

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 बाबींकरिता खालील नमूण्यात दर मागविण्यात येत आहे.

अ.क्र.	कामाचे नाव	मुदत
१	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.	०४/१२/२०२३ ते १२/१२/२०२३ (७ दिवस)

INTERNAL ELECTRICAL WORK
Specification

S.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.		
1.2	<p>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</p> <p>Main Control Unit/ Incomer WITH SMART IoT LINK TO GET DATA IN CLOUD</p> <p>1 No. -32A 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</p> <p>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, Individual 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.</p> <p>Visual Indication 1-LED Based Phase indicating lamps, control RCBOs , CTs, etc.</p> <p>Visual Indication 2-Set - ON/OFF/ TRIP lamps with control RCBOs</p> <p>Additional Controller-Set - Manual Operation Selector switch</p> <p>Signal Relayer-Potential Free Contacts for Remote Monitoring</p> <p>Potential Bus/Busbar: set -32A TPN,Aluminum BUSBAR</p> <p>OUTGOING WITH SMART IoT LINK TO GET DATA IN CLOUD</p>	1	No.

	<p>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.</p>		
	16A TPN RCBO, 1 NOS. (WAITING AREA + COMMON AREA LDB)		
	16A TPN RCBO, 1 NOS. (AUDITORIUM + STAGE +GREENROOM LDB)		
	16A TPN RCBO, 3 NOS.(SPARE)		
1.3	<p>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</p> <p>Main Control Unit/ Incomer WITH SMART IoT LINK TO GET DATA IN CLOUD</p> <p>1 No. -63A 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</p> <p>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, Individual Harmonics upto 63rd for current and Voltage, High Resolution waveform capture and directly from meter via FTP. Disturbance Direction Detection, Sag/swell on any volatge , current channel.</p> <p>Visual Indication 1-LED Based Phase indicating lamps, control RCBOs , CTs, etc.</p> <p>Visual Indication 2-Set - ON/OFF/ TRIP lamps with control RCBOs</p> <p>Additional Controller-Set - Manual Operation Selector switch</p> <p>Signal Relayer-Potential Free Contacts for Remote Monitoring</p> <p>Potential Bus/Busbar: set -63A TPN,Aluminum BUSBAR</p> <p>OUTGOING WITH SMART IoT LINK TO GET DATA IN CLOUD</p> <p>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.</p>	1	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)		

1.4	<p>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</p> <p>Main Control Unit/ Incomer WITH SMART IoT LINK TO GET DATA IN CLOUD</p> <p>1 No. -32A 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</p> <p>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, Individual 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.</p> <p>Visual Indication 1-LED Based Phase indicating lamps, control RCBOs , CTs, etc.</p> <p>Visual Indication 2-Set - ON/OFF/ TRIP lamps with control RCBOs</p> <p>Additional Controller-Set - Manual Operation Selector switch</p> <p>Signal Relayer-Potential Free Contacts for Remote Monitoring</p> <p>Potential Bus/Busbar: set -32A TPN,Aluminum BUSBAR</p> <p>OUTGOING WITH SMART IoT LINK TO GET DATA IN CLOUD</p> <p>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.</p> <p>16A TPN RCBO, 1 NOS. (LDB -1)</p> <p>16A TPN RCBO, 1 NOS. (LDB-2)</p> <p>16A TPN RCBO, 3 NOS.(SPARE)</p>	1	No.
1.5	<p>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</p> <p>Main Control Unit/ Incomer WITH SMART IoT LINK TO GET DATA IN CLOUD</p> <p>1 No. -63A 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</p>	1	No.

	<p>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, Individual 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.</p> <p>Visual Indication 1-LED Based Phase indicating lamps, control RCBOs , CTs, etc.</p> <p>Visual Indication 2-Set - ON/OFF/ TRIP lamps with control RCBOs</p> <p>Additional Controller-Set - Manual Operation Selector switch</p> <p>Signal Relayer-Potential Free Contacts for Remote Monitoring</p> <p>Potential Bus/Busbar: set -63A TPN,Aluminum BUSBAR</p> <p>OUTGOING WITH SMART IoT LINK TO GET DATA IN CLOUD</p> <p>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.</p> <p>40A TPN RCBO,1 NOS. (AHU)</p> <p>25A TPN RCBO, 1 NOS. (PDB-1)</p> <p>25A TPN RCBO, 1 NOS. (PDB-2)</p> <p>40A TPN RCBO, 1 NOS.(SPARE)</p> <p>25A TPN RCBO,2 NOS.(SPARE)</p>		
1.6	<p>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</p> <p>Main Control Unit/ Incomer WITH SMART IoT LINK TO GET DATA IN CLOUD</p> <p>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</p> <p>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, Individual 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.</p> <p>Visual Indication 1-LED Based Phase indicating lamps, control RCBOs , CTs, etc.</p> <p>Visual Indication 2-Set - ON/OFF/ TRIP lamps with control RCBOs</p> <p>Additional Controller-Set - Manual Operation Selector switch</p> <p>Signal Relayer-Potential Free Contacts for Remote Monitoring</p> <p>Potential Bus/Busbar: set -32A TPN,Aluminum BUSBAR</p> <p>OUTGOING WITH SMART IoT LINK TO GET DATA IN CLOUD</p>	1	No.

	<p>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.</p>		
	16A TPN RCBO, 1 NOS. (LDB -1)		
	16A TPN RCBO, 1 NOS. (LDB-2)		
	16A TPN RCBO, 3 NOS.(SPARE)		
1.7	<p>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</p> <p>Main Control Unit/ Incomer WITH SMART IoT LINK TO GET DATA IN CLOUD</p> <p>1 No. -63A 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</p> <p>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, Individual Harmonics upto 63rd for current and Voltage, High Resolution waveform capture and directly from meter via FTP. Disturbance Direction Detection, Sag/swell on any volatge , current channel.</p> <p>Visual Indication 1-LED Based Phase indicating lamps, control RCBOs , CTs, etc.</p> <p>Visual Indication 2-Set - ON/OFF/ TRIP lamps with control RCBOs</p> <p>Additional Controller-Set - Manual Operation Selector switch</p> <p>Signal Relayer-Potential Free Contacts for Remote Monitoring</p> <p>Potential Bus/Busbar: set -63A TPN,Aluminum BUSBAR</p> <p>OUTGOING WITH SMART IoT LINK TO GET DATA IN CLOUD</p> <p>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.</p>	1	No.
	40A TPN RCBO, 2 NOS. (AHU)		
	25A TPN RCBO, 3 NOS. (PDB)		
	40A TPN RCBO, 1 NOS.(SPARE)		
	25A TPN RCBO, 2 NOS.(SPARE)		

1.8	<p>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 supply</p> <p>Main Control Unit/ Incomer WITH SMART IoT LINK TO GET DATA IN CLOUD</p> <p>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</p> <p>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, Individual 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.</p> <p>Visual Indication 1-LED Based Phase indicating lamps, control RCBOs , CTs, etc.</p> <p>Visual Indication 2-Set - ON/OFF/ TRIP lamps with control RCBOs</p> <p>Additional Controller-Set - Manual Operation Selector switch</p> <p>Signal Relayer-Potential Free Contacts for Remote Monitoring</p> <p>Potential Bus/Busbar: set -32A TPN,Aluminum BUSBAR</p> <p>OUTGOING WITH SMART IoT LINK TO GET DATA IN CLOUD</p> <p>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.</p> <p>16A TPN RCBO, 3 NOS. (LDB -1)</p> <p>25A TPN RCBO, 1 NOS. (LDB-4)</p> <p>16A TPN RCBO, 3 NOS.(SPARE)</p>	1	No.
1.9	<p>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</p> <p>Main Control Unit/ Incomer WITH SMART IoT LINK TO GET DATA IN CLOUD</p> <p>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</p>	1	No.

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1.10	<p>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</p> <p>Main Control Unit/ Incomer WITH SMART IoT LINK TO GET DATA IN CLOUD</p> <p>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</p> <p>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, Individual 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.</p> <p>Visual Indication 1-LED Based Phase indicating lamps, control RCBOs , CTs, etc.</p> <p>Visual Indication 2-Set - ON/OFF/ TRIP lamps with control RCBOs</p> <p>Additional Controller-Set - Manual Operation Selector switch</p> <p>Signal Relayer-Potential Free Contacts for Remote Monitoring</p> <p>Potential Bus/Busbar: set -32A TPN,Aluminum BUSBAR</p> <p>OUTGOING WITH SMART IoT LINK TO GET DATA IN CLOUD</p>	1	No.

	<p>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.</p>		
	16A TPN RCBO,3 NOS. (LDB -1)		
	16A TPN RCBO,3 NOS.(SPARE)		
1.11	<p>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 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</p> <p>Main Control Unit/ Incomer WITH SMART IoT LINK TO GET DATA IN CLOUD</p> <p>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</p> <p>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, Individual Harmonics upto 63rd for current and Voltage, High Resolution waveform capture and directly from meter via FTP. Disturbance Direction Detection, Sag/swell on any volatge , current channel.</p> <p>Visual Indication 1-LED Based Phase indicating lamps, control RCBOs , CTs, etc.</p> <p>Visual Indication 2-Set - ON/OFF/ TRIP lamps with control RCBOs</p> <p>Additional Controller-Set - Manual Operation Selector switch</p> <p>Signal Relayer-Potential Free Contacts for Remote Monitoring</p> <p>Potential Bus/Busbar: set -32A TPN,Aluminum BUSBAR</p> <p>OUTGOING WITH SMART IoT LINK TO GET DATA IN CLOUD</p> <p>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.</p>	1	No.
	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	<p>6TH UPPER 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</p> <p>Main Control Unit/ Incomer WITH SMART IoT LINK TO GET DATA IN CLOUD</p> <p>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</p> <p>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, Individual 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.</p> <p>Visual Indication 1-LED Based Phase indicating lamps, control RCBOs , CTs, etc.</p> <p>Visual Indication 2-Set - ON/OFF/ TRIP lamps with control RCBOs</p> <p>Additional Controller-Set - Manual Operation Selector switch</p> <p>Signal Relay-er-Potential Free Contacts for Remote Monitoring</p> <p>Potential Bus/Busbar: set -32A TPN,Aluminum BUSBAR</p> <p>OUTGOING WITH SMART IoT LINK TO GET DATA IN CLOUD</p> <p>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.</p> <p>16A TPN RCBO, 3 NOS. (LDB -1)</p> <p>16A TPN RCBO, 3 NOS.(SPARE)</p>	1	No.
WING-B BUS DUCT			
1.1	<p>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</p> <p>Main Control Unit/ Incomer WITH SMART IoT LINK TO GET DATA IN CLOUD</p> <p>1 No. -63A 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</p>	1	No.

	<p>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, Individidual 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.</p> <p>Visual Indication 1-LED Based Phase indicating lamps, control RCBOs , CTs, etc.</p> <p>Visual Indication 2-Set - ON/OFF/ TRIP lamps with control RCBOs</p> <p>Additional Controller-Set - Manual Operation Selector switch</p> <p>Signal Relayer-Potential Free Contacts for Remote Monitoring</p> <p>Potential Bus/Busbar: set -63A TPN,Aluminum BUSBAR</p> <p>OUTGOING WITH SMART IoT LINK TO GET DATA IN CLOUD</p> <p>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.</p> <p>40A TPN RCBO, 1 NOS. (AHU)</p> <p>25A TPN RCBO, 2NOS. (RAW POWER DB-1)</p> <p>40A TPN RCBO, 1 NOS.(SPARE)</p> <p>25A TPN RCBO, 2 NOS.(SPARE)</p>		
1.2	<p>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</p> <p>Main Control Unit/ Incomer WITH SMART IoT LINK TO GET DATA IN CLOUD</p> <p>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</p> <p>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, Individidual 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.</p> <p>Visual Indication 1-LED Based Phase indicating lamps, control RCBOs , CTs, etc.</p> <p>Visual Indication 2-Set - ON/OFF/ TRIP lamps with control RCBOs</p> <p>Additional Controller-Set - Manual Operation Selector switch</p> <p>Signal Relayer-Potential Free Contacts for Remote Monitoring</p> <p>Potential Bus/Busbar: set -32A TPN,Aluminum BUSBAR</p> <p>OUTGOING WITH SMART IoT LINK TO GET DATA IN CLOUD</p>	1	No.

	<p>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.</p>		
	16A TPN RCBO, 2NOS. (LDB)		
	16A TPN RCBO, 3 NOS.(SPARE)		
1.3	<p>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</p> <p>Main Control Unit/ Incomer WITH SMART IoT LINK TO GET DATA IN CLOUD</p> <p>1 No. -63A 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</p> <p>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, Individual 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.</p> <p>Visual Indication 1-LED Based Phase indicating lamps, control RCBOs , CTs, etc.</p> <p>Visual Indication 2-Set - ON/OFF/ TRIP lamps with control RCBOs</p> <p>Additional Controller-Set - Manual Operation Selector switch</p> <p>Signal Relayer-Potential Free Contacts for Remote Monitoring</p> <p>Potential Bus/Busbar: set -63A TPN,Aluminum BUSBAR</p> <p>OUTGOING WITH SMART IoT LINK TO GET DATA IN CLOUD</p> <p>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.</p>	1	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)		

1.4	<p>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</p> <p>Main Control Unit/ Incomer WITH SMART IoT LINK TO GET DATA IN CLOUD</p> <p>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</p> <p>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, Individual 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.</p> <p>Visual Indication 1-LED Based Phase indicating lamps, control RCBOs , CTs, etc.</p> <p>Visual Indication 2-Set - ON/OFF/ TRIP lamps with control RCBOs</p> <p>Additional Controller-Set - Manual Operation Selector switch</p> <p>Signal Relay-er-Potential Free Contacts for Remote Monitoring</p> <p>Potential Bus/Busbar: set -32A TPN,Aluminum BUSBAR</p> <p>OUTGOING WITH SMART IoT LINK TO GET DATA IN CLOUD</p> <p>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.</p> <p>16A TPN RCBO, 1 NOS. (LDB -1)</p> <p>16A TPN RCBO, 1 NOS. (LDB-2)</p> <p>16A TPN RCBO, 3 NOS.(SPARE)</p>	1	No.
1.5	<p>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</p> <p>Main Control Unit/ Incomer WITH SMART IoT LINK TO GET DATA IN CLOUD</p> <p>1 No. -63A 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</p>	1	No.

	<p>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, Individual 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.</p> <p>Visual Indication 1-LED Based Phase indicating lamps, control RCBOs , CTs, etc.</p> <p>Visual Indication 2-Set - ON/OFF/ TRIP lamps with control RCBOs</p> <p>Additional Controller-Set - Manual Operation Selector switch</p> <p>Signal Relayer-Potential Free Contacts for Remote Monitoring</p> <p>Potential Bus/Busbar: set -63A TPN,Aluminum BUSBAR</p> <p>OUTGOING WITH SMART IoT LINK TO GET DATA IN CLOUD</p> <p>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.</p> <p>40A TPN RCBO, 1 NOS. (AHU)</p> <p>25A TPN RCBO, 1 NOS. (PDB-1)</p> <p>25A TPN RCBO, 1 NOS. (PDB-2)</p> <p>40A TPN RCBO, 1 NOS.(SPARE)</p> <p>25A TPN RCBO, 2 NOS.(SPARE)</p>		
1.6	<p>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</p> <p>Main Control Unit/ Incomer WITH SMART IoT LINK TO GET DATA IN CLOUD</p> <p>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</p> <p>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, Individual 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.</p> <p>Visual Indication 1-LED Based Phase indicating lamps, control RCBOs , CTs, etc.</p> <p>Visual Indication 2-Set - ON/OFF/ TRIP lamps with control RCBOs</p> <p>Additional Controller-Set - Manual Operation Selector switch</p> <p>Signal Relayer-Potential Free Contacts for Remote Monitoring</p> <p>Potential Bus/Busbar: set -32A TPN,Aluminum BUSBAR</p> <p>OUTGOING WITH SMART IoT LINK TO GET DATA IN CLOUD</p>	1	No.

	<p>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.</p>		
	16A TPN RCBO, 1 NOS. (LDB -1)		
	16A TPN RCBO, 1 NOS. (LDB-2)		
	16A TPN RCBO, 3 NOS.(SPARE)		
1.7	<p>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</p> <p>Main Control Unit/ Incomer WITH SMART IoT LINK TO GET DATA IN CLOUD</p> <p>1 No. -63A 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</p> <p>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, Individual 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.</p> <p>Visual Indication 1-LED Based Phase indicating lamps, control RCBOs , CTs, etc.</p> <p>Visual Indication 2-Set - ON/OFF/ TRIP lamps with control RCBOs</p> <p>Additional Controller-Set - Manual Operation Selector switch</p> <p>Signal Relay-er-Potential Free Contacts for Remote Monitoring</p> <p>Potential Bus/Busbar: set -63A TPN,Aluminum BUSBAR</p> <p>OUTGOING WITH SMART IoT LINK TO GET DATA IN CLOUD</p> <p>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.</p>	1	No.
	40A TPN RCBO, 2 NOS. (AHU)		
	25A TPN RCBO, 2 NOS. (PDB)		
	40A TPN RCBO, 2 NOS.(SPARE)		
	25A TPN RCBO, 1 NOS.(SPARE)		

1.8	<p>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 supply</p> <p>Main Control Unit/ Incomer WITH SMART IoT LINK TO GET DATA IN CLOUD</p> <p>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</p> <p>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, Individual 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.</p> <p>Visual Indication 1-LED Based Phase indicating lamps, control RCBOs , CTs, etc.</p> <p>Visual Indication 2-Set - ON/OFF/ TRIP lamps with control RCBOs</p> <p>Additional Controller-Set - Manual Operation Selector switch</p> <p>Signal Relay-er-Potential Free Contacts for Remote Monitoring</p> <p>Potential Bus/Busbar: set -32A TPN,Aluminum BUSBAR</p> <p>OUTGOING WITH SMART IoT LINK TO GET DATA IN CLOUD</p> <p>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.</p> <p>16A TPN RCBO, 2 NOS. (LDB -1)</p> <p>16A TPN RCBO, 3 NOS.(SPARE)</p>	1	No.
1.9	<p>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</p> <p>Main Control Unit/ Incomer WITH SMART IoT LINK TO GET DATA IN CLOUD</p> <p>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</p>	1	No.

	<p>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, Individidual 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.</p> <p>Visual Indication 1-LED Based Phase indicating lamps, control RCBOs , CTs, etc.</p> <p>Visual Indication 2-Set - ON/OFF/ TRIP lamps with control RCBOs</p> <p>Additional Controller-Set - Manual Operation Selector switch</p> <p>Signal Relayer-Potential Free Contacts for Remote Monitoring</p> <p>Potential Bus/Busbar: set -32A TPN,Aluminum BUSBAR</p> <p>OUTGOING WITH SMART IoT LINK TO GET DATA IN CLOUD</p> <p>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.</p> <p>32A TPN RCBO, 2 NOS. (AHU)</p> <p>25A TPN RCBO, 1 NOS. (PDB)</p> <p>32A TPN RCBO, 1 NOS.(SPARE)</p> <p>25A TPN RCBO, 2 NOS.(SPARE)</p>		
1.10	<p>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 & commisioning 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</p> <p>Main Control Unit/ Incomer WITH SMART IoT LINK TO GET DATA IN CLOUD</p> <p>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</p> <p>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, Individidual 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.</p> <p>Visual Indication 1-LED Based Phase indicating lamps, control RCBOs , CTs, etc.</p> <p>Visual Indication 2-Set - ON/OFF/ TRIP lamps with control RCBOs</p> <p>Additional Controller-Set - Manual Operation Selector switch</p> <p>Signal Relayer-Potential Free Contacts for Remote Monitoring</p> <p>Potential Bus/Busbar: set -32A TPN,Aluminum BUSBAR</p> <p>OUTGOING WITH SMART IoT LINK TO GET DATA IN CLOUD</p>	1	No.

	<p>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.</p>		
	16A TPN RCBO, 1 NOS. (LDB -1)		
	16A TPN RCBO, 3 NOS.(SPARE)		
1.11	<p>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 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</p> <p>Main Control Unit/ Incomer WITH SMART IoT LINK TO GET DATA IN CLOUD</p> <p>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</p> <p>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, Individual 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.</p> <p>Visual Indication 1-LED Based Phase indicating lamps, control RCBOs , CTs, etc.</p> <p>Visual Indication 2-Set - ON/OFF/ TRIP lamps with control RCBOs</p> <p>Additional Controller-Set - Manual Operation Selector switch</p> <p>Signal Relayer-Potential Free Contacts for Remote Monitoring</p> <p>Potential Bus/Busbar: set -32A TPN,Aluminum BUSBAR</p> <p>OUTGOING WITH SMART IoT LINK TO GET DATA IN CLOUD</p> <p>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.</p>	1	No.
	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	<p>6TH UPPER 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</p> <p>Main Control Unit/ Incomer WITH SMART IoT LINK TO GET DATA IN CLOUD</p> <p>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</p> <p>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, Individual 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.</p> <p>Visual Indication 1-LED Based Phase indicating lamps, control RCBOs , CTs, etc.</p> <p>Visual Indication 2-Set - ON/OFF/ TRIP lamps with control RCBOs</p> <p>Additional Controller-Set - Manual Operation Selector switch</p> <p>Signal Relay-er-Potential Free Contacts for Remote Monitoring</p> <p>Potential Bus/Busbar: set -32A TPN,Aluminum BUSBAR</p> <p>OUTGOING WITH SMART IoT LINK TO GET DATA IN CLOUD</p> <p>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.</p> <p>16A TPN RCBO, 3 NOS. (LDB)</p> <p>16A TPN RCBO, 3 NOS.(SPARE)</p>	1	No.
1.13	<p>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</p> <p>Main Control Unit/ Incomer WITH SMART IoT LINK TO GET DATA IN CLOUD</p> <p>1 No. -63A 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</p>	1	No.

	<p>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, Individual 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.</p> <p>Visual Indication 1-LED Based Phase indicating lamps, control RCBOs , CTs, etc.</p> <p>Visual Indication 2-Set - ON/OFF/ TRIP lamps with control RCBOs</p> <p>Additional Controller-Set - Manual Operation Selector switch</p> <p>Signal Relayer-Potential Free Contacts for Remote Monitoring</p> <p>Potential Bus/Busbar: set -63A TPN,Aluminum BUSBAR</p> <p>OUTGOING WITH SMART IoT LINK TO GET DATA IN CLOUD</p> <p>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.</p> <p>40A TPN RCBO, 2 NOS. (AHU)</p> <p>25A TPN RCBO, 1 NOS. (PDB)</p> <p>25A TPN RCBO, 3 NOS.(SPARE)</p>		
1.14	<p>TERRACE 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</p> <p>Main Control Unit/ Incomer WITH SMART IoT LINK TO GET DATA IN CLOUD</p> <p>1 No. -63A 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</p> <p>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, Individual 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.</p> <p>Visual Indication 1-LED Based Phase indicating lamps, control RCBOs , CTs, etc.</p> <p>Visual Indication 2-Set - ON/OFF/ TRIP lamps with control RCBOs</p> <p>Additional Controller-Set - Manual Operation Selector switch</p> <p>Signal Relayer-Potential Free Contacts for Remote Monitoring</p> <p>Potential Bus/Busbar: set -63A TPN,Aluminum BUSBAR</p> <p>OUTGOING WITH SMART IoT LINK TO GET DATA IN CLOUD</p>	1	No.

	<p>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.</p> <p>40A TPN RCBO, 1 NOS. (TERRACE FLOOR MESEUM LDB)</p> <p>16A TPN RCBO, 1 NOS. (TERRACE FLOOR EXTERNAL LDB)</p> <p>40A TPN RCBO, 2 NOS.(SPARE)</p> <p>16A TPN RCBO, 1 NOS.(SPARE)</p>		
	WING-C BUS DUCT		
1.1	<p>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</p> <p>Main Control Unit/ Incomer WITH SMART IoT LINK TO GET DATA IN CLOUD</p> <p>1 No. -63A 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</p> <p>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, Individual 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.</p> <p>Visual Indication 1-LED Based Phase indicating lamps, control RCBOs , CTs, etc.</p> <p>Visual Indication 2-Set - ON/OFF/ TRIP lamps with control RCBOs</p> <p>Additional Controller-Set - Manual Operation Selector switch</p> <p>Signal Relayer-Potential Free Contacts for Remote Monitoring</p> <p>Potential Bus/Busbar: set -63A TPN,Aluminum BUSBAR</p> <p>OUTGOING WITH SMART IoT LINK TO GET DATA IN CLOUD</p> <p>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.</p> <p>32A TPN RCBO, 4 NOS. (AHU)</p> <p>25A TPN RCBO, 1 NOS. (AHU)</p> <p>25A TPN RCBO, 2NOS. (RAW POWER DB-1)</p> <p>32A TPN RCBO, 2 NOS.(SPARE)</p> <p>25A TPN RCBO, 1 NOS.(SPARE)</p>	1	No.

1.2	<p>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</p> <p>Main Control Unit/ Incomer WITH SMART IoT LINK TO GET DATA IN CLOUD</p> <p>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</p> <p>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, Individual 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.</p> <p>Visual Indication 1-LED Based Phase indicating lamps, control RCBOs , CTs, etc.</p> <p>Visual Indication 2-Set - ON/OFF/ TRIP lamps with control RCBOs</p> <p>Additional Controller-Set - Manual Operation Selector switch</p> <p>Signal Relay-er-Potential Free Contacts for Remote Monitoring</p> <p>Potential Bus/Busbar: set -32A TPN,Aluminum BUSBAR</p> <p>OUTGOING WITH SMART IoT LINK TO GET DATA IN CLOUD</p> <p>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.</p> <p>16A TPN RCBO, 4NOS. (LDB)</p> <p>16A TPN RCBO, 3 NOS.(SPARE)</p>	1	No.
1.3	<p>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</p> <p>Main Control Unit/ Incomer WITH SMART IoT LINK TO GET DATA IN CLOUD</p> <p>1 No. -63A 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</p>	1	No.

	<p>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, Individidual 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.</p> <p>Visual Indication 1-LED Based Phase indicating lamps, control RCBOs , CTs, etc.</p> <p>Visual Indication 2-Set - ON/OFF/ TRIP lamps with control RCBOs</p> <p>Additional Controller-Set - Manual Operation Selector switch</p> <p>Signal Relayer-Potential Free Contacts for Remote Monitoring</p> <p>Potential Bus/Busbar: set -63A TPN,Aluminum BUSBAR</p> <p>OUTGOING WITH SMART IoT LINK TO GET DATA IN CLOUD</p> <p>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.</p> <p>40A TPN RCBO, 1 NOS. (AHU)</p> <p>25A TPN RCBO, 2NOS. (RAW POWER DB-1)</p> <p>40A TPN RCBO, 1 NOS.(SPARE)</p> <p>25A TPN RCBO, 2 NOS.(SPARE)</p>		
1.4	<p>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</p> <p>Main Control Unit/ Incomer WITH SMART IoT LINK TO GET DATA IN CLOUD</p> <p>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</p> <p>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, Individidual 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.</p> <p>Visual Indication 1-LED Based Phase indicating lamps, control RCBOs , CTs, etc.</p> <p>Visual Indication 2-Set - ON/OFF/ TRIP lamps with control RCBOs</p> <p>Additional Controller-Set - Manual Operation Selector switch</p> <p>Signal Relayer-Potential Free Contacts for Remote Monitoring</p> <p>Potential Bus/Busbar: set -32A TPN,Aluminum BUSBAR</p> <p>OUTGOING WITH SMART IoT LINK TO GET DATA IN CLOUD</p>	1	No.

	<p>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.</p>		
	16A TPN RCBO, 2NOS. (LDB)		
	16A TPN RCBO, 3 NOS.(SPARE)		
1.5	<p>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</p> <p>Main Control Unit/ Incomer WITH SMART IoT LINK TO GET DATA IN CLOUD</p> <p>1 No. -63A 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</p> <p>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, Individual 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.</p> <p>Visual Indication 1-LED Based Phase indicating lamps, control RCBOs , CTs, etc.</p> <p>Visual Indication 2-Set - ON/OFF/ TRIP lamps with control RCBOs</p> <p>Additional Controller-Set - Manual Operation Selector switch</p> <p>Signal Relayer-Potential Free Contacts for Remote Monitoring</p> <p>Potential Bus/Busbar: set -63A TPN,Aluminum BUSBAR</p> <p>OUTGOING WITH SMART IoT LINK TO GET DATA IN CLOUD</p> <p>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.</p>	1	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)		

1.6	<p>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</p> <p>Main Control Unit/ Incomer WITH SMART IoT LINK TO GET DATA IN CLOUD</p> <p>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</p> <p>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, Individual 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.</p> <p>Visual Indication 1-LED Based Phase indicating lamps, control RCBOs , CTs, etc.</p> <p>Visual Indication 2-Set - ON/OFF/ TRIP lamps with control RCBOs</p> <p>Additional Controller-Set - Manual Operation Selector switch</p> <p>Signal Relay-er-Potential Free Contacts for Remote Monitoring</p> <p>Potential Bus/Busbar: set -32A TPN,Aluminum BUSBAR</p> <p>OUTGOING WITH SMART IoT LINK TO GET DATA IN CLOUD</p> <p>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.</p> <p>16A TPN RCBO, 1 NOS. (LDB -1)</p> <p>16A TPN RCBO, 1 NOS. (LDB-2)</p> <p>16A TPN RCBO, 3 NOS.(SPARE)</p>	1	No.
1.7	<p>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</p> <p>Main Control Unit/ Incomer WITH SMART IoT LINK TO GET DATA IN CLOUD</p> <p>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</p>	1	No.

	<p>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, Individual 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.</p> <p>Visual Indication 1-LED Based Phase indicating lamps, control RCBOs , CTs, etc.</p> <p>Visual Indication 2-Set - ON/OFF/ TRIP lamps with control RCBOs</p> <p>Additional Controller-Set - Manual Operation Selector switch</p> <p>Signal Relayer-Potential Free Contacts for Remote Monitoring</p> <p>Potential Bus/Busbar: set -32A TPN,Aluminum BUSBAR</p> <p>OUTGOING WITH SMART IoT LINK TO GET DATA IN CLOUD</p> <p>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.</p> <p>40A TPN RCBO, 1 NOS. (AHU)</p> <p>25A TPN RCBO, 1 NOS. (PDB-1)</p> <p>40A TPN RCBO, 1 NOS.(SPARE)</p> <p>25A TPN RCBO, 2 NOS.(SPARE)</p>		
1.8	<p>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</p> <p>Main Control Unit/ Incomer WITH SMART IoT LINK TO GET DATA IN CLOUD</p> <p>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</p> <p>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, Individual 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.</p> <p>Visual Indication 1-LED Based Phase indicating lamps, control RCBOs , CTs, etc.</p> <p>Visual Indication 2-Set - ON/OFF/ TRIP lamps with control RCBOs</p> <p>Additional Controller-Set - Manual Operation Selector switch</p> <p>Signal Relayer-Potential Free Contacts for Remote Monitoring</p> <p>Potential Bus/Busbar: set -32A TPN,Aluminum BUSBAR</p> <p>OUTGOING WITH SMART IoT LINK TO GET DATA IN CLOUD</p>	1	No.

	<p>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.</p>		
	16A TPN RCBO, 1 NOS. (LDB -1)		
	16A TPN RCBO, 1 NOS. (LDB-2)		
	16A TPN RCBO, 3 NOS.(SPARE)		
1.9	<p>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</p> <p>Main Control Unit/ Incomer WITH SMART IoT LINK TO GET DATA IN CLOUD</p> <p>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</p> <p>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, Individual 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.</p> <p>Visual Indication 1-LED Based Phase indicating lamps, control RCBOs , CTs, etc.</p> <p>Visual Indication 2-Set - ON/OFF/ TRIP lamps with control RCBOs</p> <p>Additional Controller-Set - Manual Operation Selector switch</p> <p>Signal Relay-er-Potential Free Contacts for Remote Monitoring</p> <p>Potential Bus/Busbar: set -32A TPN,Aluminum BUSBAR</p> <p>OUTGOING WITH SMART IoT LINK TO GET DATA IN CLOUD</p> <p>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.</p>	1	No.
	32A TPN RCBO, 1 NOS. (AHU)		
	25A TPN RCBO, 2 NOS. (PDB)		
	32A TPN RCBO, 1 NOS.(SPARE)		
	25A TPN RCBO, 2 NOS.(SPARE)		

1.10	<p>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 supply</p> <p>Main Control Unit/ Incomer WITH SMART IoT LINK TO GET DATA IN CLOUD</p> <p>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</p> <p>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, Individual 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.</p> <p>Visual Indication 1-LED Based Phase indicating lamps, control RCBOs , CTs, etc.</p> <p>Visual Indication 2-Set - ON/OFF/ TRIP lamps with control RCBOs</p> <p>Additional Controller-Set - Manual Operation Selector switch</p> <p>Signal Relay-er-Potential Free Contacts for Remote Monitoring</p> <p>Potential Bus/Busbar: set -32A TPN,Aluminum BUSBAR</p> <p>OUTGOING WITH SMART IoT LINK TO GET DATA IN CLOUD</p> <p>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.</p> <p>16A TPN RCBO, 2 NOS. (LDB -1)</p> <p>16A TPN RCBO, 3 NOS.(SPARE)</p>	1.00	No.
1.11	<p>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</p> <p>Main Control Unit/ Incomer WITH SMART IoT LINK TO GET DATA IN CLOUD</p> <p>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</p>	1	No.

	<p>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, Individidual 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.</p> <p>Visual Indication 1-LED Based Phase indicating lamps, control RCBOs , CTs, etc.</p> <p>Visual Indication 2-Set - ON/OFF/ TRIP lamps with control RCBOs</p> <p>Additional Controller-Set - Manual Operation Selector switch</p> <p>Signal Relayer-Potential Free Contacts for Remote Monitoring</p> <p>Potential Bus/Busbar: set -32A TPN,Aluminum BUSBAR</p> <p>OUTGOING WITH SMART IoT LINK TO GET DATA IN CLOUD</p> <p>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.</p> <p>32A TPN RCBO, 2 NOS. (AHU)</p> <p>25A TPN RCBO, 3 NOS. (PDB)</p> <p>32A TPN RCBO, 1 NOS.(SPARE)</p> <p>25A TPN RCBO, 2 NOS.(SPARE)</p>		
1.12	<p>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 & commisioning 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</p> <p>Main Control Unit/ Incomer WITH SMART IoT LINK TO GET DATA IN CLOUD</p> <p>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</p> <p>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, Individidual 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.</p> <p>Visual Indication 1-LED Based Phase indicating lamps, control RCBOs , CTs, etc.</p> <p>Visual Indication 2-Set - ON/OFF/ TRIP lamps with control RCBOs</p> <p>Additional Controller-Set - Manual Operation Selector switch</p> <p>Signal Relayer-Potential Free Contacts for Remote Monitoring</p> <p>Potential Bus/Busbar: set -32A TPN,Aluminum BUSBAR</p> <p>OUTGOING WITH SMART IoT LINK TO GET DATA IN CLOUD</p>	1.00	No.

	<p>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.</p>		
	16A TPN RCBO, 3 NOS. (LDB -1)		
	16A TPN RCBO, 3 NOS.(SPARE)		
1.13	<p>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 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</p> <p>Main Control Unit/ Incomer WITH SMART IoT LINK TO GET DATA IN CLOUD</p> <p>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</p> <p>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, Individual 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.</p> <p>Visual Indication 1-LED Based Phase indicating lamps, control RCBOs , CTs, etc.</p> <p>Visual Indication 2-Set - ON/OFF/ TRIP lamps with control RCBOs</p> <p>Additional Controller-Set - Manual Operation Selector switch</p> <p>Signal Relayer-Potential Free Contacts for Remote Monitoring</p> <p>Potential Bus/Busbar: set -32A TPN,Aluminum BUSBAR</p> <p>OUTGOING WITH SMART IoT LINK TO GET DATA IN CLOUD</p> <p>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.</p>	1	No.
	32A TPN RCBO, 2 NOS. (AHU)		
	25A TPN RCBO, 3 NOS. (PDB)		
	32A TPN RCBO, 1 NOS.(SPARE)		
	25A TPN RCBO, 2 NOS.(SPARE)		

1.14	<p>6TH UPPER 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</p> <p>Main Control Unit/ Incomer WITH SMART IoT LINK TO GET DATA IN CLOUD</p> <p>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</p> <p>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, Individual 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.</p> <p>Visual Indication 1-LED Based Phase indicating lamps, control RCBOs , CTs, etc.</p> <p>Visual Indication 2-Set - ON/OFF/ TRIP lamps with control RCBOs</p> <p>Additional Controller-Set - Manual Operation Selector switch</p> <p>Signal Relay-er-Potential Free Contacts for Remote Monitoring</p> <p>Potential Bus/Busbar: set -32A TPN,Aluminum BUSBAR</p> <p>OUTGOING WITH SMART IoT LINK TO GET DATA IN CLOUD</p> <p>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.</p> <p>16A TPN RCBO, 3 NOS. (LDB)</p> <p>16A TPN RCBO, 3 NOS.(SPARE)</p>	1.00	No.
WING-D BUS DUCT			
1.1	<p>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</p> <p>Main Control Unit/ Incomer WITH SMART IoT LINK TO GET DATA IN CLOUD</p> <p>1 No. -63A 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</p>	1	No.

	<p>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, Individual 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.</p> <p>Visual Indication 1-LED Based Phase indicating lamps, control RCBOs , CTs, etc.</p> <p>Visual Indication 2-Set - ON/OFF/ TRIP lamps with control RCBOs</p> <p>Additional Controller-Set - Manual Operation Selector switch</p> <p>Signal Relayer-Potential Free Contacts for Remote Monitoring</p> <p>Potential Bus/Busbar: set -63A TPN,Aluminum BUSBAR</p> <p>OUTGOING WITH SMART IoT LINK TO GET DATA IN CLOUD</p> <p>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.</p> <p>40A TPN RCBO, 2 NOS. (AHU)</p> <p>25A TPN RCBO, 2NOS. (RAW POWER DB-1)</p> <p>40A TPN RCBO, 2 NOS.(SPARE)</p> <p>25A TPN RCBO, 1 NOS.(SPARE)</p>		
1.2	<p>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</p> <p>Main Control Unit/ Incomer WITH SMART IoT LINK TO GET DATA IN CLOUD</p> <p>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</p> <p>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, Individual 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.</p> <p>Visual Indication 1-LED Based Phase indicating lamps, control RCBOs , CTs, etc.</p> <p>Visual Indication 2-Set - ON/OFF/ TRIP lamps with control RCBOs</p> <p>Additional Controller-Set - Manual Operation Selector switch</p> <p>Signal Relayer-Potential Free Contacts for Remote Monitoring</p> <p>Potential Bus/Busbar: set -32A TPN,Aluminum BUSBAR</p> <p>OUTGOING WITH SMART IoT LINK TO GET DATA IN CLOUD</p>	1	No.

	<p>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.</p>		
	16A TPN RCBO, 4NOS. (LDB)		
	16A TPN RCBO, 3 NOS.(SPARE)		
1.3	<p>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</p> <p>Main Control Unit/ Incomer WITH SMART IoT LINK TO GET DATA IN CLOUD</p> <p>1 No. -63A 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</p> <p>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, Individual 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.</p> <p>Visual Indication 1-LED Based Phase indicating lamps, control RCBOs , CTs, etc.</p> <p>Visual Indication 2-Set - ON/OFF/ TRIP lamps with control RCBOs</p> <p>Additional Controller-Set - Manual Operation Selector switch</p> <p>Signal Relayer-Potential Free Contacts for Remote Monitoring</p> <p>Potential Bus/Busbar: set -63A TPN,Aluminum BUSBAR</p> <p>OUTGOING WITH SMART IoT LINK TO GET DATA IN CLOUD</p> <p>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.</p>	1	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)		

1.4	<p>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</p> <p>Main Control Unit/ Incomer WITH SMART IoT LINK TO GET DATA IN CLOUD</p> <p>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</p> <p>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, Individual 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.</p> <p>Visual Indication 1-LED Based Phase indicating lamps, control RCBOs , CTs, etc.</p> <p>Visual Indication 2-Set - ON/OFF/ TRIP lamps with control RCBOs</p> <p>Additional Controller-Set - Manual Operation Selector switch</p> <p>Signal Relay-er-Potential Free Contacts for Remote Monitoring</p> <p>Potential Bus/Busbar: set -32A TPN,Aluminum BUSBAR</p> <p>OUTGOING WITH SMART IoT LINK TO GET DATA IN CLOUD</p> <p>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.</p> <p>16A TPN RCBO, 1 NOS. (LDB -1)</p> <p>16A TPN RCBO, 1 NOS. (LDB-2)</p> <p>16A TPN RCBO, 3 NOS.(SPARE)</p>	1	No.
1.5	<p>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</p> <p>Main Control Unit/ Incomer WITH SMART IoT LINK TO GET DATA IN CLOUD</p> <p>1 No. -63A 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</p>	1	No.

	<p>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, Individual 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.</p> <p>Visual Indication 1-LED Based Phase indicating lamps, control RCBOs , CTs, etc.</p> <p>Visual Indication 2-Set - ON/OFF/ TRIP lamps with control RCBOs</p> <p>Additional Controller-Set - Manual Operation Selector switch</p> <p>Signal Relayer-Potential Free Contacts for Remote Monitoring</p> <p>Potential Bus/Busbar: set -63A TPN,Aluminum BUSBAR</p> <p>OUTGOING WITH SMART IoT LINK TO GET DATA IN CLOUD</p> <p>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.</p> <p>40A TPN RCBO, 1 NOS. (AHU)</p> <p>25A TPN RCBO, 1 NOS. (PDB-1)</p> <p>25A TPN RCBO, 1 NOS. (PDB-2)</p> <p>40A TPN RCBO, 1 NOS.(SPARE)</p> <p>25A TPN RCBO, 2 NOS.(SPARE)</p>		
1.6	<p>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</p> <p>Main Control Unit/ Incomer WITH SMART IoT LINK TO GET DATA IN CLOUD</p> <p>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</p> <p>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, Individual 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.</p> <p>Visual Indication 1-LED Based Phase indicating lamps, control RCBOs , CTs, etc.</p> <p>Visual Indication 2-Set - ON/OFF/ TRIP lamps with control RCBOs</p> <p>Additional Controller-Set - Manual Operation Selector switch</p> <p>Signal Relayer-Potential Free Contacts for Remote Monitoring</p> <p>Potential Bus/Busbar: set -32A TPN,Aluminum BUSBAR</p> <p>OUTGOING WITH SMART IoT LINK TO GET DATA IN CLOUD</p>	1	No.

	<p>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.</p>		
	16A TPN RCBO, 1 NOS. (LDB -1)		
	16A TPN RCBO, 1 NOS. (LDB-2)		
	16A TPN RCBO, 3 NOS.(SPARE)		
1.7	<p>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</p> <p>Main Control Unit/ Incomer WITH SMART IoT LINK TO GET DATA IN CLOUD</p> <p>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</p> <p>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, Individual 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.</p> <p>Visual Indication 1-LED Based Phase indicating lamps, control RCBOs , CTs, etc.</p> <p>Visual Indication 2-Set - ON/OFF/ TRIP lamps with control RCBOs</p> <p>Additional Controller-Set - Manual Operation Selector switch</p> <p>Signal Relayler-Potential Free Contacts for Remote Monitoring</p> <p>Potential Bus/Busbar: set -32A TPN,Aluminum BUSBAR</p> <p>OUTGOING WITH SMART IoT LINK TO GET DATA IN CLOUD</p> <p>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.</p>	1	No.
	32A TPN RCBO, 1 NOS. (AHU)		
	25A TPN RCBO, 2 NOS. (PDB)		
	32A TPN RCBO, 1 NOS.(SPARE)		
	25A TPN RCBO, 2 NOS.(SPARE)		

1.8	<p>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 supply</p> <p>Main Control Unit/ Incomer WITH SMART IoT LINK TO GET DATA IN CLOUD</p> <p>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</p> <p>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, Individual 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.</p> <p>Visual Indication 1-LED Based Phase indicating lamps, control RCBOs , CTs, etc.</p> <p>Visual Indication 2-Set - ON/OFF/ TRIP lamps with control RCBOs</p> <p>Additional Controller-Set - Manual Operation Selector switch</p> <p>Signal Relay-er-Potential Free Contacts for Remote Monitoring</p> <p>Potential Bus/Busbar: set -32A TPN,Aluminum BUSBAR</p> <p>OUTGOING WITH SMART IoT LINK TO GET DATA IN CLOUD</p> <p>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.</p> <p>16A TPN RCBO, 2 NOS. (LDB -1)</p> <p>16A TPN RCBO, 3 NOS.(SPARE)</p>	1	No.
1.9	<p>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</p> <p>Main Control Unit/ Incomer WITH SMART IoT LINK TO GET DATA IN CLOUD</p> <p>1 No. -63A 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</p>	1	No.

	<p>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, Individual 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.</p> <p>Visual Indication 1-LED Based Phase indicating lamps, control RCBOs , CTs, etc.</p> <p>Visual Indication 2-Set - ON/OFF/ TRIP lamps with control RCBOs</p> <p>Additional Controller-Set - Manual Operation Selector switch</p> <p>Signal Relayer-Potential Free Contacts for Remote Monitoring</p> <p>Potential Bus/Busbar: set -63A TPN,Aluminum BUSBAR</p> <p>OUTGOING WITH SMART IoT LINK TO GET DATA IN CLOUD</p> <p>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.</p> <p>32A TPN RCBO, 2 NOS. (AHU)</p> <p>40A TPN RCBO, 1 NOS. (AHU)</p> <p>25A TPN RCBO, 2 NOS. (PDB)</p> <p>40A TPN RCBO, 1 NOS.(SPARE)</p> <p>25A TPN RCBO, 2 NOS.(SPARE)</p>		
1.10	<p>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</p> <p>Main Control Unit/ Incomer WITH SMART IoT LINK TO GET DATA IN CLOUD</p> <p>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</p> <p>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, Individual 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.</p> <p>Visual Indication 1-LED Based Phase indicating lamps, control RCBOs , CTs, etc.</p> <p>Visual Indication 2-Set - ON/OFF/ TRIP lamps with control RCBOs</p> <p>Additional Controller-Set - Manual Operation Selector switch</p> <p>Signal Relayer-Potential Free Contacts for Remote Monitoring</p> <p>Potential Bus/Busbar: set -32A TPN,Aluminum BUSBAR</p> <p>OUTGOING WITH SMART IoT LINK TO GET DATA IN CLOUD</p>	1.00	No.

	<p>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.</p>		
	16A TPN RCBO, 4 NOS. (LDB -1)		
	16A TPN RCBO, 3 NOS.(SPARE)		
1.11	<p>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</p> <p>Main Control Unit/ Incomer WITH SMART IoT LINK TO GET DATA IN CLOUD</p> <p>1 No. -63A 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</p> <p>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, Individual 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.</p> <p>Visual Indication 1-LED Based Phase indicating lamps, control RCBOs , CTs, etc.</p> <p>Visual Indication 2-Set - ON/OFF/ TRIP lamps with control RCBOs</p> <p>Additional Controller-Set - Manual Operation Selector switch</p> <p>Signal Relayer-Potential Free Contacts for Remote Monitoring</p> <p>Potential Bus/Busbar: set -63A TPN,Aluminum BUSBAR</p> <p>OUTGOING WITH SMART IoT LINK TO GET DATA IN CLOUD</p> <p>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.</p>	1	No.
	32A TPN RCBO, 3NOS. (AHU)		
	40A TPN RCBO, 1 NOS. (AHU)		
	25A TPN RCBO, 3 NOS. (PDB)		
	40A TPN RCBO, 1 NOS.(SPARE)		
	32A TPN RCBO, 1 NOS.(SPARE)		
	25A TPN RCBO, 1 NOS.(SPARE)		

1.12	<p>6TH UPPER 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</p> <p>Main Control Unit/ Incomer WITH SMART IoT LINK TO GET DATA IN CLOUD</p> <p>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</p> <p>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, Individual 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.</p> <p>Visual Indication 1-LED Based Phase indicating lamps, control RCBOs , CTs, etc.</p> <p>Visual Indication 2-Set - ON/OFF/ TRIP lamps with control RCBOs</p> <p>Additional Controller-Set - Manual Operation Selector switch</p> <p>Signal Relay-er-Potential Free Contacts for Remote Monitoring</p> <p>Potential Bus/Busbar: set -32A TPN,Aluminum BUSBAR</p> <p>OUTGOING WITH SMART IoT LINK TO GET DATA IN CLOUD</p> <p>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.</p> <p>16A TPN RCBO, 4 NOS. (LDB)</p> <p>16A TPN RCBO, 3 NOS.(SPARE)</p>	1.00	No.
1.13	<p>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</p> <p>Main Control Unit/ Incomer WITH SMART IoT LINK TO GET DATA IN CLOUD</p> <p>1 No. -63A 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</p>	1	No.

	<p>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, Individual 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.</p> <p>Visual Indication 1-LED Based Phase indicating lamps, control RCBOs , CTs, etc.</p> <p>Visual Indication 2-Set - ON/OFF/ TRIP lamps with control RCBOs</p> <p>Additional Controller-Set - Manual Operation Selector switch</p> <p>Signal Relayer-Potential Free Contacts for Remote Monitoring</p> <p>Potential Bus/Busbar: set -63A TPN,Aluminum BUSBAR</p> <p>OUTGOING WITH SMART IoT LINK TO GET DATA IN CLOUD</p> <p>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.</p> <p>40A TPN RCBO, 2 NOS. (AHU)</p> <p>25A TPN RCBO, 3 NOS.(SPARE)</p>		
1.14	<p>TERRACE 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</p> <p>Main Control Unit/ Incomer WITH SMART IoT LINK TO GET DATA IN CLOUD</p> <p>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</p> <p>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, Individual 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.</p> <p>Visual Indication 1-LED Based Phase indicating lamps, control RCBOs , CTs, etc.</p> <p>Visual Indication 2-Set - ON/OFF/ TRIP lamps with control RCBOs</p> <p>Additional Controller-Set - Manual Operation Selector switch</p> <p>Signal Relayer-Potential Free Contacts for Remote Monitoring</p> <p>Potential Bus/Busbar: set -32A TPN,Aluminum BUSBAR</p> <p>OUTGOING WITH SMART IoT LINK TO GET DATA IN CLOUD</p>	1.00	No.

	<p>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.</p> <p>32A TPN RCBO, 1 NOS. (TERRACE MESEUM AREA LDB)</p> <p>16A TPN RCBO, 1 NOS. (TERRACE EXTERNAL AREA LDB)</p> <p>32A TPN RCBO, 2 NOS.(SPARE)</p> <p>16A TPN RCBO, 1 NOS.(SPARE)</p>		
	WING-AB UPS BUS DUCT		
1.1	<p>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</p> <p>Main Control Unit/ Incomer WITH SMART IoT LINK TO GET DATA IN CLOUD</p> <p>1 No. -63A 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</p> <p>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, Individual 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.</p> <p>Visual Indication 1-LED Based Phase indicating lamps, control RCBOs , CTs, etc.</p> <p>Visual Indication 2-Set - ON/OFF/ TRIP lamps with control RCBOs</p> <p>Additional Controller-Set - Manual Operation Selector switch</p> <p>Signal Relayer-Potential Free Contacts for Remote Monitoring</p> <p>Potential Bus/Busbar: set -63A TPN,Aluminum BUSBAR</p> <p>OUTGOING WITH SMART IoT LINK TO GET DATA IN CLOUD</p> <p>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.</p> <p>25A TPN RCBO,10KA - 4NOS. (UPS POWER)</p> <p>25A TPN RCBO, 10KA - 3 NOS.(SPARE)</p>	1	No.

1.2	<p>3RD 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</p> <p>Main Control Unit/ Incomer WITH SMART IoT LINK TO GET DATA IN CLOUD</p> <p>1 No. -63A 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</p> <p>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, Individual 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.</p> <p>Visual Indication 1-LED Based Phase indicating lamps, control RCBOs , CTs, etc.</p> <p>Visual Indication 2-Set - ON/OFF/ TRIP lamps with control RCBOs</p> <p>Additional Controller-Set - Manual Operation Selector switch</p> <p>Signal Relay-er-Potential Free Contacts for Remote Monitoring</p> <p>Potential Bus/Busbar: set -63A TPN,Aluminum BUSBAR</p> <p>OUTGOING WITH SMART IoT LINK TO GET DATA IN CLOUD</p> <p>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.</p> <p>25A TPN RCBO,10KA - 6NOS. (UPS POWER)</p> <p>25A TPN RCBO, 10KA - 3 NOS.(SPARE)</p>	1	No.
1.3	<p>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</p> <p>Main Control Unit/ Incomer WITH SMART IoT LINK TO GET DATA IN CLOUD</p> <p>1 No. -63A 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</p>	1	No.

	<p>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, Individual 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.</p> <p>Visual Indication 1-LED Based Phase indicating lamps, control RCBOs , CTs, etc.</p> <p>Visual Indication 2-Set - ON/OFF/ TRIP lamps with control RCBOs</p> <p>Additional Controller-Set - Manual Operation Selector switch</p> <p>Signal Relayer-Potential Free Contacts for Remote Monitoring</p> <p>Potential Bus/Busbar: set -63A TPN,Aluminum BUSBAR</p> <p>OUTGOING WITH SMART IoT LINK TO GET DATA IN CLOUD</p> <p>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.</p> <p>25A TPN RCBO,10KA - 6NOS. (UPS POWER)</p> <p>25A TPN RCBO, 10KA - 3 NOS.(SPARE)</p>		
1.4	<p>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</p> <p>Main Control Unit/ Incomer WITH SMART IoT LINK TO GET DATA IN CLOUD</p> <p>1 No. -125A 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</p> <p>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, Individual 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.</p> <p>Visual Indication 1-LED Based Phase indicating lamps, control RCBOs , CTs, etc.</p> <p>Visual Indication 2-Set - ON/OFF/ TRIP lamps with control RCBOs</p> <p>Additional Controller-Set - Manual Operation Selector switch</p> <p>Signal Relayer-Potential Free Contacts for Remote Monitoring</p> <p>Potential Bus/Busbar: set -125A TPN,Aluminum BUSBAR</p> <p>OUTGOING WITH SMART IoT LINK TO GET DATA IN CLOUD</p>	1	No.

	<p>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.</p> <p>25A TPN RCBO,10KA - 4NOS. (UPS POWER)</p> <p>63A TPN RCBO,10KA - 2NOS. (UPS POWER)</p> <p>25A TPN RCBO, 10KA - 2 NOS.(SPARE)</p> <p>63A TPN RCBO, 10KA - 1 NOS.(SPARE)</p>		
1.5	<p>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--</p> <p>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</p> <p>Main Control Unit/ Incomer WITH SMART IoT LINK TO GET DATA IN CLOUD</p> <p>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</p> <p>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, Individual Harmonics upto 63rd for current and Voltage, High Resolution waveform capture and directly from meter via FTP. Disturbance Direction Detection, Sag/swell on any volatge , current channel.</p> <p>Visual Indication 1-LED Based Phase indicating lamps, control RCBOs , CTs, etc.</p> <p>Visual Indication 2-Set - ON/OFF/ TRIP lamps with control RCBOs</p> <p>Additional Controller-Set - Manual Operation Selector switch</p> <p>Signal Relayer-Potential Free Contacts for Remote Monitoring</p> <p>Potential Bus/Busbar: set -32A TPN,Aluminum BUSBAR</p> <p>OUTGOING WITH SMART IoT LINK TO GET DATA IN CLOUD</p> <p>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.</p> <p>25A TPN RCBO,10KA - 4NOS. (UPS POWER)</p> <p>25A TPN RCBO, 10KA - 3 NOS.(SPARE)</p>	1	No.

1.6	<p>6TH UPPER 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</p> <p>Main Control Unit/ Incomer WITH SMART IoT LINK TO GET DATA IN CLOUD</p> <p>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</p> <p>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, Individual 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.</p> <p>Visual Indication 1-LED Based Phase indicating lamps, control RCBOs , CTs, etc.</p> <p>Visual Indication 2-Set - ON/OFF/ TRIP lamps with control RCBOs</p> <p>Additional Controller-Set - Manual Operation Selector switch</p> <p>Signal Relay- Potential Free Contacts for Remote Monitoring</p> <p>Potential Bus/Busbar: set -32A TPN,Aluminum BUSBAR</p> <p>OUTGOING WITH SMART IoT LINK TO GET DATA IN CLOUD</p> <p>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.</p> <p>25A TPN RCBO,10KA - 6NOS. (UPS POWER)</p> <p>25A TPN RCBO, 10KA - 3 NOS.(SPARE)</p>	1	No.
1.7	<p>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</p> <p>Main Control Unit/ Incomer WITH SMART IoT LINK TO GET DATA IN CLOUD</p> <p>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</p>	1	No.

	<p>Basic Event Summary and Pass/Fail Reports for IEEE 519 for Voltage and current Harmonics, 50/60 Power Frequency, supply voltage indication, Supply Voltage Dips, Short and Long interruptions, Temporary Over Voltages, Voltage Unbalance and Harmonic Voltage. THD on Voltage and current harmonics with custom alarming, Individual Harmonics upto 63rd for current and Voltage, High Resolution waveform capture and directly from meter via FTP. Disturbance Direction Detection, Sag/swell on any voltage , current channel.</p> <p>Visual Indication 1-LED Based Phase indicating lamps, control RCBOs , CTs, etc.</p> <p>Visual Indication 2-Set - ON/OFF/ TRIP lamps with control RCBOs</p> <p>Additional Controller-Set - Manual Operation Selector switch</p> <p>Signal Relayer-Potential Free Contacts for Remote Monitoring</p> <p>Potential Bus/Busbar: set -32A TPN,Aluminum BUSBAR</p> <p>OUTGOING WITH SMART IoT LINK TO GET DATA IN CLOUD</p> <p>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.</p> <p>25A TPN RCBO,10KA - 2NOS. (UPS POWER)</p> <p>25A TPN RCBO, 10KA - 3 NOS.(SPARE)</p>		
	WING-CD UPS BUS DUCT		
1.1	<p>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 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</p> <p>Main Control Unit/ Incomer WITH SMART IoT LINK TO GET DATA IN CLOUD</p> <p>1 No. -63A 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</p> <p>Basic Event Summary and Pass/Fail Reports for IEEE 519 for Voltage and current Harmonics, 50/60 Power Frequency, supply voltage indication, Supply Voltage Dips, Short and Long interruptions, Temporary Over Voltages, Voltage Unbalance and Harmonic Voltage. THD on Voltage and current harmonics with custom alarming, Individual Harmonics upto 63rd for current and Voltage, High Resolution waveform capture and directly from meter via FTP. Disturbance Direction Detection, Sag/swell on any voltage , current channel.</p> <p>Visual Indication 1-LED Based Phase indicating lamps, control RCBOs , CTs, etc.</p> <p>Visual Indication 2-Set - ON/OFF/ TRIP lamps with control RCBOs</p> <p>Additional Controller-Set - Manual Operation Selector switch</p> <p>Signal Relayer-Potential Free Contacts for Remote Monitoring</p> <p>Potential Bus/Busbar: set -63A TPN,Aluminum BUSBAR</p> <p>OUTGOING WITH SMART IoT LINK TO GET DATA IN CLOUD</p>	1	No.

	<p>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.</p> <p>32A TPN RCBO,10KA - 1NOS. (UPS POWER)</p> <p>25A TPN RCBO,10KA - 2NOS. (UPS POWER)</p> <p>25A TPN RCBO, 10KA - 2 NOS.(SPARE)</p> <p>32A TPN RCBO, 10KA - 1 NOS.(SPARE)</p>		
1.2	<p>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</p> <p>Main Control Unit/ Incomer WITH SMART IoT LINK TO GET DATA IN CLOUD</p> <p>1 No. -63A 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</p> <p>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, Individual 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.</p> <p>Visual Indication 1-LED Based Phase indicating lamps, control RCBOs , CTs, etc.</p> <p>Visual Indication 2-Set - ON/OFF/ TRIP lamps with control RCBOs</p> <p>Additional Controller-Set - Manual Operation Selector switch</p> <p>Signal Relayer-Potential Free Contacts for Remote Monitoring</p> <p>Potential Bus/Busbar: set -63A TPN,Aluminum BUSBAR</p> <p>OUTGOING WITH SMART IoT LINK TO GET DATA IN CLOUD</p> <p>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.</p> <p>25A TPN RCBO,10KA - 6NOS. (UPS POWER)</p> <p>25A TPN RCBO, 10KA - 3 NOS.(SPARE)</p>	1	No.

1.3	<p>3RD 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</p> <p>Main Control Unit/ Incomer WITH SMART IoT LINK TO GET DATA IN CLOUD</p> <p>1 No. -63A 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</p> <p>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, Individual 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.</p> <p>Visual Indication 1-LED Based Phase indicating lamps, control RCBOs , CTs, etc.</p> <p>Visual Indication 2-Set - ON/OFF/ TRIP lamps with control RCBOs</p> <p>Additional Controller-Set - Manual Operation Selector switch</p> <p>Signal Relay-er-Potential Free Contacts for Remote Monitoring</p> <p>Potential Bus/Busbar: set -63A TPN,Aluminum BUSBAR</p> <p>OUTGOING WITH SMART IoT LINK TO GET DATA IN CLOUD</p> <p>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.</p> <p>25A TPN RCBO,10KA - 6NOS. (UPS POWER)</p> <p>25A TPN RCBO, 10KA - 3 NOS.(SPARE)</p>	1	No.
1.4	<p>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 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</p> <p>Main Control Unit/ Incomer WITH SMART IoT LINK TO GET DATA IN CLOUD</p> <p>1 No. -63A 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</p>	1	No.

	<p>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, Individual 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.</p> <p>Visual Indication 1-LED Based Phase indicating lamps, control RCBOs , CTs, etc.</p> <p>Visual Indication 2-Set - ON/OFF/ TRIP lamps with control RCBOs</p> <p>Additional Controller-Set - Manual Operation Selector switch</p> <p>Signal Relayer-Potential Free Contacts for Remote Monitoring</p> <p>Potential Bus/Busbar: set -63A TPN,Aluminum BUSBAR</p> <p>OUTGOING WITH SMART IoT LINK TO GET DATA IN CLOUD</p> <p>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.</p> <p>25A TPN RCBO,10KA - 5NOS. (UPS POWER)</p> <p>25A TPN RCBO, 10KA - 3 NOS.(SPARE)</p>		
1.5	<p>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 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</p> <p>Main Control Unit/ Incomer WITH SMART IoT LINK TO GET DATA IN CLOUD</p> <p>1 No. -63A 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</p> <p>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, Individual 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.</p> <p>Visual Indication 1-LED Based Phase indicating lamps, control RCBOs , CTs, etc.</p> <p>Visual Indication 2-Set - ON/OFF/ TRIP lamps with control RCBOs</p> <p>Additional Controller-Set - Manual Operation Selector switch</p> <p>Signal Relayer-Potential Free Contacts for Remote Monitoring</p> <p>Potential Bus/Busbar: set -63A TPN,Aluminum BUSBAR</p> <p>OUTGOING WITH SMART IoT LINK TO GET DATA IN CLOUD</p>	1	No.

	<p>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.</p> <p>25A TPN RCBO,10KA - 6NOS. (UPS POWER)</p> <p>25A TPN RCBO, 10KA - 3 NOS.(SPARE)</p>		
1.6	<p>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</p> <p>Main Control Unit/ Incomer WITH SMART IoT LINK TO GET DATA IN CLOUD</p> <p>1 No. -80A 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</p> <p>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, Individual 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.</p> <p>Visual Indication 1-LED Based Phase indicating lamps, control RCBOs , CTs, etc.</p> <p>Visual Indication 2-Set - ON/OFF/ TRIP lamps with control RCBOs</p> <p>Additional Controller-Set - Manual Operation Selector switch</p> <p>Signal Relayer-Potential Free Contacts for Remote Monitoring</p> <p>Potential Bus/Busbar: set -80A TPN,Aluminum BUSBAR</p> <p>OUTGOING WITH SMART IoT LINK TO GET DATA IN CLOUD</p> <p>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.</p> <p>25A TPN RCBO,10KA - 6NOS. (UPS POWER)</p> <p>32A TPN RCBO,10KA - 2NOS. (UPS POWER)</p> <p>25A TPN RCBO, 10KA - 2 NOS.(SPARE)</p> <p>32A TPN RCBO, 10KA - 1 NOS.(SPARE)</p>	1	No.

1.7	<p>6TH UPPER 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</p> <p>Main Control Unit/ Incomer WITH SMART IoT LINK TO GET DATA IN CLOUD</p> <p>1 No. -63A 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</p> <p>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, Individual 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.</p> <p>Visual Indication 1-LED Based Phase indicating lamps, control RCBOs , CTs, etc.</p> <p>Visual Indication 2-Set - ON/OFF/ TRIP lamps with control RCBOs</p> <p>Additional Controller-Set - Manual Operation Selector switch</p> <p>Signal Relay-er-Potential Free Contacts for Remote Monitoring</p> <p>Potential Bus/Busbar: set -63A TPN,Aluminum BUSBAR</p> <p>OUTGOING WITH SMART IoT LINK TO GET DATA IN CLOUD</p> <p>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.</p> <p>25A TPN RCBO,10KA - 7NOS. (UPS POWER)</p> <p>25A TPN RCBO, 10KA - 3 NOS.(SPARE)</p>	1	No.
	<p>INVERTER DISTRIBUTION PANEL</p>		
1	<p>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</p> <p>Main Control Unit/ Incomer WITH SMART IoT LINK TO GET DATA IN CLOUD</p> <p>1 No. -63A 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</p>	1	No.

	<p>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, Individual 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.</p> <p>Visual Indication 1-LED Based Phase indicating lamps, control RCBOs , CTs, etc.</p> <p>Visual Indication 2-Set - ON/OFF/ TRIP lamps with control RCBOs</p> <p>Additional Controller-Set - Manual Operation Selector switch</p> <p>Signal Relayer-Potential Free Contacts for Remote Monitoring</p> <p>Potential Bus/Busbar: set -63A TPN,Aluminum BUSBAR</p> <p>OUTGOING WITH SMART IoT LINK TO GET DATA IN CLOUD</p> <p>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.</p> <p>25A TPN RCBO,10KA - 8NOS. (EMERGENCY LIGHT DB)</p> <p>25A TPN RCBO, 10KA - 3 NOS.(SPARE)</p>		
1.3	<p>LIGHT,POWER, INDOOR AC, PANEL</p> <p>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 supply,</p> <p>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)</p> <p>Potential Bus/Busbar 1 set - 2000A TPN+E 91E Aluminium busbar,Insulated with heat shrinkable sleeves</p> <p>Feeder section/Outgoing :</p> <p>WING A BUSDUCT -1 No. -- 250A TPN MCCB 25kA, TPN /TM with O/C,S/C,E/F,</p> <p>WING B BUSDUCT -1 No. -- 400A TPN MCCB 25kA, TPN /MP with O/C,S/C,E/F</p> <p>WING C BUSDUCT -1 No. -- 250A TPN MCCB 25kA, TPN / TM with O/C,S/C,E/F</p> <p>WING D BUSDUCT -1 No. -- 400A TPN MCCB 25kA, TPN / MP with O/C,S/C,E/F</p> <p>BASEMENT FLOOR LIGHT PANEL -1 No. -- 32A TPN MCCB 25kA, TPN / TM with O/C,S/C,E/F</p> <p>GROUND FLOOR LIGHT PANEL -1 No. -- 25A TPN MCCB 25kA, TPN / TM with O/C,S/C,E/F</p> <p>BASEMENT FLOOR ,POWER,INDOOR AC, PANEL -1 No. -- 32A TPN MCCB 25kA, TPN / TM with O/C,S/C,E/F</p> <p>GROUND FLOOR ,POWER,INDOOR AC, PANEL -1 No. -- 125A TPN MCCB 25kA, TPN / TM with O/C,S/C,E/F</p>	1	No.

	30 KVA INVERTER LIGHT DB -1 No. -- 63A TPN MCCB 25kA, TPN / TM with O/C,S/C,E/F		
	UPS INCOMING PANEL -1 No. -- 800A TPN ACB 25kA, TPN / MP with O/C,S/C,E/F		
	SPARE - 1 Nos - 200A TPN MCCB 25KA TPN / TM with O/C,S/C,E/F		
	SPARE - 1 Nos - 400A TPN MCCB 25KA TPN / MP with O/C,S/C,E/F		
	SPARE - 1 Nos - 630A TPN MCCB 25KA TPN / MP with O/C,S/C,E/F		
	SPARE - 1 Nos - 125A TPN MCCB 25KA TPN / MP with O/C,S/C,E/F		
	SPARE - 1 Nos - 63 TPN MCCB 25KA TPN / MP with O/C,S/C,E/F		
	As directed by Engineer in charge, Make - SCHNEIDER / LEGRAND/ SIEMENS / L&T / HAVELLS/DB ELECTRICALS/PRATIK SYSTEMS		
A.3	INTERNAL COMMON AREA WORK		
1.3	WIRE / POINT WIRING :-Make (WIRE) - RR / FINOLEX / ANCHOR / POLYCAB / HAVELS //BONTONMake (CONDUIT) - BEC / VIMCO / JINDAL		
	Wiring for circuit/ submain wiring along with earth wire with the following sizes of LSZH /ZHFR/HFFR insulated copper conductor wire in surface/ recessed hot dipped GI conduit as required. As directed by Engineer in charge Make (WIRE) - RR / FINOLEX / ANCHOR / POLYCAB / HAVELS Make (CONDUIT) - BEC / VIMCO / JINDAL		
1.3.4	2 X 1.5 sq. mm + 1 X 1.5 sq. mm earth wire in provided conduit	25360	M
1.3.5	2 X 2.5 sq. mm + 1 X 2.5 sq. mm earth wire in provided conduit Conduit	15056	M
1.3.6	2 X 4 sq. mm + 1 X 4 sq. mm earth wire in provided conduit	3300	M
1.3.7	Supplying & erecting mains with 2x1.5 sq.mm. and earth wire 1.5 sq.mm LSZH /ZHFR/HFFR copper wire, in existing raceways/conduit As directed by Engineer in charge. Make - RR / FINOLEX / POLYCAB /HAVELLS	49544	M
1.3.8	Supplying & erecting mains with 2x2.5 sq.mm. and earth wire 1.5 sq.mm LSZH /ZHFR/HFFR copper wire in existing raceways/conduit As directed by Engineer in charge. Make - RR / FINOLEX / POLYCAB /HAVELLS	50149	M
1.3.9	Supplying & erecting mains with 2x4 sq.mm. and earth wire 2.5 sq.mm LSZH /ZHFR/HFFR copper wire in existing raceways/conduit, As directed by Engineer in charge. Make - RR / FINOLEX / POLYCAB /HAVELLS	5500	M
	TOTAL OF WIRE / POINT WIRING		
1.3a	HDPE PIPE/CONDUIT:-		
1.3b	Supply & laying I.S.I. mark 'B' class GI Pipe for surface / under ground cable protection As directed by Engineer in charge Make - BEC / VIMCO / JINDAL		
1.3.21	20 mm dia.	25000	RMtr.
1.3.22	25 mm dia.	25000	RMtr.
A.4	LIGHTING FIXTURE		
1.1	INDOOR TUBE LIGHT		
	NEW LIGHTS ADDED		

1.6.3	Supplying and erecting LED square / circular Max. 7W down lighter/ 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	586	Each
1.6.4	Supplying and erecting LED square / circular Max. 18 W down lighter/ Panel Light Dimmable 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. Make- SURYA ELECTRICALS / PHILIPS / BAJAJ / HAVELLS / PANASONIC / WIPRO	40	Each
1.6.5	Supplying and erecting LED square / circular Max. 18 W down lighter/ EXTERIOR GRADE Panel Light 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. Make- SURYA ELECTRICALS / PHILIPS / BAJAJ / HAVELLS / PANASONIC / WIPRO	278	Each
1.6.6	Supplying and erecting LED square / circular Max. 7W down lighter/ Panel Light Exterior grade 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	234	Each

1.6.7

Supplying and erecting **LED Profile light of Size 2450x50 mm app. 80 W down lighter/ Panel**

521

Each

Light having powder coated aluminium housing, polystyrene diffuser 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 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

GST EXTRA AS APPLICABLE

वर नमूद सुचित दर्शाविलेल्या बाबींचे पुरवठा करणारे पुरवठादार/दुकानदार/उत्पादक/विक्रेते यांना नमूद केलेल्या बाबीकरीता असलेले दर स्वतःच्या लेटरहेडवर महापालिकेच्या कार्यालयाने अथवा ई-मेल द्वारे pmcbandhkamdept01@gmail.com यावर दिनांक १२/१२/२०२३ पर्यंत पाठवावे हा विनंती. सदर दर हे अंदाजपत्रक तयार करणेसाठी गृहित धरणेत येणार आहेत.

M. H. S.

कार्यकारी अभियंता (प्रकल्प)

पनवेल महानगरपालिका

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

दि. १ / १२ / २०२३

प्रत माहितीस्तव —

१. प्रसिध्दीकरीता
२. माहिती फलक करीता