type panel 3rd Party certified as per IEC 61439-1&2 Fabricated from 14/16G CRCA sheet steel totally compartmentalized, treated for rust proofing with separate busbar chamber & cable chambers Front & Back access for switchgears, connectors etc. Suitable for 430 V, 3 phase / 4 Wire System, 50 Hz supply  Main Control Unit/ Incomer WITH SMART IOT LINK TO GET DATA IN		
CLOUD  1 No32A MCCB,FP/TM, O/C,S/C,E/F,U/V and Shunt coils, Phase reversal relay etc., WITH SMART IOT LINK TO GET DATA IN CLOUD		

Basic Event Summary and Pass/Fail Reports for IEEE 519 for Volatge and current Harmonics, 50160 Power Frequency, supply voltage indication, Supply Volatge Dips, Short and Long interuptions, Temporary Over Voltages, Voltage Unbalance and Harmonic Voltage. THD on Voltage and current harmonics with custom alarming, Indivividual Harmonics upto 63rd for current and Voltage, High Resolution waveform capture and directly from meter via FTP. Distrurbance Direction Detection, Sag/swell on any volatge, current channel. Visual Indication 1-LED Based Phase indicating lamps, control RCBOs,

CTs, etc.

Visual Indication 2-Set - ON/OFF/ TRIP lamps with control RCBOs

Additional Controller-Set - Manual Operation Selector switch

Signal Relayer-Potential Free Contacts for Remote Monitoring

#### Potential Bus/Busbar: set -32A TPN, Aluminum BUSBAR

# OUTGOING WITH SMART IOT LINK TO GET DATA IN CLOUD

RCBOs shall be suitable for field-fittable Protection auxiliaries (viz. Overvoltage release, Under-voltage release, Shunt trip) and Indication Auxiliaries (like Auxiliary Contact, Trip alarm contact). The circuit breakers shall be communication ready to indicate the status of the device (On/Off/Trip), Number of On/Off cycles and Number of Tripping over universally open Modbus and Ethernet (TCP IP) protocol so as to have seamless connectivity with any Energy and Building Management System. In addition the circuit breaker should be able to communicate through GSM module the status of the device (On/Off/Trip) through mobile phone.

32A TPN RCBO, 2 NOS. (AHU)

25A TPN RCBO, 3 NOS. (PDB)

32A TPN RCBO, 1 NOS.(SPARE)

25A TPN RCBO, 2 NOS. (SPARE)

1.10 6TH LOWER FLOOR LIGHT SMART DB FOR DATA IN CLOUD ,Integratable to IBMS system by Open protocol ,modbus/bacnet etc, and also by Wi-Fi network-- Supply, installation, testing & commissioning Type Of Construction Floor/Wall mounted cubicle type panel 3rd Party certified as per IEC 61439-1&2 Fabricated from 14/16G CRCA sheet steel totally compartmentalized, treated for rust proofing with separate busbar chamber & cable chambers Front & Back access for

50 Hz supply

## Main Control Unit/ Incomer WITH SMART IOT LINK TO GET DATA IN **CLOUD**

switchgears, connectors etc. Suitable for 430 V, 3 phase / 4 Wire System,

1 No. -32A MCCB,FP/TM, O/C,S/C,E/F,U/V and Shunt coils, Phase reversal relay etc..WITH SMART IOT LINK TO GET DATA IN CLOUD

Basic Event Summary and Pass/Fail Reports for IEEE 519 for Volatge and current Harmonics, 50160 Power Frequency, supply voltage indication, Supply Volatge Dips, Short and Long interuptions, Temporary Over Voltages, Voltage Unbalance and Harmonic Voltage. THD on Voltage and current harmonics with custom alarming, Indivividual Harmonics upto 63rd for current and Voltage, High Resolution waveform capture and directly from meter via FTP. Distrurbance Direction Detection, Sag/swell on any volatge, current channel.

Visual Indication 1-LED Based Phase indicating lamps, control RCBOs,

Visual Indication 2-Set - ON/OFF/ TRIP lamps with control RCBOs

Additional Controller-Set - Manual Operation Selector switch

Signal Relayer-Potential Free Contacts for Remote Monitoring

Potential Bus/Busbar: set -32A TPN, Aluminum BUSBAR

OUTGOING WITH SMART IOT LINK TO GET DATA IN CLOUD

	RCBOs shall be suitable for field-fittable Protection auxiliaries (viz. Overvoltage release, Under-voltage release, Shunt trip) and Indication Auxiliaries (like Auxiliary Contact, Trip alarm contact). The circuit breakers shall be communication ready to indicate the status of the device (On/Off/Trip), Number of On/Off cycles and Number of Tripping over universally open Modbus and Ethernet (TCP IP) protocol so as to have seamless connectivity with any Energy and Building Management System. In addition the circuit breaker should be able to communicate through GSM module the status of the device (On/Off/Trip) through mobile phone.  16A TPN RCBO,3 NOS. (LDB -1)		
	16A TPN RCBO,3 NOS.(SPARE)	-	
1.11	6TH UPPER FLOOR RAW POWER & AC SMART DB FOR DATA IN	1	No.
	CLOUD, Integratable to IBMS system by Open protocol, modbus/bacnet etc, and also by Wi-Fi network Supply, installation, testing & commissioning Type Of Construction Floor/Wall mounted cubicle type panel 3rd Party certified as per IEC 61439-1&2 Fabricated from 14/16G CRCA sheet steel totally compartmentalized, treated for rust proofing. with separate busbar chamber & cable chambers Front & Back access for switchgears, connectors etc. Suitable for 430 V, 3 phase / 4 Wire System, 50 Hz supply  Main Control Unit/ Incomer WITH SMART IOT LINK TO GET DATA IN CLOUD  1 No32A MCCB,FP/TM, O/C,S/C,E/F,U/V and Shunt coils, Phase reversal relay etc., WITH SMART IOT LINK TO GET DATA IN CLOUD		
	Basic Event Summary and Pass/Fail Reports for IEEE 519 for Volatge and current Harmonics, 50160 Power Frequency, supply voltage indication, Supply Volatge Dips, Short and Long interuptions, Temporary Over Voltages, Voltage Unbalance and Harmonic Voltage. THD on Voltage and current harmonics with custom alarming, Indivividual Harmonics upto 63rd for current and Voltage, High Resolution waveform capture and directly from meter via FTP. Distrurbance Direction Detection, Sag/swell on any volatge, current channel.  Visual Indication 1-LED Based Phase indicating lamps, control RCBOs, CTs, etc.  Visual Indication 2-Set - ON/OFF/ TRIP lamps with control RCBOs  Additional Controller-Set - Manual Operation Selector switch		
		<u> </u> 	
	Signal Relayer-Potential Free Contacts for Remote Monitoring  Potential Bus/Busbar: set -32A TPN, Aluminum BUSBAR	-	
	OUTGOING WITH SMART IOT LINK TO GET DATA IN CLOUD	-	
	RCBOs shall be suitable for field-fittable Protection auxiliaries (viz. Overvoltage release, Under-voltage release, Shunt trip) and Indication Auxiliaries (like Auxiliary Contact, Trip alarm contact). The circuit breakers shall be communication ready to indicate the status of the device (On/Off/Trip), Number of On/Off cycles and Number of Tripping over universally open Modbus and Ethernet (TCP IP) protocol so as to have seamless connectivity with any Energy and Building Management System. In addition the circuit breaker should be able to communicate through GSM module the status of the device (On/Off/Trip) through mobile phone.		
	32A TPN RCBO,2 NOS. ( AHU )		
	25A TPN RCBO, 3 NOS. (PDB)		
	32A TPN RCBO,1 NOS.(SPARE)		
	25A TPN RCBO, 2 NOS.(SPARE)		

1.12	6TH UPPER FLOOR LIGHT SMART DB FOR DATA IN CLOUD	1	No.
	Integratable to IBMS system by Open protocol, modbus/bacnet etc,	_	
	and also by Wi-Fi network Supply, installation, testing &		
	commissioning Type Of Construction <b>Floor/Wall mounted</b> cubicle type		
	panel 3rd Party certified as per IEC 61439-1&2 Fabricated from 14/16G		
	CRCA sheet steel totally compartmentalized, treated for rust proofing.with		
	separate busbar chamber & cable chambers Front & Back access for		
	switchgears, connectors etc.Suitable for 430 V, 3 phase / 4 Wire System, 50 Hz supply		
	Main Control Unit/ Incomer WITH SMART IOT LINK TO GET DATA IN CLOUD		
	1 No32A MCCB, ,FP/TM, O/C,S/C,E/F,U/V and Shunt coils, Phase		
	reversal relay etc., WITH SMART IoT LINK TO GET DATA IN CLOUD		
	Basic Event Summary and Pass/Fail Reports for IEEE 519 for Volatge and current Harmonics, 50160 Power Frequency, supply voltage		
	indication, Supply Volatge Dips, Short and Long interuptions, Temporary		
	Over Voltages, Voltage Unbalance and Harmonic Voltage. THD on Voltage		
	and current harmonics with custom alarming, Indivividual Harmonics		
	upto 63rd for current and Voltage, High Resolution waveform capture and directly from meter via FTP. Distrurbance Direction Detection, Sag/swell		
	on any volatge, current channel.		
	Visual Indication 1-LED Based Phase indicating lamps, control RCBOs,		
	CTs, etc.		
	Visual Indication 2-Set - ON/OFF/ TRIP lamps with control RCBOs		
	Additional Controller-Set - Manual Operation Selector switch		
	Signal Relayer-Potential Free Contacts for Remote Monitoring		
	Potential Bus/Busbar: set -32A TPN, Aluminum BUSBAR		
	OUTGOING WITH SMART IOT LINK TO GET DATA IN CLOUD		
	RCBOs shall be suitable for field-fittable Protection auxiliaries (viz. Over-		
	voltage release, Under-voltage release, Shunt trip) and Indication		
	Auxiliaries (like Auxiliary Contact, Trip alarm contact). The circuit		
	breakers shall be communication ready to indicate the status of the		
	device (On/Off/Trip), Number of On/Off cycles and Number of Tripping over universally open Modbus and Ethernet (TCP IP) protocol so as to		
	have seamless connectivity with any Energy and Building Management		
	System. In addition the circuit breaker should be able to communicate		
	through GSM module the status of the device (On/Off/Trip) through		
	mobile phone.		
	16A TPN RCBO, 3 NOS. (LDB -1)		
	16A TPN RCBO, 3 NOS.(SPARE)		
	WING-B BUS DUCT		
1.1	2ND FLOOR RAW POWER & AC SMART DB FOR DATA IN CLOUD	1	No.
	Integratable to IBMS system by Open protocol, modbus/bacnet etc,		
	and also by Wi-Fi network Supply, installation, testing & commissioning Type Of Construction Floor/Wall mounted cubicle type		
	panel 3rd Party certified as per IEC 61439-1&2 Fabricated from 14/16G		
	CRCA sheet steel totally compartmentalized, treated for rust proofing.with		
	separate busbar chamber & cable chambers Front & Back access for		
	switchgears, connectors etc.Suitable for 430 V, 3 phase / 4 Wire System,		
	50 Hz supply  Main Control Unit/ Incomer WITH SMART IOT LINK TO GET DATA IN		
	1 No. 624 MCCD ED/TM O/CS/CE/EU/V and Sharet soils. Phase		
	1 No63A MCCB, ,FP/TM, O/C,S/C,E/F,U/V and Shunt coils, Phase reversal relay etc.,WITH SMART IoT LINK TO GET DATA IN CLOUD		

Basic Event Summary and Pass/Fail Reports for IEEE 519 for Volatge and current Harmonics, 50160 Power Frequency, supply voltage indication, Supply Volatge Dips, Short and Long interuptions, Temporary Over Voltages, Voltage Unbalance and Harmonic Voltage. THD on Voltage and current harmonics with custom alarming, Indivividual Harmonics upto 63rd for current and Voltage, High Resolution waveform capture and directly from meter via FTP. Distrurbance Direction Detection, Sag/swell on any volatge, current channel.

Visual Indication 1-LED Based Phase indicating lamps, control RCBOs , CTs, etc.

Visual Indication 2-Set - ON/OFF/ TRIP lamps with control RCBOs

Additional Controller-Set - Manual Operation Selector switch

Signal Relayer-Potential Free Contacts for Remote Monitoring

#### Potential Bus/Busbar: set -63A TPN, Aluminum BUSBAR

# OUTGOING WITH SMART IOT LINK TO GET DATA IN CLOUD

RCBOs shall be suitable for field-fittable Protection auxiliaries (viz. Overvoltage release, Under-voltage release, Shunt trip) and Indication Auxiliaries (like Auxiliary Contact, Trip alarm contact). The circuit breakers shall be communication ready to indicate the status of the device (On/Off/Trip), Number of On/Off cycles and Number of Tripping over universally open Modbus and Ethernet (TCP IP) protocol so as to have seamless connectivity with any Energy and Building Management System. In addition the circuit breaker should be able to communicate through GSM module the status of the device (On/Off/Trip) through mobile phone.

40A TPN RCBO, 1 NOS. (AHU)

25A TPN RCBO, 2NOS. (RAW POWER DB-1)

40A TPN RCBO, 1 NOS.(SPARE)

25A TPN RCBO, 2 NOS.(SPARE)

2ND FLOOR LIGHT SMART DB FOR DATA IN CLOUD, Integratable to IBMS system by Open protocol, modbus/bacnet etc, and also by Wi-Fi network-- Supply, installation, testing & commissioning Type Of Construction Floor/Wall mounted cubicle type panel 3rd Party certified as per IEC 61439-1&2 Fabricated from 14/16G CRCA sheet steel totally compartmentalized, treated for rust proofing. with separate busbar chamber & cable chambers Front & Back access for switchgears,

connectors etc. Suitable for 430 V, 3 phase / 4 Wire System, 50 Hz

supply

# Main Control Unit/ Incomer WITH SMART IOT LINK TO GET DATA IN CLOUD

1 No. -32A MCCB,  $\ \ ,FP/TM$ , O/C,S/C,E/F,U/V and Shunt coils , Phase reversal relay etc.,WITH SMART IoT LINK TO GET DATA IN CLOUD

Basic Event Summary and Pass/Fail Reports for IEEE 519 for Volatge and current Harmonics, 50160 Power Frequency, supply voltage indication, Supply Volatge Dips, Short and Long interuptions, Temporary Over Voltages, Voltage Unbalance and Harmonic Voltage. THD on Voltage and current harmonics with custom alarming, Indivividual Harmonics upto 63rd for current and Voltage, High Resolution waveform capture and directly from meter via FTP. Distrurbance Direction Detection, Sag/swell on any volatge, current channel.

Visual Indication 1-LED Based Phase indicating lamps, control RCBOs, CTs, etc.

Visual Indication 2-Set - ON/OFF/ TRIP lamps with control RCBOs

Additional Controller-Set - Manual Operation Selector switch

Signal Relayer-Potential Free Contacts for Remote Monitoring

Potential Bus/Busbar: set -32A TPN, Aluminum BUSBAR

OUTGOING WITH SMART IOT LINK TO GET DATA IN CLOUD

	RCBOs shall be suitable for field-fittable Protection auxiliaries (viz. Overvoltage release, Under-voltage release, Shunt trip) and Indication Auxiliaries (like Auxiliary Contact, Trip alarm contact). The circuit breakers shall be communication ready to indicate the status of the device (On/Off/Trip), Number of On/Off cycles and Number of Tripping over universally open Modbus and Ethernet (TCP IP) protocol so as to have seamless connectivity with any Energy and Building Management System. In addition the circuit breaker should be able to communicate through GSM module the status of the device (On/Off/Trip) through mobile phone.  16A TPN RCBO, 2NOS. (LDB)		
	16A TPN RCBO, 3 NOS.(SPARE)		
1.3	3RD FLOOR RAW POWER & AC SMART DB FOR DATA IN CLOUD, Integratable to IBMS system by Open protocol, modbus/bacnet etc, and also by Wi-Fi network Supply, installation, testing & commissioning Type Of Construction Floor/Wall mounted cubicle type panel 3rd Party certified as per IEC 61439-1&2 Fabricated from 14/16G CRCA sheet steel totally compartmentalized, treated for rust proofing.with separate busbar chamber & cable chambers Front & Back access for switchgears, connectors etc.Suitable for 430 V, 3 phase / 4 Wire System, 50 Hz supply  Main Control Unit/ Incomer WITH SMART IOT LINK TO GET DATA IN CLOUD  1 No63A MCCB, ,FP/TM, O/C,S/C,E/F,U/V and Shunt coils, Phase reversal relay etc.,WITH SMART IOT LINK TO GET DATA IN CLOUD		No.
	Basic Event Summary and Pass/Fail Reports for IEEE 519 for Volatge and current Harmonics, 50160 Power Frequency, supply voltage indication, Supply Volatge Dips, Short and Long interuptions, Temporary Over Voltages, Voltage Unbalance and Harmonic Voltage. THD on Voltage and current harmonics with custom alarming, Indivividual Harmonics upto 63rd for current and Voltage, High Resolution waveform capture and directly from meter via FTP. Distrurbance Direction Detection, Sag/swell on any volatge, current channel.  Visual Indication 1-LED Based Phase indicating lamps, control RCBOs,		
	CTs, etc.		
	Visual Indication 2-Set - ON/OFF/ TRIP lamps with control RCBOs	_	
	Additional Controller-Set - Manual Operation Selector switch  Signal Relayer-Potential Free Contacts for Remote Monitoring	-	
	Potential Bus/Busbar: set -63A TPN,Aluminum BUSBAR	-	
	OUTGOING WITH SMART IOT LINK TO GET DATA IN CLOUD	-	
	RCBOs shall be suitable for field-fittable Protection auxiliaries (viz. Overvoltage release, Under-voltage release, Shunt trip) and Indication Auxiliaries (like Auxiliary Contact, Trip alarm contact). The circuit breakers shall be communication ready to indicate the status of the device (On/Off/Trip), Number of On/Off cycles and Number of Tripping over universally open Modbus and Ethernet (TCP IP) protocol so as to have seamless connectivity with any Energy and Building Management System. In addition the circuit breaker should be able to communicate through GSM module the status of the device (On/Off/Trip) through mobile phone.		
	40A TPN RCBO, 1 NOS. (AHU)		
	25A TPN RCBO, 1 NOS. (PDB-1)		
	25A TPN RCBO, 1 NOS. (PDB-2)		
	40A TPN RCBO, 1 NOS.(SPARE)		
	25A TPN RCBO, 2 NOS.(SPARE)	1	Ì

1.4	3RD FLOOR LIGHT SMART DB FOR DATA IN CLOUD, Integratable to IBMS system by Open protocol, modbus/bacnet etc, and also by Wi-Fi network Supply, installation,testing & commissioning Type Of Construction Floor/Wall mounted cubicle type panel 3rd Party certified as per IEC 61439-1&2 Fabricated from 14/16G CRCA sheet steel totally compartmentalized, treated for rust proofing with separate busbar chamber & cable chambers Front & Back access for switchgears, connectors etc. Suitable for 430 V, 3 phase / 4 Wire System , 50 Hz supply  Main Control Unit/ Incomer WITH SMART IoT LINK TO GET DATA IN CLOUD  1 No32A MCCB, ,FP/TM, O/C,S/C,E/F,U/V and Shunt coils, Phase reversal relay etc.,WITH SMART IoT LINK TO GET DATA IN CLOUD  Basic Event Summary and Pass/Fail Reports for IEEE 519 for Volatge and current Harmonics, 50160 Power Frequency, supply voltage indication, Supply Volatge Dips, Short and Long interuptions, Temporary Over Voltages, Voltage Unbalance and Harmonic Voltage. THD on Voltage and current harmonics with custom alarming, indivividual Harmonics upto 63rd for current and Voltage, High Resolution waveform capture and directly from meter via FTP. Distrurbance Direction Detection, Sag/swell on any volatge, current channel.  Visual Indication 1-LED Based Phase indicating lamps, control RCBOs, CTs, etc.  Visual Indication 2-Set - ON/OFF/ TRIP lamps with control RCBOs Additional Controller-Set - Manual Operation Selector switch  Signal Relayer-Potential Free Contacts for Remote Monitoring  Potential Bus/Busbar: set -32A TPN,Aluminum BUSBAR  OUTGOING WITH SMART IoT LINK TO GET DATA IN CLOUD  RCBOs shall be suitable for field-fittable Protection auxiliaries (viz. Overvoltage release, Under-voltage release, Shunt trip) and Indication Auxiliaries (like Auxiliary Contact, Trip alarm contact), The circuit breakers shall be communication ready to indicate the status of the device (On/Off/Trip), Number of On/Off cycles and Number of Tripping over universally open Modbus and Ethernet (TCP IP) protocol so as to have seamle		No.
1.5	4TH FLOOR RAW POWER & AC SMART DB FOR DATA IN CLOUD ,Integratable to IBMS system by Open protocol ,modbus/bacnet etc, and also by Wi-Fi network Supply, installation,testing & commissioning Type Of Construction Floor/Wall mounted cubicle type panel 3rd Party certified as per IEC 61439-1&2 Fabricated from 14/16G CRCA sheet steel totally compartmentalized, treated for rust proofing.with separate busbar chamber & cable chambers Front & Back access for switchgears, connectors etc.Suitable for 430 V, 3 phase / 4 Wire System , 50 Hz supply  Main Control Unit/ Incomer WITH SMART IoT LINK TO GET DATA IN CLOUD  1 No63A MCCB, ,FP/TM, O/C,S/C,E/F,U/V and Shunt coils, Phase reversal relay etc.,WITH SMART IoT LINK TO GET DATA IN CLOUD	1	No.

	Basic Event Summary and Pass/Fail Reports for IEEE 519 for Volatge and current Harmonics, 50160 Power Frequency, supply voltage indication, Supply Volatge Dips, Short and Long interuptions, Temporary Over Voltages, Voltage Unbalance and Harmonic Voltage. THD on Voltage and current harmonics with custom alarming, Indivividual Harmonics upto 63rd for current and Voltage, High Resolution waveform capture and directly from meter via FTP. Distrurbance Direction Detection, Sag/swell on any volatge, current channel.  Visual Indication 1-LED Based Phase indicating lamps, control RCBOs, CTs, etc.  Visual Indication 2-Set - ON/OFF/ TRIP lamps with control RCBOs  Additional Controller-Set - Manual Operation Selector switch  Signal Relayer-Potential Free Contacts for Remote Monitoring  Potential Bus/Busbar: set -63A TPN,Aluminum BUSBAR  OUTGOING WITH SMART IoT LINK TO GET DATA IN CLOUD  RCBOs shall be suitable for field-fittable Protection auxiliaries (viz. Overvoltage release, Under-voltage release, Shunt trip) and Indication Auxiliaries (like Auxiliary Contact, Trip alarm contact). The circuit breakers shall be communication ready to indicate the status of the device (On/Off/Trip), Number of On/Off cycles and Number of Tripping		
	over universally open Modbus and Ethernet (TCP IP) protocol so as to have seamless connectivity with any Energy and Building Management System. In addition the circuit breaker should be able to communicate through GSM module the status of the device (On/Off/Trip) through mobile phone.		
	40A TPN RCBO, 1 NOS. (AHU)		
	25A TPN RCBO, 1 NOS. (PDB-1)		
	25A TPN RCBO, 1 NOS. (17DB-1) 25A TPN RCBO, 1 NOS. (17DB-2)		
	40A TPN RCBO, 1 NOS.(SPARE)		
	25A TPN RCBO, 2 NOS.(SPARE)		
1.6	4TH FLOOR LIGHT SMART DB FOR DATA IN CLOUD, Integratable to	1	No.
1.0	IBMS system by Open protocol ,modbus/bacnet etc, and also by Wi-Fi network Supply, installation,testing & commissioning Type Of Construction Floor/Wall mounted cubicle type panel 3rd Party certified as per IEC 61439-1&2 Fabricated from 14/16G CRCA sheet steel totally compartmentalized, treated for rust proofing.with separate busbar chamber & cable chambers Front & Back access for switchgears, connectors etc.Suitable for 430 V, 3 phase / 4 Wire System , 50 Hz supply		
	Main Control Unit/ Incomer WITH SMART IOT LINK TO GET DATA IN CLOUD		
	1 No32A MCCB, ,FP/TM, O/C,S/C,E/F,U/V and Shunt coils , Phase reversal relay etc.,WITH SMART IoT LINK TO GET DATA IN CLOUD		
	Basic Event Summary and Pass/Fail Reports for IEEE 519 for Volatge and current Harmonics, 50160 Power Frequency, supply voltage indication, Supply Volatge Dips, Short and Long interuptions, Temporary Over Voltages, Voltage Unbalance and Harmonic Voltage. THD on Voltage and current harmonics with custom alarming, Indivividual Harmonics upto 63rd for current and Voltage, High Resolution waveform capture and directly from meter via FTP. Distrurbance Direction Detection, Sag/swell on any volatge, current channel.		
	Visual Indication 1-LED Based Phase indicating lamps, control RCBOs, CTs, etc.		
	Visual Indication 2-Set - ON/OFF/ TRIP lamps with control RCBOs		
	Additional Controller-Set - Manual Operation Selector switch		
	Signal Relayer-Potential Free Contacts for Remote Monitoring		
	Potential Bus/Busbar: set -32A TPN,Aluminum BUSBAR		
	OUTGOING WITH SMART IOT LINK TO GET DATA IN CLOUD		

	RCBOs shall be suitable for field-fittable Protection auxiliaries (viz. Overvoltage release, Under-voltage release, Shunt trip) and Indication Auxiliaries (like Auxiliary Contact, Trip alarm contact). The circuit breakers shall be communication ready to indicate the status of the device (On/Off/Trip), Number of On/Off cycles and Number of Tripping over universally open Modbus and Ethernet (TCP IP) protocol so as to have seamless connectivity with any Energy and Building Management System. In addition the circuit breaker should be able to communicate through GSM module the status of the device (On/Off/Trip) through mobile phone.  16A TPN RCBO, 1 NOS. (LDB -1)		
	16A TPN RCBO, 1 NOS. (LDB-2)	-	
	16A TPN RCBO, 3 NOS.(SPARE)	-	
1.7	5TH FLOOR RAW POWER & AC SMART DB FOR DATA IN CLOUD, Integratable to IBMS system by Open protocol ,modbus/bacnet etc, and also by Wi-Fi network Supply, installation, testing & commissioning Type Of Construction Floor/Wall mounted cubicle type panel 3rd Party certified as per IEC 61439-1&2 Fabricated from 14/16G CRCA sheet steel totally compartmentalized, treated for rust proofing with separate busbar chamber & cable chambers Front & Back access for switchgears, connectors etc. Suitable for 430 V, 3 phase / 4 Wire System , 50 Hz supply  Main Control Unit/ Incomer WITH SMART IOT LINK TO GET DATA IN	1	No.
	CLOUD  1 No63A MCCB, ,FP/TM, O/C,S/C,E/F,U/V and Shunt coils, Phase reversal relay etc.,WITH SMART IoT LINK TO GET DATA IN CLOUD		
	Basic Event Summary and Pass/Fail Reports for IEEE 519 for Volatge and current Harmonics, 50160 Power Frequency, supply voltage indication, Supply Volatge Dips, Short and Long interuptions, Temporary Over Voltages, Voltage Unbalance and Harmonic Voltage. THD on Voltage and current harmonics with custom alarming, Indivividual Harmonics upto 63rd for current and Voltage, High Resolution waveform capture and directly from meter via FTP. Distrurbance Direction Detection, Sag/swell on any volatge, current channel.  Visual Indication 1-LED Based Phase indicating lamps, control RCBOs,		
	CTs, etc.		
	Visual Indication 2-Set - ON/OFF/ TRIP lamps with control RCBOs		
	Additional Controller-Set - Manual Operation Selector switch		
	Signal Relayer-Potential Free Contacts for Remote Monitoring	_	
	Potential Bus/Busbar: set -63A TPN,Aluminum BUSBAR		
	OUTGOING WITH SMART IOT LINK TO GET DATA IN CLOUD	_	
	RCBOs shall be suitable for field-fittable Protection auxiliaries (viz. Overvoltage release, Under-voltage release, Shunt trip) and Indication Auxiliaries (like Auxiliary Contact, Trip alarm contact). The circuit breakers shall be communication ready to indicate the status of the device (On/Off/Trip), Number of On/Off cycles and Number of Tripping over universally open Modbus and Ethernet (TCP IP) protocol so as to have seamless connectivity with any Energy and Building Management System. In addition the circuit breaker should be able to communicate through GSM module the status of the device (On/Off/Trip) through mobile phone.  40A TPN RCBO, 2 NOS. (AHU)		
		_	
	25A TPN RCBO, 2 NOS. (PDB)	_	
	40A TPN RCBO, 2 NOS.(SPARE)  25A TPN RCBO, 1 NOS.(SPARE)	-	
	ZUA IFN KUDU, I NUO (OPAKE)	1	1

1.8	STH FLOOR LIGHT SMART DB FOR DATA IN CLOUD, Integratable to IBMS system by Open protocol ,modbus/bacnet etc, and also by Wi-Fi network Supply, installation, testing & commissioning Type Of Construction Floor/Wall mounted cubicle type panel 3rd Party certified as per IEC 61439-1&2 Fabricated from 14/16G CRCA sheet steel totally compartmentalized, treated for rust proofing, with separate busbar chamber & cable chambers Front & Back access for switchgears, connectors etc. Suitable for 430 V, 3 phase / 4 Wire System , 50 Hz supply  Main Control Unit / Incomer WITH SMART IoT LINK TO GET DATA IN CLOUD  1 No32A MCCB,,FP/TM , O/C,S/C,E/F,U/V and Shunt coils , Phase reversal relay etc., WITH SMART IoT LINK TO GET DATA IN CLOUD  Basic Event Summary and Pass/Fail Reports for IEEE 519 for Volatge and current Harmonics, 50160 Power Frequency, supply voltage indication, Supply Volatge Dips, Short and Long interuptions, Temporary Over Voltages, Voltage Unbalance and Harmonic Voltage. THD on Voltage and current harmonics with custom alarming, Indivividual Harmonics upto 63rd for current and Voltage, High Resolution waveform capture and directly from meter via FTP. Distrurbance Direction Detection, Sag/swell on any volatge , current channel.  Visual Indication 1-LED Based Phase indicating lamps, control RCBOs , CTs, etc.  Visual Indication 2-Set - ON/OFF/ TRIP lamps with control RCBOs Additional Controller-Set - Manual Operation Selector switch  Signal Relayer-Potential Free Contacts for Remote Monitoring  Potential Bus/Busbar: set -32A TPN, Aluminum BUSBAR  OUTGOING WITH SMART IoT LINK TO GET DATA IN CLOUD  RCBOs shall be suitable for field-fittable Protection auxiliaries (viz. Overvoltage release, Under-voltage release, Shunt trip) and Indication Auxiliaries (like Auxiliary Contact, Trip alarm contact). The circuit breakers shall be communication ready to indicate the status of the device (On/Off/Trip), Number of On/Off cycles and Number of Tripping over universally open Modbus and Ethernet (TCP IP) protocol so as to hav		No.
	16A TPN RCBO, 2 NOS. (LDB -1) 16A TPN RCBO, 3 NOS.(SPARE)		
1.9	6TH LOWER FLOOR RAW POWER & AC SMART DB FOR DATA IN	1	No.
	CLOUD,Integratable to IBMS system by Open protocol ,modbus/bacnet etc, and also by Wi-Fi network Supply, installation,testing & commissioning Type Of Construction Floor/Wall mounted cubicle type panel 3rd Party certified as per IEC 61439-1&2 Fabricated from 14/16G CRCA sheet steel totally compartmentalized, treated for rust proofing.with separate busbar chamber & cable chambers Front & Back access for switchgears, connectors etc.Suitable for 430 V, 3 phase / 4 Wire System, 50 Hz supply  Main Control Unit/ Incomer WITH SMART IOT LINK TO GET DATA IN CLOUD  1 No32A MCCB, ,FP/TM, O/C,S/C,E/F,U/V and Shunt coils, Phase reversal relay etc.,WITH SMART IOT LINK TO GET DATA IN CLOUD		

Basic Event Summary and Pass/Fail Reports for IEEE 519 for Volatge and current Harmonics, 50160 Power Frequency, supply voltage indication, Supply Volatge Dips, Short and Long interuptions, Temporary Over Voltages, Voltage Unbalance and Harmonic Voltage. THD on Voltage and current harmonics with custom alarming, Indivividual Harmonics upto 63rd for current and Voltage, High Resolution waveform capture and directly from meter via FTP. Distrurbance Direction Detection, Sag/swell on any volatge, current channel. Visual Indication 1-LED Based Phase indicating lamps, control RCBOs, CTs, etc. Visual Indication 2-Set - ON/OFF/ TRIP lamps with control RCBOs Additional Controller-Set - Manual Operation Selector switch Signal Relayer-Potential Free Contacts for Remote Monitoring Potential Bus/Busbar: set -32A TPN, Aluminum BUSBAR OUTGOING WITH SMART IOT LINK TO GET DATA IN CLOUD RCBOs shall be suitable for field-fittable Protection auxiliaries (viz. Overvoltage release, Under-voltage release, Shunt trip) and Indication Auxiliaries (like Auxiliary Contact, Trip alarm contact). The circuit breakers shall be communication ready to indicate the status of the device (On/Off/Trip), Number of On/Off cycles and Number of Tripping over universally open Modbus and Ethernet (TCP IP) protocol so as to have seamless connectivity with any Energy and Building Management System. In addition the circuit breaker should be able to communicate through GSM module the status of the device (On/Off/Trip) through mobile phone. 32A TPN RCBO, 2 NOS. (AHU) 25A TPN RCBO, 1 NOS. (PDB) 32A TPN RCBO, 1 NOS.(SPARE) 25A TPN RCBO, 2 NOS.(SPARE) 6TH LOWER FLOOR LIGHT SMART DB FOR DATA IN No. CLOUD, Integratable to IBMS system by Open protocol ,modbus/bacnet etc, and also by Wi-Fi network-- Supply, installation, testing & commissioning Type Of Construction Floor/Wall **mounted** cubicle type panel 3rd Party certified as per IEC 61439-1&2 Fabricated from 14/16G CRCA sheet steel totally compartmentalized, treated for rust proofing.with separate busbar chamber & cable chambers Front & Back access for switchgears, connectors etc. Suitable for 430 V, 3 phase / 4 Wire System, 50 Hz supply Main Control Unit/ Incomer WITH SMART IOT LINK TO GET DATA IN **CLOUD** 1 No. -32A MCCB, ,FP/TM, O/C,S/C,E/F,U/V and Shunt coils, Phase reversal relay etc., WITH SMART IoT LINK TO GET DATA IN CLOUD Basic Event Summary and Pass/Fail Reports for IEEE 519 for Volatge and current Harmonics, 50160 Power Frequency, supply voltage indication, Supply Volatge Dips, Short and Long interuptions, Temporary Over Voltages, Voltage Unbalance and Harmonic Voltage. THD on Voltage and current harmonics with custom alarming, Indivividual Harmonics upto 63rd for current and Voltage, High Resolution waveform capture and directly from meter via FTP. Distrurbance Direction Detection, Sag/swell on any volatge, current channel. Visual Indication 1-LED Based Phase indicating lamps, control RCBOs, CTs, etc. Visual Indication 2-Set - ON/OFF/ TRIP lamps with control RCBOs

Additional Controller-Set - Manual Operation Selector switch Signal Relayer-Potential Free Contacts for Remote Monitoring Potential Bus/Busbar: set -32A TPN,Aluminum BUSBAR

OUTGOING WITH SMART IOT LINK TO GET DATA IN CLOUD

1.10

1.11	RCBOs shall be suitable for field-fittable Protection auxiliaries (viz. Overvoltage release, Under-voltage release, Shunt trip) and Indication Auxiliaries (like Auxiliary Contact, Trip alarm contact). The circuit breakers shall be communication ready to indicate the status of the device (On/Off/Trip), Number of On/Off cycles and Number of Tripping over universally open Modbus and Ethernet (TCP IP) protocol so as to have seamless connectivity with any Energy and Building Management System. In addition the circuit breaker should be able to communicate through GSM module the status of the device (On/Off/Trip) through mobile phone.  16A TPN RCBO, 1 NOS. (LDB -1)  16A TPN RCBO, 3 NOS.(SPARE)  6TH UPPER FLOOR RAW POWER & AC SMART DB FOR DATA IN CLOUD Integratable to IRMS system by Open protocol.	1	No.
	CLOUD,Integratable to IBMS system by Open protocol ,modbus/bacnet etc, and also by Wi-Fi network Supply,		
	installation, testing & commissioning Type Of Construction Floor/Wall		
	mounted cubicle type panel 3rd Party certified as per IEC 61439-1&2		
	Fabricated from 14/16G CRCA sheet steel totally compartmentalized,		
	treated for rust proofing with separate busbar chamber & cable chambers Front & Back access for switchgears, connectors etc. Suitable for 430 V, 3		
	phase / 4 Wire System, 50 Hz supply		
	Main Control Unit/ Incomer WITH SMART IOT LINK TO GET DATA IN CLOUD		
	1 No32A MCCB, ,FP/TM , O/C,S/C,E/F,U/V and Shunt coils , Phase reversal relay etc.,WITH SMART IoT LINK TO GET DATA IN CLOUD		
	Basic Event Summary and Pass/Fail Reports for IEEE 519 for Volatge and current Harmonics, 50160 Power Frequency, supply voltage indication, Supply Volatge Dips, Short and Long interuptions, Temporary Over Voltages, Voltage Unbalance and Harmonic Voltage. THD on Voltage and current harmonics with custom alarming, Indivividual Harmonics upto 63rd for current and Voltage, High Resolution waveform capture and directly from meter via FTP. Distrurbance Direction Detection, Sag/swell on any volatge, current channel.		
	Visual Indication 1-LED Based Phase indicating lamps, control RCBOs, CTs, etc.		
	Visual Indication 2-Set - ON/OFF/ TRIP lamps with control RCBOs		
	Additional Controller-Set - Manual Operation Selector switch		
	Signal Relayer-Potential Free Contacts for Remote Monitoring		
	Potential Bus/Busbar: set -32A TPN, Aluminum BUSBAR		
	OUTGOING WITH SMART IOT LINK TO GET DATA IN CLOUD	]	
	RCBOs shall be suitable for field-fittable Protection auxiliaries (viz. Over-	1	
	voltage release, Under-voltage release, Shunt trip) and Indication Auxiliaries (like Auxiliary Contact, Trip alarm contact). The circuit breakers shall be communication ready to indicate the status of the device (On/Off/Trip), Number of On/Off cycles and Number of Tripping		
	over universally open Modbus and Ethernet (TCP IP) protocol so as to		
	have seamless connectivity with any Energy and Building Management		
	System. In addition the circuit breaker should be able to communicate through GSM module the status of the device (On/Off/Trip) through mobile phone.		
	32A TPN RCBO, 2 NOS. (AHU)	-	
	25A TPN RCBO, 3 NOS. (PDB)	-	
	· , ,	_	
	32A TPN RCBO, 1 NOS.(SPARE)	-	
1	25A TPN RCBO, 2 NOS.(SPARE)	1	

.12	6TH UPPER FLOOR LIGHT SMART DB FOR DATA IN	1	No.
	CLOUD, Integratable to IBMS system by Open protocol		
	,modbus/bacnet etc, and also by Wi-Fi network Supply,		
	installation, testing & commissioning Type Of Construction Floor/Wall		
	<b>mounted</b> cubicle type panel 3rd Party certified as per IEC 61439-1&2		
	Fabricated from 14/16G CRCA sheet steel totally compartmentalized,		
	treated for rust proofing.with separate busbar chamber & cable chambers		
	Front & Back access for switchgears, connectors etc. Suitable for 430 V, 3		
	phase / 4 Wire System, 50 Hz supply		
	Main Control Unit/ Incomer WITH SMART IOT LINK TO GET DATA IN CLOUD		
	1 No32A MCCB, ,FP/TM , O/C,S/C,E/F,U/V and Shunt coils , Phase reversal relay etc.,WITH SMART IoT LINK TO GET DATA IN CLOUD		
	Basic Event Summary and Pass/Fail Reports for IEEE 519 for Volatge	1	
	and current Harmonics, 50160 Power Frequency, supply voltage		
	indication, Supply Volatge Dips, Short and Long interuptions, Temporary		
	Over Voltages, Voltage Unbalance and Harmonic Voltage. THD on Voltage		
	and current harmonics with custom alarming, Indivividual Harmonics		
	upto 63rd for current and Voltage, High Resolution waveform capture and		
	directly from meter via FTP. Distrurbance Direction Detection, Sag/swell		
	on any volatge, current channel.		
	Visual Indication 1-LED Based Phase indicating lamps, control RCBOs,	1	
	CTs, etc.		
	Visual Indication 2-Set - ON/OFF/ TRIP lamps with control RCBOs	1	
	Additional Controller-Set - Manual Operation Selector switch	-	
	Signal Relayer-Potential Free Contacts for Remote Monitoring		
	Potential Bus/Busbar: set -32A TPN, Aluminum BUSBAR		
	OUTGOING WITH SMART IOT LINK TO GET DATA IN CLOUD	1	
	RCBOs shall be suitable for field-fittable Protection auxiliaries (viz. Over-		
	voltage release, Under-voltage release, Shunt trip) and Indication		
	Auxiliaries (like Auxiliary Contact, Trip alarm contact). The circuit		
	breakers shall be communication ready to indicate the status of the		
	device (On/Off/Trip), Number of On/Off cycles and Number of Tripping		
	over universally open Modbus and Ethernet (TCP IP) protocol so as to		
	have seamless connectivity with any Energy and Building Management		
	System. In addition the circuit breaker should be able to communicate		
	System. In addition the circuit breaker should be able to communicate through GSM module the status of the device (On/Off/Trip) through		
	System. In addition the circuit breaker should be able to communicate		
	System. In addition the circuit breaker should be able to communicate through GSM module the status of the device (On/Off/Trip) through		
	System. In addition the circuit breaker should be able to communicate through GSM module the status of the device (On/Off/Trip) through mobile phone.		
13	System. In addition the circuit breaker should be able to communicate through GSM module the status of the device (On/Off/Trip) through mobile phone.  16A TPN RCBO, 3 NOS. (LDB)  16A TPN RCBO, 3 NOS.(SPARE)  TERRACE FLOOR RAW POWER & AC SMART DB FOR DATA IN	1	No.
.3	System. In addition the circuit breaker should be able to communicate through GSM module the status of the device (On/Off/Trip) through mobile phone.  16A TPN RCBO, 3 NOS. (LDB)  16A TPN RCBO, 3 NOS.(SPARE)  TERRACE FLOOR RAW POWER & AC SMART DB FOR DATA IN CLOUD, Integratable to IBMS system by Open protocol	1	No.
13	System. In addition the circuit breaker should be able to communicate through GSM module the status of the device (On/Off/Trip) through mobile phone.  16A TPN RCBO, 3 NOS. (LDB)  16A TPN RCBO, 3 NOS.(SPARE)  TERRACE FLOOR RAW POWER & AC SMART DB FOR DATA IN CLOUD, Integratable to IBMS system by Open protocol, modbus/bacnet etc, and also by Wi-Fi network Supply,	1	No.
.3	System. In addition the circuit breaker should be able to communicate through GSM module the status of the device (On/Off/Trip) through mobile phone.  16A TPN RCBO, 3 NOS. (LDB)  16A TPN RCBO, 3 NOS.(SPARE)  TERRACE FLOOR RAW POWER & AC SMART DB FOR DATA IN CLOUD, Integratable to IBMS system by Open protocol ,modbus/bacnet etc, and also by Wi-Fi network Supply, installation, testing & commissioning Type Of Construction Floor/Wall	1	No.
13	System. In addition the circuit breaker should be able to communicate through GSM module the status of the device (On/Off/Trip) through mobile phone.  16A TPN RCBO, 3 NOS. (LDB)  16A TPN RCBO, 3 NOS. (SPARE)  TERRACE FLOOR RAW POWER & AC SMART DB FOR DATA IN CLOUD, Integratable to IBMS system by Open protocol ,modbus/bacnet etc, and also by Wi-Fi network Supply, installation, testing & commissioning Type Of Construction Floor/Wall mounted cubicle type panel 3rd Party certified as per IEC 61439-1&2	1	No.
13	System. In addition the circuit breaker should be able to communicate through GSM module the status of the device (On/Off/Trip) through mobile phone.  16A TPN RCBO, 3 NOS. (LDB)  16A TPN RCBO, 3 NOS.(SPARE)  TERRACE FLOOR RAW POWER & AC SMART DB FOR DATA IN CLOUD, Integratable to IBMS system by Open protocol ,modbus/bacnet etc, and also by Wi-Fi network Supply, installation, testing & commissioning Type Of Construction Floor/Wall	1	No.
13	System. In addition the circuit breaker should be able to communicate through GSM module the status of the device (On/Off/Trip) through mobile phone.  16A TPN RCBO, 3 NOS. (LDB)  16A TPN RCBO, 3 NOS. (SPARE)  TERRACE FLOOR RAW POWER & AC SMART DB FOR DATA IN CLOUD, Integratable to IBMS system by Open protocol ,modbus/bacnet etc, and also by Wi-Fi network Supply, installation, testing & commissioning Type Of Construction Floor/Wall mounted cubicle type panel 3rd Party certified as per IEC 61439-1&2	1	No.
13	System. In addition the circuit breaker should be able to communicate through GSM module the status of the device (On/Off/Trip) through mobile phone.  16A TPN RCBO, 3 NOS. (LDB)  16A TPN RCBO, 3 NOS. (SPARE)  TERRACE FLOOR RAW POWER & AC SMART DB FOR DATA IN CLOUD, Integratable to IBMS system by Open protocol, modbus/bacnet etc, and also by Wi-Fi network Supply, installation, testing & commissioning Type Of Construction Floor/Wall mounted cubicle type panel 3rd Party certified as per IEC 61439-1&2 Fabricated from 14/16G CRCA sheet steel totally compartmentalized,	1	No.
3	System. In addition the circuit breaker should be able to communicate through GSM module the status of the device (On/Off/Trip) through mobile phone.  16A TPN RCBO, 3 NOS. (LDB)  16A TPN RCBO, 3 NOS. (SPARE)  TERRACE FLOOR RAW POWER & AC SMART DB FOR DATA IN CLOUD, Integratable to IBMS system by Open protocol, modbus/bacnet etc, and also by Wi-Fi network Supply, installation, testing & commissioning Type Of Construction Floor/Wall mounted cubicle type panel 3rd Party certified as per IEC 61439-1&2 Fabricated from 14/16G CRCA sheet steel totally compartmentalized, treated for rust proofing. with separate busbar chamber & cable chambers	1	No.
113	System. In addition the circuit breaker should be able to communicate through GSM module the status of the device (On/Off/Trip) through mobile phone.  16A TPN RCBO, 3 NOS. (LDB)  16A TPN RCBO, 3 NOS. (SPARE)  TERRACE FLOOR RAW POWER & AC SMART DB FOR DATA IN CLOUD, Integratable to IBMS system by Open protocol ,modbus/bacnet etc, and also by Wi-Fi network Supply, installation, testing & commissioning Type Of Construction Floor/Wall mounted cubicle type panel 3rd Party certified as per IEC 61439-1&2 Fabricated from 14/16G CRCA sheet steel totally compartmentalized, treated for rust proofing. with separate busbar chamber & cable chambers Front & Back access for switchgears, connectors etc. Suitable for 430 V, 3 phase / 4 Wire System , 50 Hz supply  Main Control Unit/ Incomer WITH SMART IOT LINK TO GET DATA IN	1	No.
113	System. In addition the circuit breaker should be able to communicate through GSM module the status of the device (On/Off/Trip) through mobile phone.  16A TPN RCBO, 3 NOS. (LDB)  16A TPN RCBO, 3 NOS. (SPARE)  TERRACE FLOOR RAW POWER & AC SMART DB FOR DATA IN CLOUD, Integratable to IBMS system by Open protocol ,modbus/bacnet etc, and also by Wi-Fi network Supply, installation, testing & commissioning Type Of Construction Floor/Wall mounted cubicle type panel 3rd Party certified as per IEC 61439-1&2 Fabricated from 14/16G CRCA sheet steel totally compartmentalized, treated for rust proofing. with separate busbar chamber & cable chambers Front & Back access for switchgears, connectors etc. Suitable for 430 V, 3 phase / 4 Wire System , 50 Hz supply  Main Control Unit/ Incomer WITH SMART IOT LINK TO GET DATA IN CLOUD	1	No.
13	System. In addition the circuit breaker should be able to communicate through GSM module the status of the device (On/Off/Trip) through mobile phone.  16A TPN RCBO, 3 NOS. (LDB)  16A TPN RCBO, 3 NOS. (SPARE)  TERRACE FLOOR RAW POWER & AC SMART DB FOR DATA IN CLOUD, Integratable to IBMS system by Open protocol ,modbus/bacnet etc, and also by Wi-Fi network Supply, installation, testing & commissioning Type Of Construction Floor/Wall mounted cubicle type panel 3rd Party certified as per IEC 61439-1&2 Fabricated from 14/16G CRCA sheet steel totally compartmentalized, treated for rust proofing. with separate busbar chamber & cable chambers Front & Back access for switchgears, connectors etc. Suitable for 430 V, 3 phase / 4 Wire System , 50 Hz supply  Main Control Unit/ Incomer WITH SMART IOT LINK TO GET DATA IN	1	No.

1	Basic Event Summary and Pass/Fail Reports for IEEE 519 for Volatge		
	and current Harmonics, 50160 Power Frequency, supply voltage		
	indication, Supply Volatge Dips, Short and Long interuptions, Temporary		
	Over Voltages, Voltage Unbalance and Harmonic Voltage. THD on Voltage		
	and current harmonics with custom alarming, Indivividual Harmonics		
	upto 63rd for current and Voltage, High Resolution waveform capture and		
	directly from meter via FTP. Distrurbance Direction Detection, Sag/swell		
	on any volatge, current channel.	-	
	Visual Indication 1-LED Based Phase indicating lamps, control RCBOs,		
	CTs, etc. Visual Indication 2-Set - ON/OFF/ TRIP lamps with control RCBOs	-	
		-	
	Additional Controller-Set - Manual Operation Selector switch	1	
	Signal Relayer-Potential Free Contacts for Remote Monitoring		
	Potential Bus/Busbar: set -63A TPN, Aluminum BUSBAR		
	OUTGOING WITH SMART IOT LINK TO GET DATA IN CLOUD		
	RCBOs shall be suitable for field-fittable Protection auxiliaries (viz. Over-		
	voltage release, Under-voltage release, Shunt trip) and Indication		
	Auxiliaries (like Auxiliary Contact, Trip alarm contact). The circuit		
Ì	breakers shall be communication ready to indicate the status of the		
	device (On/Off/Trip), Number of On/Off cycles and Number of Tripping		
	over universally open Modbus and Ethernet (TCP IP) protocol so as to		
	have seamless connectivity with any Energy and Building Management System. In addition the circuit breaker should be able to communicate		
	through GSM module the status of the device (On/Off/Trip) through		
	mobile phone.		
	40A TPN RCBO, 2 NOS. (AHU)	-	
	25A TPN RCBO, 1 NOS. (PDB)	_	
		_	
1 1 4	25A TPN RCBO, 3 NOS.(SPARE)	1	N.T
1.14	TERRACE FLOOR LIGHT SMART DB FOR DATA IN	1	No.
	CLOUD, Integratable to IBMS system by Open protocol		
	The modelie / nachet etc. and also by Wi-Hi hetwork Silbaly		
	,modbus/bacnet etc, and also by Wi-Fi network Supply, installation testing & commissioning Type Of Construction Floor/Wall		
	installation, testing & commissioning Type Of Construction Floor/Wall		
	installation, testing & commissioning Type Of Construction <b>Floor/Wall mounted</b> cubicle type panel 3rd Party certified as per IEC 61439-1&2		
	installation, testing & commissioning Type Of Construction Floor/Wall		
	installation, testing & commissioning Type Of Construction <b>Floor/Wall mounted</b> cubicle type panel 3rd Party certified as per IEC 61439-1&2 Fabricated from 14/16G CRCA sheet steel totally compartmentalized, treated for rust proofing with separate busbar chamber & cable chambers Front & Back access for switchgears, connectors etc. Suitable for 430 V, 3		
	installation,testing & commissioning Type Of Construction Floor/Wall mounted cubicle type panel 3rd Party certified as per IEC 61439-1&2 Fabricated from 14/16G CRCA sheet steel totally compartmentalized, treated for rust proofing with separate busbar chamber & cable chambers Front & Back access for switchgears, connectors etc.Suitable for 430 V, 3 phase / 4 Wire System, 50 Hz supply		
	installation,testing & commissioning Type Of Construction Floor/Wall mounted cubicle type panel 3rd Party certified as per IEC 61439-1&2 Fabricated from 14/16G CRCA sheet steel totally compartmentalized, treated for rust proofing with separate busbar chamber & cable chambers Front & Back access for switchgears, connectors etc.Suitable for 430 V, 3 phase / 4 Wire System, 50 Hz supply  Main Control Unit/ Incomer WITH SMART IOT LINK TO GET DATA IN		
	installation,testing & commissioning Type Of Construction Floor/Wall mounted cubicle type panel 3rd Party certified as per IEC 61439-1&2 Fabricated from 14/16G CRCA sheet steel totally compartmentalized, treated for rust proofing with separate busbar chamber & cable chambers Front & Back access for switchgears, connectors etc.Suitable for 430 V, 3 phase / 4 Wire System, 50 Hz supply  Main Control Unit/ Incomer WITH SMART IOT LINK TO GET DATA IN CLOUD		
	installation,testing & commissioning Type Of Construction Floor/Wall mounted cubicle type panel 3rd Party certified as per IEC 61439-1&2 Fabricated from 14/16G CRCA sheet steel totally compartmentalized, treated for rust proofing with separate busbar chamber & cable chambers Front & Back access for switchgears, connectors etc.Suitable for 430 V, 3 phase / 4 Wire System, 50 Hz supply  Main Control Unit/ Incomer WITH SMART IOT LINK TO GET DATA IN		
	installation,testing & commissioning Type Of Construction Floor/Wall mounted cubicle type panel 3rd Party certified as per IEC 61439-1&2 Fabricated from 14/16G CRCA sheet steel totally compartmentalized, treated for rust proofing with separate busbar chamber & cable chambers Front & Back access for switchgears, connectors etc.Suitable for 430 V, 3 phase / 4 Wire System , 50 Hz supply  Main Control Unit/ Incomer WITH SMART IOT LINK TO GET DATA IN CLOUD  1 No63A MCCB, ,FP/TM , O/C,S/C,E/F,U/V and Shunt coils , Phase		
	installation,testing & commissioning Type Of Construction Floor/Wall mounted cubicle type panel 3rd Party certified as per IEC 61439-1&2 Fabricated from 14/16G CRCA sheet steel totally compartmentalized, treated for rust proofing with separate busbar chamber & cable chambers Front & Back access for switchgears, connectors etc.Suitable for 430 V, 3 phase / 4 Wire System , 50 Hz supply  Main Control Unit/ Incomer WITH SMART IOT LINK TO GET DATA IN CLOUD  1 No63A MCCB, ,FP/TM , O/C,S/C,E/F,U/V and Shunt coils , Phase reversal relay etc.,WITH SMART IOT LINK TO GET DATA IN CLOUD		
	installation,testing & commissioning Type Of Construction Floor/Wall mounted cubicle type panel 3rd Party certified as per IEC 61439-1&2 Fabricated from 14/16G CRCA sheet steel totally compartmentalized, treated for rust proofing with separate busbar chamber & cable chambers Front & Back access for switchgears, connectors etc.Suitable for 430 V, 3 phase / 4 Wire System , 50 Hz supply  Main Control Unit/ Incomer WITH SMART IoT LINK TO GET DATA IN CLOUD  1 No63A MCCB, ,FP/TM , O/C,S/C,E/F,U/V and Shunt coils , Phase reversal relay etc.,WITH SMART IoT LINK TO GET DATA IN CLOUD  Basic Event Summary and Pass/Fail Reports for IEEE 519 for Volatge and current Harmonics, 50160 Power Frequency, supply voltage indication, Supply Volatge Dips, Short and Long interuptions, Temporary		
	installation,testing & commissioning Type Of Construction Floor/Wall mounted cubicle type panel 3rd Party certified as per IEC 61439-1&2 Fabricated from 14/16G CRCA sheet steel totally compartmentalized, treated for rust proofing with separate busbar chamber & cable chambers Front & Back access for switchgears, connectors etc.Suitable for 430 V, 3 phase / 4 Wire System , 50 Hz supply  Main Control Unit/ Incomer WITH SMART IoT LINK TO GET DATA IN CLOUD  1 No63A MCCB, ,FP/TM , O/C,S/C,E/F,U/V and Shunt coils , Phase reversal relay etc.,WITH SMART IoT LINK TO GET DATA IN CLOUD  Basic Event Summary and Pass/Fail Reports for IEEE 519 for Volatge and current Harmonics, 50160 Power Frequency, supply voltage indication, Supply Volatge Dips, Short and Long interuptions, Temporary Over Voltages, Voltage Unbalance and Harmonic Voltage. THD on Voltage		
	installation,testing & commissioning Type Of Construction Floor/Wall mounted cubicle type panel 3rd Party certified as per IEC 61439-1&2 Fabricated from 14/16G CRCA sheet steel totally compartmentalized, treated for rust proofing with separate busbar chamber & cable chambers Front & Back access for switchgears, connectors etc.Suitable for 430 V, 3 phase / 4 Wire System , 50 Hz supply  Main Control Unit/ Incomer WITH SMART IoT LINK TO GET DATA IN CLOUD  1 No63A MCCB, ,FP/TM, O/C,S/C,E/F,U/V and Shunt coils, Phase reversal relay etc.,WITH SMART IoT LINK TO GET DATA IN CLOUD  Basic Event Summary and Pass/Fail Reports for IEEE 519 for Volatge and current Harmonics, 50160 Power Frequency, supply voltage indication, Supply Volatge Dips, Short and Long interuptions, Temporary Over Voltages, Voltage Unbalance and Harmonic Voltage. THD on Voltage and current harmonics with custom alarming, Indivividual Harmonics		
	installation,testing & commissioning Type Of Construction Floor/Wall mounted cubicle type panel 3rd Party certified as per IEC 61439-1&2 Fabricated from 14/16G CRCA sheet steel totally compartmentalized, treated for rust proofing with separate busbar chamber & cable chambers Front & Back access for switchgears, connectors etc.Suitable for 430 V, 3 phase / 4 Wire System , 50 Hz supply  Main Control Unit/ Incomer WITH SMART IoT LINK TO GET DATA IN CLOUD  1 No63A MCCB, ,FP/TM, O/C,S/C,E/F,U/V and Shunt coils, Phase reversal relay etc.,WITH SMART IoT LINK TO GET DATA IN CLOUD  Basic Event Summary and Pass/Fail Reports for IEEE 519 for Volatge and current Harmonics, 50160 Power Frequency, supply voltage indication, Supply Volatge Dips, Short and Long interuptions, Temporary Over Voltages, Voltage Unbalance and Harmonic Voltage. THD on Voltage and current harmonics with custom alarming, Indivividual Harmonics upto 63rd for current and Voltage, High Resolution waveform capture and		
	installation,testing & commissioning Type Of Construction Floor/Wall mounted cubicle type panel 3rd Party certified as per IEC 61439-1&2 Fabricated from 14/16G CRCA sheet steel totally compartmentalized, treated for rust proofing.with separate busbar chamber & cable chambers Front & Back access for switchgears, connectors etc.Suitable for 430 V, 3 phase / 4 Wire System, 50 Hz supply  Main Control Unit/ Incomer WITH SMART IoT LINK TO GET DATA IN CLOUD  1 No63A MCCB, ,FP/TM, O/C,S/C,E/F,U/V and Shunt coils, Phase reversal relay etc.,WITH SMART IoT LINK TO GET DATA IN CLOUD  Basic Event Summary and Pass/Fail Reports for IEEE 519 for Volatge and current Harmonics, 50160 Power Frequency, supply voltage indication, Supply Volatge Dips, Short and Long interuptions, Temporary Over Voltages, Voltage Unbalance and Harmonic Voltage. THD on Voltage and current harmonics with custom alarming, Indivividual Harmonics upto 63rd for current and Voltage, High Resolution waveform capture and directly from meter via FTP. Distrurbance Direction Detection, Sag/swell		
	installation,testing & commissioning Type Of Construction Floor/Wall mounted cubicle type panel 3rd Party certified as per IEC 61439-1&2 Fabricated from 14/16G CRCA sheet steel totally compartmentalized, treated for rust proofing with separate busbar chamber & cable chambers Front & Back access for switchgears, connectors etc.Suitable for 430 V, 3 phase / 4 Wire System, 50 Hz supply  Main Control Unit/ Incomer WITH SMART IoT LINK TO GET DATA IN CLOUD  1 No63A MCCB, ,FP/TM, O/C,S/C,E/F,U/V and Shunt coils, Phase reversal relay etc.,WITH SMART IoT LINK TO GET DATA IN CLOUD  Basic Event Summary and Pass/Fail Reports for IEEE 519 for Volatge and current Harmonics, 50160 Power Frequency, supply voltage indication, Supply Volatge Dips, Short and Long interuptions, Temporary Over Voltages, Voltage Unbalance and Harmonic Voltage. THD on Voltage and current harmonics with custom alarming, Indivividual Harmonics upto 63rd for current and Voltage, High Resolution waveform capture and directly from meter via FTP. Distrurbance Direction Detection, Sag/swell on any volatge, current channel.		
	installation, testing & commissioning Type Of Construction Floor/Wall mounted cubicle type panel 3rd Party certified as per IEC 61439-1&2 Fabricated from 14/16G CRCA sheet steel totally compartmentalized, treated for rust proofing.with separate busbar chamber & cable chambers Front & Back access for switchgears, connectors etc. Suitable for 430 V, 3 phase / 4 Wire System, 50 Hz supply  Main Control Unit/ Incomer WITH SMART IoT LINK TO GET DATA IN CLOUD  1 No63A MCCB, ,FP/TM, O/C,S/C,E/F,U/V and Shunt coils, Phase reversal relay etc.,WITH SMART IoT LINK TO GET DATA IN CLOUD  Basic Event Summary and Pass/Fail Reports for IEEE 519 for Volatge and current Harmonics, 50160 Power Frequency, supply voltage indication, Supply Volatge Dips, Short and Long interuptions, Temporary Over Voltages, Voltage Unbalance and Harmonic Voltage. THD on Voltage and current harmonics with custom alarming, Indivividual Harmonics upto 63rd for current and Voltage, High Resolution waveform capture and directly from meter via FTP. Distrurbance Direction Detection, Sag/swell on any volatge, current channel.  Visual Indication 1-LED Based Phase indicating lamps, control RCBOs,		
	installation, testing & commissioning Type Of Construction Floor/Wall mounted cubicle type panel 3rd Party certified as per IEC 61439-1&2 Fabricated from 14/16G CRCA sheet steel totally compartmentalized, treated for rust proofing.with separate busbar chamber & cable chambers Front & Back access for switchgears, connectors etc. Suitable for 430 V, 3 phase / 4 Wire System, 50 Hz supply  Main Control Unit/ Incomer WITH SMART IoT LINK TO GET DATA IN CLOUD  1 No63A MCCB, ,FP/TM, O/C,S/C,E/F,U/V and Shunt coils, Phase reversal relay etc.,WITH SMART IoT LINK TO GET DATA IN CLOUD  Basic Event Summary and Pass/Fail Reports for IEEE 519 for Volatge and current Harmonics, 50160 Power Frequency, supply voltage indication, Supply Volatge Dips, Short and Long interuptions, Temporary Over Voltages, Voltage Unbalance and Harmonic Voltage. THD on Voltage and current harmonics with custom alarming, Indivividual Harmonics upto 63rd for current and Voltage, High Resolution waveform capture and directly from meter via FTP. Distrurbance Direction Detection, Sag/swell on any volatge, current channel.  Visual Indication 1-LED Based Phase indicating lamps, control RCBOs, CTs, etc.		
	installation, testing & commissioning Type Of Construction Floor/Wall mounted cubicle type panel 3rd Party certified as per IEC 61439-1&2 Fabricated from 14/16G CRCA sheet steel totally compartmentalized, treated for rust proofing.with separate busbar chamber & cable chambers Front & Back access for switchgears, connectors etc. Suitable for 430 V, 3 phase / 4 Wire System, 50 Hz supply  Main Control Unit/ Incomer WITH SMART IoT LINK TO GET DATA IN CLOUD  1 No63A MCCB, ,FP/TM, O/C,S/C,E/F,U/V and Shunt coils, Phase reversal relay etc.,WITH SMART IoT LINK TO GET DATA IN CLOUD  Basic Event Summary and Pass/Fail Reports for IEEE 519 for Volatge and current Harmonics, 50160 Power Frequency, supply voltage indication, Supply Volatge Dips, Short and Long interuptions, Temporary Over Voltages, Voltage Unbalance and Harmonic Voltage. THD on Voltage and current harmonics with custom alarming, Indivividual Harmonics upto 63rd for current and Voltage, High Resolution waveform capture and directly from meter via FTP. Distrurbance Direction Detection, Sag/swell on any volatge, current channel.  Visual Indication 1-LED Based Phase indicating lamps, control RCBOs, CTs, etc.  Visual Indication 2-Set - ON/OFF/ TRIP lamps with control RCBOs		
	installation,testing & commissioning Type Of Construction Floor/Wall mounted cubicle type panel 3rd Party certified as per IEC 61439-1&2 Fabricated from 14/16G CRCA sheet steel totally compartmentalized, treated for rust proofing with separate busbar chamber & cable chambers Front & Back access for switchgears, connectors etc.Suitable for 430 V, 3 phase / 4 Wire System, 50 Hz supply  Main Control Unit/ Incomer WITH SMART IoT LINK TO GET DATA IN CLOUD  1 No63A MCCB, ,FP/TM, O/C,S/C,E/F,U/V and Shunt coils, Phase reversal relay etc.,WITH SMART IoT LINK TO GET DATA IN CLOUD  Basic Event Summary and Pass/Fail Reports for IEEE 519 for Volatge and current Harmonics, 50160 Power Frequency, supply voltage indication, Supply Volatge Dips, Short and Long interruptions, Temporary Over Voltages, Voltage Unbalance and Harmonic Voltage. THD on Voltage and current harmonics with custom alarming, Indivividual Harmonics upto 63rd for current and Voltage, High Resolution waveform capture and directly from meter via FTP. Distrurbance Direction Detection, Sag/swell on any volatge, current channel.  Visual Indication 1-LED Based Phase indicating lamps, control RCBOs, CTs, etc.  Visual Indication 2-Set - ON/OFF/ TRIP lamps with control RCBOs  Additional Controller-Set - Manual Operation Selector switch		
	installation, testing & commissioning Type Of Construction Floor/Wall mounted cubicle type panel 3rd Party certified as per IEC 61439-1&2 Fabricated from 14/16G CRCA sheet steel totally compartmentalized, treated for rust proofing with separate busbar chamber & cable chambers Front & Back access for switchgears, connectors etc. Suitable for 430 V, 3 phase / 4 Wire System, 50 Hz supply  Main Control Unit/ Incomer WITH SMART IoT LINK TO GET DATA IN CLOUD  1 No63A MCCB, ,FP/TM, O/C,S/C,E/F,U/V and Shunt coils, Phase reversal relay etc.,WITH SMART IoT LINK TO GET DATA IN CLOUD  Basic Event Summary and Pass/Fail Reports for IEEE 519 for Volatge and current Harmonics, 50160 Power Frequency, supply voltage indication, Supply Volatge Dips, Short and Long interuptions, Temporary Over Voltages, Voltage Unbalance and Harmonic Voltage. THD on Voltage and current harmonics with custom alarming, Indivividual Harmonics upto 63rd for current and Voltage, High Resolution waveform capture and directly from meter via FTP. Distrurbance Direction Detection, Sag/swell on any volatge, current channel.  Visual Indication 1-LED Based Phase indicating lamps, control RCBOs, CTs, etc.  Visual Indication 2-Set - ON/OFF/ TRIP lamps with control RCBOs  Additional Controller-Set - Manual Operation Selector switch		
	installation,testing & commissioning Type Of Construction Floor/Wall mounted cubicle type panel 3rd Party certified as per IEC 61439-1&2 Fabricated from 14/16G CRCA sheet steel totally compartmentalized, treated for rust proofing with separate busbar chamber & cable chambers Front & Back access for switchgears, connectors etc.Suitable for 430 V, 3 phase / 4 Wire System, 50 Hz supply  Main Control Unit/ Incomer WITH SMART IoT LINK TO GET DATA IN CLOUD  1 No63A MCCB, ,FP/TM, O/C,S/C,E/F,U/V and Shunt coils, Phase reversal relay etc.,WITH SMART IoT LINK TO GET DATA IN CLOUD  Basic Event Summary and Pass/Fail Reports for IEEE 519 for Volatge and current Harmonics, 50160 Power Frequency, supply voltage indication, Supply Volatge Dips, Short and Long interruptions, Temporary Over Voltages, Voltage Unbalance and Harmonic Voltage. THD on Voltage and current harmonics with custom alarming, Indivividual Harmonics upto 63rd for current and Voltage, High Resolution waveform capture and directly from meter via FTP. Distrurbance Direction Detection, Sag/swell on any volatge, current channel.  Visual Indication 1-LED Based Phase indicating lamps, control RCBOs, CTs, etc.  Visual Indication 2-Set - ON/OFF/ TRIP lamps with control RCBOs  Additional Controller-Set - Manual Operation Selector switch		

	RCBOs shall be suitable for field-fittable Protection auxiliaries (viz. Overvoltage release, Under-voltage release, Shunt trip) and Indication Auxiliaries (like Auxiliary Contact, Trip alarm contact). The circuit breakers shall be communication ready to indicate the status of the device (On/Off/Trip), Number of On/Off cycles and Number of Tripping over universally open Modbus and Ethernet (TCP IP) protocol so as to have seamless connectivity with any Energy and Building Management System. In addition the circuit breaker should be able to communicate through GSM module the status of the device (On/Off/Trip) through mobile phone.		
	40A TPN RCBO, 1 NOS. (TERRACE FLOOR MESEUM LDB)	1	
	16A TPN RCBO, 1 NOS. (TERRACE FLOOR EXTERNAL LDB)	-	
	40A TPN RCBO, 2 NOS. (SPARE)	-	
		-	
	16A TPN RCBO, 1 NOS.(SPARE)		
	WING-C BUS DUCT		
1.1	1ST FLOOR RAW POWER & AC SMART DB FOR DATA IN CLOUD, Integratable to IBMS system by Open protocol ,modbus/bacnet etc, and also by Wi-Fi network Supply, installation, testing & commissioning Type Of Construction Floor/Wall mounted cubicle type panel 3rd Party certified as per IEC 61439-1&2 Fabricated from 14/16G CRCA sheet steel totally compartmentalized, treated for rust proofing. with separate busbar chamber & cable chambers Front & Back access for switchgears, connectors etc. Suitable for 430 V, 3 phase / 4 Wire System , 50 Hz supply	1	No.
	Main Control Unit/ Incomer WITH SMART IOT LINK TO GET DATA IN	1	
	CLOUD	_	
	1 No63A MCCB, ,FP/TM , O/C,S/C,E/F,U/V and Shunt coils , Phase reversal relay etc.,WITH SMART IoT LINK TO GET DATA IN CLOUD		
	Basic Event Summary and Pass/Fail Reports for IEEE 519 for Volatge and current Harmonics, 50160 Power Frequency, supply voltage indication, Supply Volatge Dips, Short and Long interuptions, Temporary Over Voltages, Voltage Unbalance and Harmonic Voltage. THD on Voltage and current harmonics with custom alarming, Indivividual Harmonics upto 63rd for current and Voltage, High Resolution waveform capture and directly from meter via FTP. Distrurbance Direction Detection, Sag/swell on any volatge, current channel.		
	Visual Indication 1-LED Based Phase indicating lamps, control RCBOs, CTs, etc.		
	Visual Indication 2-Set - ON/OFF/ TRIP lamps with control RCBOs	1	
	Additional Controller-Set - Manual Operation Selector switch	1	
	Signal Relayer-Potential Free Contacts for Remote Monitoring	1	
	Potential Bus/Busbar: set -63A TPN,Aluminum BUSBAR	-	
	OUTGOING WITH SMART IOT LINK TO GET DATA IN CLOUD	1	
	RCBOs shall be suitable for field-fittable Protection auxiliaries (viz. Overvoltage release, Under-voltage release, Shunt trip) and Indication Auxiliaries (like Auxiliary Contact, Trip alarm contact). The circuit breakers shall be communication ready to indicate the status of the device (On/Off/Trip), Number of On/Off cycles and Number of Tripping		
	over universally open Modbus and Ethernet (TCP IP) protocol so as to have seamless connectivity with any Energy and Building Management System. In addition the circuit breaker should be able to communicate through GSM module the status of the device (On/Off/Trip) through mobile phone.		
	32A TPN RCBO, 4 NOS. (AHU)		
	25A TPN RCBO, 1 NOS. (AHU)	1	
	25A TPN RCBO, 2NOS. (RAW POWER DB-1)	1	
	32A TPN RCBO, 2 NOS.(SPARE)	†	
	25A TPN RCBO, 1 NOS.(SPARE)	†	
	<u> </u>	1	i

1.2	1ST FLOOR LIGHT SMART DB FOR DATA IN CLOUD, Integratable to IBMS system by Open protocol , modbus/bacnet etc, and also by Wi-Fi network Supply, installation, testing & commissioning Type Of Construction Floor/Wall mounted cubicle type panel 3rd Party certified as per IEC 61439-1&2 Fabricated from 14/16G CRCA sheet steel totally compartmentalized, treated for rust proofing, with separate busbar chamber & cable chambers Front & Back access for switchgears, connectors etc. Suitable for 430 V, 3 phase / 4 Wire System , 50 Hz supply  Main Control Unit/ Incomer WITH SMART IoT LINK TO GET DATA IN CLOUD  1 No32A MCCB, FP/TM, O/C,S/C,E/F,U/V and Shunt coils, Phase reversal relay etc., WITH SMART IoT LINK TO GET DATA IN CLOUD  Basic Event Summary and Pass/Fail Reports for IEEE 519 for Volatge and current Harmonics, 50160 Power Frequency, supply voltage indication, Supply Volatge Dips, Short and Long interuptions, Temporary Over Voltages, Voltage Unbalance and Harmonic Voltage. THD on Voltage and current harmonics with custom alarming, Indivividual Harmonics upto 63rd for current and Voltage, High Resolution waveform capture and directly from meter via FTP. Distrurbance Direction Detection, Sag/swell on any volatge, current channel.  Visual Indication 1-LED Based Phase indicating lamps, control RCBOs, CTs, etc.  Visual Indication 2-Set - ON/OFF/ TRIP lamps with control RCBOs  Additional Controller-Set - Manual Operation Selector switch  Signal Relayer-Potential Free Contacts for Remote Monitoring  Potential Bus/Busbar: set -32A TPN, Aluminum BUSBAR  OUTGOING WITH SMART IoT LINK TO GET DATA IN CLOUD  RCBOs shall be suitable for field-fittable Protection auxiliaries (viz. Overvoltage release, Under-voltage release, Shunt trip) and Indication  Auxiliaries (like Auxiliary Contact, Trip alarm contact). The circuit breakers shall be communication ready to indicate the status of the device (On/Off/Trip), Number of On/Off cycles and Number of Tripping over universally open Modbus and Ethernet (TCP IP) protocol so as to have		No.
	16A TPN RCBO, 4NOS. (LDB)		
	16A TPN RCBO, 3 NOS.(SPARE)	1	
1.3	2ND FLOOR RAW POWER & AC SMART DB FOR DATA IN CLOUD, Integratable to IBMS system by Open protocol ,modbus/bacnet etc, and also by Wi-Fi network Supply, installation, testing & commissioning Type Of Construction Floor/Wall mounted cubicle type panel 3rd Party certified as per IEC 61439-1&2 Fabricated from 14/16G CRCA sheet steel totally compartmentalized, treated for rust proofing.with separate busbar chamber & cable chambers Front & Back access for switchgears, connectors etc. Suitable for 430 V, 3 phase / 4 Wire System , 50 Hz supply  Main Control Unit/ Incomer WITH SMART IOT LINK TO GET DATA IN	1	No.
	Main Control Unit/ Incomer WITH SMART IOT LINK TO GET DATA IN CLOUD  1 No63A MCCB, ,FP/TM, O/C,S/C,E/F,U/V and Shunt coils, Phase reversal relay etc.,WITH SMART IOT LINK TO GET DATA IN CLOUD		

Basic Event Summary and Pass/Fail Reports for IEEE 519 for Volatge and current Harmonics, 50160 Power Frequency, supply voltage indication, Supply Volatge Dips, Short and Long interuptions, Temporary Over Voltages, Voltage Unbalance and Harmonic Voltage. THD on Voltage and current harmonics with custom alarming, Indivividual Harmonics upto 63rd for current and Voltage, High Resolution waveform capture and directly from meter via FTP. Distrurbance Direction Detection, Sag/swell on any volatge, current channel.

Visual Indication 1-LED Based Phase indicating lamps, control RCBOs, CTs, etc.

Visual Indication 2-Set - ON/OFF/ TRIP lamps with control RCBOs

Additional Controller-Set - Manual Operation Selector switch

Signal Relayer-Potential Free Contacts for Remote Monitoring

#### Potential Bus/Busbar: set -63A TPN, Aluminum BUSBAR

## OUTGOING WITH SMART IOT LINK TO GET DATA IN CLOUD

RCBOs shall be suitable for field-fittable Protection auxiliaries (viz. Overvoltage release, Under-voltage release, Shunt trip) and Indication Auxiliaries (like Auxiliary Contact, Trip alarm contact). The circuit breakers shall be communication ready to indicate the status of the device (On/Off/Trip), Number of On/Off cycles and Number of Tripping over universally open Modbus and Ethernet (TCP IP) protocol so as to have seamless connectivity with any Energy and Building Management System. In addition the circuit breaker should be able to communicate through GSM module the status of the device (On/Off/Trip) through mobile phone.

40A TPN RCBO, 1 NOS. (AHU)

25A TPN RCBO, 2NOS. (RAW POWER DB-1)

40A TPN RCBO, 1 NOS.(SPARE)

25A TPN RCBO, 2 NOS.(SPARE)

2ND FLOOR LIGHT SMART DB FOR DATA IN CLOUD,Integratable to IBMS system by Open protocol ,modbus/bacnet etc, and also by Wi-Fi network-- Supply, installation,testing & commissioning Type Of Construction Floor/Wall mounted cubicle type panel 3rd Party certified as per IEC 61439-1&2 Fabricated from 14/16G CRCA sheet steel totally compartmentalized, treated for rust proofing.with separate busbar chamber & cable chambers Front & Back access for switchgears, connectors etc.Suitable for 430 V, 3 phase / 4 Wire System , 50 Hz

# supply Main Control Unit/ Incomer WITH SMART IOT LINK TO GET DATA IN CLOUD

1 No. -32A MCCB,  $\ \ ,FP/TM$ , O/C,S/C,E/F,U/V and Shunt coils , Phase reversal relay etc.,WITH SMART IoT LINK TO GET DATA IN CLOUD

Basic Event Summary and Pass/Fail Reports for IEEE 519 for Volatge and current Harmonics, 50160 Power Frequency, supply voltage indication, Supply Volatge Dips, Short and Long interuptions, Temporary Over Voltages, Voltage Unbalance and Harmonic Voltage. THD on Voltage and current harmonics with custom alarming, Indivividual Harmonics upto 63rd for current and Voltage, High Resolution waveform capture and directly from meter via FTP. Distrurbance Direction Detection, Sag/swell on any volatge, current channel.

Visual Indication 1-LED Based Phase indicating lamps, control RCBOs, CTs, etc.

Visual Indication 2-Set - ON/OFF/ TRIP lamps with control RCBOs

Additional Controller-Set - Manual Operation Selector switch

Signal Relayer-Potential Free Contacts for Remote Monitoring

Potential Bus/Busbar: set -32A TPN, Aluminum BUSBAR

OUTGOING WITH SMART IOT LINK TO GET DATA IN CLOUD

	RCBOs shall be suitable for field-fittable Protection auxiliaries (viz. Overvoltage release, Under-voltage release, Shunt trip) and Indication Auxiliaries (like Auxiliary Contact, Trip alarm contact). The circuit breakers shall be communication ready to indicate the status of the device (On/Off/Trip), Number of On/Off cycles and Number of Tripping over universally open Modbus and Ethernet (TCP IP) protocol so as to have seamless connectivity with any Energy and Building Management System. In addition the circuit breaker should be able to communicate through GSM module the status of the device (On/Off/Trip) through mobile phone.  16A TPN RCBO, 2NOS. (LDB)		
	16A TPN RCBO, 3 NOS.(SPARE)		
1.5	3RD FLOOR RAW POWER & AC SMART DB FOR DATA IN CLOUD, Integratable to IBMS system by Open protocol ,modbus/bacnet etc, and also by Wi-Fi network Supply, installation, testing & commissioning Type Of Construction Floor/Wall mounted cubicle type panel 3rd Party certified as per IEC 61439-1&2 Fabricated from 14/16G CRCA sheet steel totally compartmentalized, treated for rust proofing.with separate busbar chamber & cable chambers Front & Back access for switchgears, connectors etc.Suitable for 430 V, 3 phase / 4 Wire System , 50 Hz supply  Main Control Unit/ Incomer WITH SMART IOT LINK TO GET DATA IN CLOUD  1 No63A MCCB, ,FP/TM , O/C,S/C,E/F,U/V and Shunt coils , Phase reversal relay etc.,WITH SMART IOT LINK TO GET DATA IN CLOUD  Basic Event Summary and Pass/Fail Reports for IEEE 519 for Volatge and current Harmonics, 50160 Power Frequency, supply voltage indication, Supply Volatge Dips, Short and Long interuptions, Temporary Over Voltages, Voltage Unbellence and Harmonic Voltage.		No.
	Over Voltages, Voltage Unbalance and Harmonic Voltage. THD on Voltage and current harmonics with custom alarming, Indivividual Harmonics upto 63rd for current and Voltage, High Resolution waveform capture and directly from meter via FTP. Distrurbance Direction Detection, Sag/swell on any volatge, current channel.  Visual Indication 1-LED Based Phase indicating lamps, control RCBOs, CTs, etc.  Visual Indication 2-Set - ON/OFF/ TRIP lamps with control RCBOs  Additional Controller-Set - Manual Operation Selector switch  Signal Relayer-Potential Free Contacts for Remote Monitoring		
	Potential Bus/Busbar: set -63A TPN, Aluminum BUSBAR		
	OUTGOING WITH SMART IOT LINK TO GET DATA IN CLOUD		
	RCBOs shall be suitable for field-fittable Protection auxiliaries (viz. Overvoltage release, Under-voltage release, Shunt trip) and Indication Auxiliaries (like Auxiliary Contact, Trip alarm contact). The circuit breakers shall be communication ready to indicate the status of the device (On/Off/Trip), Number of On/Off cycles and Number of Tripping over universally open Modbus and Ethernet (TCP IP) protocol so as to have seamless connectivity with any Energy and Building Management System. In addition the circuit breaker should be able to communicate through GSM module the status of the device (On/Off/Trip) through mobile phone.		
	40A TPN RCBO, 1 NOS. (AHU)		
	25A TPN RCBO, 1 NOS. (PDB-1)	_	
	25A TPN RCBO, 1 NOS. (PDB-2)		
	40A TPN RCBO, 1 NOS.(SPARE)		
1	25A TPN RCBO, 2 NOS.(SPARE)	1	l

1.6	3RD FLOOR LIGHT SMART DB FOR DATA IN CLOUD, Integratable to IBMS system by Open protocol ,modbus/bacnet etc, and also by Wi-Fi network Supply, installation, testing & commissioning Type Of Construction Floor/Wall mounted cubicle type panel 3rd Party certified as per IEC 61439-1&2 Fabricated from 14/16G CRCA sheet steel totally compartmentalized, treated for rust proofing. with separate busbar chamber & cable chambers Front & Back access for switchgears, connectors etc. Suitable for 430 V, 3 phase / 4 Wire System, 50 Hz supply  Main Control Unit/ Incomer WITH SMART IoT LINK TO GET DATA IN CLOUD  1 No32A MCCB, ,FP/TM, O/C,S/C,E/F,U/V and Shunt coils, Phase reversal relay etc.,WITH SMART IoT LINK TO GET DATA IN CLOUD  Basic Event Summary and Pass/Fail Reports for IEEE 519 for Volatge and current Harmonics, 50160 Power Frequency, supply voltage indication, Supply Volatge Dips, Short and Long interuptions, Temporary Over Voltages, Voltage Unbalance and Harmonic Voltage. THD on Voltage	1	No.
	and current harmonics with custom alarming, Indivividual Harmonics upto 63rd for current and Voltage, High Resolution waveform capture and directly from meter via FTP. Distrurbance Direction Detection, Sag/swell on any volatge, current channel.  Visual Indication 1-LED Based Phase indicating lamps, control RCBOs, CTs, etc.  Visual Indication 2-Set - ON/OFF/ TRIP lamps with control RCBOs  Additional Controller-Set - Manual Operation Selector switch		
	Signal Relayer-Potential Free Contacts for Remote Monitoring		
	Potential Bus/Busbar: set -32A TPN, Aluminum BUSBAR		
	OUTGOING WITH SMART IOT LINK TO GET DATA IN CLOUD		
	RCBOs shall be suitable for field-fittable Protection auxiliaries (viz. Overvoltage release, Under-voltage release, Shunt trip) and Indication Auxiliaries (like Auxiliary Contact, Trip alarm contact). The circuit breakers shall be communication ready to indicate the status of the device (On/Off/Trip), Number of On/Off cycles and Number of Tripping over universally open Modbus and Ethernet (TCP IP) protocol so as to have seamless connectivity with any Energy and Building Management System. In addition the circuit breaker should be able to communicate through GSM module the status of the device (On/Off/Trip) through mobile phone.		
	16A TPN RCBO, 1 NOS. (LDB -1)		
	16A TPN RCBO, 1 NOS. (LDB-2)		
	16A TPN RCBO, 3 NOS.(SPARE)		
1.7	4TH FLOOR RAW POWER & AC SMART DB FOR DATA IN CLOUD, Integratable to IBMS system by Open protocol , modbus/bacnet etc, and also by Wi-Fi network Supply, installation, testing & commissioning Type Of Construction Floor/Wall mounted cubicle type panel 3rd Party certified as per IEC 61439-1&2 Fabricated from 14/16G CRCA sheet steel totally compartmentalized, treated for rust proofing. with separate busbar chamber & cable chambers Front & Back access for switchgears, connectors etc. Suitable for 430 V, 3 phase / 4 Wire System , 50 Hz supply  Main Control Unit/ Incomer WITH SMART IOT LINK TO GET DATA IN	1	No.
	CLOUD  1 No32A MCCB, ,FP/TM, O/C,S/C,E/F,U/V and Shunt coils, Phase		
	reversal relay etc., WITH SMART IOT LINK TO GET DATA IN CLOUD		

Basic Event Summary and Pass/Fail Reports for IEEE 519 for Volatge and current Harmonics, 50160 Power Frequency, supply voltage indication, Supply Volatge Dips, Short and Long interuptions, Temporary Over Voltages, Voltage Unbalance and Harmonic Voltage. THD on Voltage and current harmonics with custom alarming, Indivividual Harmonics upto 63rd for current and Voltage, High Resolution waveform capture and directly from meter via FTP. Distrurbance Direction Detection, Sag/swell on any volatge, current channel. Visual Indication 1-LED Based Phase indicating lamps, control RCBOs, CTs, etc. Visual Indication 2-Set - ON/OFF/ TRIP lamps with control RCBOs Additional Controller-Set - Manual Operation Selector switch Signal Relayer-Potential Free Contacts for Remote Monitoring

Potential Bus/Busbar: set -32A TPN, Aluminum BUSBAR

## OUTGOING WITH SMART IOT LINK TO GET DATA IN CLOUD

RCBOs shall be suitable for field-fittable Protection auxiliaries (viz. Overvoltage release, Under-voltage release, Shunt trip) and Indication Auxiliaries (like Auxiliary Contact, Trip alarm contact). The circuit breakers shall be communication ready to indicate the status of the device (On/Off/Trip), Number of On/Off cycles and Number of Tripping over universally open Modbus and Ethernet (TCP IP) protocol so as to have seamless connectivity with any Energy and Building Management System. In addition the circuit breaker should be able to communicate through GSM module the status of the device (On/Off/Trip) through mobile phone.

40A TPN RCBO, 1 NOS. (AHU)

25A TPN RCBO, 1 NOS. (PDB-1)

40A TPN RCBO, 1 NOS.(SPARE)

25A TPN RCBO, 2 NOS.(SPARE)

1.8 4TH FLOOR LIGHT SMART DB FOR DATA IN CLOUD, Integratable to IBMS system by Open protocol ,modbus/bacnet etc, and also by Wi-Fi **network--** Supply, installation, testing & commissioning Type Of Construction Floor/Wall mounted cubicle type panel 3rd Party certified as per IEC 61439-1&2 Fabricated from 14/16G CRCA sheet steel totally compartmentalized, treated for rust proofing with separate busbar chamber & cable chambers Front & Back access for switchgears, connectors etc. Suitable for 430 V, 3 phase / 4 Wire System, 50 Hz supply

## Main Control Unit/ Incomer WITH SMART IOT LINK TO GET DATA IN **CLOUD**

1 No. -32A MCCB, ,FP/TM, O/C,S/C,E/F,U/V and Shunt coils , Phase reversal relay etc., WITH SMART IoT LINK TO GET DATA IN CLOUD

Basic Event Summary and Pass/Fail Reports for IEEE 519 for Volatge and current Harmonics, 50160 Power Frequency, supply voltage indication, Supply Volatge Dips, Short and Long interuptions, Temporary Over Voltages, Voltage Unbalance and Harmonic Voltage. THD on Voltage and current harmonics with custom alarming, Indivividual Harmonics upto 63rd for current and Voltage, High Resolution waveform capture and directly from meter via FTP. Distrurbance Direction Detection, Sag/swell on any volatge, current channel.

Visual Indication 1-LED Based Phase indicating lamps, control RCBOs, CTs, etc.

Visual Indication 2-Set - ON/OFF/ TRIP lamps with control RCBOs

Additional Controller-Set - Manual Operation Selector switch

Signal Relayer-Potential Free Contacts for Remote Monitoring

Potential Bus/Busbar: set -32A TPN, Aluminum BUSBAR

OUTGOING WITH SMART IOT LINK TO GET DATA IN CLOUD

	RCBOs shall be suitable for field-fittable Protection auxiliaries (viz. Overvoltage release, Under-voltage release, Shunt trip) and Indication Auxiliaries (like Auxiliary Contact, Trip alarm contact). The circuit breakers shall be communication ready to indicate the status of the device (On/Off/Trip), Number of On/Off cycles and Number of Tripping over universally open Modbus and Ethernet (TCP IP) protocol so as to have seamless connectivity with any Energy and Building Management System. In addition the circuit breaker should be able to communicate through GSM module the status of the device (On/Off/Trip) through mobile phone.	
	16A TPN RCBO, 1 NOS. (LDB -1)	
	16A TPN RCBO, 1 NOS. (LDB-2)	
	16A TPN RCBO, 3 NOS.(SPARE)	
1.9	STH FLOOR RAW POWER & AC SMART DB FOR DATA IN CLOUD, Integratable to IBMS system by Open protocol ,modbus/bacnet etc, and also by Wi-Fi network Supply, installation, testing & commissioning Type Of Construction Floor/Wall mounted cubicle type panel 3rd Party certified as per IEC 61439-1&2 Fabricated from 14/16G CRCA sheet steel totally compartmentalized, treated for rust proofing with separate busbar chamber & cable chambers Front & Back access for switchgears, connectors etc. Suitable for 430 V, 3 phase / 4 Wire System , 50 Hz supply  Main Control Unit/ Incomer WITH SMART IOT LINK TO GET DATA IN CLOUD  1 No32A MCCB, ,FP/TM , O/C,S/C,E/F,U/V and Shunt coils , Phase reversal relay etc.,WITH SMART IOT LINK TO GET DATA IN CLOUD  Basic Event Summary and Pass/Fail Reports for IEEE 519 for Volatge and current Harmonics, 50160 Power Frequency, supply voltage indication, Supply Volatge Dips, Short and Long interuptions, Temporary Over Voltages, Voltage Unbalance and Harmonic Voltage. THD on Voltage and current harmonics with custom alarming, Indivividual Harmonics upto 63rd for current and Voltage, High Resolution waveform capture and directly from meter via FTP. Distrurbance Direction Detection, Sag/swell on any volatge , current channel.  Visual Indication 1-LED Based Phase indicating lamps, control RCBOs , CTs, etc.	No.
	Additional Controller-Set - Manual Operation Selector switch	
	Signal Relayer-Potential Free Contacts for Remote Monitoring	
	Potential Bus/Busbar: set -32A TPN,Aluminum BUSBAR	
	OUTGOING WITH SMART IOT LINK TO GET DATA IN CLOUD	
	RCBOs shall be suitable for field-fittable Protection auxiliaries (viz. Over-	
	voltage release, Under-voltage release, Shunt trip) and Indication Auxiliaries (like Auxiliary Contact, Trip alarm contact). The circuit breakers shall be communication ready to indicate the status of the device (On/Off/Trip), Number of On/Off cycles and Number of Tripping over universally open Modbus and Ethernet (TCP IP) protocol so as to have seamless connectivity with any Energy and Building Management System. In addition the circuit breaker should be able to communicate through GSM module the status of the device (On/Off/Trip) through mobile phone.	
	32A TPN RCBO, 1 NOS. (AHU)	
	25A TPN RCBO, 2 NOS. (PDB)	
	204 (FDN DODO 1 NOC (CDADD)	
	32A TPN RCBO, 1 NOS.(SPARE) 25A TPN RCBO, 2 NOS.(SPARE)	

	5TH FLOOR LIGHT SMART DB FOR DATA IN CLOUD, Integratable to	1.00	No.
	IBMS system by Open protocol ,modbus/bacnet etc, and also by Wi-Fi		
	<b>network</b> Supply, installation,testing & commissioning Type Of		
	Construction Floor/Wall mounted cubicle type panel 3rd Party certified		
	as per IEC 61439-1&2 Fabricated from 14/16G CRCA sheet steel totally		
	compartmentalized, treated for rust proofing.with separate busbar		
	chamber & cable chambers Front & Back access for switchgears,		
	connectors etc.Suitable for 430 V, 3 phase / 4 Wire System, 50 Hz		
	supply  Main Control Unit/ Incomer WITH SMART IOT LINK TO GET DATA IN		
	CLOUD		
	1 No32A MCCB, ,FP/TM, O/C,S/C,E/F,U/V and Shunt coils, Phase reversal relay etc.,WITH SMART IOT LINK TO GET DATA IN CLOUD		
	Basic Event Summary and Pass/Fail Reports for IEEE 519 for Volatge		
	and current Harmonics, 50160 Power Frequency, supply voltage		
	indication, Supply Volatge Dips, Short and Long interuptions, Temporary		
	Over Voltages, Voltage Unbalance and Harmonic Voltage. THD on Voltage		
	and current harmonics with custom alarming, Indivividual Harmonics		
	upto 63rd for current and Voltage, High Resolution waveform capture and		
	directly from meter via FTP. Distrurbance Direction Detection, Sag/swell		
	on any volatge, current channel.		
	Visual Indication 1-LED Based Phase indicating lamps, control RCBOs, CTs, etc.		
	Visual Indication 2-Set - ON/OFF/ TRIP lamps with control RCBOs		
	Additional Controller-Set - Manual Operation Selector switch		
	Signal Relayer-Potential Free Contacts for Remote Monitoring		
	Potential Bus/Busbar: set -32A TPN,Aluminum BUSBAR		
	OUTGOING WITH SMART IOT LINK TO GET DATA IN CLOUD		
	RCBOs shall be suitable for field-fittable Protection auxiliaries (viz. Over-		
	voltage release, Under-voltage release, Shunt trip) and Indication		
	voltage release, Under-voltage release, Shunt trip) and Indication Auxiliaries (like Auxiliary Contact, Trip alarm contact).The circuit		
	voltage release, Under-voltage release, Shunt trip) and Indication Auxiliaries (like Auxiliary Contact, Trip alarm contact). The circuit breakers shall be communication ready to indicate the status of the		
	voltage release, Under-voltage release, Shunt trip) and Indication Auxiliaries (like Auxiliary Contact, Trip alarm contact). The circuit breakers shall be communication ready to indicate the status of the device (On/Off/Trip), Number of On/Off cycles and Number of Tripping		
	voltage release, Under-voltage release, Shunt trip) and Indication Auxiliaries (like Auxiliary Contact, Trip alarm contact). The circuit breakers shall be communication ready to indicate the status of the device (On/Off/Trip), Number of On/Off cycles and Number of Tripping over universally open Modbus and Ethernet (TCP IP) protocol so as to		
	voltage release, Under-voltage release, Shunt trip) and Indication Auxiliaries (like Auxiliary Contact, Trip alarm contact). The circuit breakers shall be communication ready to indicate the status of the device (On/Off/Trip), Number of On/Off cycles and Number of Tripping over universally open Modbus and Ethernet (TCP IP) protocol so as to have seamless connectivity with any Energy and Building Management		
	voltage release, Under-voltage release, Shunt trip) and Indication Auxiliaries (like Auxiliary Contact, Trip alarm contact). The circuit breakers shall be communication ready to indicate the status of the device (On/Off/Trip), Number of On/Off cycles and Number of Tripping over universally open Modbus and Ethernet (TCP IP) protocol so as to have seamless connectivity with any Energy and Building Management System. In addition the circuit breaker should be able to communicate		
	voltage release, Under-voltage release, Shunt trip) and Indication Auxiliaries (like Auxiliary Contact, Trip alarm contact). The circuit breakers shall be communication ready to indicate the status of the device (On/Off/Trip), Number of On/Off cycles and Number of Tripping over universally open Modbus and Ethernet (TCP IP) protocol so as to have seamless connectivity with any Energy and Building Management System. In addition the circuit breaker should be able to communicate through GSM module the status of the device (On/Off/Trip) through		
	voltage release, Under-voltage release, Shunt trip) and Indication Auxiliaries (like Auxiliary Contact, Trip alarm contact). The circuit breakers shall be communication ready to indicate the status of the device (On/Off/Trip), Number of On/Off cycles and Number of Tripping over universally open Modbus and Ethernet (TCP IP) protocol so as to have seamless connectivity with any Energy and Building Management System. In addition the circuit breaker should be able to communicate		
	voltage release, Under-voltage release, Shunt trip) and Indication Auxiliaries (like Auxiliary Contact, Trip alarm contact). The circuit breakers shall be communication ready to indicate the status of the device (On/Off/Trip), Number of On/Off cycles and Number of Tripping over universally open Modbus and Ethernet (TCP IP) protocol so as to have seamless connectivity with any Energy and Building Management System. In addition the circuit breaker should be able to communicate through GSM module the status of the device (On/Off/Trip) through mobile phone.		
11	voltage release, Under-voltage release, Shunt trip) and Indication Auxiliaries (like Auxiliary Contact, Trip alarm contact). The circuit breakers shall be communication ready to indicate the status of the device (On/Off/Trip), Number of On/Off cycles and Number of Tripping over universally open Modbus and Ethernet (TCP IP) protocol so as to have seamless connectivity with any Energy and Building Management System. In addition the circuit breaker should be able to communicate through GSM module the status of the device (On/Off/Trip) through mobile phone.  16A TPN RCBO, 2 NOS. (LDB -1)  16A TPN RCBO, 3 NOS.(SPARE)  6TH LOWER FLOOR RAW POWER & AC SMART DB FOR DATA IN	1	No.
11	voltage release, Under-voltage release, Shunt trip) and Indication Auxiliaries (like Auxiliary Contact, Trip alarm contact). The circuit breakers shall be communication ready to indicate the status of the device (On/Off/Trip), Number of On/Off cycles and Number of Tripping over universally open Modbus and Ethernet (TCP IP) protocol so as to have seamless connectivity with any Energy and Building Management System. In addition the circuit breaker should be able to communicate through GSM module the status of the device (On/Off/Trip) through mobile phone.  16A TPN RCBO, 2 NOS. (LDB -1)  16A TPN RCBO, 3 NOS.(SPARE)  6TH LOWER FLOOR RAW POWER & AC SMART DB FOR DATA IN CLOUD, Integratable to IBMS system by Open protocol	1	No.
11	voltage release, Under-voltage release, Shunt trip) and Indication Auxiliaries (like Auxiliary Contact, Trip alarm contact). The circuit breakers shall be communication ready to indicate the status of the device (On/Off/Trip), Number of On/Off cycles and Number of Tripping over universally open Modbus and Ethernet (TCP IP) protocol so as to have seamless connectivity with any Energy and Building Management System. In addition the circuit breaker should be able to communicate through GSM module the status of the device (On/Off/Trip) through mobile phone.  16A TPN RCBO, 2 NOS. (LDB -1)  16A TPN RCBO, 3 NOS.(SPARE)  6TH LOWER FLOOR RAW POWER & AC SMART DB FOR DATA IN CLOUD, Integratable to IBMS system by Open protocol, modbus/bacnet etc, and also by Wi-Fi network Supply,	1	No.
11	voltage release, Under-voltage release, Shunt trip) and Indication Auxiliaries (like Auxiliary Contact, Trip alarm contact). The circuit breakers shall be communication ready to indicate the status of the device (On/Off/Trip), Number of On/Off cycles and Number of Tripping over universally open Modbus and Ethernet (TCP IP) protocol so as to have seamless connectivity with any Energy and Building Management System. In addition the circuit breaker should be able to communicate through GSM module the status of the device (On/Off/Trip) through mobile phone.  16A TPN RCBO, 2 NOS. (LDB -1)  16A TPN RCBO, 3 NOS.(SPARE)  6TH LOWER FLOOR RAW POWER & AC SMART DB FOR DATA IN CLOUD, Integratable to IBMS system by Open protocol, modbus/bacnet etc, and also by Wi-Fi network Supply, installation, testing & commissioning Type Of Construction Floor/Wall	1	No.
11	voltage release, Under-voltage release, Shunt trip) and Indication Auxiliaries (like Auxiliary Contact, Trip alarm contact). The circuit breakers shall be communication ready to indicate the status of the device (On/Off/Trip), Number of On/Off cycles and Number of Tripping over universally open Modbus and Ethernet (TCP IP) protocol so as to have seamless connectivity with any Energy and Building Management System. In addition the circuit breaker should be able to communicate through GSM module the status of the device (On/Off/Trip) through mobile phone.  16A TPN RCBO, 2 NOS. (LDB -1)  16A TPN RCBO, 3 NOS.(SPARE)  6TH LOWER FLOOR RAW POWER & AC SMART DB FOR DATA IN CLOUD,Integratable to IBMS system by Open protocol ,modbus/bacnet etc, and also by Wi-Fi network Supply, installation,testing & commissioning Type Of Construction Floor/Wall mounted cubicle type panel 3rd Party certified as per IEC 61439-1&2	1	No.
11	voltage release, Under-voltage release, Shunt trip) and Indication Auxiliaries (like Auxiliary Contact, Trip alarm contact). The circuit breakers shall be communication ready to indicate the status of the device (On/Off/Trip), Number of On/Off cycles and Number of Tripping over universally open Modbus and Ethernet (TCP IP) protocol so as to have seamless connectivity with any Energy and Building Management System. In addition the circuit breaker should be able to communicate through GSM module the status of the device (On/Off/Trip) through mobile phone.  16A TPN RCBO, 2 NOS. (LDB -1)  16A TPN RCBO, 3 NOS.(SPARE)  6TH LOWER FLOOR RAW POWER & AC SMART DB FOR DATA IN CLOUD,Integratable to IBMS system by Open protocol ,modbus/bacnet etc, and also by Wi-Fi network Supply, installation,testing & commissioning Type Of Construction Floor/Wall mounted cubicle type panel 3rd Party certified as per IEC 61439-1&2 Fabricated from 14/16G CRCA sheet steel totally compartmentalized,	1	No.
11	voltage release, Under-voltage release, Shunt trip) and Indication Auxiliaries (like Auxiliary Contact, Trip alarm contact). The circuit breakers shall be communication ready to indicate the status of the device (On/Off/Trip), Number of On/Off cycles and Number of Tripping over universally open Modbus and Ethernet (TCP IP) protocol so as to have seamless connectivity with any Energy and Building Management System. In addition the circuit breaker should be able to communicate through GSM module the status of the device (On/Off/Trip) through mobile phone.  16A TPN RCBO, 2 NOS. (LDB -1)  16A TPN RCBO, 3 NOS.(SPARE)  6TH LOWER FLOOR RAW POWER & AC SMART DB FOR DATA IN CLOUD, Integratable to IBMS system by Open protocol ,modbus/bacnet etc, and also by Wi-Fi network Supply, installation, testing & commissioning Type Of Construction Floor/Wall mounted cubicle type panel 3rd Party certified as per IEC 61439-1&2 Fabricated from 14/16G CRCA sheet steel totally compartmentalized, treated for rust proofing. with separate busbar chamber & cable chambers	1	No.
11	voltage release, Under-voltage release, Shunt trip) and Indication Auxiliaries (like Auxiliary Contact, Trip alarm contact). The circuit breakers shall be communication ready to indicate the status of the device (On/Off/Trip), Number of On/Off cycles and Number of Tripping over universally open Modbus and Ethernet (TCP IP) protocol so as to have seamless connectivity with any Energy and Building Management System. In addition the circuit breaker should be able to communicate through GSM module the status of the device (On/Off/Trip) through mobile phone.  16A TPN RCBO, 2 NOS. (LDB -1)  16A TPN RCBO, 3 NOS.(SPARE)  6TH LOWER FLOOR RAW POWER & AC SMART DB FOR DATA IN CLOUD, Integratable to IBMS system by Open protocol ,modbus/bacnet etc, and also by Wi-Fi network Supply, installation, testing & commissioning Type Of Construction Floor/Wall mounted cubicle type panel 3rd Party certified as per IEC 61439-1&2 Fabricated from 14/16G CRCA sheet steel totally compartmentalized, treated for rust proofing with separate busbar chamber & cable chambers Front & Back access for switchgears, connectors etc. Suitable for 430 V, 3	1	No.
11	voltage release, Under-voltage release, Shunt trip) and Indication Auxiliaries (like Auxiliary Contact, Trip alarm contact). The circuit breakers shall be communication ready to indicate the status of the device (On/Off/Trip), Number of On/Off cycles and Number of Tripping over universally open Modbus and Ethernet (TCP IP) protocol so as to have seamless connectivity with any Energy and Building Management System. In addition the circuit breaker should be able to communicate through GSM module the status of the device (On/Off/Trip) through mobile phone.  16A TPN RCBO, 2 NOS. (LDB -1)  16A TPN RCBO, 3 NOS.(SPARE)  6TH LOWER FLOOR RAW POWER & AC SMART DB FOR DATA IN CLOUD, Integratable to IBMS system by Open protocol, modbus/bacnet etc, and also by Wi-Fi network Supply, installation, testing & commissioning Type Of Construction Floor/Wall mounted cubicle type panel 3rd Party certified as per IEC 61439-1&2 Fabricated from 14/16G CRCA sheet steel totally compartmentalized, treated for rust proofing. with separate busbar chamber & cable chambers Front & Back access for switchgears, connectors etc. Suitable for 430 V, 3 phase / 4 Wire System, 50 Hz supply	1	No.
11	voltage release, Under-voltage release, Shunt trip) and Indication Auxiliaries (like Auxiliary Contact, Trip alarm contact). The circuit breakers shall be communication ready to indicate the status of the device (On/Off/Trip), Number of On/Off cycles and Number of Tripping over universally open Modbus and Ethernet (TCP IP) protocol so as to have seamless connectivity with any Energy and Building Management System. In addition the circuit breaker should be able to communicate through GSM module the status of the device (On/Off/Trip) through mobile phone.  16A TPN RCBO, 2 NOS. (LDB -1)  16A TPN RCBO, 3 NOS.(SPARE)  6TH LOWER FLOOR RAW POWER & AC SMART DB FOR DATA IN CLOUD, Integratable to IBMS system by Open protocol ,modbus/bacnet etc, and also by Wi-Fi network Supply, installation, testing & commissioning Type Of Construction Floor/Wall mounted cubicle type panel 3rd Party certified as per IEC 61439-1&2 Fabricated from 14/16G CRCA sheet steel totally compartmentalized, treated for rust proofing with separate busbar chamber & cable chambers Front & Back access for switchgears, connectors etc. Suitable for 430 V, 3	1	No.
11	voltage release, Under-voltage release, Shunt trip) and Indication Auxiliaries (like Auxiliary Contact, Trip alarm contact). The circuit breakers shall be communication ready to indicate the status of the device (On/Off/Trip), Number of On/Off cycles and Number of Tripping over universally open Modbus and Ethernet (TCP IP) protocol so as to have seamless connectivity with any Energy and Building Management System. In addition the circuit breaker should be able to communicate through GSM module the status of the device (On/Off/Trip) through mobile phone.  16A TPN RCBO, 2 NOS. (LDB -1)  16A TPN RCBO, 3 NOS.(SPARE)  6TH LOWER FLOOR RAW POWER & AC SMART DB FOR DATA IN CLOUD, Integratable to IBMS system by Open protocol, modbus/bacnet etc, and also by Wi-Fi network Supply, installation, testing & commissioning Type Of Construction Floor/Wall mounted cubicle type panel 3rd Party certified as per IEC 61439-1&2 Fabricated from 14/16G CRCA sheet steel totally compartmentalized, treated for rust proofing. with separate busbar chamber & cable chambers Front & Back access for switchgears, connectors etc. Suitable for 430 V, 3 phase / 4 Wire System, 50 Hz supply  Main Control Unit/ Incomer WITH SMART IOT LINK TO GET DATA IN	1	No.

	Basic Event Summary and Pass/Fail Reports for IEEE 519 for Volatge and current Harmonics, 50160 Power Frequency, supply voltage indication, Supply Volatge Dips, Short and Long interuptions, Temporary Over Voltages, Voltage Unbalance and Harmonic Voltage. THD on Voltage and current harmonics with custom alarming, Indivividual Harmonics upto 63rd for current and Voltage, High Resolution waveform capture and directly from meter via FTP. Distrurbance Direction Detection, Sag/swell on any volatge, current channel.  Visual Indication 1-LED Based Phase indicating lamps, control RCBOs, CTs, etc.  Visual Indication 2-Set - ON/OFF/ TRIP lamps with control RCBOs  Additional Controller-Set - Manual Operation Selector switch		
	Signal Relayer-Potential Free Contacts for Remote Monitoring		
	Potential Bus/Busbar: set -32A TPN,Aluminum BUSBAR		
	OUTGOING WITH SMART IOT LINK TO GET DATA IN CLOUD		
	RCBOs shall be suitable for field-fittable Protection auxiliaries (viz. Overvoltage release, Under-voltage release, Shunt trip) and Indication Auxiliaries (like Auxiliary Contact, Trip alarm contact). The circuit breakers shall be communication ready to indicate the status of the device (On/Off/Trip), Number of On/Off cycles and Number of Tripping over universally open Modbus and Ethernet (TCP IP) protocol so as to have seamless connectivity with any Energy and Building Management System. In addition the circuit breaker should be able to communicate through GSM module the status of the device (On/Off/Trip) through mobile phone.		
	32A TPN RCBO, 2 NOS. (AHU)		
	25A TPN RCBO, 3 NOS. (PDB)		
	32A TPN RCBO, 1 NOS.(SPARE)		
	25A TPN RCBO, 2 NOS.(SPARE)		
1.12	6TH LOWER FLOOR LIGHT SMART DB FOR DATA IN CLOUD, Integratable to IBMS system by Open protocol ,modbus/bacnet etc, and also by Wi-Fi network Supply, installation, testing & commissioning Type Of Construction Floor/Wall mounted cubicle type panel 3rd Party certified as per IEC 61439-1&2 Fabricated from 14/16G CRCA sheet steel totally compartmentalized, treated for rust proofing.with separate busbar chamber & cable chambers Front & Back access for switchgears, connectors etc. Suitable for 430 V, 3 phase / 4 Wire System , 50 Hz supply  Main Control Unit/ Incomer WITH SMART IOT LINK TO GET DATA IN	1.00	No.
	CLOUD		
	1 No32A MCCB, ,FP/TM, O/C,S/C,E/F,U/V and Shunt coils, Phase reversal relay etc.,WITH SMART IOT LINK TO GET DATA IN CLOUD		
	Basic Event Summary and Pass/Fail Reports for IEEE 519 for Volatge and current Harmonics, 50160 Power Frequency, supply voltage indication, Supply Volatge Dips, Short and Long interuptions, Temporary Over Voltages, Voltage Unbalance and Harmonic Voltage. THD on Voltage and current harmonics with custom alarming, Indivividual Harmonics upto 63rd for current and Voltage, High Resolution waveform capture and directly from meter via FTP. Distrurbance Direction Detection, Sag/swell on any volatge, current channel.		
	Visual Indication 1-LED Based Phase indicating lamps, control RCBOs, CTs, etc.		
	Visual Indication 2-Set - ON/OFF/ TRIP lamps with control RCBOs		
	Additional Controller-Set - Manual Operation Selector switch		
	Signal Relayer-Potential Free Contacts for Remote Monitoring		
	Potential Bus/Busbar: set -32A TPN, Aluminum BUSBAR		
	OUTGOING WITH SMART IOT LINK TO GET DATA IN CLOUD		

	RCBOs shall be suitable for field-fittable Protection auxiliaries (viz. Overvoltage release, Under-voltage release, Shunt trip) and Indication Auxiliaries (like Auxiliary Contact, Trip alarm contact). The circuit breakers shall be communication ready to indicate the status of the device (On/Off/Trip), Number of On/Off cycles and Number of Tripping over universally open Modbus and Ethernet (TCP IP) protocol so as to have seamless connectivity with any Energy and Building Management System. In addition the circuit breaker should be able to communicate through GSM module the status of the device (On/Off/Trip) through mobile phone.  16A TPN RCBO, 3 NOS. (LDB -1)	
	16A TPN RCBO, 3 NOS.(SPARE)	
1.13	GTH UPPER FLOOR RAW POWER & AC SMART DB FOR DATA IN CLOUD, Integratable to IBMS system by Open protocol ,modbus/bacnet etc, and also by Wi-Fi network Supply, installation, testing & commissioning Type Of Construction Floor/Wall mounted cubicle type panel 3rd Party certified as per IEC 61439-1&2 Fabricated from 14/16G CRCA sheet steel totally compartmentalized, treated for rust proofing, with separate busbar chamber & cable chambers Front & Back access for switchgears, connectors etc. Suitable for 430 V, 3 phase / 4 Wire System, 50 Hz supply  Main Control Unit/ Incomer WITH SMART IOT LINK TO GET DATA IN CLOUD  1 No32A MCCB, ,FP/TM, O/C,S/C,E/F,U/V and Shunt coils, Phase reversal relay etc.,WITH SMART IoT LINK TO GET DATA IN CLOUD  Basic Event Summary and Pass/Fail Reports for IEEE 519 for Volatge and current Harmonics, 50160 Power Frequency, supply voltage indication, Supply Volatge Dips, Short and Long interuptions, Temporary Over Voltages, Voltage Unbalance and Harmonic Voltage. THD on Voltage and current harmonics with custom alarming, Indivividual Harmonics upto 63rd for current and Voltage, High Resolution waveform capture and directly from meter via FTP. Distrurbance Direction Detection, Sag/swell on any volatge, current channel.  Visual Indication 1-LED Based Phase indicating lamps, control RCBOs, CTs, etc.  Visual Indication 2-Set - ON/OFF/ TRIP lamps with control RCBOs  Additional Controller-Set - Manual Operation Selector switch	No.
	-	
	Signal Relayer-Potential Free Contacts for Remote Monitoring  Potential Bus/Busbar: set -32A TPN, Aluminum BUSBAR	
	RCBOs shall be suitable for field-fittable Protection auxiliaries (viz. Overvoltage release, Under-voltage release, Shunt trip) and Indication Auxiliaries (like Auxiliary Contact, Trip alarm contact). The circuit breakers shall be communication ready to indicate the status of the device (On/Off/Trip), Number of On/Off cycles and Number of Tripping over universally open Modbus and Ethernet (TCP IP) protocol so as to have seamless connectivity with any Energy and Building Management System. In addition the circuit breaker should be able to communicate through GSM module the status of the device (On/Off/Trip) through mobile phone.	
	32A TPN RCBO, 2 NOS. (AHU)	
	25A TPN RCBO, 3 NOS. (PDB)	
	32A TPN RCBO, 1 NOS.(SPARE)	
	25A TPN RCBO, 2 NOS.(SPARE)	

	6TH UPPER FLOOR LIGHT SMART DB FOR DATA IN	1.00	No.
	CLOUD, Integratable to IBMS system by Open protocol		
	,modbus/bacnet etc, and also by Wi-Fi network Supply,		
	installation, testing & commissioning Type Of Construction <b>Floor/Wall mounted</b> cubicle type panel 3rd Party certified as per IEC 61439-1&2		
	Fabricated from 14/16G CRCA sheet steel totally compartmentalized,		
	treated for rust proofing. with separate busbar chamber & cable chambers		
	Front & Back access for switchgears, connectors etc. Suitable for 430 V, 3		
	phase / 4 Wire System, 50 Hz supply		
	Main Control Unit/ Incomer WITH SMART IOT LINK TO GET DATA IN CLOUD		
	1 No32A MCCB, ,FP/TM, O/C,S/C,E/F,U/V and Shunt coils, Phase reversal relay etc.,WITH SMART IoT LINK TO GET DATA IN CLOUD		
L			
	Basic Event Summary and Pass/Fail Reports for IEEE 519 for Volatge		
	and current Harmonics, 50160 Power Frequency, supply voltage		
	indication, Supply Volatge Dips, Short and Long interuptions, Temporary		
	Over Voltages, Voltage Unbalance and Harmonic Voltage. THD on Voltage		
	and current harmonics with custom alarming, Indivividual Harmonics upto 63rd for current and Voltage, High Resolution waveform capture and		
	directly from meter via FTP. Distrurbance Direction Detection, Sag/swell		
	on any volatge, current channel.		
	Visual Indication 1-LED Based Phase indicating lamps, control RCBOs,	-	
	CTs, etc.		
	Visual Indication 2-Set - ON/OFF/ TRIP lamps with control RCBOs		
Γ.	Additional Controller-Set - Manual Operation Selector switch		
	Signal Relayer-Potential Free Contacts for Remote Monitoring	]	
	Potential Bus/Busbar: set -32A TPN,Aluminum BUSBAR		
	OUTGOING WITH SMART IOT LINK TO GET DATA IN CLOUD	1	
	RCBOs shall be suitable for field-fittable Protection auxiliaries (viz. Over-	1	
	voltage release, Under-voltage release, Shunt trip) and Indication		
	Auxiliaries (like Auxiliary Contact, Trip alarm contact). The circuit		
	breakers shall be communication ready to indicate the status of the		
	device (On/Off/Trip), Number of On/Off cycles and Number of Tripping		
	over universally open Modbus and Ethernet (TCP IP) protocol so as to		
	have seamless connectivity with any Energy and Building Management		
	System. In addition the circuit breaker should be able to communicate through GSM module the status of the device (On/Off/Trip) through		
	mobile phone.		
<u> </u>	16A TPN RCBO, 3 NOS. (LDB)	-	
	16A TPN RCBO, 3 NOS.(SPARE)	1	
<del> </del>	WING-D BUS DUCT		1
-	2ND FLOOR RAW POWER & AC SMART DB FOR DATA IN	1	No.
	CLOUD,Integratable to IBMS system by Open protocol		
	,modbus/bacnet etc, and also by Wi-Fi network Supply,		
;	installation, testing & commissioning Type Of Construction Floor/Wall		
	installation, testing & commissioning Type Of Construction <b>Floor/Wall mounted</b> cubicle type panel 3rd Party certified as per IEC 61439-1&2		
	installation, testing & commissioning Type Of Construction <b>Floor/Wall mounted</b> cubicle type panel 3rd Party certified as per IEC 61439-1&2 Fabricated from 14/16G CRCA sheet steel totally compartmentalized,		
	installation, testing & commissioning Type Of Construction <b>Floor/Wall mounted</b> cubicle type panel 3rd Party certified as per IEC 61439-1&2 Fabricated from 14/16G CRCA sheet steel totally compartmentalized, treated for rust proofing with separate busbar chamber & cable chambers		
	installation, testing & commissioning Type Of Construction Floor/Wall mounted cubicle type panel 3rd Party certified as per IEC 61439-1&2 Fabricated from 14/16G CRCA sheet steel totally compartmentalized, treated for rust proofing with separate busbar chamber & cable chambers Front & Back access for switchgears, connectors etc. Suitable for 430 V, 3		
	installation, testing & commissioning Type Of Construction Floor/Wall mounted cubicle type panel 3rd Party certified as per IEC 61439-1&2 Fabricated from 14/16G CRCA sheet steel totally compartmentalized, treated for rust proofing.with separate busbar chamber & cable chambers Front & Back access for switchgears, connectors etc.Suitable for 430 V, 3 phase / 4 Wire System, 50 Hz supply  Main Control Unit/ Incomer WITH SMART IOT LINK TO GET DATA IN		
	installation, testing & commissioning Type Of Construction Floor/Wall mounted cubicle type panel 3rd Party certified as per IEC 61439-1&2 Fabricated from 14/16G CRCA sheet steel totally compartmentalized, treated for rust proofing.with separate busbar chamber & cable chambers Front & Back access for switchgears, connectors etc.Suitable for 430 V, 3 phase / 4 Wire System, 50 Hz supply		

Basic Event Summary and Pass/Fail Reports for IEEE 519 for Volatge and current Harmonics, 50160 Power Frequency, supply voltage indication, Supply Volatge Dips, Short and Long interuptions, Temporary Over Voltages, Voltage Unbalance and Harmonic Voltage. THD on Voltage and current harmonics with custom alarming, Indivividual Harmonics upto 63rd for current and Voltage, High Resolution waveform capture and directly from meter via FTP. Distrurbance Direction Detection, Sag/swell on any volatge, current channel.

Visual Indication 1-LED Based Phase indicating lamps, control RCBOs , CTs, etc.

Visual Indication 2-Set - ON/OFF/ TRIP lamps with control RCBOs

Additional Controller-Set - Manual Operation Selector switch

Signal Relayer-Potential Free Contacts for Remote Monitoring

#### Potential Bus/Busbar: set -63A TPN, Aluminum BUSBAR

## OUTGOING WITH SMART IOT LINK TO GET DATA IN CLOUD

RCBOs shall be suitable for field-fittable Protection auxiliaries (viz. Overvoltage release, Under-voltage release, Shunt trip) and Indication Auxiliaries (like Auxiliary Contact, Trip alarm contact). The circuit breakers shall be communication ready to indicate the status of the device (On/Off/Trip), Number of On/Off cycles and Number of Tripping over universally open Modbus and Ethernet (TCP IP) protocol so as to have seamless connectivity with any Energy and Building Management System. In addition the circuit breaker should be able to communicate through GSM module the status of the device (On/Off/Trip) through mobile phone.

40A TPN RCBO, 2 NOS. (AHU)

25A TPN RCBO, 2NOS. (RAW POWER DB-1)

40A TPN RCBO, 2 NOS.(SPARE)

25A TPN RCBO, 1 NOS.(SPARE)

supply

2ND FLOOR LIGHT SMART DB FOR DATA IN CLOUD, Integratable to IBMS system by Open protocol, modbus/bacnet etc, and also by Wi-Fi network-- Supply, installation, testing & commissioning Type Of Construction Floor/Wall mounted cubicle type panel 3rd Party certified as per IEC 61439-1&2 Fabricated from 14/16G CRCA sheet steel totally compartmentalized, treated for rust proofing. with separate busbar chamber & cable chambers Front & Back access for switchgears, connectors etc. Suitable for 430 V, 3 phase / 4 Wire System, 50 Hz

# Main Control Unit/ Incomer WITH SMART IOT LINK TO GET DATA IN CLOUD

1 No. -32A MCCB,  $\ \ ,FP/TM$ , O/C,S/C,E/F,U/V and Shunt coils , Phase reversal relay etc.,WITH SMART IoT LINK TO GET DATA IN CLOUD

Basic Event Summary and Pass/Fail Reports for IEEE 519 for Volatge and current Harmonics, 50160 Power Frequency, supply voltage indication, Supply Volatge Dips, Short and Long interuptions, Temporary Over Voltages, Voltage Unbalance and Harmonic Voltage. THD on Voltage and current harmonics with custom alarming, Indivividual Harmonics upto 63rd for current and Voltage, High Resolution waveform capture and directly from meter via FTP. Distrurbance Direction Detection, Sag/swell on any volatge, current channel.

Visual Indication 1-LED Based Phase indicating lamps, control RCBOs, CTs, etc.

Visual Indication 2-Set - ON/OFF/ TRIP lamps with control RCBOs

Additional Controller-Set - Manual Operation Selector switch

Signal Relayer-Potential Free Contacts for Remote Monitoring

Potential Bus/Busbar: set -32A TPN, Aluminum BUSBAR

OUTGOING WITH SMART IOT LINK TO GET DATA IN CLOUD

	RCBOs shall be suitable for field-fittable Protection auxiliaries (viz. Overvoltage release, Under-voltage release, Shunt trip) and Indication Auxiliaries (like Auxiliary Contact, Trip alarm contact). The circuit breakers shall be communication ready to indicate the status of the device (On/Off/Trip), Number of On/Off cycles and Number of Tripping over universally open Modbus and Ethernet (TCP IP) protocol so as to have seamless connectivity with any Energy and Building Management System. In addition the circuit breaker should be able to communicate through GSM module the status of the device (On/Off/Trip) through mobile phone.  16A TPN RCBO, 4NOS. (LDB)		
	16A TPN RCBO, 3 NOS.(SPARE)		
1.3	3RD FLOOR RAW POWER & AC SMART DB FOR DATA IN CLOUD, Integratable to IBMS system by Open protocol ,modbus/bacnet etc, and also by Wi-Fi network Supply, installation, testing & commissioning Type Of Construction Floor/Wall mounted cubicle type panel 3rd Party certified as per IEC 61439-1&2 Fabricated from 14/16G CRCA sheet steel totally compartmentalized, treated for rust proofing.with separate busbar chamber & cable chambers Front & Back access for switchgears, connectors etc. Suitable for 430 V, 3 phase / 4 Wire System , 50 Hz supply  Main Control Unit/ Incomer WITH SMART IOT LINK TO GET DATA IN CLOUD  1 No63A MCCB, ,FP/TM , O/C,S/C,E/F,U/V and Shunt coils , Phase reversal relay etc.,WITH SMART IOT LINK TO GET DATA IN CLOUD  Basic Event Summary and Pass/Fail Reports for IEEE 519 for Volatge and current Harmonics, 50160 Power Frequency, supply voltage indication, Supply Volatge Dips, Short and Long interuptions, Temporary Over Voltages, Voltage Unbalance and Harmonic Voltage. THD on Voltage and current harmonics with custom alarming, Indivividual Harmonics upto 63rd for current and Voltage, High Resolution waveform capture and		No.
	directly from meter via FTP. Distrurbance Direction Detection, Sag/swell on any volatge, current channel.  Visual Indication 1-LED Based Phase indicating lamps, control RCBOs, CTs, etc.		
	Visual Indication 2-Set - ON/OFF/ TRIP lamps with control RCBOs		
	Additional Controller-Set - Manual Operation Selector switch		
	Signal Relayer-Potential Free Contacts for Remote Monitoring		
	Potential Bus/Busbar: set -63A TPN, Aluminum BUSBAR		
	OUTGOING WITH SMART IOT LINK TO GET DATA IN CLOUD		
	RCBOs shall be suitable for field-fittable Protection auxiliaries (viz. Overvoltage release, Under-voltage release, Shunt trip) and Indication Auxiliaries (like Auxiliary Contact, Trip alarm contact). The circuit breakers shall be communication ready to indicate the status of the device (On/Off/Trip), Number of On/Off cycles and Number of Tripping over universally open Modbus and Ethernet (TCP IP) protocol so as to have seamless connectivity with any Energy and Building Management System. In addition the circuit breaker should be able to communicate through GSM module the status of the device (On/Off/Trip) through mobile phone.		
	40A TPN RCBO, 1 NOS. (AHU)		
	25A TPN RCBO, 1 NOS. (PDB-1)		
	25A TPN RCBO, 1 NOS. (PDB-2)		
1	40A TPN RCBO, 1 NOS.(SPARE)	1	
	40A IFN RCBO, I NOS.(SFARE)		

1.4	3RD FLOOR LIGHT SMART DB FOR DATA IN CLOUD, Integratable to IBMS system by Open protocol ,modbus/bacnet etc, and also by Wi-Fi network Supply, installation, testing & commissioning Type Of Construction Floor/Wall mounted cubicle type panel 3rd Party certified as per IEC 61439-1&2 Fabricated from 14/16G CRCA sheet steel totally compartmentalized, treated for rust proofing, with separate busbar chamber & cable chambers Front & Back access for switchgears, connectors etc. Suitable for 430 V, 3 phase / 4 Wire System , 50 Hz supply  Main Control Unit/ Incomer WITH SMART IoT LINK TO GET DATA IN CLOUD  I No32A MCCB, ,FP/TM , O/C,S/C,E/F,U/V and Shunt coils , Phase reversal relay etc.,WITH SMART IoT LINK TO GET DATA IN CLOUD  Basic Event Summary and Pass/Fail Reports for IEEE 519 for Volatge and current Harmonics, 50160 Power Frequency, supply voltage and current Harmonics with custom alarming, Indivividual Harmonics upto 63rd for current and Voltage, High Resolution waveform capture and directly from meter via FTP. Distrurbance Direction Detection, Sag/swell on any volatge , current channel.  Visual Indication 1-LED Based Phase indicating lamps, control RCBOs , CTs, etc.  Visual Indication 2-Set - ON/OFF/ TRIP lamps with control RCBOs Additional Controller-Set - Manual Operation Selector switch  Signal Relayer-Potential Free Contacts for Remote Monitoring  Potential Bus/Busbar: set -32A TPN,Aluminum BUSBAR  OUTGOING WITH SMART IoT LINK TO GET DATA IN CLOUD  RCBOs shall be suitable for field-fittable Protection auxiliaries (viz. Overvoltage release, Under-voltage release, Shuth trip) and Indication have seamless connectivity with any Energy and Building Management System. In addition the circuit breaker should be able to communicate through GSM module the status of the device (On/Off/Trip) through mobile phone.  16A TPN RCBO, 1 NOS. (LDB-1)  16A TPN RCBO, 1 NOS. (LDB-2)		No.
	. , ,		
	16A TPN RCBO, 3 NOS.(SPARE)		
1.5	4TH FLOOR RAW POWER & AC SMART DB FOR DATA IN CLOUD, Integratable to IBMS system by Open protocol ,modbus/bacnet etc, and also by Wi-Fi network Supply, installation, testing & commissioning Type Of Construction Floor/Wall mounted cubicle type panel 3rd Party certified as per IEC 61439-1&2 Fabricated from 14/16G CRCA sheet steel totally compartmentalized, treated for rust proofing. with separate busbar chamber & cable chambers Front & Back access for switchgears, connectors etc. Suitable for 430 V, 3 phase / 4 Wire System , 50 Hz supply  Main Control Unit/ Incomer WITH SMART IoT LINK TO GET DATA IN CLOUD  1 No63A MCCB, ,FP/TM , O/C,S/C,E/F,U/V and Shunt coils , Phase reversal relay etc.,WITH SMART IoT LINK TO GET DATA IN CLOUD	1	No.

	Basic Event Summary and Pass/Fail Reports for IEEE 519 for Volatge and current Harmonics, 50160 Power Frequency, supply voltage indication, Supply Volatge Dips, Short and Long interuptions, Temporary Over Voltages, Voltage Unbalance and Harmonic Voltage. THD on Voltage and current harmonics with custom alarming, Indivividual Harmonics upto 63rd for current and Voltage, High Resolution waveform capture and directly from meter via FTP. Distrurbance Direction Detection, Sag/swell on any volatge, current channel.  Visual Indication 1-LED Based Phase indicating lamps, control RCBOs, CTs, etc.  Visual Indication 2-Set - ON/OFF/ TRIP lamps with control RCBOs  Additional Controller-Set - Manual Operation Selector switch  Signal Relayer-Potential Free Contacts for Remote Monitoring  Potential Bus/Busbar: set -63A TPN,Aluminum BUSBAR  OUTGOING WITH SMART IOT LINK TO GET DATA IN CLOUD  RCBOs shall be suitable for field-fittable Protection auxiliaries (viz. Overvoltage release, Under-voltage release, Shunt trip) and Indication Auxiliaries (like Auxiliary Contact, Trip alarm contact). The circuit breakers shall be communication ready to indicate the status of the device (On/Off/Trip), Number of On/Off cycles and Number of Tripping over universally open Modbus and Ethernet (TCP IP) protocol so as to have seamless connectivity with any Energy and Building Management System. In addition the circuit breaker should be able to communicate through GSM module the status of the device (On/Off/Trip) through mobile phone.		
	40A TPN RCBO, 1 NOS. (AHU)		
	25A TPN RCBO, 1 NOS. (PDB-1)		
	25A TPN RCBO, 1 NOS. (PDB-2) 40A TPN RCBO, 1 NOS.(SPARE)		
	25A TPN RCBO, 2 NOS.(SPARE)		
1.6	4TH FLOOR LIGHT SMART DB FOR DATA IN CLOUD, Integratable to	1	No.
	IBMS system by Open protocol ,modbus/bacnet etc, and also by Wi-Fi network Supply, installation,testing & commissioning Type Of Construction Floor/Wall mounted cubicle type panel 3rd Party certified as per IEC 61439-1&2 Fabricated from 14/16G CRCA sheet steel totally compartmentalized, treated for rust proofing.with separate busbar chamber & cable chambers Front & Back access for switchgears, connectors etc.Suitable for 430 V, 3 phase / 4 Wire System , 50 Hz supply  Main Control Unit/ Incomer WITH SMART IOT LINK TO GET DATA IN CLOUD  1 No32A MCCB, ,FP/TM, O/C,S/C,E/F,U/V and Shunt coils , Phase		
	Reversal relay etc., WITH SMART IoT LINK TO GET DATA IN CLOUD  Basic Event Summary and Pass/Fail Reports for IEEE 519 for Volatge		
	and current Harmonics, 50160 Power Frequency, supply voltage indication, Supply Volatge Dips, Short and Long interuptions, Temporary Over Voltages, Voltage Unbalance and Harmonic Voltage. THD on Voltage and current harmonics with custom alarming, Indivividual Harmonics upto 63rd for current and Voltage, High Resolution waveform capture and directly from meter via FTP. Distrurbance Direction Detection, Sag/swell on any volatge, current channel.  Visual Indication 1-LED Based Phase indicating lamps, control RCBOs,		
	CTs, etc.  Visual Indication 2-Set - ON/OFF/ TRIP lamps with control RCBOs		
	Additional Controller-Set - Manual Operation Selector switch		
	Signal Relayer-Potential Free Contacts for Remote Monitoring		
	Potential Bus/Busbar: set -32A TPN,Aluminum BUSBAR		
	OUTGOING WITH SMART IOT LINK TO GET DATA IN CLOUD		

	RCBOs shall be suitable for field-fittable Protection auxiliaries (viz. Overvoltage release, Under-voltage release, Shunt trip) and Indication Auxiliaries (like Auxiliary Contact, Trip alarm contact). The circuit breakers shall be communication ready to indicate the status of the device (On/Off/Trip), Number of On/Off cycles and Number of Tripping over universally open Modbus and Ethernet (TCP IP) protocol so as to have seamless connectivity with any Energy and Building Management System. In addition the circuit breaker should be able to communicate through GSM module the status of the device (On/Off/Trip) through mobile phone.		
	16A TPN RCBO, 1 NOS. (LDB -1)		
	16A TPN RCBO, 1 NOS. (LDB-2)		
	16A TPN RCBO, 3 NOS.(SPARE)		
1.7	STH FLOOR RAW POWER & AC SMART DB FOR DATA IN CLOUD, Integratable to IBMS system by Open protocol ,modbus/bacnet etc, and also by Wi-Fi network Supply, installation, testing & commissioning Type Of Construction Floor/Wall mounted cubicle type panel 3rd Party certified as per IEC 61439-1&2 Fabricated from 14/16G CRCA sheet steel totally compartmentalized, treated for rust proofing. with separate busbar chamber & cable chambers Front & Back access for switchgears, connectors etc. Suitable for 430 V, 3 phase / 4 Wire System , 50 Hz supply  Main Control Unit/ Incomer WITH SMART IoT LINK TO GET DATA IN CLOUD  1 No32A MCCB, ,FP/TM , O/C,S/C,E/F,U/V and Shunt coils , Phase reversal relay etc.,WITH SMART IoT LINK TO GET DATA IN CLOUD  Basic Event Summary and Pass/Fail Reports for IEEE 519 for Volatge and current Harmonics, 50160 Power Frequency, supply voltage indication, Supply Volatge Dips, Short and Long interuptions, Temporary Over Voltages, Voltage Unbalance and Harmonic Voltage. THD on Voltage and current harmonics with custom alarming, Indivividual Harmonics upto 63rd for current and Voltage, High Resolution waveform capture and directly from meter via FTP. Distrurbance Direction Detection, Sag/swell on any volatge , current channel.  Visual Indication 1-LED Based Phase indicating lamps, control RCBOs , CTs, etc.		No.
	Visual Indication 2-Set - ON/OFF/ TRIP lamps with control RCBOs		
	Additional Controller-Set - Manual Operation Selector switch Signal Relayer-Potential Free Contacts for Remote Monitoring		
	Potential Bus/Busbar: set -32A TPN,Aluminum BUSBAR		
	OUTGOING WITH SMART IOT LINK TO GET DATA IN CLOUD		
	RCBOs shall be suitable for field-fittable Protection auxiliaries (viz. Over-		
	voltage release, Under-voltage release, Shunt trip) and Indication Auxiliaries (like Auxiliary Contact, Trip alarm contact). The circuit breakers shall be communication ready to indicate the status of the device (On/Off/Trip), Number of On/Off cycles and Number of Tripping over universally open Modbus and Ethernet (TCP IP) protocol so as to have seamless connectivity with any Energy and Building Management System. In addition the circuit breaker should be able to communicate through GSM module the status of the device (On/Off/Trip) through mobile phone.  32A TPN RCBO, 1 NOS. (AHU)		
1	I SZA IFN KUBU, I NUS. I AHU I	I .	I
	25A TPN RCBO, 2 NOS. (PDB)		

	5TH FLOOR LIGHT SMART DB FOR DATA IN CLOUD, Integratable to IBMS system by Open protocol, modbus/bacnet etc, and also by Wi-Fi	1	No.
	<b>network</b> Supply, installation,testing & commissioning Type Of		
	Construction Floor/Wall mounted cubicle type panel 3rd Party certified		
	as per IEC 61439-1&2 Fabricated from 14/16G CRCA sheet steel totally		
	compartmentalized, treated for rust proofing.with separate busbar		
	chamber & cable chambers Front & Back access for switchgears,		
	connectors etc.Suitable for 430 V, 3 phase / 4 Wire System , 50 Hz supply		
	Main Control Unit/ Incomer WITH SMART IOT LINK TO GET DATA IN CLOUD		
	1 No32A MCCB, ,FP/TM, O/C,S/C,E/F,U/V and Shunt coils, Phase reversal relay etc.,WITH SMART IoT LINK TO GET DATA IN CLOUD		
	Basic Event Summary and Pass/Fail Reports for IEEE 519 for Volatge		
	and current Harmonics, 50160 Power Frequency, supply voltage		
	indication, Supply Volatge Dips, Short and Long interuptions, Temporary Over Voltages, Voltage Unbalance and Harmonic Voltage. THD on Voltage		
	and current harmonics with custom alarming, Indivividual Harmonics		
	upto 63rd for current and Voltage, High Resolution waveform capture and		
	directly from meter via FTP. Distrurbance Direction Detection, Sag/swell on any volatge, current channel.		
	Visual Indication 1-LED Based Phase indicating lamps, control RCBOs,	1	
	CTs, etc.  Visual Indication 2-Set - ON/OFF/ TRIP lamps with control RCBOs	1	
	Additional Controller-Set - Manual Operation Selector switch	-	
	Signal Relayer-Potential Free Contacts for Remote Monitoring	1	
	Potential Bus/Busbar: set -32A TPN,Aluminum BUSBAR	<u> </u>	
	OUTGOING WITH SMART IOT LINK TO GET DATA IN CLOUD	1	
	RCBOs shall be suitable for field-fittable Protection auxiliaries (viz. Over-	-	
	TRUDOS SHAII DE SUHADIE IOI HEID-HITADIE FIOLECTION AUXINALIES IVIZ. OVEI-		
	voltage release, Under-voltage release, Shunt trip) and Indication		
	voltage release, Under-voltage release, Shunt trip) and Indication Auxiliaries (like Auxiliary Contact, Trip alarm contact). The circuit		
	voltage release, Under-voltage release, Shunt trip) and Indication Auxiliaries (like Auxiliary Contact, Trip alarm contact). The circuit breakers shall be communication ready to indicate the status of the		
	voltage release, Under-voltage release, Shunt trip) and Indication Auxiliaries (like Auxiliary Contact, Trip alarm contact). The circuit breakers shall be communication ready to indicate the status of the device (On/Off/Trip), Number of On/Off cycles and Number of Tripping		
	voltage release, Under-voltage release, Shunt trip) and Indication Auxiliaries (like Auxiliary Contact, Trip alarm contact). The circuit breakers shall be communication ready to indicate the status of the device (On/Off/Trip), Number of On/Off cycles and Number of Tripping over universally open Modbus and Ethernet (TCP IP) protocol so as to		
	voltage release, Under-voltage release, Shunt trip) and Indication Auxiliaries (like Auxiliary Contact, Trip alarm contact). The circuit breakers shall be communication ready to indicate the status of the device (On/Off/Trip), Number of On/Off cycles and Number of Tripping over universally open Modbus and Ethernet (TCP IP) protocol so as to have seamless connectivity with any Energy and Building Management		
	voltage release, Under-voltage release, Shunt trip) and Indication Auxiliaries (like Auxiliary Contact, Trip alarm contact). The circuit breakers shall be communication ready to indicate the status of the device (On/Off/Trip), Number of On/Off cycles and Number of Tripping over universally open Modbus and Ethernet (TCP IP) protocol so as to have seamless connectivity with any Energy and Building Management System. In addition the circuit breaker should be able to communicate		
	voltage release, Under-voltage release, Shunt trip) and Indication Auxiliaries (like Auxiliary Contact, Trip alarm contact). The circuit breakers shall be communication ready to indicate the status of the device (On/Off/Trip), Number of On/Off cycles and Number of Tripping over universally open Modbus and Ethernet (TCP IP) protocol so as to have seamless connectivity with any Energy and Building Management		
	voltage release, Under-voltage release, Shunt trip) and Indication Auxiliaries (like Auxiliary Contact, Trip alarm contact). The circuit breakers shall be communication ready to indicate the status of the device (On/Off/Trip), Number of On/Off cycles and Number of Tripping over universally open Modbus and Ethernet (TCP IP) protocol so as to have seamless connectivity with any Energy and Building Management System. In addition the circuit breaker should be able to communicate through GSM module the status of the device (On/Off/Trip) through		
	voltage release, Under-voltage release, Shunt trip) and Indication Auxiliaries (like Auxiliary Contact, Trip alarm contact). The circuit breakers shall be communication ready to indicate the status of the device (On/Off/Trip), Number of On/Off cycles and Number of Tripping over universally open Modbus and Ethernet (TCP IP) protocol so as to have seamless connectivity with any Energy and Building Management System. In addition the circuit breaker should be able to communicate through GSM module the status of the device (On/Off/Trip) through mobile phone.		
9	voltage release, Under-voltage release, Shunt trip) and Indication Auxiliaries (like Auxiliary Contact, Trip alarm contact). The circuit breakers shall be communication ready to indicate the status of the device (On/Off/Trip), Number of On/Off cycles and Number of Tripping over universally open Modbus and Ethernet (TCP IP) protocol so as to have seamless connectivity with any Energy and Building Management System. In addition the circuit breaker should be able to communicate through GSM module the status of the device (On/Off/Trip) through mobile phone.  16A TPN RCBO, 2 NOS. (LDB -1)  16A TPN RCBO, 3 NOS.(SPARE)  6TH LOWER FLOOR RAW POWER & AC SMART DB FOR DATA IN	1	No.
9	voltage release, Under-voltage release, Shunt trip) and Indication Auxiliaries (like Auxiliary Contact, Trip alarm contact). The circuit breakers shall be communication ready to indicate the status of the device (On/Off/Trip), Number of On/Off cycles and Number of Tripping over universally open Modbus and Ethernet (TCP IP) protocol so as to have seamless connectivity with any Energy and Building Management System. In addition the circuit breaker should be able to communicate through GSM module the status of the device (On/Off/Trip) through mobile phone.  16A TPN RCBO, 2 NOS. (LDB -1)  16A TPN RCBO, 3 NOS.(SPARE)  6TH LOWER FLOOR RAW POWER & AC SMART DB FOR DATA IN CLOUD,Integratable to IBMS system by Open protocol	1	No.
9	voltage release, Under-voltage release, Shunt trip) and Indication Auxiliaries (like Auxiliary Contact, Trip alarm contact). The circuit breakers shall be communication ready to indicate the status of the device (On/Off/Trip), Number of On/Off cycles and Number of Tripping over universally open Modbus and Ethernet (TCP IP) protocol so as to have seamless connectivity with any Energy and Building Management System. In addition the circuit breaker should be able to communicate through GSM module the status of the device (On/Off/Trip) through mobile phone.  16A TPN RCBO, 2 NOS. (LDB -1)  16A TPN RCBO, 3 NOS.(SPARE)  6TH LOWER FLOOR RAW POWER & AC SMART DB FOR DATA IN CLOUD,Integratable to IBMS system by Open protocol ,modbus/bacnet etc, and also by Wi-Fi network Supply,	1	No.
9	voltage release, Under-voltage release, Shunt trip) and Indication Auxiliaries (like Auxiliary Contact, Trip alarm contact). The circuit breakers shall be communication ready to indicate the status of the device (On/Off/Trip), Number of On/Off cycles and Number of Tripping over universally open Modbus and Ethernet (TCP IP) protocol so as to have seamless connectivity with any Energy and Building Management System. In addition the circuit breaker should be able to communicate through GSM module the status of the device (On/Off/Trip) through mobile phone.  16A TPN RCBO, 2 NOS. (LDB -1)  16A TPN RCBO, 3 NOS.(SPARE)  6TH LOWER FLOOR RAW POWER & AC SMART DB FOR DATA IN CLOUD,Integratable to IBMS system by Open protocol ,modbus/bacnet etc, and also by Wi-Fi network Supply, installation,testing & commissioning Type Of Construction Floor/Wall	1	No.
9	voltage release, Under-voltage release, Shunt trip) and Indication Auxiliaries (like Auxiliary Contact, Trip alarm contact). The circuit breakers shall be communication ready to indicate the status of the device (On/Off/Trip), Number of On/Off cycles and Number of Tripping over universally open Modbus and Ethernet (TCP IP) protocol so as to have seamless connectivity with any Energy and Building Management System. In addition the circuit breaker should be able to communicate through GSM module the status of the device (On/Off/Trip) through mobile phone.  16A TPN RCBO, 2 NOS. (LDB -1)  16A TPN RCBO, 3 NOS.(SPARE)  6TH LOWER FLOOR RAW POWER & AC SMART DB FOR DATA IN CLOUD,Integratable to IBMS system by Open protocol ,modbus/bacnet etc, and also by Wi-Fi network Supply, installation,testing & commissioning Type Of Construction Floor/Wall mounted cubicle type panel 3rd Party certified as per IEC 61439-1&2	1	No.
9	voltage release, Under-voltage release, Shunt trip) and Indication Auxiliaries (like Auxiliary Contact, Trip alarm contact). The circuit breakers shall be communication ready to indicate the status of the device (On/Off/Trip), Number of On/Off cycles and Number of Tripping over universally open Modbus and Ethernet (TCP IP) protocol so as to have seamless connectivity with any Energy and Building Management System. In addition the circuit breaker should be able to communicate through GSM module the status of the device (On/Off/Trip) through mobile phone.  16A TPN RCBO, 2 NOS. (LDB -1)  16A TPN RCBO, 3 NOS.(SPARE)  6TH LOWER FLOOR RAW POWER & AC SMART DB FOR DATA IN CLOUD,Integratable to IBMS system by Open protocol ,modbus/bacnet etc, and also by Wi-Fi network Supply, installation,testing & commissioning Type Of Construction Floor/Wall mounted cubicle type panel 3rd Party certified as per IEC 61439-1&2 Fabricated from 14/16G CRCA sheet steel totally compartmentalized,	1	No.
9	voltage release, Under-voltage release, Shunt trip) and Indication Auxiliaries (like Auxiliary Contact, Trip alarm contact). The circuit breakers shall be communication ready to indicate the status of the device (On/Off/Trip), Number of On/Off cycles and Number of Tripping over universally open Modbus and Ethernet (TCP IP) protocol so as to have seamless connectivity with any Energy and Building Management System. In addition the circuit breaker should be able to communicate through GSM module the status of the device (On/Off/Trip) through mobile phone.  16A TPN RCBO, 2 NOS. (LDB -1)  16A TPN RCBO, 3 NOS.(SPARE)  6TH LOWER FLOOR RAW POWER & AC SMART DB FOR DATA IN CLOUD,Integratable to IBMS system by Open protocol ,modbus/bacnet etc, and also by Wi-Fi network Supply, installation,testing & commissioning Type Of Construction Floor/Wall mounted cubicle type panel 3rd Party certified as per IEC 61439-1&2 Fabricated from 14/16G CRCA sheet steel totally compartmentalized, treated for rust proofing.with separate busbar chamber & cable chambers	1	No.
9	voltage release, Under-voltage release, Shunt trip) and Indication Auxiliaries (like Auxiliary Contact, Trip alarm contact). The circuit breakers shall be communication ready to indicate the status of the device (On/Off/Trip), Number of On/Off cycles and Number of Tripping over universally open Modbus and Ethernet (TCP IP) protocol so as to have seamless connectivity with any Energy and Building Management System. In addition the circuit breaker should be able to communicate through GSM module the status of the device (On/Off/Trip) through mobile phone.  16A TPN RCBO, 2 NOS. (LDB -1)  16A TPN RCBO, 3 NOS.(SPARE)  6TH LOWER FLOOR RAW POWER & AC SMART DB FOR DATA IN CLOUD, Integratable to IBMS system by Open protocol ,modbus/bacnet etc, and also by Wi-Fi network Supply, installation, testing & commissioning Type Of Construction Floor/Wall mounted cubicle type panel 3rd Party certified as per IEC 61439-1&2 Fabricated from 14/16G CRCA sheet steel totally compartmentalized, treated for rust proofing. with separate busbar chamber & cable chambers Front & Back access for switchgears, connectors etc. Suitable for 430 V, 3	1	No.
9	voltage release, Under-voltage release, Shunt trip) and Indication Auxiliaries (like Auxiliary Contact, Trip alarm contact). The circuit breakers shall be communication ready to indicate the status of the device (On/Off/Trip), Number of On/Off cycles and Number of Tripping over universally open Modbus and Ethernet (TCP IP) protocol so as to have seamless connectivity with any Energy and Building Management System. In addition the circuit breaker should be able to communicate through GSM module the status of the device (On/Off/Trip) through mobile phone.  16A TPN RCBO, 2 NOS. (LDB -1)  16A TPN RCBO, 3 NOS.(SPARE)  6TH LOWER FLOOR RAW POWER & AC SMART DB FOR DATA IN CLOUD, Integratable to IBMS system by Open protocol ,modbus/bacnet etc, and also by Wi-Fi network Supply, installation, testing & commissioning Type Of Construction Floor/Wall mounted cubicle type panel 3rd Party certified as per IEC 61439-1&2 Fabricated from 14/16G CRCA sheet steel totally compartmentalized, treated for rust proofing. with separate busbar chamber & cable chambers Front & Back access for switchgears, connectors etc. Suitable for 430 V, 3 phase / 4 Wire System , 50 Hz supply  Main Control Unit/ Incomer WITH SMART IoT LINK TO GET DATA IN	1	No.
9	voltage release, Under-voltage release, Shunt trip) and Indication Auxiliaries (like Auxiliary Contact, Trip alarm contact). The circuit breakers shall be communication ready to indicate the status of the device (On/Off/Trip), Number of On/Off cycles and Number of Tripping over universally open Modbus and Ethernet (TCP IP) protocol so as to have seamless connectivity with any Energy and Building Management System. In addition the circuit breaker should be able to communicate through GSM module the status of the device (On/Off/Trip) through mobile phone.  16A TPN RCBO, 2 NOS. (LDB -1)  16A TPN RCBO, 3 NOS.(SPARE)  6TH LOWER FLOOR RAW POWER & AC SMART DB FOR DATA IN CLOUD, Integratable to IBMS system by Open protocol ,modbus/bacnet etc, and also by Wi-Fi network Supply, installation, testing & commissioning Type Of Construction Floor/Wall mounted cubicle type panel 3rd Party certified as per IEC 61439-1&2 Fabricated from 14/16G CRCA sheet steel totally compartmentalized, treated for rust proofing with separate busbar chamber & cable chambers Front & Back access for switchgears, connectors etc. Suitable for 430 V, 3 phase / 4 Wire System , 50 Hz supply	1	No.

	Basic Event Summary and Pass/Fail Reports for IEEE 519 for Volatge and current Harmonics, 50160 Power Frequency, supply voltage indication, Supply Volatge Dips, Short and Long interuptions, Temporary Over Voltages, Voltage Unbalance and Harmonic Voltage. THD on Voltage and current harmonics with custom alarming, Indivividual Harmonics upto 63rd for current and Voltage, High Resolution waveform capture and directly from meter via FTP. Distrurbance Direction Detection, Sag/swell on any volatge, current channel.  Visual Indication 1-LED Based Phase indicating lamps, control RCBOs, CTs, etc.  Visual Indication 2-Set - ON/OFF/ TRIP lamps with control RCBOs  Additional Controller-Set - Manual Operation Selector switch  Signal Relayer-Potential Free Contacts for Remote Monitoring  Potential Bus/Busbar: set -63A TPN,Aluminum BUSBAR  OUTGOING WITH SMART IoT LINK TO GET DATA IN CLOUD  RCBOs shall be suitable for field-fittable Protection auxiliaries (viz. Overvoltage release, Under-voltage release, Shunt trip) and Indication Auxiliaries (like Auxiliary Contact, Trip alarm contact). The circuit breakers shall be communication ready to indicate the status of the device (On/Off/Trip), Number of On/Off cycles and Number of Tripping over universally open Modbus and Ethernet (TCP IP) protocol so as to have seamless connectivity with any Energy and Building Management		
	System. In addition the circuit breaker should be able to communicate through GSM module the status of the device (On/Off/Trip) through mobile phone.		
	32A TPN RCBO, 2 NOS. (AHU)		
	40A TPN RCBO, 1 NOS. (AHU)		
	25A TPN RCBO, 2 NOS. (PDB)		
	40A TPN RCBO, 1 NOS.(SPARE)		
	25A TPN RCBO, 2 NOS.(SPARE)		
1.10	6TH LOWER FLOOR LIGHT SMART DB FOR DATA IN CLOUD, Integratable to IBMS system by Open protocol ,modbus/bacnet etc, and also by Wi-Fi network Supply, installation, testing & commissioning Type Of Construction Floor/Wall mounted cubicle type panel 3rd Party certified as per IEC 61439-1&2 Fabricated from 14/16G CRCA sheet steel totally compartmentalized, treated for rust proofing. with separate busbar chamber & cable chambers Front & Back access for switchgears, connectors etc. Suitable for 430 V, 3 phase / 4 Wire System , 50 Hz supply  Main Control Unit/ Incomer WITH SMART IOT LINK TO GET DATA IN CLOUD	1.00	No.
	1 No32A MCCB, ,FP/TM, O/C,S/C,E/F,U/V and Shunt coils, Phase reversal relay etc.,WITH SMART IOT LINK TO GET DATA IN CLOUD		
	Basic Event Summary and Pass/Fail Reports for IEEE 519 for Volatge and current Harmonics, 50160 Power Frequency, supply voltage indication, Supply Volatge Dips, Short and Long interuptions, Temporary Over Voltages, Voltage Unbalance and Harmonic Voltage. THD on Voltage and current harmonics with custom alarming, Indivividual Harmonics upto 63rd for current and Voltage, High Resolution waveform capture and directly from meter via FTP. Distrurbance Direction Detection, Sag/swell on any volatge, current channel.  Visual Indication 1-LED Based Phase indicating lamps, control RCBOs,		
	CTs, etc.  Visual Indication 1-LED based Fliase indicating lamps, control RCBOs,  CTs, etc.		
	Additional Controller-Set - Manual Operation Selector switch		
	Signal Relayer-Potential Free Contacts for Remote Monitoring		
	Potential Bus/Busbar: set -32A TPN, Aluminum BUSBAR		
	OUTGOING WITH SMART IOT LINK TO GET DATA IN CLOUD		

	RCBOs shall be suitable for field-fittable Protection auxiliaries (viz. Overvoltage release, Under-voltage release, Shunt trip) and Indication Auxiliaries (like Auxiliary Contact, Trip alarm contact). The circuit breakers shall be communication ready to indicate the status of the device (On/Off/Trip), Number of On/Off cycles and Number of Tripping over universally open Modbus and Ethernet (TCP IP) protocol so as to have seamless connectivity with any Energy and Building Management System. In addition the circuit breaker should be able to communicate through GSM module the status of the device (On/Off/Trip) through mobile phone.  16A TPN RCBO, 4 NOS. (LDB -1)		
	16A TPN RCBO, 3 NOS.(SPARE)		
1.11	6TH UPPER FLOOR RAW POWER & AC SMART DB FOR DATA IN CLOUD, Integratable to IBMS system by Open protocol, modbus/bacnet etc, and also by Wi-Fi network Supply, installation, testing & commissioning Type Of Construction Floor/Wall mounted cubicle type panel Fabricated from 14/16G CRCA sheet steel totally compartmentalized, treated for rust proofing with separate busbar chamber & cable chambers Front & Back access for switchgears, connectors etc. Suitable for 430 V, 3 phase / 4 Wire System , 50 Hz supply  Main Control Unit/ Incomer WITH SMART IOT LINK TO GET DATA IN CLOUD  1 No63A MCCB, ,FP/TM , O/C,S/C,E/F,U/V and Shunt coils , Phase reversal relay etc.,WITH SMART IoT LINK TO GET DATA IN CLOUD  Basic Event Summary and Pass/Fail Reports for IEEE 519 for Volatge and current Harmonics, 50160 Power Frequency, supply voltage indication, Supply Volatge Dips, Short and Long interruptions, Temporary Over Voltages, Voltage Unbalance and Harmonic Voltage. THD on Voltage and current harmonics with custom alarming, Indivividual Harmonics upto 63rd for current and Voltage, High Resolution waveform capture and directly from meter via FTP. Distrurbance Direction Detection, Sag/swell on any volatge , current channel.  Visual Indication 1-LED Based Phase indicating lamps, control RCBOs, CTs, etc.  Visual Indication 2-Set - ON/OFF/ TRIP lamps with control RCBOs  Additional Controller-Set - Manual Operation Selector switch  Signal Relayer-Potential Free Contacts for Remote Monitoring		No.
	OUTGOING WITH SMART IOT LINK TO GET DATA IN CLOUD	-	
	RCBOs shall be suitable for field-fittable Protection auxiliaries (viz. Overvoltage release, Under-voltage release, Shunt trip) and Indication Auxiliaries (like Auxiliary Contact, Trip alarm contact). The circuit breakers shall be communication ready to indicate the status of the device (On/Off/Trip), Number of On/Off cycles and Number of Tripping over universally open Modbus and Ethernet (TCP IP) protocol so as to have seamless connectivity with any Energy and Building Management System. In addition the circuit breaker should be able to communicate through GSM module the status of the device (On/Off/Trip) through mobile phone.  32A TPN RCBO, 3NOS. (AHU)		
	40A TPN RCBO, 1 NOS. (AHU)	1	
	25A TPN RCBO, 3 NOS. (PDB)	_	
	40A TPN RCBO, 1 NOS.(SPARE)	_	
	32A TPN RCBO, 1 NOS.(SPARE)		
	· , ,	-	
	25A TPN RCBO, 1 NOS.(SPARE)		

.12	6TH UPPER FLOOR LIGHT SMART DB FOR DATA IN	1.00	No.
	CLOUD, Integratable to IBMS system by Open protocol		
	,modbus/bacnet etc, and also by Wi-Fi network Supply,		
	installation, testing & commissioning Type Of Construction Floor/Wall		
	mounted cubicle type panel 3rd Party certified as per IEC 61439-1&2		
	Fabricated from 14/16G CRCA sheet steel totally compartmentalized,		
	treated for rust proofing with separate busbar chamber & cable chambers		
	Front & Back access for switchgears, connectors etc. Suitable for 430 V, 3		
	phase / 4 Wire System, 50 Hz supply		
	Main Control Unit/ Incomer WITH SMART IOT LINK TO GET DATA IN CLOUD		
	1 No32A MCCB, ,FP/TM , O/C,S/C,E/F,U/V and Shunt coils , Phase reversal relay etc.,WITH SMART IoT LINK TO GET DATA IN CLOUD		
	Basic Event Summary and Pass/Fail Reports for IEEE 519 for Volatge		
	and current Harmonics, 50160 Power Frequency, supply voltage		
	indication, Supply Volatge Dips, Short and Long interuptions, Temporary		
	Over Voltages, Voltage Unbalance and Harmonic Voltage. THD on Voltage		
	and current harmonics with custom alarming, Indivividual Harmonics		
	upto 63rd for current and Voltage, High Resolution waveform capture and		
	directly from meter via FTP. Distrurbance Direction Detection, Sag/swell		
	on any volatge, current channel.		
	Visual Indication 1-LED Based Phase indicating lamps, control RCBOs, CTs, etc.		
	Visual Indication 2-Set - ON/OFF/ TRIP lamps with control RCBOs		
	Additional Controller-Set - Manual Operation Selector switch		
	Signal Relayer-Potential Free Contacts for Remote Monitoring		
	Potential Bus/Busbar: set -32A TPN, Aluminum BUSBAR		
	OUTGOING WITH SMART IOT LINK TO GET DATA IN CLOUD		
	RCBOs shall be suitable for field-fittable Protection auxiliaries (viz. Over-		
	voltage release, Under-voltage release, Shunt trip) and Indication		
	voltage release, Under-voltage release, Shunt trip) and Indication Auxiliaries (like Auxiliary Contact, Trip alarm contact). The circuit		
	voltage release, Under-voltage release, Shunt trip) and Indication Auxiliaries (like Auxiliary Contact, Trip alarm contact). The circuit breakers shall be communication ready to indicate the status of the		
	voltage release, Under-voltage release, Shunt trip) and Indication Auxiliaries (like Auxiliary Contact, Trip alarm contact). The circuit breakers shall be communication ready to indicate the status of the device (On/Off/Trip), Number of On/Off cycles and Number of Tripping		
	voltage release, Under-voltage release, Shunt trip) and Indication Auxiliaries (like Auxiliary Contact, Trip alarm contact). The circuit breakers shall be communication ready to indicate the status of the device (On/Off/Trip), Number of On/Off cycles and Number of Tripping over universally open Modbus and Ethernet (TCP IP) protocol so as to		
	voltage release, Under-voltage release, Shunt trip) and Indication Auxiliaries (like Auxiliary Contact, Trip alarm contact). The circuit breakers shall be communication ready to indicate the status of the device (On/Off/Trip), Number of On/Off cycles and Number of Tripping over universally open Modbus and Ethernet (TCP IP) protocol so as to have seamless connectivity with any Energy and Building Management		
	voltage release, Under-voltage release, Shunt trip) and Indication Auxiliaries (like Auxiliary Contact, Trip alarm contact). The circuit breakers shall be communication ready to indicate the status of the device (On/Off/Trip), Number of On/Off cycles and Number of Tripping over universally open Modbus and Ethernet (TCP IP) protocol so as to have seamless connectivity with any Energy and Building Management System. In addition the circuit breaker should be able to communicate		
	voltage release, Under-voltage release, Shunt trip) and Indication Auxiliaries (like Auxiliary Contact, Trip alarm contact). The circuit breakers shall be communication ready to indicate the status of the device (On/Off/Trip), Number of On/Off cycles and Number of Tripping over universally open Modbus and Ethernet (TCP IP) protocol so as to have seamless connectivity with any Energy and Building Management System. In addition the circuit breaker should be able to communicate through GSM module the status of the device (On/Off/Trip) through		
	voltage release, Under-voltage release, Shunt trip) and Indication Auxiliaries (like Auxiliary Contact, Trip alarm contact). The circuit breakers shall be communication ready to indicate the status of the device (On/Off/Trip), Number of On/Off cycles and Number of Tripping over universally open Modbus and Ethernet (TCP IP) protocol so as to have seamless connectivity with any Energy and Building Management System. In addition the circuit breaker should be able to communicate		
	voltage release, Under-voltage release, Shunt trip) and Indication Auxiliaries (like Auxiliary Contact, Trip alarm contact). The circuit breakers shall be communication ready to indicate the status of the device (On/Off/Trip), Number of On/Off cycles and Number of Tripping over universally open Modbus and Ethernet (TCP IP) protocol so as to have seamless connectivity with any Energy and Building Management System. In addition the circuit breaker should be able to communicate through GSM module the status of the device (On/Off/Trip) through mobile phone.		
3	voltage release, Under-voltage release, Shunt trip) and Indication Auxiliaries (like Auxiliary Contact, Trip alarm contact). The circuit breakers shall be communication ready to indicate the status of the device (On/Off/Trip), Number of On/Off cycles and Number of Tripping over universally open Modbus and Ethernet (TCP IP) protocol so as to have seamless connectivity with any Energy and Building Management System. In addition the circuit breaker should be able to communicate through GSM module the status of the device (On/Off/Trip) through mobile phone.  16A TPN RCBO, 4 NOS. (LDB)	1	No.
3	voltage release, Under-voltage release, Shunt trip) and Indication Auxiliaries (like Auxiliary Contact, Trip alarm contact). The circuit breakers shall be communication ready to indicate the status of the device (On/Off/Trip), Number of On/Off cycles and Number of Tripping over universally open Modbus and Ethernet (TCP IP) protocol so as to have seamless connectivity with any Energy and Building Management System. In addition the circuit breaker should be able to communicate through GSM module the status of the device (On/Off/Trip) through mobile phone.  16A TPN RCBO, 4 NOS. (LDB)  16A TPN RCBO, 3 NOS.(SPARE)	1	No.
3	voltage release, Under-voltage release, Shunt trip) and Indication Auxiliaries (like Auxiliary Contact, Trip alarm contact). The circuit breakers shall be communication ready to indicate the status of the device (On/Off/Trip), Number of On/Off cycles and Number of Tripping over universally open Modbus and Ethernet (TCP IP) protocol so as to have seamless connectivity with any Energy and Building Management System. In addition the circuit breaker should be able to communicate through GSM module the status of the device (On/Off/Trip) through mobile phone.  16A TPN RCBO, 4 NOS. (LDB)  16A TPN RCBO, 3 NOS.(SPARE)  TERRACE FLOOR RAW POWER & AC SMART DB FOR DATA IN CLOUD, Integratable to IBMS system by Open protocol, modbus/bacnet etc, and also by Wi-Fi network Supply,	1	No.
3	voltage release, Under-voltage release, Shunt trip) and Indication Auxiliaries (like Auxiliary Contact, Trip alarm contact). The circuit breakers shall be communication ready to indicate the status of the device (On/Off/Trip), Number of On/Off cycles and Number of Tripping over universally open Modbus and Ethernet (TCP IP) protocol so as to have seamless connectivity with any Energy and Building Management System. In addition the circuit breaker should be able to communicate through GSM module the status of the device (On/Off/Trip) through mobile phone.  16A TPN RCBO, 4 NOS. (LDB)  16A TPN RCBO, 3 NOS.(SPARE)  TERRACE FLOOR RAW POWER & AC SMART DB FOR DATA IN CLOUD,Integratable to IBMS system by Open protocol ,modbus/bacnet etc, and also by Wi-Fi network Supply, installation,testing & commissioning Type Of Construction Floor/Wall	1	No.
3	voltage release, Under-voltage release, Shunt trip) and Indication Auxiliaries (like Auxiliary Contact, Trip alarm contact). The circuit breakers shall be communication ready to indicate the status of the device (On/Off/Trip), Number of On/Off cycles and Number of Tripping over universally open Modbus and Ethernet (TCP IP) protocol so as to have seamless connectivity with any Energy and Building Management System. In addition the circuit breaker should be able to communicate through GSM module the status of the device (On/Off/Trip) through mobile phone.  16A TPN RCBO, 4 NOS. (LDB)  16A TPN RCBO, 3 NOS.(SPARE)  TERRACE FLOOR RAW POWER & AC SMART DB FOR DATA IN CLOUD,Integratable to IBMS system by Open protocol ,modbus/bacnet etc, and also by Wi-Fi network Supply, installation,testing & commissioning Type Of Construction Floor/Wall mounted cubicle type panel 3rd Party certified as per IEC 61439-1&2	1	No.
3	voltage release, Under-voltage release, Shunt trip) and Indication Auxiliaries (like Auxiliary Contact, Trip alarm contact). The circuit breakers shall be communication ready to indicate the status of the device (On/Off/Trip), Number of On/Off cycles and Number of Tripping over universally open Modbus and Ethernet (TCP IP) protocol so as to have seamless connectivity with any Energy and Building Management System. In addition the circuit breaker should be able to communicate through GSM module the status of the device (On/Off/Trip) through mobile phone.  16A TPN RCBO, 4 NOS. (LDB)  16A TPN RCBO, 3 NOS.(SPARE)  TERRACE FLOOR RAW POWER & AC SMART DB FOR DATA IN CLOUD,Integratable to IBMS system by Open protocol ,modbus/bacnet etc, and also by Wi-Fi network Supply, installation,testing & commissioning Type Of Construction Floor/Wall	1	No.
3	voltage release, Under-voltage release, Shunt trip) and Indication Auxiliaries (like Auxiliary Contact, Trip alarm contact). The circuit breakers shall be communication ready to indicate the status of the device (On/Off/Trip), Number of On/Off cycles and Number of Tripping over universally open Modbus and Ethernet (TCP IP) protocol so as to have seamless connectivity with any Energy and Building Management System. In addition the circuit breaker should be able to communicate through GSM module the status of the device (On/Off/Trip) through mobile phone.  16A TPN RCBO, 4 NOS. (LDB)  16A TPN RCBO, 3 NOS.(SPARE)  TERRACE FLOOR RAW POWER & AC SMART DB FOR DATA IN CLOUD,Integratable to IBMS system by Open protocol ,modbus/bacnet etc, and also by Wi-Fi network Supply, installation,testing & commissioning Type Of Construction Floor/Wall mounted cubicle type panel 3rd Party certified as per IEC 61439-1&2	1	No.
3	voltage release, Under-voltage release, Shunt trip) and Indication Auxiliaries (like Auxiliary Contact, Trip alarm contact). The circuit breakers shall be communication ready to indicate the status of the device (On/Off/Trip), Number of On/Off cycles and Number of Tripping over universally open Modbus and Ethernet (TCP IP) protocol so as to have seamless connectivity with any Energy and Building Management System. In addition the circuit breaker should be able to communicate through GSM module the status of the device (On/Off/Trip) through mobile phone.  16A TPN RCBO, 4 NOS. (LDB)  16A TPN RCBO, 3 NOS.(SPARE)  TERRACE FLOOR RAW POWER & AC SMART DB FOR DATA IN CLOUD, Integratable to IBMS system by Open protocol ,modbus/bacnet etc, and also by Wi-Fi network Supply, installation, testing & commissioning Type Of Construction Floor/Wall mounted cubicle type panel 3rd Party certified as per IEC 61439-1&2 Fabricated from 14/16G CRCA sheet steel totally compartmentalized, treated for rust proofing. with separate busbar chamber & cable chambers Front & Back access for switchgears, connectors etc. Suitable for 430 V, 3	1	No.
3	voltage release, Under-voltage release, Shunt trip) and Indication Auxiliaries (like Auxiliary Contact, Trip alarm contact). The circuit breakers shall be communication ready to indicate the status of the device (On/Off/Trip), Number of On/Off cycles and Number of Tripping over universally open Modbus and Ethernet (TCP IP) protocol so as to have seamless connectivity with any Energy and Building Management System. In addition the circuit breaker should be able to communicate through GSM module the status of the device (On/Off/Trip) through mobile phone.  16A TPN RCBO, 4 NOS. (LDB)  16A TPN RCBO, 3 NOS.(SPARE)  TERRACE FLOOR RAW POWER & AC SMART DB FOR DATA IN CLOUD,Integratable to IBMS system by Open protocol ,modbus/bacnet etc, and also by Wi-Fi network Supply, installation,testing & commissioning Type Of Construction Floor/Wall mounted cubicle type panel 3rd Party certified as per IEC 61439-1&2 Fabricated from 14/16G CRCA sheet steel totally compartmentalized, treated for rust proofing.with separate busbar chamber & cable chambers Front & Back access for switchgears, connectors etc.Suitable for 430 V, 3 phase / 4 Wire System , 50 Hz supply	1	No.
3	voltage release, Under-voltage release, Shunt trip) and Indication Auxiliaries (like Auxiliary Contact, Trip alarm contact). The circuit breakers shall be communication ready to indicate the status of the device (On/Off/Trip), Number of On/Off cycles and Number of Tripping over universally open Modbus and Ethernet (TCP IP) protocol so as to have seamless connectivity with any Energy and Building Management System. In addition the circuit breaker should be able to communicate through GSM module the status of the device (On/Off/Trip) through mobile phone.  16A TPN RCBO, 4 NOS. (LDB)  16A TPN RCBO, 3 NOS.(SPARE)  TERRACE FLOOR RAW POWER & AC SMART DB FOR DATA IN CLOUD,Integratable to IBMS system by Open protocol ,modbus/bacnet etc, and also by Wi-Fi network Supply, installation,testing & commissioning Type Of Construction Floor/Wall mounted cubicle type panel 3rd Party certified as per IEC 61439-1&2 Fabricated from 14/16G CRCA sheet steel totally compartmentalized, treated for rust proofing with separate busbar chamber & cable chambers Front & Back access for switchgears, connectors etc. Suitable for 430 V, 3 phase / 4 Wire System , 50 Hz supply  Main Control Unit/ Incomer WITH SMART IOT LINK TO GET DATA IN	1	No.
3	voltage release, Under-voltage release, Shunt trip) and Indication Auxiliaries (like Auxiliary Contact, Trip alarm contact). The circuit breakers shall be communication ready to indicate the status of the device (On/Off/Trip), Number of On/Off cycles and Number of Tripping over universally open Modbus and Ethernet (TCP IP) protocol so as to have seamless connectivity with any Energy and Building Management System. In addition the circuit breaker should be able to communicate through GSM module the status of the device (On/Off/Trip) through mobile phone.  16A TPN RCBO, 4 NOS. (LDB)  16A TPN RCBO, 3 NOS.(SPARE)  TERRACE FLOOR RAW POWER & AC SMART DB FOR DATA IN CLOUD,Integratable to IBMS system by Open protocol ,modbus/bacnet etc, and also by Wi-Fi network Supply, installation,testing & commissioning Type Of Construction Floor/Wall mounted cubicle type panel 3rd Party certified as per IEC 61439-1&2 Fabricated from 14/16G CRCA sheet steel totally compartmentalized, treated for rust proofing.with separate busbar chamber & cable chambers Front & Back access for switchgears, connectors etc.Suitable for 430 V, 3 phase / 4 Wire System , 50 Hz supply	1	No.

Basic Event Summary and Pass/Fail Reports for IEEE 519 for Volatge and current Harmonics, 50160 Power Frequency, supply voltage indication, Supply Volatge Dips, Short and Long interuptions, Temporary Over Voltages, Voltage Unbalance and Harmonic Voltage. THD on Voltage and current harmonics with custom alarming, Indivividual Harmonics upto 63rd for current and Voltage, High Resolution waveform capture and directly from meter via FTP. Distrurbance Direction Detection, Sag/swell on any volatge, current channel.  Visual Indication 1-LED Based Phase indicating lamps, control RCBOs CTs, etc.  Visual Indication 2-Set - ON/OFF/ TRIP lamps with control RCBOs Additional Controller-Set - Manual Operation Selector switch  Signal Relayer-Potential Free Contacts for Remote Monitoring  Potential Bus/Busbar: set -63A TPN, Aluminum BUSBAR  OUTGOING WITH SMART IoT LINK TO GET DATA IN CLOUD  RCBOs shall be suitable for field-fittable Protection auxiliaries (viz. Overvoltage release, Under-voltage release, Shunt trip) and Indication Auxiliaries (like Auxiliary Contact, Trip alarm contact). The circuit breakers shall be communication ready to indicate the status of the device (On/Off/Trip), Number of On/Off cycles and Number of Tripping over universally open Modbus and Ethernet (TCP IP) protocol so as to have seamless connectivity with any Energy and Building Management System. In addition the circuit breaker should be able to communicate	e d	
through GSM module the status of the device (On/Off/Trip) through mobile phone.		
40A TPN RCBO, 2 NOS. (AHU)		
25A TPN RCBO, 3 NOS.(SPARE)		
1.14 TERRACE FLOOR LIGHT SMART DB FOR DATA IN	1.00	No.
CLOUD, Integratable to IBMS system by Open protocol , modbus/bacnet etc, and also by Wi-Fi network Supply, installation, testing & commissioning Type Of Construction Floor/Wall mounted cubicle type panel 3rd Party certified as per IEC 61439-1&2 Fabricated from 14/16G CRCA sheet steel totally compartmentalized, treated for rust proofing with separate busbar chamber & cable chamber Front & Back access for switchgears, connectors etc. Suitable for 430 V, phase / 4 Wire System , 50 Hz supply  Main Control Unit/ Incomer WITH SMART IoT LINK TO GET DATA I CLOUD  1 No32A MCCB, ,FP/TM, O/C,S/C,E/F,U/V and Shunt coils , Phase reversal relay etc., WITH SMART IoT LINK TO GET DATA IN CLOUD  Basic Event Summary and Pass/Fail Reports for IEEE 519 for Volatge and current Harmonics, 50160 Power Frequency, supply voltage indication, Supply Volatge Dips, Short and Long interuptions, Temporary Over Voltages, Voltage Unbalance and Harmonic Voltage. THD on Voltage and current harmonics with custom alarming, Indivividual Harmonics upto 63rd for current and Voltage, High Resolution waveform capture and directly from meter via FTP. Distrurbance Direction Detection, Sag/swell on any volatge, current channel.  Visual Indication 1-LED Based Phase indicating lamps, control RCBOs CTs, etc.  Visual Indication 2-Set - ON/OFF/ TRIP lamps with control RCBOs Additional Controller-Set - Manual Operation Selector switch  Signal Relayer-Potential Free Contacts for Remote Monitoring  Potential Bus/Busbar: set -32A TPN, Aluminum BUSBAR	rs 3 N 7 e d	
OUTGOING WITH SMART IOT LINK TO GET DATA IN CLOUD		

	RCBOs shall be suitable for field-fittable Protection auxiliaries (viz. Overvoltage release, Under-voltage release, Shunt trip) and Indication Auxiliaries (like Auxiliary Contact, Trip alarm contact). The circuit breakers shall be communication ready to indicate the status of the device (On/Off/Trip), Number of On/Off cycles and Number of Tripping over universally open Modbus and Ethernet (TCP IP) protocol so as to have seamless connectivity with any Energy and Building Management System. In addition the circuit breaker should be able to communicate through GSM module the status of the device (On/Off/Trip) through		
	mobile phone.		
	32A TPN RCBO, 1 NOS. (TERRACE MESEUM AREA LDB)		
	16A TPN RCBO, 1 NOS. (TERRACE EXTERNAL AREA LDB)		
	32A TPN RCBO, 2 NOS.(SPARE)		
	16A TPN RCBO, 1 NOS.(SPARE)		
	WING-AB UPS BUS DUCT		
1.1	2ND FLOOR (AB WING) UPS POWER DISTRIBUTION PANEL SMART DB FOR DATA IN CLOUD, Integratable to IBMS system by Open protocol, modbus/bacnet etc, and also by Wi-Fi network Supply, installation, testing & commissioning Type Of Construction Floor/Wall mountedcubicle type panel 3rd Party certified as per IEC 61439-1&2 Fabricated from 14/16G CRCA sheet steel totally compartmentalized, treated for rust proofing. with separate busbar chamber & cable chambers Front & Back access for switchgears, connectors etc. Suitable for 430 V, 3 phase / 4 Wire System, 50 Hz supply  Main Control Unit/ Incomer WITH SMART IOT LINK TO GET DATA IN CLOUD  1 No63A MCCB, ,FP/TM, O/C,S/C,E/F,U/V and Shunt coils, Phase	1	No.
	reversal relay etc., WITH SMART IoT LINK TO GET DATA IN CLOUD  Basic Event Summary and Pass/Fail Reports for IEEE 519 for Volatge and current Harmonics, 50160 Power Frequency, supply voltage indication, Supply Volatge Dips, Short and Long interuptions, Temporary Over Voltages, Voltage Unbalance and Harmonic Voltage. THD on Voltage	-	
	and current harmonics with custom alarming, Indivividual Harmonics upto 63rd for current and Voltage, High Resolution waveform capture and directly from meter via FTP. Distrurbance Direction Detection, Sag/swell on any volatge, current channel.  Visual Indication 1-LED Based Phase indicating lamps, control RCBOs,		
	CTs, etc.  Visual Indication 2-Set - ON/OFF/ TRIP lamps with control RCBOs	-	
	Additional Controller-Set - Manual Operation Selector switch	-	
	Signal Relayer-Potential Free Contacts for Remote Monitoring	-	
	Potential Bus/Busbar: set -63A TPN,Aluminum BUSBAR	_	
	OUTGOING WITH SMART IOT LINK TO GET DATA IN CLOUD	-	
	RCBOs shall be suitable for field-fittable Protection auxiliaries (viz. Overvoltage release, Under-voltage release, Shunt trip) and Indication Auxiliaries (like Auxiliary Contact, Trip alarm contact). The circuit breakers shall be communication ready to indicate the status of the device (On/Off/Trip), Number of On/Off cycles and Number of Tripping over universally open Modbus and Ethernet (TCP IP) protocol so as to have seamless connectivity with any Energy and Building Management System. In addition the circuit breaker should be able to communicate through GSM module the status of the device (On/Off/Trip) through mobile phone.  25A TPN RCBO, 10KA - 4NOS. (UPS POWER)		
	25A TPN RCBO, 10KA - 4NOS. (GPS FOWER)	-	
	23A IIN KCDO, IUKA - 3 NOS.(SPARE)		

1.2	3RD FLOOR (AB WING) UPS POWER DISTRIBUTION PANEL SMART	1	No.
	DB FOR DATA IN CLOUD, Integratable to IBMS system by Open		
	protocol ,modbus/bacnet etc, and also by Wi-Fi network Supply,		
	installation,testing & commissioning Type Of Construction Floor/Wall mounted cubicle type panel 3rd Party certified as per IEC 61439-1&2		
	Fabricated from 14/16G CRCA sheet steel totally compartmentalized,		
	treated for rust proofing with separate busbar chamber & cable chambers		
	Front & Back access for switchgears, connectors etc. Suitable for 430 V, 3		
	phase / 4 Wire System, 50 Hz supply		
	Main Control Unit/ Incomer WITH SMART IOT LINK TO GET DATA IN CLOUD	-	
	1 No63A MCCB, ,FP/TM, O/C,S/C,E/F,U/V and Shunt coils, Phase	1	
	reversal relay etc., WITH SMART IoT LINK TO GET DATA IN CLOUD		
	Basic Event Summary and Pass/Fail Reports for IEEE 519 for Volatge	1	
	and current Harmonics, 50160 Power Frequency, supply voltage		
	indication, Supply Volatge Dips, Short and Long interuptions, Temporary Over Voltages, Voltage Unbalance and Harmonic Voltage. THD on Voltage		
	and current harmonics with custom alarming, Indivividual Harmonics		
	upto 63rd for current and Voltage, High Resolution waveform capture and		
	directly from meter via FTP. Distrurbance Direction Detection, Sag/swell		
	on any volatge, current channel.		
	Visual Indication 1-LED Based Phase indicating lamps, control RCBOs, CTs, etc.		
	Visual Indication 2-Set - ON/OFF/ TRIP lamps with control RCBOs		
	Additional Controller-Set - Manual Operation Selector switch		
	Signal Relayer-Potential Free Contacts for Remote Monitoring		
	Potential Bus/Busbar: set -63A TPN, Aluminum BUSBAR		
	OUMOOINO WIMII OMADM I-M LINIZ MO ODM DAMA IN OLOUD		
	OUTGOING WITH SMART IOT LINK TO GET DATA IN CLOUD		
	RCBOs shall be suitable for field-fittable Protection auxiliaries (viz. Over-		
	RCBOs shall be suitable for field-fittable Protection auxiliaries (viz. Overvoltage release, Under-voltage release, Shunt trip) and Indication	_	
	RCBOs shall be suitable for field-fittable Protection auxiliaries (viz. Overvoltage release, Under-voltage release, Shunt trip) and Indication Auxiliaries (like Auxiliary Contact, Trip alarm contact). The circuit		
	RCBOs shall be suitable for field-fittable Protection auxiliaries (viz. Overvoltage release, Under-voltage release, Shunt trip) and Indication Auxiliaries (like Auxiliary Contact, Trip alarm contact). The circuit breakers shall be communication ready to indicate the status of the		
	RCBOs shall be suitable for field-fittable Protection auxiliaries (viz. Overvoltage release, Under-voltage release, Shunt trip) and Indication Auxiliaries (like Auxiliary Contact, Trip alarm contact). The circuit breakers shall be communication ready to indicate the status of the device (On/Off/Trip), Number of On/Off cycles and Number of Tripping		
	RCBOs shall be suitable for field-fittable Protection auxiliaries (viz. Overvoltage release, Under-voltage release, Shunt trip) and Indication Auxiliaries (like Auxiliary Contact, Trip alarm contact). The circuit breakers shall be communication ready to indicate the status of the device (On/Off/Trip), Number of On/Off cycles and Number of Tripping over universally open Modbus and Ethernet (TCP IP) protocol so as to		
	RCBOs shall be suitable for field-fittable Protection auxiliaries (viz. Overvoltage release, Under-voltage release, Shunt trip) and Indication Auxiliaries (like Auxiliary Contact, Trip alarm contact). The circuit breakers shall be communication ready to indicate the status of the device (On/Off/Trip), Number of On/Off cycles and Number of Tripping over universally open Modbus and Ethernet (TCP IP) protocol so as to have seamless connectivity with any Energy and Building Management		
	RCBOs shall be suitable for field-fittable Protection auxiliaries (viz. Overvoltage release, Under-voltage release, Shunt trip) and Indication Auxiliaries (like Auxiliary Contact, Trip alarm contact). The circuit breakers shall be communication ready to indicate the status of the device (On/Off/Trip), Number of On/Off cycles and Number of Tripping over universally open Modbus and Ethernet (TCP IP) protocol so as to have seamless connectivity with any Energy and Building Management System. In addition the circuit breaker should be able to communicate		
	RCBOs shall be suitable for field-fittable Protection auxiliaries (viz. Overvoltage release, Under-voltage release, Shunt trip) and Indication Auxiliaries (like Auxiliary Contact, Trip alarm contact). The circuit breakers shall be communication ready to indicate the status of the device (On/Off/Trip), Number of On/Off cycles and Number of Tripping over universally open Modbus and Ethernet (TCP IP) protocol so as to have seamless connectivity with any Energy and Building Management System. In addition the circuit breaker should be able to communicate through GSM module the status of the device (On/Off/Trip) through		
	RCBOs shall be suitable for field-fittable Protection auxiliaries (viz. Overvoltage release, Under-voltage release, Shunt trip) and Indication Auxiliaries (like Auxiliary Contact, Trip alarm contact). The circuit breakers shall be communication ready to indicate the status of the device (On/Off/Trip), Number of On/Off cycles and Number of Tripping over universally open Modbus and Ethernet (TCP IP) protocol so as to have seamless connectivity with any Energy and Building Management System. In addition the circuit breaker should be able to communicate through GSM module the status of the device (On/Off/Trip) through mobile phone.		
	RCBOs shall be suitable for field-fittable Protection auxiliaries (viz. Overvoltage release, Under-voltage release, Shunt trip) and Indication Auxiliaries (like Auxiliary Contact, Trip alarm contact). The circuit breakers shall be communication ready to indicate the status of the device (On/Off/Trip), Number of On/Off cycles and Number of Tripping over universally open Modbus and Ethernet (TCP IP) protocol so as to have seamless connectivity with any Energy and Building Management System. In addition the circuit breaker should be able to communicate through GSM module the status of the device (On/Off/Trip) through mobile phone.  25A TPN RCBO, 10KA - 6NOS. (UPS POWER)		
2	RCBOs shall be suitable for field-fittable Protection auxiliaries (viz. Overvoltage release, Under-voltage release, Shunt trip) and Indication Auxiliaries (like Auxiliary Contact, Trip alarm contact). The circuit breakers shall be communication ready to indicate the status of the device (On/Off/Trip), Number of On/Off cycles and Number of Tripping over universally open Modbus and Ethernet (TCP IP) protocol so as to have seamless connectivity with any Energy and Building Management System. In addition the circuit breaker should be able to communicate through GSM module the status of the device (On/Off/Trip) through mobile phone.  25A TPN RCBO, 10KA - 6NOS. (UPS POWER)		No
3	RCBOs shall be suitable for field-fittable Protection auxiliaries (viz. Overvoltage release, Under-voltage release, Shunt trip) and Indication Auxiliaries (like Auxiliary Contact, Trip alarm contact). The circuit breakers shall be communication ready to indicate the status of the device (On/Off/Trip), Number of On/Off cycles and Number of Tripping over universally open Modbus and Ethernet (TCP IP) protocol so as to have seamless connectivity with any Energy and Building Management System. In addition the circuit breaker should be able to communicate through GSM module the status of the device (On/Off/Trip) through mobile phone.  25A TPN RCBO, 10KA - 6NOS. (UPS POWER)  25A TPN RCBO, 10KA - 3 NOS.(SPARE)  4TH FLOOR (AB WING) UPS POWER DISTRIBUTION PANEL SMART	1	No.
3	RCBOs shall be suitable for field-fittable Protection auxiliaries (viz. Overvoltage release, Under-voltage release, Shunt trip) and Indication Auxiliaries (like Auxiliary Contact, Trip alarm contact). The circuit breakers shall be communication ready to indicate the status of the device (On/Off/Trip), Number of On/Off cycles and Number of Tripping over universally open Modbus and Ethernet (TCP IP) protocol so as to have seamless connectivity with any Energy and Building Management System. In addition the circuit breaker should be able to communicate through GSM module the status of the device (On/Off/Trip) through mobile phone.  25A TPN RCBO, 10KA - 6NOS. (UPS POWER)  25A TPN RCBO, 10KA - 3 NOS.(SPARE)  4TH FLOOR (AB WING) UPS POWER DISTRIBUTION PANEL SMART DB FOR DATA IN CLOUD, Integratable to IBMS system by Open	1	No.
3	RCBOs shall be suitable for field-fittable Protection auxiliaries (viz. Overvoltage release, Under-voltage release, Shunt trip) and Indication Auxiliaries (like Auxiliary Contact, Trip alarm contact). The circuit breakers shall be communication ready to indicate the status of the device (On/Off/Trip), Number of On/Off cycles and Number of Tripping over universally open Modbus and Ethernet (TCP IP) protocol so as to have seamless connectivity with any Energy and Building Management System. In addition the circuit breaker should be able to communicate through GSM module the status of the device (On/Off/Trip) through mobile phone.  25A TPN RCBO, 10KA - 6NOS. (UPS POWER)  25A TPN RCBO, 10KA - 3 NOS.(SPARE)  4TH FLOOR (AB WING) UPS POWER DISTRIBUTION PANEL SMART DB FOR DATA IN CLOUD, Integratable to IBMS system by Open protocol, modbus/bacnet etc, and also by Wi-Fi network Supply,	1	No.
3	RCBOs shall be suitable for field-fittable Protection auxiliaries (viz. Overvoltage release, Under-voltage release, Shunt trip) and Indication Auxiliaries (like Auxiliary Contact, Trip alarm contact). The circuit breakers shall be communication ready to indicate the status of the device (On/Off/Trip), Number of On/Off cycles and Number of Tripping over universally open Modbus and Ethernet (TCP IP) protocol so as to have seamless connectivity with any Energy and Building Management System. In addition the circuit breaker should be able to communicate through GSM module the status of the device (On/Off/Trip) through mobile phone.  25A TPN RCBO, 10KA - 6NOS. (UPS POWER)  25A TPN RCBO, 10KA - 3 NOS.(SPARE)  4TH FLOOR (AB WING) UPS POWER DISTRIBUTION PANEL SMART DB FOR DATA IN CLOUD, Integratable to IBMS system by Open protocol ,modbus/bacnet etc, and also by Wi-Fi network Supply, installation, testing & commissioning Type Of Construction Floor/Wall	1	No.
33	RCBOs shall be suitable for field-fittable Protection auxiliaries (viz. Overvoltage release, Under-voltage release, Shunt trip) and Indication Auxiliaries (like Auxiliary Contact, Trip alarm contact). The circuit breakers shall be communication ready to indicate the status of the device (On/Off/Trip), Number of On/Off cycles and Number of Tripping over universally open Modbus and Ethernet (TCP IP) protocol so as to have seamless connectivity with any Energy and Building Management System. In addition the circuit breaker should be able to communicate through GSM module the status of the device (On/Off/Trip) through mobile phone.  25A TPN RCBO, 10KA - 6NOS. (UPS POWER)  4TH FLOOR (AB WING) UPS POWER DISTRIBUTION PANEL SMART DB FOR DATA IN CLOUD, Integratable to IBMS system by Open protocol ,modbus/bacnet etc, and also by Wi-Fi network Supply, installation, testing & commissioning Type Of Construction Floor/Wall mountedcubicle type panel 3rd Party certified as per IEC 61439-1&2	1	No.
3	RCBOs shall be suitable for field-fittable Protection auxiliaries (viz. Overvoltage release, Under-voltage release, Shunt trip) and Indication Auxiliaries (like Auxiliary Contact, Trip alarm contact). The circuit breakers shall be communication ready to indicate the status of the device (On/Off/Trip), Number of On/Off cycles and Number of Tripping over universally open Modbus and Ethernet (TCP IP) protocol so as to have seamless connectivity with any Energy and Building Management System. In addition the circuit breaker should be able to communicate through GSM module the status of the device (On/Off/Trip) through mobile phone.  25A TPN RCBO, 10KA - 6NOS. (UPS POWER)  25A TPN RCBO, 10KA - 3 NOS.(SPARE)  4TH FLOOR (AB WING) UPS POWER DISTRIBUTION PANEL SMART DB FOR DATA IN CLOUD, Integratable to IBMS system by Open protocol, modbus/bacnet etc, and also by Wi-Fi network Supply, installation, testing & commissioning Type Of Construction Floor/Wall mountedcubicle type panel 3rd Party certified as per IEC 61439-1&2 Fabricated from 14/16G CRCA sheet steel totally compartmentalized,	1	No.
3	RCBOs shall be suitable for field-fittable Protection auxiliaries (viz. Overvoltage release, Under-voltage release, Shunt trip) and Indication Auxiliaries (like Auxiliary Contact, Trip alarm contact). The circuit breakers shall be communication ready to indicate the status of the device (On/Off/Trip), Number of On/Off cycles and Number of Tripping over universally open Modbus and Ethernet (TCP IP) protocol so as to have seamless connectivity with any Energy and Building Management System. In addition the circuit breaker should be able to communicate through GSM module the status of the device (On/Off/Trip) through mobile phone.  25A TPN RCBO, 10KA - 6NOS. (UPS POWER)  25A TPN RCBO, 10KA - 3 NOS.(SPARE)  4TH FLOOR (AB WING) UPS POWER DISTRIBUTION PANEL SMART DB FOR DATA IN CLOUD, Integratable to IBMS system by Open protocol, modbus/bacnet etc, and also by Wi-Fi network Supply, installation, testing & commissioning Type Of Construction Floor/Wall mountedcubicle type panel 3rd Party certified as per IEC 61439-1&2 Fabricated from 14/16G CRCA sheet steel totally compartmentalized, treated for rust proofing. with separate busbar chamber & cable chambers	1	No.
3	RCBOs shall be suitable for field-fittable Protection auxiliaries (viz. Overvoltage release, Under-voltage release, Shunt trip) and Indication Auxiliaries (like Auxiliary Contact, Trip alarm contact). The circuit breakers shall be communication ready to indicate the status of the device (On/Off/Trip), Number of On/Off cycles and Number of Tripping over universally open Modbus and Ethernet (TCP IP) protocol so as to have seamless connectivity with any Energy and Building Management System. In addition the circuit breaker should be able to communicate through GSM module the status of the device (On/Off/Trip) through mobile phone.  25A TPN RCBO, 10KA - 6NOS. (UPS POWER)  25A TPN RCBO, 10KA - 3 NOS.(SPARE)  4TH FLOOR (AB WING) UPS POWER DISTRIBUTION PANEL SMART DB FOR DATA IN CLOUD, Integratable to IBMS system by Open protocol, modbus/bacnet etc, and also by Wi-Fi network Supply, installation, testing & commissioning Type Of Construction Floor/Wall mountedcubicle type panel 3rd Party certified as per IEC 61439-1&2 Fabricated from 14/16G CRCA sheet steel totally compartmentalized, treated for rust proofing. with separate busbar chamber & cable chambers Front & Back access for switchgears, connectors etc. Suitable for 430 V, 3	1	No.
3	RCBOs shall be suitable for field-fittable Protection auxiliaries (viz. Overvoltage release, Under-voltage release, Shunt trip) and Indication Auxiliaries (like Auxiliary Contact, Trip alarm contact). The circuit breakers shall be communication ready to indicate the status of the device (On/Off/Trip), Number of On/Off cycles and Number of Tripping over universally open Modbus and Ethernet (TCP IP) protocol so as to have seamless connectivity with any Energy and Building Management System. In addition the circuit breaker should be able to communicate through GSM module the status of the device (On/Off/Trip) through mobile phone.  25A TPN RCBO,10KA - 6NOS. (UPS POWER)  25A TPN RCBO, 10KA - 3 NOS.(SPARE)  4TH FLOOR (AB WING) UPS POWER DISTRIBUTION PANEL SMART DB FOR DATA IN CLOUD, Integratable to IBMS system by Open protocol, modbus/bacnet etc, and also by Wi-Fi network Supply, installation, testing & commissioning Type Of Construction Floor/Wall mountedcubicle type panel 3rd Party certified as per IEC 61439-1&2 Fabricated from 14/16G CRCA sheet steel totally compartmentalized, treated for rust proofing. with separate busbar chamber & cable chambers Front & Back access for switchgears, connectors etc. Suitable for 430 V, 3 phase / 4 Wire System, 50 Hz supply  Main Control Unit/ Incomer WITH SMART IOT LINK TO GET DATA IN	1	No.
3	RCBOs shall be suitable for field-fittable Protection auxiliaries (viz. Overvoltage release, Under-voltage release, Shunt trip) and Indication Auxiliaries (like Auxiliary Contact, Trip alarm contact). The circuit breakers shall be communication ready to indicate the status of the device (On/Off/Trip), Number of On/Off cycles and Number of Tripping over universally open Modbus and Ethernet (TCP IP) protocol so as to have seamless connectivity with any Energy and Building Management System. In addition the circuit breaker should be able to communicate through GSM module the status of the device (On/Off/Trip) through mobile phone.  25A TPN RCBO, 10KA - 6NOS. (UPS POWER)  25A TPN RCBO, 10KA - 3 NOS.(SPARE)  4TH FLOOR (AB WING) UPS POWER DISTRIBUTION PANEL SMART DB FOR DATA IN CLOUD, Integratable to IBMS system by Open protocol, modbus/bacnet etc, and also by Wi-Fi network Supply, installation, testing & commissioning Type Of Construction Floor/Wall mountedcubicle type panel 3rd Party certified as per IEC 61439-1&2 Fabricated from 14/16G CRCA sheet steel totally compartmentalized, treated for rust proofing, with separate busbar chamber & cable chambers Front & Back access for switchgears, connectors etc. Suitable for 430 V, 3 phase / 4 Wire System , 50 Hz supply  Main Control Unit/ Incomer WITH SMART IOT LINK TO GET DATA IN CLOUD	1	No.
3	RCBOs shall be suitable for field-fittable Protection auxiliaries (viz. Overvoltage release, Under-voltage release, Shunt trip) and Indication Auxiliaries (like Auxiliary Contact, Trip alarm contact). The circuit breakers shall be communication ready to indicate the status of the device (On/Off/Trip), Number of On/Off cycles and Number of Tripping over universally open Modbus and Ethernet (TCP IP) protocol so as to have seamless connectivity with any Energy and Building Management System. In addition the circuit breaker should be able to communicate through GSM module the status of the device (On/Off/Trip) through mobile phone.  25A TPN RCBO,10KA - 6NOS. (UPS POWER)  25A TPN RCBO, 10KA - 3 NOS.(SPARE)  4TH FLOOR (AB WING) UPS POWER DISTRIBUTION PANEL SMART DB FOR DATA IN CLOUD, Integratable to IBMS system by Open protocol, modbus/bacnet etc, and also by Wi-Fi network Supply, installation, testing & commissioning Type Of Construction Floor/Wall mountedcubicle type panel 3rd Party certified as per IEC 61439-1&2 Fabricated from 14/16G CRCA sheet steel totally compartmentalized, treated for rust proofing. with separate busbar chamber & cable chambers Front & Back access for switchgears, connectors etc. Suitable for 430 V, 3 phase / 4 Wire System, 50 Hz supply  Main Control Unit/ Incomer WITH SMART IOT LINK TO GET DATA IN	1	No.

	Basic Event Summary and Pass/Fail Reports for IEEE 519 for Volatge and current Harmonics, 50160 Power Frequency, supply voltage indication, Supply Volatge Dips, Short and Long interuptions, Temporary Over Voltages, Voltage Unbalance and Harmonic Voltage. THD on Voltage and current harmonics with custom alarming, Indivividual Harmonics upto 63rd for current and Voltage, High Resolution waveform capture and directly from meter via FTP. Distrurbance Direction Detection, Sag/swell on any volatge, current channel.  Visual Indication 1-LED Based Phase indicating lamps, control RCBOs, CTs, etc.  Visual Indication 2-Set - ON/OFF/ TRIP lamps with control RCBOs  Additional Controller-Set - Manual Operation Selector switch  Signal Relayer-Potential Free Contacts for Remote Monitoring  Potential Bus/Busbar: set -63A TPN,Aluminum BUSBAR  OUTGOING WITH SMART IOT LINK TO GET DATA IN CLOUD  RCBOs shall be suitable for field-fittable Protection auxiliaries (viz. Over-		
	voltage release, Under-voltage release, Shunt trip) and Indication		
	Auxiliaries (like Auxiliary Contact, Trip alarm contact). The circuit		
	breakers shall be communication ready to indicate the status of the device (On/Off/Trip), Number of On/Off cycles and Number of Tripping		
	over universally open Modbus and Ethernet (TCP IP) protocol so as to		
	have seamless connectivity with any Energy and Building Management System. In addition the circuit breaker should be able to communicate		
	through GSM module the status of the device (On/Off/Trip) through		
	mobile phone.		
	25A TPN RCBO,10KA - 6NOS. (UPS POWER)		
1.4	25A TPN RCBO, 10KA - 3 NOS.(SPARE)		
1.7	5TH FLOOR (AB WING) UPS POWER DISTRIBUTION PANEL SMART DB FOR DATA IN CLOUD, Integratable to IBMS system by Open protocol ,modbus/bacnet etc, and also by Wi-Fi network Supply, installation, testing & commissioning Type Of Construction Floor/Wall mountedcubicle type panel 3rd Party certified as per IEC 61439-1&2 Fabricated from 14/16G CRCA sheet steel totally compartmentalized, treated for rust proofing. with separate busbar chamber & cable chambers Front & Back access for switchgears, connectors etc. Suitable for 430 V, 3 phase / 4 Wire System , 50 Hz supply	1	No.
	Main Control Unit/ Incomer WITH SMART IOT LINK TO GET DATA IN		
	CLOUD  1 No125A MCCB, ,FP/TM, O/C,S/C,E/F,U/V and Shunt coils, Phase reversal relay etc.,WITH SMART IoT LINK TO GET DATA IN CLOUD		
	Basic Event Summary and Pass/Fail Reports for IEEE 519 for Volatge and current Harmonics, 50160 Power Frequency, supply voltage indication, Supply Volatge Dips, Short and Long interuptions, Temporary Over Voltages, Voltage Unbalance and Harmonic Voltage. THD on Voltage and current harmonics with custom alarming, Indivividual Harmonics upto 63rd for current and Voltage, High Resolution waveform capture and directly from meter via FTP. Distrurbance Direction Detection, Sag/swell on any volatge, current channel.		
	Visual Indication 1-LED Based Phase indicating lamps, control RCBOs, CTs, etc.		
	Visual Indication 2-Set - ON/OFF/ TRIP lamps with control RCBOs		
	Additional Controller-Set - Manual Operation Selector switch		
	Signal Relayer-Potential Free Contacts for Remote Monitoring		
	<u> </u>		
	Signal Relayer-Potential Free Contacts for Remote Monitoring		

		1	
	RCBOs shall be suitable for field-fittable Protection auxiliaries (viz. Overvoltage release, Under-voltage release, Shunt trip) and Indication Auxiliaries (like Auxiliary Contact, Trip alarm contact). The circuit breakers shall be communication ready to indicate the status of the device (On/Off/Trip), Number of On/Off cycles and Number of Tripping over universally open Modbus and Ethernet (TCP IP) protocol so as to have seamless connectivity with any Energy and Building Management System. In addition the circuit breaker should be able to communicate through GSM module the status of the device (On/Off/Trip) through mobile phone.  25A TPN RCBO, 10KA - 4NOS. (UPS POWER)  63A TPN RCBO, 10KA - 2NOS. (UPS POWER)		
	63A TPN RCBO, 10KA - 1 NOS.(SPARE)		
1.5	6TH LOWER FLOOR (AB WING) UPS POWER DISTRIBUTION PANEL	1	No.
	SMART DB FOR DATA IN CLOUD, Integratable to IBMS system by Open protocol, modbus/bacnet etc, and also by Wi-Fi networkSupply, installation, testing & commissioning Type Of Construction Floor/Wall mounted cubicle type panel 3rd Party certified as per IEC 61439-1&2 Fabricated from 14/16G CRCA sheet steel totally compartmentalized, treated for rust proofing. with separate busbar chamber & cable chambers Front & Back access for switchgears, connectors etc. Suitable for 430 V, 3 phase / 4 Wire System, 50 Hz supply  Main Control Unit/ Incomer WITH SMART IOT LINK TO GET DATA IN		
	CLOUD  1 No32A MCCB, ,FP/TM, O/C,S/C,E/F,U/V and Shunt coils, Phase reversal relay etc.,WITH SMART IoT LINK TO GET DATA IN CLOUD		
	Basic Event Summary and Pass/Fail Reports for IEEE 519 for Volatge and current Harmonics, 50160 Power Frequency, supply voltage indication, Supply Volatge Dips, Short and Long interuptions, Temporary Over Voltages, Voltage Unbalance and Harmonic Voltage. THD on Voltage and current harmonics with custom alarming, Indivividual Harmonics upto 63rd for current and Voltage, High Resolution waveform capture and directly from meter via FTP. Distrurbance Direction Detection, Sag/swell on any volatge, current channel.		
	Visual Indication 1-LED Based Phase indicating lamps, control RCBOs, CTs, etc.		
	Visual Indication 2-Set - ON/OFF/ TRIP lamps with control RCBOs		
	Additional Controller-Set - Manual Operation Selector switch		
	Signal Relayer-Potential Free Contacts for Remote Monitoring		
	Potential Bus/Busbar: set -32A TPN,Aluminum BUSBAR		
	OUTGOING WITH SMART IOT LINK TO GET DATA IN CLOUD		
	RCBOs shall be suitable for field-fittable Protection auxiliaries (viz. Overvoltage release, Under-voltage release, Shunt trip) and Indication Auxiliaries (like Auxiliary Contact, Trip alarm contact). The circuit breakers shall be communication ready to indicate the status of the device (On/Off/Trip), Number of On/Off cycles and Number of Tripping over universally open Modbus and Ethernet (TCP IP) protocol so as to have seamless connectivity with any Energy and Building Management System. In addition the circuit breaker should be able to communicate through GSM module the status of the device (On/Off/Trip) through mobile phone.  25A TPN RCBO, 10KA - 4NOS. (UPS POWER)		
	25A TPN RCBO, 10KA - 3 NOS.(SPARE)		

SMART DB FOR DATA IN CLOUD,Integratable to IBMS system by Open protocol ,modbus/bacnet etc, and also by Wi-Fi network- Supply, installation,testing & commissioning Type Of Construction Floor/Wall mountedcubicle type panel 3rd Party certified as per IEC 61439-1&2 Fabricated from 14/16G CRCA sheet steel totally compartmentalized, treated for rust proofing with separate busbar	1
Supply, installation, testing & commissioning Type Of Construction Floor/Wall mountedcubicle type panel 3rd Party certified as per IEC 61439-1&2 Fabricated from 14/16G CRCA sheet steel totally	
Floor/Wall mountedcubicle type panel 3rd Party certified as per IEC 61439-1&2 Fabricated from 14/16G CRCA sheet steel totally	
61439-1&2 Fabricated from 14/16G CRCA sheet steel totally	
chamber & cable chambers Front & Back access for switchgears,	
connectors etc. Suitable for 430 V, 3 phase / 4 Wire System, 50 Hz	
supply	
Main Control Unit/ Incomer WITH SMART IOT LINK TO GET DATA IN CLOUD	
1 No32A MCCB, ,FP/TM, O/C,S/C,E/F,U/V and Shunt coils, Phase reversal relay etc.,WITH SMART IoT LINK TO GET DATA IN CLOUD	
Basic Event Summary and Pass/Fail Reports for IEEE 519 for Volatge	
and current Harmonics, 50160 Power Frequency, supply voltage	
indication, Supply Volatge Dips, Short and Long interuptions, Temporary	
Over Voltages, Voltage Unbalance and Harmonic Voltage. THD on Voltage	
and current harmonics with custom alarming, Indivividual Harmonics	
upto 63rd for current and Voltage, High Resolution waveform capture and	
directly from meter via FTP. Distrurbance Direction Detection, Sag/swell	
on any volatge, current channel.	
Visual Indication 1-LED Based Phase indicating lamps, control RCBOs,	
CTs, etc.	
Visual Indication 2-Set - ON/OFF/ TRIP lamps with control RCBOs	
Additional Controller-Set - Manual Operation Selector switch	
<u>-</u>	
Signal Relayer-Potential Free Contacts for Remote Monitoring	
Potential Bus/Busbar: set -32A TPN,Aluminum BUSBAR	
OUTGOING WITH SMART IOT LINK TO GET DATA IN CLOUD	
RCBOs shall be suitable for field-fittable Protection auxiliaries (viz. Over-	
voltage release, Under-voltage release, Shunt trip) and Indication	
Auxiliaries (like Auxiliary Contact, Trip alarm contact). The circuit	
breakers shall be communication ready to indicate the status of the	
device (On/Off/Trip), Number of On/Off cycles and Number of Tripping	
over universally open Modbus and Ethernet (TCP IP) protocol so as to	
have seamless connectivity with any Energy and Building Management	
System. In addition the circuit breaker should be able to communicate	
through GSM module the status of the device (On/Off/Trip) through mobile phone.	
through GSM module the status of the device (On/Off/Trip) through mobile phone.	
through GSM module the status of the device (On/Off/Trip) through mobile phone.  25A TPN RCBO,10KA - 6NOS. (UPS POWER)	
through GSM module the status of the device (On/Off/Trip) through mobile phone.  25A TPN RCBO,10KA - 6NOS. (UPS POWER)  25A TPN RCBO, 10KA - 3 NOS.(SPARE)	No
through GSM module the status of the device (On/Off/Trip) through mobile phone.  25A TPN RCBO,10KA - 6NOS. (UPS POWER)  25A TPN RCBO, 10KA - 3 NOS.(SPARE)  TERRACE FLOOR (AB WING) UPS POWER DISTRIBUTION PANEL	No.
through GSM module the status of the device (On/Off/Trip) through mobile phone.  25A TPN RCBO,10KA - 6NOS. (UPS POWER)  25A TPN RCBO, 10KA - 3 NOS.(SPARE)  7 TERRACE FLOOR (AB WING) UPS POWER DISTRIBUTION PANEL SMART DB FOR DATA IN CLOUD,Integratable to IBMS system by	No.
through GSM module the status of the device (On/Off/Trip) through mobile phone.  25A TPN RCBO,10KA - 6NOS. (UPS POWER)  25A TPN RCBO, 10KA - 3 NOS.(SPARE)  7 TERRACE FLOOR (AB WING) UPS POWER DISTRIBUTION PANEL SMART DB FOR DATA IN CLOUD,Integratable to IBMS system by Open protocol ,modbus/bacnet etc, and also by Wi-Fi network	No.
through GSM module the status of the device (On/Off/Trip) through mobile phone.  25A TPN RCBO, 10KA - 6NOS. (UPS POWER)  25A TPN RCBO, 10KA - 3 NOS.(SPARE)  TERRACE FLOOR (AB WING) UPS POWER DISTRIBUTION PANEL SMART DB FOR DATA IN CLOUD, Integratable to IBMS system by Open protocol ,modbus/bacnet etc, and also by Wi-Fi network-Supply, installation, testing & commissioning Type Of Construction	No.
through GSM module the status of the device (On/Off/Trip) through mobile phone.  25A TPN RCBO, 10KA - 6NOS. (UPS POWER)  25A TPN RCBO, 10KA - 3 NOS.(SPARE)  TERRACE FLOOR (AB WING) UPS POWER DISTRIBUTION PANEL SMART DB FOR DATA IN CLOUD, Integratable to IBMS system by Open protocol ,modbus/bacnet etc, and also by Wi-Fi network-Supply, installation, testing & commissioning Type Of Construction Floor/Wall mountedcubicle type panel 3rd Party certified as per IEC	No.
through GSM module the status of the device (On/Off/Trip) through mobile phone.  25A TPN RCBO, 10KA - 6NOS. (UPS POWER)  25A TPN RCBO, 10KA - 3 NOS.(SPARE)  TERRACE FLOOR (AB WING) UPS POWER DISTRIBUTION PANEL SMART DB FOR DATA IN CLOUD, Integratable to IBMS system by Open protocol ,modbus/bacnet etc, and also by Wi-Fi network-Supply, installation, testing & commissioning Type Of Construction Floor/Wall mountedcubicle type panel 3rd Party certified as per IEC 61439-1&2 Fabricated from 14/16G CRCA sheet steel totally	No.
through GSM module the status of the device (On/Off/Trip) through mobile phone.  25A TPN RCBO, 10KA - 6NOS. (UPS POWER)  25A TPN RCBO, 10KA - 3 NOS.(SPARE)  TERRACE FLOOR (AB WING) UPS POWER DISTRIBUTION PANEL SMART DB FOR DATA IN CLOUD, Integratable to IBMS system by Open protocol ,modbus/bacnet etc, and also by Wi-Fi network-Supply, installation, testing & commissioning Type Of Construction Floor/Wall mountedcubicle type panel 3rd Party certified as per IEC 61439-1&2 Fabricated from 14/16G CRCA sheet steel totally compartmentalized, treated for rust proofing with separate busbar	No.
through GSM module the status of the device (On/Off/Trip) through mobile phone.  25A TPN RCBO, 10KA - 6NOS. (UPS POWER)  25A TPN RCBO, 10KA - 3 NOS.(SPARE)  TERRACE FLOOR (AB WING) UPS POWER DISTRIBUTION PANEL SMART DB FOR DATA IN CLOUD, Integratable to IBMS system by Open protocol ,modbus/bacnet etc, and also by Wi-Fi network-Supply, installation, testing & commissioning Type Of Construction Floor/Wall mountedcubicle type panel 3rd Party certified as per IEC 61439-1&2 Fabricated from 14/16G CRCA sheet steel totally compartmentalized, treated for rust proofing. with separate busbar chamber & cable chambers Front & Back access for switchgears,	No.
through GSM module the status of the device (On/Off/Trip) through mobile phone.  25A TPN RCBO, 10KA - 6NOS. (UPS POWER)  25A TPN RCBO, 10KA - 3 NOS.(SPARE)  7 TERRACE FLOOR (AB WING) UPS POWER DISTRIBUTION PANEL SMART DB FOR DATA IN CLOUD, Integratable to IBMS system by Open protocol ,modbus/bacnet etc, and also by Wi-Fi network-Supply, installation, testing & commissioning Type Of Construction Floor/Wall mountedcubicle type panel 3rd Party certified as per IEC 61439-1&2 Fabricated from 14/16G CRCA sheet steel totally compartmentalized, treated for rust proofing. with separate busbar chamber & cable chambers Front & Back access for switchgears, connectors etc. Suitable for 430 V, 3 phase / 4 Wire System , 50 Hz	No.
through GSM module the status of the device (On/Off/Trip) through mobile phone.  25A TPN RCBO, 10KA - 6NOS. (UPS POWER)  25A TPN RCBO, 10KA - 3 NOS.(SPARE)  7 TERRACE FLOOR (AB WING) UPS POWER DISTRIBUTION PANEL SMART DB FOR DATA IN CLOUD, Integratable to IBMS system by Open protocol ,modbus/bacnet etc, and also by Wi-Fi network-Supply, installation, testing & commissioning Type Of Construction Floor/Wall mountedcubicle type panel 3rd Party certified as per IEC 61439-1&2 Fabricated from 14/16G CRCA sheet steel totally compartmentalized, treated for rust proofing. with separate busbar chamber & cable chambers Front & Back access for switchgears, connectors etc. Suitable for 430 V, 3 phase / 4 Wire System , 50 Hz supply	No.
through GSM module the status of the device (On/Off/Trip) through mobile phone.  25A TPN RCBO, 10KA - 6NOS. (UPS POWER)  25A TPN RCBO, 10KA - 3 NOS.(SPARE)  7 TERRACE FLOOR (AB WING) UPS POWER DISTRIBUTION PANEL SMART DB FOR DATA IN CLOUD, Integratable to IBMS system by Open protocol , modbus/bacnet etc, and also by Wi-Fi network-Supply, installation, testing & commissioning Type Of Construction Floor/Wall mountedcubicle type panel 3rd Party certified as per IEC 61439-1&2 Fabricated from 14/16G CRCA sheet steel totally compartmentalized, treated for rust proofing. with separate busbar chamber & cable chambers Front & Back access for switchgears, connectors etc. Suitable for 430 V, 3 phase / 4 Wire System , 50 Hz supply  Main Control Unit/ Incomer WITH SMART IOT LINK TO GET DATA IN	No.
through GSM module the status of the device (On/Off/Trip) through mobile phone.  25A TPN RCBO,10KA - 6NOS. (UPS POWER)  25A TPN RCBO, 10KA - 3 NOS.(SPARE)  TERRACE FLOOR (AB WING) UPS POWER DISTRIBUTION PANEL SMART DB FOR DATA IN CLOUD,Integratable to IBMS system by Open protocol ,modbus/bacnet etc, and also by Wi-Fi network-Supply, installation,testing & commissioning Type Of Construction Floor/Wall mountedcubicle type panel 3rd Party certified as per IEC 61439-1&2 Fabricated from 14/16G CRCA sheet steel totally compartmentalized, treated for rust proofing.with separate busbar chamber & cable chambers Front & Back access for switchgears, connectors etc.Suitable for 430 V, 3 phase / 4 Wire System , 50 Hz supply  Main Control Unit/ Incomer WITH SMART IOT LINK TO GET DATA IN CLOUD	No.
through GSM module the status of the device (On/Off/Trip) through mobile phone.  25A TPN RCBO, 10KA - 6NOS. (UPS POWER)  25A TPN RCBO, 10KA - 3 NOS.(SPARE)  7 TERRACE FLOOR (AB WING) UPS POWER DISTRIBUTION PANEL SMART DB FOR DATA IN CLOUD, Integratable to IBMS system by Open protocol , modbus/bacnet etc, and also by Wi-Fi network-Supply, installation, testing & commissioning Type Of Construction Floor/Wall mountedcubicle type panel 3rd Party certified as per IEC 61439-1&2 Fabricated from 14/16G CRCA sheet steel totally compartmentalized, treated for rust proofing. with separate busbar chamber & cable chambers Front & Back access for switchgears, connectors etc. Suitable for 430 V, 3 phase / 4 Wire System , 50 Hz supply  Main Control Unit/ Incomer WITH SMART IOT LINK TO GET DATA IN	No.

	Basic Event Summary and Pass/Fail Reports for IEEE 519 for Volatge		
	and current Harmonics, 50160 Power Frequency, supply voltage indication, Supply Voltage Dips, Short and Long interuptions, Temporary Over Voltages, Voltage Unbalance and Harmonic Voltage. THD on Voltage and current harmonics with custom alarming, Indivividual Harmonics		
	upto 63rd for current and Voltage, High Resolution waveform capture and directly from meter via FTP. Distrurbance Direction Detection, Sag/swell		
	on any volatge, current channel.  Visual Indication 1-LED Based Phase indicating lamps, control RCBOs,		
	CTs, etc.  Visual Indication 2-Set - ON/OFF/ TRIP lamps with control RCBOs		
	Additional Controller-Set - Manual Operation Selector switch		
	Signal Relayer-Potential Free Contacts for Remote Monitoring		
	Potential Bus/Busbar: set -32A TPN,Aluminum BUSBAR		
	OUTGOING WITH SMART IOT LINK TO GET DATA IN CLOUD		
	RCBOs shall be suitable for field-fittable Protection auxiliaries (viz. Overvoltage release, Under-voltage release, Shunt trip) and Indication Auxiliaries (like Auxiliary Contact, Trip alarm contact). The circuit breakers shall be communication ready to indicate the status of the device (On/Off/Trip), Number of On/Off cycles and Number of Tripping		
	over universally open Modbus and Ethernet (TCP IP) protocol so as to have seamless connectivity with any Energy and Building Management System. In addition the circuit breaker should be able to communicate through GSM module the status of the device (On/Off/Trip) through mobile phone.		
	25A TPN RCBO,10KA - 2NOS. (UPS POWER)		
	25A TPN RCBO, 10KA - 3 NOS.(SPARE)		
	WING-CD UPS BUS DUCT		
1 1	100 PLOOP (AP WING) UPG POWER DIGERRIPLENON PANEL GWARD PR	1	NT.
1.1	1ST FLOOR (AB WING) UPS POWER DISTRIBUTION PANEL SMART DB FOR DATA IN CLOUD, Integratable to IBMS system by Open protocol, modbus/bacnet etc, and also by Wi-Fi network Supply, installation, testing & commissioning Type Of Construction Floor/Wall mountedcubicle type panel 3rd Party certified as per IEC 61439-1&2 Fabricated from 14/16G CRCA sheet steel totally compartmentalized, treated for rust proofing. with separate busbar chamber & cable chambers Front & Back access for switchgears, connectors etc. Suitable for 430 V, 3 phase / 4 Wire System. 50 Hz supply	1	No.
1.1	FOR DATA IN CLOUD, Integratable to IBMS system by Open protocol ,modbus/bacnet etc, and also by Wi-Fi network Supply, installation, testing & commissioning Type Of Construction Floor/Wall mountedcubicle type panel 3rd Party certified as per IEC 61439-1&2 Fabricated from 14/16G CRCA sheet steel totally compartmentalized, treated for rust proofing.with separate busbar chamber & cable chambers Front & Back access for switchgears, connectors etc. Suitable for 430 V, 3 phase / 4 Wire System, 50 Hz supply  Main Control Unit/ Incomer WITH SMART IOT LINK TO GET DATA IN	1	No.
1.1	FOR DATA IN CLOUD, Integratable to IBMS system by Open protocol ,modbus/bacnet etc, and also by Wi-Fi network Supply, installation, testing & commissioning Type Of Construction Floor/Wall mountedcubicle type panel 3rd Party certified as per IEC 61439-1&2 Fabricated from 14/16G CRCA sheet steel totally compartmentalized, treated for rust proofing.with separate busbar chamber & cable chambers Front & Back access for switchgears, connectors etc.Suitable for 430 V, 3 phase / 4 Wire System, 50 Hz supply  Main Control Unit/ Incomer WITH SMART IOT LINK TO GET DATA IN CLOUD  1 No63A MCCB, ,FP/TM, O/C,S/C,E/F,U/V and Shunt coils, Phase	1	No.
1.1	FOR DATA IN CLOUD, Integratable to IBMS system by Open protocol ,modbus/bacnet etc, and also by Wi-Fi network Supply, installation, testing & commissioning Type Of Construction Floor/Wall mountedcubicle type panel 3rd Party certified as per IEC 61439-1&2 Fabricated from 14/16G CRCA sheet steel totally compartmentalized, treated for rust proofing. with separate busbar chamber & cable chambers Front & Back access for switchgears, connectors etc. Suitable for 430 V, 3 phase / 4 Wire System , 50 Hz supply  Main Control Unit/ Incomer WITH SMART IoT LINK TO GET DATA IN CLOUD  1 No63A MCCB, ,FP/TM , O/C,S/C,E/F,U/V and Shunt coils , Phase reversal relay etc.,WITH SMART IoT LINK TO GET DATA IN CLOUD  Basic Event Summary and Pass/Fail Reports for IEEE 519 for Volatge and current Harmonics, 50160 Power Frequency, supply voltage indication, Supply Volatge Dips, Short and Long interuptions, Temporary Over Voltages, Voltage Unbalance and Harmonic Voltage. THD on Voltage and current harmonics with custom alarming, Indivividual Harmonics upto 63rd for current and Voltage, High Resolution waveform capture and directly from meter via FTP. Distrurbance Direction Detection, Sag/swell on any volatge , current channel.	1	No.
1.1	FOR DATA IN CLOUD, Integratable to IBMS system by Open protocol, modbus/bacnet etc, and also by Wi-Fi network Supply, installation, testing & commissioning Type Of Construction Floor/Wall mountedcubicle type panel 3rd Party certified as per IEC 61439-1&2 Fabricated from 14/16G CRCA sheet steel totally compartmentalized, treated for rust proofing with separate busbar chamber & cable chambers Front & Back access for switchgears, connectors etc. Suitable for 430 V, 3 phase / 4 Wire System, 50 Hz supply  Main Control Unit/ Incomer WITH SMART IoT LINK TO GET DATA IN CLOUD  1 No63A MCCB, ,FP/TM, O/C,S/C,E/F,U/V and Shunt coils, Phase reversal relay etc., WITH SMART IoT LINK TO GET DATA IN CLOUD  Basic Event Summary and Pass/Fail Reports for IEEE 519 for Volatge and current Harmonics, 50160 Power Frequency, supply voltage indication, Supply Volatge Dips, Short and Long interruptions, Temporary Over Voltages, Voltage Unbalance and Harmonic Voltage. THD on Voltage and current harmonics with custom alarming, Indivividual Harmonics upto 63rd for current and Voltage, High Resolution waveform capture and directly from meter via FTP. Distrurbance Direction Detection, Sag/swell on any volatge, current channel.  Visual Indication 1-LED Based Phase indicating lamps, control RCBOs, CTs, etc.	1	No.
1.1	FOR DATA IN CLOUD, Integratable to IBMS system by Open protocol ,modbus/bacnet etc, and also by Wi-Fi network Supply, installation, testing & commissioning Type Of Construction Floor/Wall mountedcubicle type panel 3rd Party certified as per IEC 61439-1&2 Fabricated from 14/16G CRCA sheet steel totally compartmentalized, treated for rust proofing with separate busbar chamber & cable chambers Front & Back access for switchgears, connectors etc. Suitable for 430 V, 3 phase / 4 Wire System , 50 Hz supply  Main Control Unit/ Incomer WITH SMART IoT LINK TO GET DATA IN CLOUD  1 No63A MCCB, ,FP/TM, O/C,S/C,E/F,U/V and Shunt coils, Phase reversal relay etc.,WITH SMART IoT LINK TO GET DATA IN CLOUD  Basic Event Summary and Pass/Fail Reports for IEEE 519 for Volatge and current Harmonics, 50160 Power Frequency, supply voltage indication, Supply Volatge Dips, Short and Long interuptions, Temporary Over Voltages, Voltage Unbalance and Harmonic Voltage. THD on Voltage and current harmonics with custom alarming, Indivividual Harmonics upto 63rd for current and Voltage, High Resolution waveform capture and directly from meter via FTP. Distrurbance Direction Detection, Sag/swell on any volatge, current channel.  Visual Indication 1-LED Based Phase indicating lamps, control RCBOs, CTs, etc.	1	No.
1.1	FOR DATA IN CLOUD, Integratable to IBMS system by Open protocol ,modbus/bacnet etc, and also by Wi-Fi network Supply, installation, testing & commissioning Type Of Construction Floor/Wall mountedcubicle type panel 3rd Party certified as per IEC 61439-1&2 Fabricated from 14/16G CRCA sheet steel totally compartmentalized, treated for rust proofing, with separate busbar chamber & cable chambers Front & Back access for switchgears, connectors etc. Suitable for 430 V, 3 phase / 4 Wire System , 50 Hz supply  Main Control Unit/ Incomer WITH SMART IoT LINK TO GET DATA IN CLOUD  1 No63A MCCB, ,FP/TM , O/C,S/C,E/F,U/V and Shunt coils , Phase reversal relay etc.,WITH SMART IoT LINK TO GET DATA IN CLOUD  Basic Event Summary and Pass/Fail Reports for IEEE 519 for Volatge and current Harmonics, 50160 Power Frequency, supply voltage indication, Supply Volatge Dips, Short and Long interuptions, Temporary Over Voltages, Voltage Unbalance and Harmonic Voltage. THD on Voltage and current harmonics with custom alarming, Indivividual Harmonics upto 63rd for current and Voltage, High Resolution waveform capture and directly from meter via FTP. Distrurbance Direction Detection, Sag/swell on any volatge , current channel.  Visual Indication 1-LED Based Phase indicating lamps, control RCBOs , CTs, etc.  Visual Indication 2-Set - ON/OFF/ TRIP lamps with control RCBOs Additional Controller-Set - Manual Operation Selector switch	1	No.
1.1	FOR DATA IN CLOUD, Integratable to IBMS system by Open protocol ,modbus/bacnet etc, and also by Wi-Fi network Supply, installation, testing & commissioning Type Of Construction Floor/Wall mountedcubicle type panel 3rd Party certified as per IEC 61439-1&2 Fabricated from 14/16G CRCA sheet steel totally compartmentalized, treated for rust proofing, with separate busbar chamber & cable chambers Front & Back access for switchgears, connectors etc. Suitable for 430 V, 3 phase / 4 Wire System , 50 Hz supply  Main Control Unit/ Incomer WITH SMART IOT LINK TO GET DATA IN CLOUD  1 No63A MCCB, ,FP/TM, O/C,S/C,E/F,U/V and Shunt coils, Phase reversal relay etc.,WITH SMART IOT LINK TO GET DATA IN CLOUD  Basic Event Summary and Pass/Fail Reports for IEEE 519 for Volatge and current Harmonics, 50160 Power Frequency, supply voltage indication, Supply Volatge Dips, Short and Long interuptions, Temporary Over Voltages, Voltage Unbalance and Harmonic Voltage. THD on Voltage and current harmonics with custom alarming, Indivividual Harmonics upto 63rd for current and Voltage, High Resolution waveform capture and directly from meter via FTP. Distrurbance Direction Detection, Sag/swell on any volatge, current channel.  Visual Indication 1-LED Based Phase indicating lamps, control RCBOs, CTs, etc.  Visual Indication 2-Set - ON/OFF/ TRIP lamps with control RCBOs  Additional Controller-Set - Manual Operation Selector switch		No.
1.1	FOR DATA IN CLOUD, Integratable to IBMS system by Open protocol ,modbus/bacnet etc, and also by Wi-Fi network Supply, installation, testing & commissioning Type Of Construction Floor/Wall mountedcubicle type panel 3rd Party certified as per IEC 61439-1&2 Fabricated from 14/16G CRCA sheet steel totally compartmentalized, treated for rust proofing, with separate busbar chamber & cable chambers Front & Back access for switchgears, connectors etc. Suitable for 430 V, 3 phase / 4 Wire System , 50 Hz supply  Main Control Unit/ Incomer WITH SMART IoT LINK TO GET DATA IN CLOUD  1 No63A MCCB, ,FP/TM , O/C,S/C,E/F,U/V and Shunt coils , Phase reversal relay etc.,WITH SMART IoT LINK TO GET DATA IN CLOUD  Basic Event Summary and Pass/Fail Reports for IEEE 519 for Volatge and current Harmonics, 50160 Power Frequency, supply voltage indication, Supply Volatge Dips, Short and Long interuptions, Temporary Over Voltages, Voltage Unbalance and Harmonic Voltage. THD on Voltage and current harmonics with custom alarming, Indivividual Harmonics upto 63rd for current and Voltage, High Resolution waveform capture and directly from meter via FTP. Distrurbance Direction Detection, Sag/swell on any volatge , current channel.  Visual Indication 1-LED Based Phase indicating lamps, control RCBOs , CTs, etc.  Visual Indication 2-Set - ON/OFF/ TRIP lamps with control RCBOs Additional Controller-Set - Manual Operation Selector switch	1	No.

	RCBOs shall be suitable for field-fittable Protection auxiliaries (viz. Overvoltage release, Under-voltage release, Shunt trip) and Indication Auxiliaries (like Auxiliary Contact, Trip alarm contact). The circuit breakers shall be communication ready to indicate the status of the device (On/Off/Trip), Number of On/Off cycles and Number of Tripping over universally open Modbus and Ethernet (TCP IP) protocol so as to have seamless connectivity with any Energy and Building Management System. In addition the circuit breaker should be able to communicate through GSM module the status of the device (On/Off/Trip) through mobile phone.  32A TPN RCBO,10KA - 1NOS. (UPS POWER)		
	25A TPN RCBO, 10KA - 2 NOS.(SPARE)	-	
		-	
	32A TPN RCBO, 10KA - 1 NOS.(SPARE)		
1.2	2ND FLOOR (AB WING) UPS POWER DISTRIBUTION PANEL SMART DB FOR DATA IN CLOUD, Integratable to IBMS system by Open protocol, modbus/bacnet etc, and also by Wi-Fi network Supply, installation, testing & commissioning Type Of Construction Floor/Wall mountedcubicle type panel 3rd Party certified as per IEC 61439-1&2 Fabricated from 14/16G CRCA sheet steel totally compartmentalized, treated for rust proofing.with separate busbar chamber & cable chambers Front & Back access for switchgears, connectors etc. Suitable for 430 V, 3 phase / 4 Wire System, 50 Hz supply	1	No.
	Main Control Unit/ Incomer WITH SMART IOT LINK TO GET DATA IN		
	CLOUD  1 No63A MCCB, ,FP/TM, O/C,S/C,E/F,U/V and Shunt coils, Phase reversal relay etc.,WITH SMART IoT LINK TO GET DATA IN CLOUD		
	Basic Event Summary and Pass/Fail Reports for IEEE 519 for Volatge and current Harmonics, 50160 Power Frequency, supply voltage indication, Supply Volatge Dips, Short and Long interuptions, Temporary Over Voltages, Voltage Unbalance and Harmonic Voltage. THD on Voltage and current harmonics with custom alarming, Indivividual Harmonics upto 63rd for current and Voltage, High Resolution waveform capture and directly from meter via FTP. Distrurbance Direction Detection, Sag/swell on any volatge, current channel.		
	Visual Indication 1-LED Based Phase indicating lamps, control RCBOs,		
	CTs, etc.	_	
	Visual Indication 2-Set - ON/OFF/ TRIP lamps with control RCBOs	_	
	Additional Controller-Set - Manual Operation Selector switch		
	Signal Relayer-Potential Free Contacts for Remote Monitoring		
	Potential Bus/Busbar: set -63A TPN,Aluminum BUSBAR		
	OUTGOING WITH SMART IOT LINK TO GET DATA IN CLOUD		
	RCBOs shall be suitable for field-fittable Protection auxiliaries (viz. Overvoltage release, Under-voltage release, Shunt trip) and Indication Auxiliaries (like Auxiliary Contact, Trip alarm contact). The circuit breakers shall be communication ready to indicate the status of the device (On/Off/Trip), Number of On/Off cycles and Number of Tripping over universally open Modbus and Ethernet (TCP IP) protocol so as to have seamless connectivity with any Energy and Building Management System. In addition the circuit breaker should be able to communicate through GSM module the status of the device (On/Off/Trip) through mobile phone.		
	25A TPN RCBO,10KA - 6NOS. (UPS POWER)	-	
	25A TPN RCBO, 10KA - 3 NOS.(SPARE)		
		1	

	RD FLOOR (AB WING) UPS POWER DISTRIBUTION PANEL SMART	1	No.
	B FOR DATA IN CLOUD, Integratable to IBMS system by Open		
	otocol ,modbus/bacnet etc, and also by Wi-Fi network Supply,		
	stallation, testing & commissioning Type Of Construction Floor/Wall		
	ountedcubicle type panel 3rd Party certified as per IEC 61439-1&2 bricated from 14/16G CRCA sheet steel totally compartmentalized,		
I	eated for rust proofing with separate busbar chamber & cable chambers		
	ont & Back access for switchgears, connectors etc. Suitable for 430 V, 3		
	plase / 4 Wire System, 50 Hz supply		
Ma	ain Control Unit/ Incomer WITH SMART IOT LINK TO GET DATA IN		
	No63A MCCB, ,FP/TM , O/C,S/C,E/F,U/V and Shunt coils , Phase		
	versal relay etc., WITH SMART IoT LINK TO GET DATA IN CLOUD		
	asic Event Summary and Pass/Fail Reports for IEEE 519 for Volatge		
	d current Harmonics, 50160 Power Frequency, supply voltage		
	dication, Supply Volatge Dips, Short and Long interuptions, Temporary ver Voltages, Voltage Unbalance and Harmonic Voltage. THD on Voltage		
	d current harmonics with custom alarming, Indivividual Harmonics		
up	oto 63rd for current and Voltage, High Resolution waveform capture and		
	rectly from meter via FTP. Distrurbance Direction Detection, Sag/swell		
	any volatge , current channel.		
СТ	sual Indication 1-LED Based Phase indicating lamps, control RCBOs, Ss, etc.		
	sual Indication 2-Set - ON/OFF/ TRIP lamps with control RCBOs		
	Iditional Controller-Set - Manual Operation Selector switch		
	gnal Relayer-Potential Free Contacts for Remote Monitoring		
	otential Bus/Busbar: set -63A TPN,Aluminum BUSBAR		
	UTGOING WITH SMART IOT LINK TO GET DATA IN CLOUD		
	CBOs shall be suitable for field-fittable Protection auxiliaries (viz. Over-		
	ltage release, Under-voltage release, Shunt trip) and Indication		
	exiliaries (like Auxiliary Contact, Trip alarm contact). The circuit		
	eakers shall be communication ready to indicate the status of the		
	vice (On/Off/Trip), Number of On/Off cycles and Number of Tripping		
	er universally open Modbus and Ethernet (TCP IP) protocol so as to		
	we seamless connectivity with any Energy and Building Management		
	rstem. In addition the circuit breaker should be able to communicate rough GSM module the status of the device (On/Off/Trip) through		
I	obile phone.		
	FA TPN RCBO,10KA - 6NOS. (UPS POWER)		
1		1	i
25	SA TPN RCBO, 10KA - 3 NOS.(SPARE)		
41	TH FLOOR (AB WING) UPS POWER DISTRIBUTION PANEL SMART	1	No.
41 DI	TH FLOOR (AB WING) UPS POWER DISTRIBUTION PANEL SMART  B FOR DATA IN CLOUD, Integratable to IBMS system by Open	1	No.
4T DI pr	TH FLOOR (AB WING) UPS POWER DISTRIBUTION PANEL SMART B FOR DATA IN CLOUD, Integratable to IBMS system by Open otocol, modbus/bacnet etc, and also by Wi-Fi network Supply,	1	No.
41 DI pr	TH FLOOR (AB WING) UPS POWER DISTRIBUTION PANEL SMART B FOR DATA IN CLOUD, Integratable to IBMS system by Open otocol, modbus/bacnet etc, and also by Wi-Fi network Supply, stallation, testing & commissioning Type Of Construction Floor/Wall	1	No.
41 DE pr ins	TH FLOOR (AB WING) UPS POWER DISTRIBUTION PANEL SMART B FOR DATA IN CLOUD, Integratable to IBMS system by Open otocol, modbus/bacnet etc, and also by Wi-Fi network Supply, stallation, testing & commissioning Type Of Construction Floor/Wall bounted cubicle type panel 3rd Party certified as per IEC 61439-1&2	1	No.
41 DE pr ins mo	TH FLOOR (AB WING) UPS POWER DISTRIBUTION PANEL SMART B FOR DATA IN CLOUD, Integratable to IBMS system by Open otocol, modbus/bacnet etc, and also by Wi-Fi network Supply, stallation, testing & commissioning Type Of Construction Floor/Wall punted cubicle type panel 3rd Party certified as per IEC 61439-1&2 abricated from 14/16G CRCA sheet steel totally compartmentalized,	1	No.
4T DI pr ins mo Fa tre	TH FLOOR (AB WING) UPS POWER DISTRIBUTION PANEL SMART B FOR DATA IN CLOUD, Integratable to IBMS system by Open otocol, modbus/bacnet etc, and also by Wi-Fi network Supply, stallation, testing & commissioning Type Of Construction Floor/Wall bounted cubicle type panel 3rd Party certified as per IEC 61439-1&2 abricated from 14/16G CRCA sheet steel totally compartmentalized, eated for rust proofing. with separate busbar chamber & cable chambers	1	No.
4T DE pr ins mo Fa tre	TH FLOOR (AB WING) UPS POWER DISTRIBUTION PANEL SMART B FOR DATA IN CLOUD, Integratable to IBMS system by Open otocol, modbus/bacnet etc, and also by Wi-Fi network Supply, stallation, testing & commissioning Type Of Construction Floor/Wall bounted cubicle type panel 3rd Party certified as per IEC 61439-1&2 abricated from 14/16G CRCA sheet steel totally compartmentalized, eated for rust proofing, with separate busbar chamber & cable chambers ont & Back access for switchgears, connectors etc. Suitable for 430 V, 3	1	No.
41 DE pr ins mo Fa tre Fr	TH FLOOR (AB WING) UPS POWER DISTRIBUTION PANEL SMART B FOR DATA IN CLOUD, Integratable to IBMS system by Open otocol, modbus/bacnet etc, and also by Wi-Fi network Supply, stallation, testing & commissioning Type Of Construction Floor/Wall ounted cubicle type panel 3rd Party certified as per IEC 61439-1&2 abricated from 14/16G CRCA sheet steel totally compartmentalized, eated for rust proofing. with separate busbar chamber & cable chambers ont & Back access for switchgears, connectors etc. Suitable for 430 V, 3 hase / 4 Wire System, 50 Hz supply	1	No.
47 DI pr ins mo Fa tre Fr ph	TH FLOOR (AB WING) UPS POWER DISTRIBUTION PANEL SMART B FOR DATA IN CLOUD, Integratable to IBMS system by Open otocol, modbus/bacnet etc, and also by Wi-Fi network.— Supply, stallation, testing & commissioning Type Of Construction Floor/Wall bunted cubicle type panel 3rd Party certified as per IEC 61439-1&2 abricated from 14/16G CRCA sheet steel totally compartmentalized, eated for rust proofing, with separate busbar chamber & cable chambers ont & Back access for switchgears, connectors etc. Suitable for 430 V, 3 mase / 4 Wire System, 50 Hz supply ain Control Unit/ Incomer WITH SMART IOT LINK TO GET DATA IN	1	No.
47 DI pr ins mo Fa tre Fr ph Ma	TH FLOOR (AB WING) UPS POWER DISTRIBUTION PANEL SMART B FOR DATA IN CLOUD, Integratable to IBMS system by Open otocol, modbus/bacnet etc, and also by Wi-Fi network Supply, stallation, testing & commissioning Type Of Construction Floor/Wall ounted cubicle type panel 3rd Party certified as per IEC 61439-1&2 abricated from 14/16G CRCA sheet steel totally compartmentalized, eated for rust proofing. with separate busbar chamber & cable chambers ont & Back access for switchgears, connectors etc. Suitable for 430 V, 3 hase / 4 Wire System, 50 Hz supply	1	No.

indica Over V and cu upto 6 directl on any	Event Summary and Pass/Fail Reports for IEEE 519 for Volatge arrent Harmonics, 50160 Power Frequency, supply voltage cion, Supply Volatge Dips, Short and Long interuptions, Temporary Yoltages, Voltage Unbalance and Harmonic Voltage. THD on Voltage arrent harmonics with custom alarming, Indivividual Harmonics 3rd for current and Voltage, High Resolution waveform capture and y from meter via FTP. Distrurbance Direction Detection, Sag/swell volatge, current channel.  Indication 1-LED Based Phase indicating lamps, control RCBOs,	
CTs, e	tc.	
	Indication 2-Set - ON/OFF/ TRIP lamps with control RCBOs onal Controller-Set - Manual Operation Selector switch	
	Relayer-Potential Free Contacts for Remote Monitoring	
	tial Bus/Busbar: set -63A TPN,Aluminum BUSBAR	
	OING WITH SMART IOT LINK TO GET DATA IN CLOUD	
voltage Auxilia breake device over u have s Syster throug	s shall be suitable for field-fittable Protection auxiliaries (viz. Overerlease, Under-voltage release, Shunt trip) and Indication uries (like Auxiliary Contact, Trip alarm contact). The circuit ers shall be communication ready to indicate the status of the (On/Off/Trip), Number of On/Off cycles and Number of Tripping niversally open Modbus and Ethernet (TCP IP) protocol so as to eamless connectivity with any Energy and Building Management In. In addition the circuit breaker should be able to communicate the GSM module the status of the device (On/Off/Trip) through phone.	
25A T	PN RCBO,10KA - 5NOS. (UPS POWER)	
25A T	PN RCBO, 10KA - 3 NOS.(SPARE)	No.
install mount Fabric treated	R DATA IN CLOUD,Integratable to IBMS system by Open col,modbus/bacnet etc, and also by Wi-Fi network Supply, ation,testing & commissioning Type Of Construction Floor/Wall ed cubicle type panel 3rd Party certified as per IEC 61439-1&2 ated from 14/16G CRCA sheet steel totally compartmentalized,	
main CLOU	63A MCCB, ,FP/TM , O/C,S/C,E/F,U/V and Shunt coils , Phase al relay etc.,WITH SMART IoT LINK TO GET DATA IN CLOUD	
phase Main CLOU  1 No. revers  Basic and cu indica Over V and cu upto 6 directl on any Visual CTs, e	& Back access for switchgears, connectors etc. Suitable for 430 V, 3  / 4 Wire System, 50 Hz supply  Control Unit/ Incomer WITH SMART IoT LINK TO GET DATA IN  63A MCCB, ,FP/TM, O/C,S/C,E/F,U/V and Shunt coils, Phase al relay etc.,WITH SMART IoT LINK TO GET DATA IN CLOUD  Event Summary and Pass/Fail Reports for IEEE 519 for Volatge arrent Harmonics, 50160 Power Frequency, supply voltage cion, Supply Volatge Dips, Short and Long interuptions, Temporary voltages, Voltage Unbalance and Harmonic Voltage. THD on Voltage arrent harmonics with custom alarming, Indivividual Harmonics and for current and Voltage, High Resolution waveform capture and by from meter via FTP. Distrurbance Direction Detection, Sag/swell a volatge, current channel.  Indication 1-LED Based Phase indicating lamps, control RCBOs, tc.	
phase Main CLOU  1 No. revers  Basic and cu indica Over V and cu upto 6 directl on any Visual CTs, e	& Back access for switchgears, connectors etc. Suitable for 430 V, 3  / 4 Wire System, 50 Hz supply  Control Unit/ Incomer WITH SMART IoT LINK TO GET DATA IN  163A MCCB, ,FP/TM, O/C,S/C,E/F,U/V and Shunt coils, Phase all relay etc.,WITH SMART IoT LINK TO GET DATA IN CLOUD  Event Summary and Pass/Fail Reports for IEEE 519 for Volatge arrent Harmonics, 50160 Power Frequency, supply voltage cion, Supply Volatge Dips, Short and Long interuptions, Temporary voltages, Voltage Unbalance and Harmonic Voltage. THD on Voltage arrent harmonics with custom alarming, Indivividual Harmonics 3rd for current and Voltage, High Resolution waveform capture and by from meter via FTP. Distrurbance Direction Detection, Sag/swell volatge, current channel.  Indication 1-LED Based Phase indicating lamps, control RCBOs, tec.  Indication 2-Set - ON/OFF/ TRIP lamps with control RCBOs	
phase Main CLOU  1 No. revers  Basic and cu indica Over V and cu upto 6 directl on any Visual CTs, e Visual Additi	& Back access for switchgears, connectors etc. Suitable for 430 V, 3  / 4 Wire System, 50 Hz supply  Control Unit/ Incomer WITH SMART IoT LINK TO GET DATA IN  63A MCCB, ,FP/TM, O/C,S/C,E/F,U/V and Shunt coils, Phase al relay etc.,WITH SMART IoT LINK TO GET DATA IN CLOUD  Event Summary and Pass/Fail Reports for IEEE 519 for Volatge arrent Harmonics, 50160 Power Frequency, supply voltage cion, Supply Volatge Dips, Short and Long interuptions, Temporary voltages, Voltage Unbalance and Harmonic Voltage. THD on Voltage arrent harmonics with custom alarming, Indivividual Harmonics and for current and Voltage, High Resolution waveform capture and by from meter via FTP. Distrurbance Direction Detection, Sag/swell a volatge, current channel.  Indication 1-LED Based Phase indicating lamps, control RCBOs, tc.	

	RCBOs shall be suitable for field-fittable Protection auxiliaries (viz. Overvoltage release, Under-voltage release, Shunt trip) and Indication Auxiliaries (like Auxiliary Contact, Trip alarm contact). The circuit breakers shall be communication ready to indicate the status of the device (On/Off/Trip), Number of On/Off cycles and Number of Tripping over universally open Modbus and Ethernet (TCP IP) protocol so as to have seamless connectivity with any Energy and Building Management System. In addition the circuit breaker should be able to communicate through GSM module the status of the device (On/Off/Trip) through mobile phone.  25A TPN RCBO, 10KA - 6NOS. (UPS POWER)	
	25A TPN RCBO, 10KA - 3 NOS.(SPARE)	
1.6	6TH LOWER FLOOR (AB WING) UPS POWER DISTRIBUTION PANEL SMART DB FOR DATA IN CLOUD, Integratable to IBMS system by Open protocol ,modbus/bacnet etc, and also by Wi-Fi network-Supply, installation, testing & commissioning Type Of Construction Floor/Wall mounted cubicle type panel 3rd Party certified as per IEC 61439-1&2 Fabricated from 14/16G CRCA sheet steel totally compartmentalized, treated for rust proofing, with separate busbar chamber & cable chambers Front & Back access for switchgears, connectors etc. Suitable for 430 V, 3 phase / 4 Wire System, 50 Hz supply  Main Control Unit/ Incomer WITH SMART IOT LINK TO GET DATA IN CLOUD  1 No80A MCCB, ,FP/TM, O/C,S/C,E/F,U/V and Shunt coils, Phase reversal relay etc.,WITH SMART IoT LINK TO GET DATA IN CLOUD  Basic Event Summary and Pass/Fail Reports for IEEE 519 for Volatge and current Harmonics, 50160 Power Frequency, supply voltage indication, Supply Volatge Dips, Short and Long interuptions, Temporary Over Voltages, Voltage Unbalance and Harmonic Voltage. THD on Voltage and current harmonics with custom alarming, Indivividual Harmonics upto 63rd for current and Voltage, High Resolution waveform capture and directly from meter via FTP. Distrurbance Direction Detection, Sag/swell on any volatge, current channel.  Visual Indication 1-LED Based Phase indicating lamps, control RCBOs, CTs, etc.  Visual Indication 2-Set - ON/OFF/ TRIP lamps with control RCBOs  Additional Controller-Set - Manual Operation Selector switch	No.
	Signal Relayer-Potential Free Contacts for Remote Monitoring	
	Potential Bus/Busbar: set -80A TPN, Aluminum BUSBAR	
	RCBOs shall be suitable for field-fittable Protection auxiliaries (viz. Overvoltage release, Under-voltage release, Shunt trip) and Indication Auxiliaries (like Auxiliary Contact, Trip alarm contact). The circuit breakers shall be communication ready to indicate the status of the device (On/Off/Trip), Number of On/Off cycles and Number of Tripping over universally open Modbus and Ethernet (TCP IP) protocol so as to have seamless connectivity with any Energy and Building Management System. In addition the circuit breaker should be able to communicate through GSM module the status of the device (On/Off/Trip) through mobile phone.	
	25A TPN RCBO,10KA - 6NOS. (UPS POWER)	
	32A TPN RCBO,10KA - 2NOS. (UPS POWER)	
	25A TPN RCBO, 10KA - 2 NOS.(SPARE)	
	32A TPN RCBO, 10KA - 1 NOS.(SPARE)	

1.7	6TH UPPER FLOOR (AB WING) UPS POWER DISTRIBUTION PANEL	1	No.
1.7	SMART DB FOR DATA IN CLOUD, Integratable to IBMS system by	1	INO.
	Open protocol ,modbus/bacnet etc, and also by Wi-Fi network		
	Supply, installation, testing & commissioning Type Of Construction		
	Floor/Wall mounted cubicle type panel 3rd Party certified as per IEC		
	61439-1&2 Fabricated from 14/16G CRCA sheet steel totally		
	compartmentalized, treated for rust proofing with separate busbar		
	chamber & cable chambers Front & Back access for switchgears, connectors etc.Suitable for 430 V, 3 phase / 4 Wire System, 50 Hz		
	supply		
	Main Control Unit/ Incomer WITH SMART IOT LINK TO GET DATA IN	-	
	CLOUD	-	
	1 No63A MCCB, ,FP/TM, O/C,S/C,E/F,U/V and Shunt coils, Phase reversal relay etc.,WITH SMART IOT LINK TO GET DATA IN CLOUD		
	Basic Event Summary and Pass/Fail Reports for IEEE 519 for Volatge		
	and current Harmonics, 50160 Power Frequency, supply voltage		
	indication, Supply Volatge Dips, Short and Long interuptions, Temporary		
	Over Voltages, Voltage Unbalance and Harmonic Voltage. THD on Voltage and current harmonics with custom alarming, Indivividual Harmonics		
	upto 63rd for current and Voltage, High Resolution waveform capture and		
	directly from meter via FTP. Distrurbance Direction Detection, Sag/swell on any volatge, current channel.		
	Visual Indication 1-LED Based Phase indicating lamps, control RCBOs, CTs, etc.		
	Visual Indication 2-Set - ON/OFF/ TRIP lamps with control RCBOs	1	
	Additional Controller-Set - Manual Operation Selector switch		
	Signal Relayer-Potential Free Contacts for Remote Monitoring		
	Potential Bus/Busbar: set -63A TPN, Aluminum BUSBAR	]	
	OUTGOING WITH SMART IOT LINK TO GET DATA IN CLOUD	1	
	RCBOs shall be suitable for field-fittable Protection auxiliaries (viz. Over-		
	voltage release, Under-voltage release, Shunt trip) and Indication		
	Auxiliaries (like Auxiliary Contact, Trip alarm contact). The circuit		
	breakers shall be communication ready to indicate the status of the		
	device (On/Off/Trip), Number of On/Off cycles and Number of Tripping over universally open Modbus and Ethernet (TCP IP) protocol so as to		
	have seamless connectivity with any Energy and Building Management		
	System. In addition the circuit breaker should be able to communicate		1
1	by otem. In addition the circuit breaker should be able to communicate		
	through GSM module the status of the device (On/Off/Trip) through		
	through GSM module the status of the device (On/Off/Trip) through mobile phone.		
	through GSM module the status of the device (On/Off/Trip) through		
	through GSM module the status of the device (On/Off/Trip) through mobile phone.		
	through GSM module the status of the device (On/Off/Trip) through mobile phone.  25A TPN RCBO,10KA - 7NOS. (UPS POWER)	-	
1	through GSM module the status of the device (On/Off/Trip) through mobile phone.  25A TPN RCBO,10KA - 7NOS. (UPS POWER)  25A TPN RCBO, 10KA - 3 NOS.(SPARE)  INVERTER DISTRIBUTION PANEL  INVERTER LIGHT DISTRIBUTION PANEL SMART DB FOR DATA IN	1	No.
1	through GSM module the status of the device (On/Off/Trip) through mobile phone.  25A TPN RCBO,10KA - 7NOS. (UPS POWER)  25A TPN RCBO, 10KA - 3 NOS.(SPARE)  INVERTER DISTRIBUTION PANEL  INVERTER LIGHT DISTRIBUTION PANEL SMART DB FOR DATA IN CLOUD,Integratable to IBMS system by Open protocol	1	No.
1	through GSM module the status of the device (On/Off/Trip) through mobile phone.  25A TPN RCBO,10KA - 7NOS. (UPS POWER)  25A TPN RCBO, 10KA - 3 NOS.(SPARE)  INVERTER DISTRIBUTION PANEL  INVERTER LIGHT DISTRIBUTION PANEL SMART DB FOR DATA IN CLOUD,Integratable to IBMS system by Open protocol, modbus/bacnet etc, and also by Wi-Fi network Supply,	1	No.
1	through GSM module the status of the device (On/Off/Trip) through mobile phone.  25A TPN RCBO,10KA - 7NOS. (UPS POWER)  25A TPN RCBO, 10KA - 3 NOS.(SPARE)  INVERTER DISTRIBUTION PANEL  INVERTER LIGHT DISTRIBUTION PANEL SMART DB FOR DATA IN CLOUD,Integratable to IBMS system by Open protocol ,modbus/bacnet etc, and also by Wi-Fi network Supply, installation,testing & commissioning Type Of Construction Floor/Wall	1	No.
1	through GSM module the status of the device (On/Off/Trip) through mobile phone.  25A TPN RCBO,10KA - 7NOS. (UPS POWER)  25A TPN RCBO, 10KA - 3 NOS.(SPARE)  INVERTER DISTRIBUTION PANEL  INVERTER LIGHT DISTRIBUTION PANEL SMART DB FOR DATA IN CLOUD,Integratable to IBMS system by Open protocol, modbus/bacnet etc, and also by Wi-Fi network Supply,	1	No.
1	through GSM module the status of the device (On/Off/Trip) through mobile phone.  25A TPN RCBO,10KA - 7NOS. (UPS POWER)  25A TPN RCBO, 10KA - 3 NOS.(SPARE)  INVERTER DISTRIBUTION PANEL  INVERTER LIGHT DISTRIBUTION PANEL SMART DB FOR DATA IN CLOUD,Integratable to IBMS system by Open protocol ,modbus/bacnet etc, and also by Wi-Fi network Supply, installation,testing & commissioning Type Of Construction Floor/Wall mounted cubicle type panel 3rd Party certified as per IEC 61439-1&2 Fabricated from 14/16G CRCA sheet steel totally compartmentalized, treated for rust proofing.with separate busbar chamber & cable chambers	1	No.
1	through GSM module the status of the device (On/Off/Trip) through mobile phone.  25A TPN RCBO,10KA - 7NOS. (UPS POWER)  25A TPN RCBO, 10KA - 3 NOS.(SPARE)  INVERTER DISTRIBUTION PANEL  INVERTER LIGHT DISTRIBUTION PANEL SMART DB FOR DATA IN CLOUD,Integratable to IBMS system by Open protocol ,modbus/bacnet etc, and also by Wi-Fi network Supply, installation,testing & commissioning Type Of Construction Floor/Wall mounted cubicle type panel 3rd Party certified as per IEC 61439-1&2 Fabricated from 14/16G CRCA sheet steel totally compartmentalized, treated for rust proofing.with separate busbar chamber & cable chambers Front & Back access for switchgears, connectors etc. Suitable for 430 V, 3	1	No.
1	through GSM module the status of the device (On/Off/Trip) through mobile phone.  25A TPN RCBO,10KA - 7NOS. (UPS POWER)  25A TPN RCBO, 10KA - 3 NOS.(SPARE)  INVERTER DISTRIBUTION PANEL  INVERTER LIGHT DISTRIBUTION PANEL SMART DB FOR DATA IN CLOUD,Integratable to IBMS system by Open protocol ,modbus/bacnet etc, and also by Wi-Fi network Supply, installation,testing & commissioning Type Of Construction Floor/Wall mounted cubicle type panel 3rd Party certified as per IEC 61439-1&2 Fabricated from 14/16G CRCA sheet steel totally compartmentalized, treated for rust proofing.with separate busbar chamber & cable chambers Front & Back access for switchgears, connectors etc.Suitable for 430 V, 3 phase / 4 Wire System , 50 Hz supply	1	No.
1	through GSM module the status of the device (On/Off/Trip) through mobile phone.  25A TPN RCBO,10KA - 7NOS. (UPS POWER)  25A TPN RCBO, 10KA - 3 NOS.(SPARE)  INVERTER DISTRIBUTION PANEL  INVERTER LIGHT DISTRIBUTION PANEL SMART DB FOR DATA IN CLOUD,Integratable to IBMS system by Open protocol ,modbus/bacnet etc, and also by Wi-Fi network Supply, installation,testing & commissioning Type Of Construction Floor/Wall mounted cubicle type panel 3rd Party certified as per IEC 61439-1&2 Fabricated from 14/16G CRCA sheet steel totally compartmentalized, treated for rust proofing.with separate busbar chamber & cable chambers Front & Back access for switchgears, connectors etc.Suitable for 430 V, 3 phase / 4 Wire System , 50 Hz supply  Main Control Unit/ Incomer WITH SMART IOT LINK TO GET DATA IN	1	No.
1	through GSM module the status of the device (On/Off/Trip) through mobile phone.  25A TPN RCBO,10KA - 7NOS. (UPS POWER)  25A TPN RCBO, 10KA - 3 NOS.(SPARE)  INVERTER DISTRIBUTION PANEL  INVERTER LIGHT DISTRIBUTION PANEL SMART DB FOR DATA IN CLOUD,Integratable to IBMS system by Open protocol ,modbus/bacnet etc, and also by Wi-Fi network Supply, installation,testing & commissioning Type Of Construction Floor/Wall mounted cubicle type panel 3rd Party certified as per IEC 61439-1&2  Fabricated from 14/16G CRCA sheet steel totally compartmentalized, treated for rust proofing.with separate busbar chamber & cable chambers Front & Back access for switchgears, connectors etc.Suitable for 430 V, 3 phase / 4 Wire System , 50 Hz supply  Main Control Unit/ Incomer WITH SMART IOT LINK TO GET DATA IN CLOUD	1	No.
1	through GSM module the status of the device (On/Off/Trip) through mobile phone.  25A TPN RCBO,10KA - 7NOS. (UPS POWER)  25A TPN RCBO, 10KA - 3 NOS.(SPARE)  INVERTER DISTRIBUTION PANEL  INVERTER LIGHT DISTRIBUTION PANEL SMART DB FOR DATA IN CLOUD,Integratable to IBMS system by Open protocol ,modbus/bacnet etc, and also by Wi-Fi network Supply, installation,testing & commissioning Type Of Construction Floor/Wall mounted cubicle type panel 3rd Party certified as per IEC 61439-1&2 Fabricated from 14/16G CRCA sheet steel totally compartmentalized, treated for rust proofing.with separate busbar chamber & cable chambers Front & Back access for switchgears, connectors etc.Suitable for 430 V, 3 phase / 4 Wire System , 50 Hz supply  Main Control Unit/ Incomer WITH SMART IOT LINK TO GET DATA IN	1	No.

Basic Event Summary and Pass/Fail Reports for IEEE 519 for Volatge and current Harmonics, 50160 Power Frequency, supply voltage indication, Supply Volatge Dips, Short and Long interuptions, Temporary Over Voltages, Voltage Unbalance and Harmonic Voltage. THD on Voltage and current harmonics with custom alarming, Indivividual Harmonics upto 63rd for current and Voltage, High Resolution waveform capture and directly from meter via FTP. Distrurbance Direction Detection, Sag/swell on any volatge, current channel.

Visual Indication 1-LED Based Phase indicating lamps, control RCBOs, CTs, etc.

Visual Indication 2-Set - ON/OFF/ TRIP lamps with control RCBOs

Additional Controller-Set - Manual Operation Selector switch

Signal Relayer-Potential Free Contacts for Remote Monitoring

### Potential Bus/Busbar: set -63A TPN, Aluminum BUSBAR

## OUTGOING WITH SMART IOT LINK TO GET DATA IN CLOUD

RCBOs shall be suitable for field-fittable Protection auxiliaries (viz. Overvoltage release, Under-voltage release, Shunt trip) and Indication Auxiliaries (like Auxiliary Contact, Trip alarm contact). The circuit breakers shall be communication ready to indicate the status of the device (On/Off/Trip), Number of On/Off cycles and Number of Tripping over universally open Modbus and Ethernet (TCP IP) protocol so as to have seamless connectivity with any Energy and Building Management System. In addition the circuit breaker should be able to communicate through GSM module the status of the device (On/Off/Trip) through mobile phone.

25A TPN RCBO,10KA - 8NOS. (EMERGENCY LIGHT DB) 25A TPN RCBO, 10KA - 3 NOS.(SPARE)

### 1.3 LIGHT.POWER, INDOOR AC, PANEL

Supply,installation, testing & commissioning etc. of LT panel **Construction-** Floor mounted cubicle type panel, 3rd Party certified as per IEC 61439-1&2 Fabricated from 14/16G CRCA ,IP52 sheet steel totally compartmentalized, treted for rust proofing. with separate busbarcamber & cable chambers Front/ back access for switchgears, connectors etc. Suitable for 430 V, 3 phase / 4 Wire System , 50 Hz

Control Unit/ Incomer- 1 No. - 2000A ACB, 25KA, FP/MP with O/C,S/C,E/F,U/V, E/L and Shunt coils etc. LED Based Phase indicating lamps, control RCBOs, CTs, etc. Set - ON/OFF/ TRIP lamps with control RCBOs Set - ON/OFF/ TRIP lamps with control RCBOs, (BMS COMPATIBLE METER)

**Potential Bus/Busbar 1 set -** 2000A TPN+E 91E Aluminium busbar, Insulated with heat shrinkable sleeves

#### Feeder section/Outgoing:

WING A BUSDUCT -1 No. -- 250A TPN MCCB 25kA, TPN /TM with O/C,S/C,E/F,

WING B BUSDUCT  $\,$  -1 No. -- 400A TPN MCCB  $\,$  25kA, TPN /MP  $\,$  with O/C,S/C,E/F  $\,$ 

WING C BUSDUCT  $\,$  -1 No. -- 250A TPN MCCB  $\,$  25kA, TPN / TM with O/C,S/C,E/F

WING D BUSDUCT  $\,$  -1 No. -- 400A TPN MCCB  $\,$  25kA, TPN / MP with O/C,S/C,E/F

BASEMENT FLOOR LIGHT PANEL -1 No. -- 32A TPN MCCB 25kA, TPN / TM with O/C,S/C,E/F

GROUND FLOOR LIGHT PANEL -1 No. -- 25A TPN MCCB 25kA, TPN / TM with O/C,S/C,E/F

BASEMENT FLOOR , POWER,INDOOR AC, PANEL  $\,$  -1 No. -- 32A TPN MCCB  $\,$  25kA, TPN / TM with O/C,S/C,E/F  $\,$ 

GROUND FLOOR ,POWER,INDOOR AC, PANEL -1 No. -- 125A TPN MCCB 25kA, TPN / TM with O/C,S/C,E/F

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No.

win   UF   O   O   O   O   O   O   O   O   O	O KVA INVERTER LIGHT DB -1 No 63A TPN MCCB 25kA, TPN / TM ith O/C,S/C,E/F  PS INCOMING PANEL -1 No 800A TPN ACB 25kA, TPN / MP with /C,S/C,E/F  PARE - 1 Nos - 200A TPN MCCB 25KA TPN / TM with O/C,S/C,E/F  PARE - 1 Nos - 400A TPN MCCB 25KA TPN / MP with O/C,S/C,E/F  PARE - 1 Nos - 630A TPN MCCB 25KA TPN / MP with O/C,S/C,E/F  PARE - 1 Nos - 630A TPN MCCB 25KA TPN / MP with O/C,S/C,E/F  PARE - 1 Nos - 63 TPN MCCB 25KA TPN / MP with O/C,S/C,E/F  PARE - 1 Nos - 63 TPN MCCB 25KA TPN / MP with O/C,S/C,E/F  Is directed by Engineer in charge, Make - SCHNEIDER / LEGRAND/  IEMENS / L&T / HAVELLS/DB ELECTRICALS/PRATIK SYSTEMS  ITERNAL COMMON AREA WORK  IRE / POINT WIRING :-Make (WIRE) - RR / FINOLEX / ANCHOR / OLYCAB / HAVELS //BONTONMake (CONDUIT) - BEC / VIMCO / INDAL  Iring for circuit/ submain wiring along with earth wire with the		
UF O/O	PS INCOMING PANEL -1 No 800A TPN ACB 25kA, TPN / MP with /C,S/C,E/F PARE - 1 Nos - 200A TPN MCCB 25KA TPN / TM with O/C,S/C,E/F PARE - 1 Nos - 400A TPN MCCB 25KA TPN / MP with O/C,S/C,E/F PARE - 1 Nos - 630A TPN MCCB 25KA TPN / MP with O/C,S/C,E/F PARE - 1 Nos - 630A TPN MCCB 25KA TPN / MP with O/C,S/C,E/F PARE - 1 Nos - 125A TPN MCCB 25KA TPN / MP with O/C,S/C,E/F PARE - 1 Nos - 63 TPN MCCB 25KA TPN / MP with O/C,S/C,E/F S directed by Engineer in charge, Make - SCHNEIDER / LEGRAND/ IEMENS / L&T / HAVELLS/DB ELECTRICALS/PRATIK SYSTEMS ITERNAL COMMON AREA WORK ITER / POINT WIRING :-Make (WIRE) - RR / FINOLEX / ANCHOR / OLYCAB / HAVELS //BONTONMake (CONDUIT) - BEC / VIMCO / INDAL Tring for circuit/ submain wiring along with earth wire with the		
SP   SP   SP   SP   SP   As   SII	PARE - 1 Nos - 200A TPN MCCB 25KA TPN / TM with O/C,S/C,E/F PARE - 1 Nos - 400A TPN MCCB 25KA TPN / MP with O/C,S/C,E/F PARE - 1 Nos - 630A TPN MCCB 25KA TPN / MP with O/C,S/C,E/F PARE - 1 Nos - 125A TPN MCCB 25KA TPN / MP with O/C,S/C,E/F PARE - 1 Nos - 63 TPN MCCB 25KA TPN / MP with O/C,S/C,E/F S directed by Engineer in charge, Make - SCHNEIDER / LEGRAND/ IEMENS / L&T / HAVELLS/DB ELECTRICALS/PRATIK SYSTEMS ITERNAL COMMON AREA WORK IRE / POINT WIRING :-Make (WIRE) - RR / FINOLEX / ANCHOR / OLYCAB / HAVELS //BONTONMake (CONDUIT) - BEC / VIMCO / INDAL Tring for circuit/ submain wiring along with earth wire with the		
SP SP SP SP As SIII A.3 IN PC JII Wi foll	PARE - 1 Nos - 630A TPN MCCB 25KA TPN / MP with O/C,S/C,E/F PARE - 1 Nos - 125A TPN MCCB 25KA TPN / MP with O/C,S/C,E/F PARE - 1 Nos - 63 TPN MCCB 25KA TPN / MP with O/C,S/C,E/F PARE - 1 Nos - 63 TPN MCCB 25KA TPN / MP with O/C,S/C,E/F PARE - 1 Nos - 63 TPN MCCB 25KA TPN / MP with O/C,S/C,E/F PARE - 1 Nos - 63 TPN MCCB 25KA TPN / MP with O/C,S/C,E/F PARE - 1 Nos - 63 TPN MCCB 25KA TPN / MP with O/C,S/C,E/F PARE - 1 Nos - 63 TPN MCCB 25KA TPN / MP with O/C,S/C,E/F PARE - 1 Nos - 125A TPN MCCB 25KA TPN / MP with O/C,S/C,E/F PARE - 1 Nos - 125		
A.3 IN VI PC JII Vi fol	PARE - 1 Nos - 125A TPN MCCB 25KA TPN / MP with O/C,S/C,E/F PARE - 1 Nos - 63 TPN MCCB 25KA TPN / MP with O/C,S/C,E/F s directed by Engineer in charge, Make - SCHNEIDER / LEGRAND/ IEMENS / L&T / HAVELLS/DB ELECTRICALS/PRATIK SYSTEMS ITERNAL COMMON AREA WORK IRE / POINT WIRING :-Make (WIRE) - RR / FINOLEX / ANCHOR / OLYCAB / HAVELS //BONTONMake (CONDUIT) - BEC / VIMCO / INDAL Tring for circuit/ submain wiring along with earth wire with the		
A.3 IN VI PC JII Vi fol	PARE - 1 Nos - 63 TPN MCCB 25KA TPN / MP with O/C,S/C,E/F s directed by Engineer in charge, Make - SCHNEIDER / LEGRAND/ IEMENS / L&T / HAVELLS/DB ELECTRICALS/PRATIK SYSTEMS ITERNAL COMMON AREA WORK IRE / POINT WIRING :-Make (WIRE) - RR / FINOLEX / ANCHOR / OLYCAB / HAVELS //BONTONMake (CONDUIT) - BEC / VIMCO / INDAL Iring for circuit/ submain wiring along with earth wire with the		
A.3 IN 1.3 WI PC JII Wi fol	is directed by Engineer in charge, Make - SCHNEIDER / LEGRAND/ IEMENS / L&T / HAVELLS/DB ELECTRICALS/PRATIK SYSTEMS ITERNAL COMMON AREA WORK IRE / POINT WIRING :-Make (WIRE) - RR / FINOLEX / ANCHOR / OLYCAB / HAVELS //BONTONMake (CONDUIT) - BEC / VIMCO / INDAL Iring for circuit/ submain wiring along with earth wire with the		
A.3 IN VI PC JII Wi follows	IEMENS / L&T / HAVELLS/DB ELECTRICALS/PRATIK SYSTEMS  ITERNAL COMMON AREA WORK  IRE / POINT WIRING :-Make (WIRE) - RR / FINOLEX / ANCHOR / OLYCAB / HAVELS //BONTONMake (CONDUIT) - BEC / VIMCO / INDAL  Tiring for circuit/ submain wiring along with earth wire with the		
1.3 WI PO JII Wi fol	TRE / POINT WIRING :-Make (WIRE) - RR / FINOLEX / ANCHOR / OLYCAB / HAVELS //BONTONMake (CONDUIT) - BEC / VIMCO / INDAL  Tiring for circuit/ submain wiring along with earth wire with the		
PC JII Wi fol	OLYCAB / HAVELS //BONTONMake (CONDUIT) - BEC / VIMCO / INDAL  Tring for circuit/ submain wiring along with earth wire with the		
fol			
En <b>M</b> a	llowing sizes of LSZH /ZHFR/HFFR insulated copper conductor wire in urface/ recessed hot dipped GI conduit as required. As directed by ngineer in charge (ake (WIRE) - RR / FINOLEX / ANCHOR / POLYCAB / HAVELS (ake (CONDUIT) - BEC / VIMCO / JINDAL		
	X 1.5 sq. mm + 1 X 1.5 sq. mm earth wire in provided conduit	25360	M
	X 2.5 sq. mm + 1 X 2.5 sq. mm earth wire in provided conduit onduit	15056	M
1.3.6 2 2	X 4 sq. mm + 1 X 4 sq. mm earth wire in provided conduit	3300	M
1.5	upplying & erecting mains with 2x1.5 sq.mm. and earth wire .5 sq.mm LSZH /ZHFR/HFFR copper wire, in existing	49544	M
	aceways/conduit As directed by Engineer in charge. <b>Make</b> - RR / INOLEX / POLYCAB / HAVELLS		
1.3.8 Su 1.3.8 rad	upplying & erecting mains with <b>2x2.5 sq.mm. and earth wire .5 sq.mm</b> LSZH /ZHFR/HFFR copper wire in existing aceways/conduit As directed by Engineer in charge. <b>Make</b> - RR / INOLEX / POLYCAB / HAVELLS	50149	M
1.3.9 Su	upplying & erecting mains with <b>2x4 sq.mm. and earth wire .5 sq.mm</b> LSZH /ZHFR/HFFR copper wire in existing	5500	M
rac	iceways/conduit, As directed by Engineer in charge. <b>Make</b> - RR /		
	OTAL OF WIRE / POINT WIRING		
1.3a HI	DPE PIPE/CONDUIT:-		
un	upply & laying I.S.I. mark 'B' class GI Pipe for surface / nder ground cable protection As directed by Engineer in charge <b>Make</b> - EC / VIMCO / JINDAL		
1.3.21 20	0 mm dia.	25000	RMtr.
1.3.22 25	5 mm dia.	25000	RMtr.
A.4 LIC	GHTING FIXTURE		
1.1 IN	IDOOR TUBE LIGHT		
NF	EW LIGHTS ADDED		

1.6.3	Supplying and erecting LED square / circular Max. 7W down lighter/	586	Each
	Panel Light Dimmable having pressure die-cast aluminium housing, polystyrene diffuser having system lumens output of Min. 770 Lumens, min. efficacy of 110 lumen/W,		
	CRI>80, CCT upto 6500K, Beam Angle of 120 deg., max. ripple of 5%, THD<10%, p.f. >0.95, operating range of 120-270V, surge protection of 2.5 kV,		
	Life class of 50,000 Hrs. at L70B50, including driver, having mounting arrangement with board for surface type or spring loaded mounting clips complete with 3 years warranty. As directed by Engineer in charge.  Make- SURYA ELECTRICALS / PHILIPS / BAJAJ / HAVELLS / PANASONIC / WIPRO		
1.6.4	Supplying and erecting <b>LED square / circular Max. 18 W down lighter/ Panel Light Dimmable</b> having pressure die-cast aluminium housing, polystyrene diffuser having system lumens output of Min. 2000 Lumens, min. efficacy of 110 lumen/W, CRI>80, CCT upto 6500K, Beam Angle of 120 deg., max. ripple of 5%, THD<10%, p.f. >0.95, operating range of 120-270V, surge protection of 2.5 kV, Life class of 50,000 Hrs. at L70B50, including driver, having mounting arrangement with board for surface type or spring loaded mounting clips complete with 3 years warranty. As directed by Engineer in charge. <b>Make</b> -SURYA ELECTRICALS / PHILIPS / BAJAJ /HAVELLS / PANASONIC / WIPRO	40	Each
1.6.5	Supplying and erecting <b>LED square / circular Max. 18 W down lighter/EXTERIOR GRADE</b> Panel Light having pressure die-cast aluminium housing, polystyrene diffuserhaving system lumens output of Min. 2000 Lumens, min. efficacy of 110lumen/W, CRI>80, CCT upto 6500K, Beam Angle of 120 deg., max. ripple of5%, THD<10%, p.f. >0.95, operating range of 120-270V, surge protection of2.5 kV, Life class of 50,000 Hrs. at L70B50, including driver, having mountingarrangement with board for surface type or spring loaded mounting clipscomplete with 3 years warranty. As directed by Engineer in charge. <b>Make</b> - SURYA ELECTRICALS / PHILIPS / BAJAJ /HAVELLS / PANASONIC / WIPRO	278	Each
1.6.6	Supplying and erecting <b>LED square / circular Max. 7W down lighter/ Panel Light Exterior grade</b> having pressure die-cast aluminium housing, polystyrene diffuser having system lumens output of Min. 770 Lumens, min. efficacy of 110 lumen/W, CRI>80, CCT upto 6500K, Beam Angle of 120 deg., max. ripple of 5%, THD<10%, p.f. >0.95, operating range of 120-270V, surge protection of 2.5 kV, Life class of 50,000 Hrs. at L70B50, including driver, having mounting arrangement with board for surface type or spring loaded mounting clips complete with 3 years warranty. As directed by Engineer in charge. <b>Make</b> - SURYA ELECTRICALS / PHILIPS / BAJAJ / HAVELLS / PANASONIC / WIPRO	234	Each

1.6.7

Supplying and erecting LED Profile light of Size 2450x50 mm app. 80 Light having powder coated aluminium housing, polystyrene diffuser

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having system lumens output of Min. 800 Lumens, min. efficacy of 100 lumen/W.

CRI>80, CCT upto 6500K, Beam Angle of 120 deg., max. ripple of 5%. THD<10%, p.f. >0.95, operating range of 120-270V, surge protection of

Life class of 50,000 Hrs. at L70B50, including driver, having mounting arrangement with board for surface type or spring loaded mounting clips complete with 3 years warranty. As directed by Engineer in charge. Make- SURYA ELECTRICALS / PHILIPS / BAJAJ / HAVELLS / PANASONIC / WIPRO

GST EXTRA AS APPLICABLE

वर नमृद सुचित दर्शविलेल्या **बार्बीचे पुरवठा करणारे पुरवठा**दार/द्कानदार/उत्पादक/विक्रेते वांनी नमृद केलेल्या बार्बीकरीता असलेले दर स्वत:च्या लेटरहेडवर महापालिकेच्या कार्यालयान अथवा इं-मंल द्वारं pmcbandhkamdept01@gmail.com यावर दिनांक १२/१८/३ पर्यंत पाठवावे ही विनंती. सदर दर हे अंदाजपत्रक तयार करणेसाठी गृहित धरणेत येणार आहेत.

जा.क्र पमपा/बांधकाम/**२३२१** /प्र.क्र.*०३* / ४१९०(१) २०२३ दि. १ /१२ /२०२३

# प्रत माहितीस्तव -

- १ प्रसिध्दीकरीता
- २. माहिती फलक करीता