BOQ FOR ADDITIONAL WORKS OF TIRUPATI CIRCLE OFFICE

S.NO DESCRIPTION OF ITEM Supply and installation of VTPN DB, wall mounted front operated totally enclosed vermin proof, as per manufacturers specifications, incorporating horizontal and vertical sleeved aluminium busbars, complete with all internal wiring, danger board, two earthing legs, cable chamber etcshrouded bus bar netural bus bar ocomer safe door earthing etc. as required, housing below-mentioned switchgears / meters. (DB got to be approved by Bank / Architect) [MCCB - L&T/MDS, MCB-MDS/Hager) 8 way Three Phase VTPN DB(with Double door) for Floor distributionB's incomer: 100A #P 16KA MCCB ii) Outgoing: 40A DP MCB 4 Nos iii) 63A DP MCB 6 Nos S & 1 of 12 WAY SPN, DB similar to above for UPS - OUTPUT DB as per 1.2 the layout . 1 no, 40/63A, DP, MCB incomer 5 Nos. 32 AMPS,DP, MCB, outgoing Full Set as above nos 3 S & 1 of 8 WAY SPN, DB similar to above for UPS - DB as per the layout . 1.3 1 no, 40/63A, DP, MCB incomer 8 Nos. 16 AMPS,SP, MCB, outgoing Full Set as above nos 6 Suply and installation of 6 way, TPN MCB type AC distribution Board flush mounted on wall, sheet metal fabricated, powder coated, having dust; proof and vermin proof, gasketed and hinged door with all internals such as DIN ralls, neutral - link, interconnected wiring, complete with earthing lunds housing following switchgears (ACDB) . 1.4 1 no.,63A, TPN, MCB incomer 18 nos, 6-32, SP, MCB outgoing Full Set as above nos 2 S & 1 of 100A,FP MCCB/MCB switch in sheet metal enclosure UPS in & nos 6 1.5 OUT PUT Supplay and Laying 4 vuns X 10 Sq.mm Copper. Flexibul cable for UPS Incoming & Out going 2 Supplay and Laying 4 vuns X 10 Sq.mm Cuprer. Flexibul cable for UPS Incoming & Out going 3 1.4 1 no.,63A, TPN, MCB incomer 18 nos, 6-32, SP, MCB outgoing Full Set as above nos 2 Supplay and Laying 4 vuns X 10 Sq.mm Cuprer. Flexibul cable for UPS Incoming & Out going 3 Supplay and Laying 4 vuns X 10 Sq.mm Cuprer. Flexibul cable for UPS Incoming & Out going 4 vuns X 10 Sq.mm Cuprer VVYS AC Out Door 3 Junit to Whether prof box
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1.1 I)Incomer: 100A 4P 16KA MCCB ii) Outgoing: 40A DP MCB 4 Nos iii) 63A DP MCB 6 Nos S & I of 12 WAY SPN, DB similar to above for UPS - OUTPUT DB as per 1.2 the layout 1.3 1.0, 40/63A, DP, MCB incomer 5 Nos. 32 AMPS,DP, MCB, outgoing Full Set as above nos 3 1.3 1.0, 40/63A, DP, MCB incomer
Incomer: 100A 4P 16KA MCCB II) Outgoing: 40A DP MCB 4 Nos III) 63A DP MCB 6 Nos S & I of 12 WAY SPN, DB similar to above for UPS - OUTPUT DB as per 1.2 the layout. 1 no, 40/63A, DP, MCB incomer 5 Nos. 32 AMPS,DP, MCB, outgoing Full Set as above nos 3 S & I of 8 WAY SPN, DB similar to above for UPS - DB as per the layout. 1.3 1 no, 40/63A, DP, MCB incomer 8 Nos. 16 AMPS,SP, MCB, outgoing nos 6 Suply and installation of 6 way, TPN MCB type AC distribution Board flush mounted on wall, sheet metal fabricated, powder coated, having dust - proof and vermin proof, gasketed and hinged door with all internals such as DIN rails, neutral - link, interconnected wiring, complete with earthing lugs housing following switchgears (ACDB). 1.4 1 no,63A, TPN, MCB incomer 18 nos, 6-32, SP, MCB outgoing Full Set as above 1.5 & I of 100A,FP MCCB/MCB switch in sheet metal enclosure UPS IN & nos 6 Supplay and Laying 4runs X 10 Sq.mm Copper. Flexibul cable for UPS Incoming & Out goings 2 Supplay and Laying 4C X 16 Sq.mm CU. Arm cable for VRV'S AC Out Door 3 Unit to Whether prof box Supplay and Laying 3C X 25 Sq.mm AL . Arm cable for VRV'S AC Out Door 4 Supplay and Laying 3C X 25 Sq.mm AL . Arm cable for VRV'S AC Out Door 5 Supplay and Laying 4C X 6 Sq.mm CU. Flexibul cable for Cassette Acs 6 Indoor units 7 Supplay and Laying 4C X 6 Sq.mm AL armord cable. VTPN Db incoing 8 Supplay and Laying 4C X 6 Sq.mm AL armord cable of AC DB'S INCOMING 8 Supplay and Laying 4C X 6 Sq.mm AL armord cable. VTPN Db incoing 8 Supplay and Laying 4C X 6 Sq.mm Cu. Arm cable for AC DB'S INCOMING 9 Supplay and Laying 4C X 6 Sq.mm Cu. Arm cable for AC DB'S INCOMING 1 Supplay and Laying main panel to Ac panel 4 core 185 sqmm Al armord 1 cable 1 Supplay and Laying main panel to Lighting Row power panel 4 core 120
S & I of 12 WAY SPN, DB similar to above for UPS - OUTPUT DB as per the layout. 1 no. 40/63A, DP, MCB incomer 5 Nos. 32 AMPS,DP, MCB outgoing Full Set as above nos 3 S & I of 8 WAY SPN, DB similar to above for UPS - DB as per the layout . 1.3 1 no. 40/63A, DP, MCB incomer 8 Nos. 16 AMPS,SP, MCB, outgoing nos 6 Suply and installation of 6 way, TPN MCB type AC distribution Board flush mounted on wall, sheet metal fabricated, powder coated, having dust - proof and vermin proof, gasketed and hinged door with all internals such as DIN rails, neutral - link, interconnected wiring, complete with earthing lugs housing following switchgears (ACDB). 1.4 1 no.63A, TPN, MCB incomer 18 nos, 6-32, SP, MCB outgoing Full Set as above nos 2 S & I of 100A,FP MCCB/MCB switch in sheet metal enclosure UPS IN & nos 6 OUT PUT Supplay and Laying 4runs X 10 Sq.mm Copper. Flexibul cable for UPS Incoming & Out goings Supplay and Laying 4C X 16 Sq.mm CU. Arm cable for VRV'S AC Out Door Unit to Whether prof box Supplay and Laying 4C X 25 Sq.mm AL . Arm cable for VRV'S AC Out Door Unit AC Panel To Whether prof box Supplay and Laying 4C X 25 Sq.mm AL . Arm cable for Cassette Acs Indoor units Supplay and Laying 4C X 95 sq.mm AL armord cable. VTPN Db incoing Mtr 30 Supplay and Laying 4C X 95 sq.mm Al armord cable. VTPN Db incoing Mtr 30 Supplay and Laying 4C X 95 sq.mm Al armord cable Acore 185 sqmm Al armord Cable Supplay and Laying main panel to Lighting Row power panel 4 core 120
1.2 the layout. 1 no, 40/63A, DP, MCB incomer 5 Nos. 32 AMPS,DP, MCB, outgoing Full Set as above nos 3 S & I of 8 WAY SPN, DB similar to above for UPS - DB as per the layout. 1 no, 40/63A, DP, MCB incomer 8 Nos. 16 AMPS,SP, MCB, outgoing nos 6 Suply and installation of 6 way, TPN MCB type AC distribution Board flush mounted on wall, sheet metal fabricated, powder coated, having dust - proof and vermin proof, gasketed and hinged door with all internals such as DIN rails, neutral - link, interconnected wiring, complete with earthing lugs housing following switchgears (ACDB). 1 no.,63A, TPN, MCB incomer 18 nos, 6-32, SP, MCB outgoing Full Set as above nos 2 S & I of 100A, FP MCCB/MCB switch in sheet metal enclosure UPS IN & nos 6 1.5 OUT PUT Supplay and Laying 4runs X 10 Sq.mm Copper. Flexibul cable for UPS Incoming & Out goings Supplay and Laying 4C X 16 Sq.mm CU. Arm cable for VRV'S AC Out Door Unit to Whether prof box Supplay and Laying 4C X 25 Sq.mm AL . Arm cable for VRV'S AC Out Door Unit to Whether prof box Supplay and Laying 3C X 2.5 Sq.mm CU. Flexibul cable for Cassette Acs Indicor units Supplay and Laying 4C X 6 Sq.mm CU. Flexibul cable for Cassette Acs Indicor units Supplay and Laying 4C X 95 sq.mm Al armord cable. VTPN Db incoing Supplay and Laying 4C X 6 Sq.mm Cu. Arm cable for AC DB'S INCOMING Supplay and Laying main panel to Ac panel 4 core 185 sqmm Al armord Supplay and Laying main panel to Lighting Row power panel 4 core 120
1.2 the layout. 1 no, 40/63A, DP, MCB incomer 5 Nos. 32 AMPS,DP, MCB, outgoing Full Set as above nos 3 S & I of 8 WAY SPN, DB similar to above for UPS - DB as per the layout. 1 no, 40/63A, DP, MCB incomer 8 Nos. 16 AMPS,SP, MCB, outgoing nos 6 Suply and installation of 6 way, TPN MCB type AC distribution Board flush mounted on wall, sheet metal fabricated, powder coated, having dust - proof and vermin proof, gasketed and hinged door with all internals such as DIN rails, neutral - link, interconnected wiring, complete with earthing lugs housing following switchgears (ACDB). 1 no.,63A, TPN, MCB incomer 18 nos, 6-32, SP, MCB outgoing Full Set as above nos 2 S & I of 100A, FP MCCB/MCB switch in sheet metal enclosure UPS IN & nos 6 1.5 OUT PUT Supplay and Laying 4runs X 10 Sq.mm Copper. Flexibul cable for UPS Incoming & Out goings Supplay and Laying 4C X 16 Sq.mm CU. Arm cable for VRV'S AC Out Door Unit to Whether prof box Supplay and Laying 4C X 25 Sq.mm AL . Arm cable for VRV'S AC Out Door Unit to Whether prof box Supplay and Laying 3C X 2.5 Sq.mm CU. Flexibul cable for Cassette Acs Indicor units Supplay and Laying 4C X 6 Sq.mm CU. Flexibul cable for Cassette Acs Indicor units Supplay and Laying 4C X 95 sq.mm Al armord cable. VTPN Db incoing Supplay and Laying 4C X 6 Sq.mm Cu. Arm cable for AC DB'S INCOMING Supplay and Laying main panel to Ac panel 4 core 185 sqmm Al armord Supplay and Laying main panel to Lighting Row power panel 4 core 120
1 no, 40/63A, DP, MCB incomer 5 Nos. 32 AMPS,DP, MCB, outgoing Full Set as above 1.3 S & I of 8 WAY SPN, DB similar to above for UPS - DB as per the layout . 1.3 1 no, 40/63A, DP, MCB incomer 8 Nos. 16 AMPS,SP, MCB, outgoing Suply and installation of 6 way, TPN MCB type AC distribution Board flush mounted on wall, sheet metal fabricated, powder coated , having dust - proof and vermin proof, gasketed and hinged door with all internals such as DIN rails, neutral - link, interconnected wiring, complete with earthing lugs housing following switchgears (ACDB) . 1.4 1 no, 63A, TPN, MCB incomer 18 nos, 6-32, SP, MCB outgoing Full Set as above nos 2 S & I of 100A,FP MCCB/MCB switch in sheet metal enclosure UPS IN & nos 6 Outr PUT Supplay and Laying 4runs X 10 Sq.mm Copper. Flexibul cable for UPS Incoming & Out goings Supplay and Laying 4C X 16 Sq.mm CU. Arm cable for VRV'S AC Out Door Unit to Whether prof box Supplay and Laying 4C X 25 Sq.mm AL . Arm cable for VRV'S AC Out Door Unit to Whether prof box Supplay and Laying 3C X 2.5 Sq.mm AL . Arm cable for Cassette Acs Indoor units Supplay and Laying 4C X 95 Sq.mm AL armord cable. VTPN Db incoing Supplay and Laying 4C X 95 sq.mm AL armord cable. VTPN Db incoing Supplay and Laying 4C X 95 Sq.mm AL armord cable. VTPN Db incoing Supplay and Laying main panel to Ac panel 4 core 185 sqmm Al armord Supplay and Laying main panel to Lighting Row power panel 4 core 120
5 Nos. 32 AMPS,DP, MCB, outgoing Full Set as above nos 3 S & I of 8 WAY SPN, DB similar to above for UPS - DB as per the layout . 1 no, 40/63A, DP, MCB incomer 8 Nos. 16 AMPS,SP, MCB, outgoing nos 6 Suply and installation of 6 way, TPN MCB type AC distribution Board flush mounted on wall, sheet metal fabricated, powder coated , having dust - proof and vermin proof, gasketed and hinged door with all internals such as DIN rails, neutral - link, interconnected wiring, complete with earthing lugs housing following switchgears (ACDB) . 1.4 1 no.,63A, TPN, MCB incomer 18 nos, 6-32, SP, MCB outgoing Full Set as above nos 2 S & I of 100A,FP MCCB/MCB switch in sheet metal enclosure UPS IN & nos 6 1.5 OUT PUT Supplay and Laying 4runs X 10 Sq.mm Copper. Flexibul cable for UPS Incoming & Out goings Supplay and Laying 4C X 16 Sq.mm CU. Arm cable for VRV'S AC Out Door Unit to Whether prof box Supplay and Laying 3C X 2.5 Sq.mm AL . Arm cable for VRV'S AC Out Door Unit to Whether prof box Supplay and Laying 3C X 2.5 Sq.mm CU.Flexibul cable for Cassette Acs Indoor units Supplay and Laying 4C X 95 sq.mm Al armord cable. VTPN Db incoing Supplay and Laying 4C X 6 Sq.mm Cu. Arm cable for AC DB'S INCOMING Supplay and Laying 3C X 2.5 Sq.mm Al armord cable. VTPN Db incoing Supplay and Laying 4C X 6 Sq.mm Cu. Arm cable for AC DB'S INCOMING Supplay and Laying main panel to Ac panel 4 core 185 sqmm Al armord cable. Supplay and Laying main panel to Lighting Row power panel 4 core 120
Full Set as above nos 3 S & I of 8 WAY SPN, DB similar to above for UPS - DB as per the layout . 1 no, 40/63A, DP, MCB incomer 8 Nos. 16 AMPS,SP, MCB, outgoing nos 6 Suply and installation of 6 way, TPN MCB type AC distribution Board flush mounted on wall, sheet metal fabricated, powder coated , having dust - proof and vermin proof, gasketed and hinged door with all internals such as DIN rails, neutral - link, interconnected wiring, complete with earthing lugs housing following switchgears (ACDB) . 1.4 1 no.,63A, TPN, MCB incomer 18 nos, 6-32, SP, MCB outgoing Full Set as above nos 2 S & I of 100A,FP MCCB/MCB switch in sheet metal enclosure UPS IN & nos 6 Supplay and Laying 4runs X 10 Sq.mm Copper. Flexibul cable for UPS Incoming & Out goings Supplay and Laying 4C X 16 Sq.mm CU. Arm cable for VRV'S AC Out Door 3 Unit to Whether prof box Supplay and Laying 4C X 25 Sq.mm AL . Arm cable for VRV'S AC Out Door 3.1 Unit Ac Panel To Whether prof box Supplay and Laying 4C X 25 Sq.mm CU. Flexibul cable for Cassette Acs Indoor units 5 Supplay and Laying 4C X 95 sq.mm CU. Flexibul cable for AC DB'S INCOMING 6 Supplay and Laying 4C X 95 sq.mm Al armord cable. VTPN Db incoing Mtr 30 Supplay and Laying and Cay Sp. Sq.mm Al armord cable. VTPN Db incoing Mtr 80 Supplay and Laying main panel to Ac panel 4 core 185 sqmm Al armord Mtr 15 Supplay and Laying main panel to Lighting Row power panel 4 core 120
1.3 S & I of 8 WAY SPN, DB similar to above for UPS - DB as per the layout . 1 no, 40/63A, DP, MCB incomer 8 Nos. 16 AMPS,SP, MCB, outgoing Suply and installation of 6 way, TPN MCB type AC distribution Board flush mounted on wall, sheet metal fabricated, powder coated , having dust - proof and vermin proof, gasketed and hinged door with all internals such as DIN rails, neutral - link, interconnected wiring, complete with earthing lugs housing following switchgears (ACDB) . 1.4 1 no.,63A, TPN, MCB incomer 18 nos, 6-32, SP, MCB outgoing Full Set as above nos 2 S & I of 100A, FP MCCB/MCB switch in sheet metal enclosure UPS IN & nos 6 1.5 OUT PUT Supplay and Laying 4runs X 10 Sq.mm Copper. Flexibul cable for UPS Incoming & Out goings Supplay and Laying 4C X 16 Sq.mm CU. Arm cable for VRV'S AC Out Door 3 Unit to Whether prof box Supplay and Laying 4C X 25 Sq.mm AL . Arm cable for VRV'S AC Out Door 3.1 Unit Ac Panel To Whether prof box Supplay and Laying 3C X 2.5 Sq.mm CU. Flexibul cable for Cassette Acs 4 Indoor units Supplay and Laying 4C X 95 Sq.mm CU. Flexibul cable for AC DB'S INCOMING 6 Supplay and Laying main panel to Ac panel 4 core 185 sqmm Al armord Altr 15 Supplay and Laying main panel to Lighting Row power panel 4 core 120
1.3 S & I of 8 WAY SPN, DB similar to above for UPS - DB as per the layout . 1 no, 40/63A, DP, MCB incomer 8 Nos. 16 AMPS,SP, MCB, outgoing Suply and installation of 6 way, TPN MCB type AC distribution Board flush mounted on wall, sheet metal fabricated, powder coated , having dust - proof and vermin proof, gasketed and hinged door with all internals such as DIN rails, neutral - link, interconnected wiring, complete with earthing lugs housing following switchgears (ACDB) . 1.4 1 no.,63A, TPN, MCB incomer 18 nos, 6-32, SP, MCB outgoing Full Set as above nos 2 S & I of 100A, FP MCCB/MCB switch in sheet metal enclosure UPS IN & nos 6 1.5 OUT PUT Supplay and Laying 4runs X 10 Sq.mm Copper. Flexibul cable for UPS Incoming & Out goings Supplay and Laying 4C X 16 Sq.mm CU. Arm cable for VRV'S AC Out Door 3 Unit to Whether prof box Supplay and Laying 4C X 25 Sq.mm AL . Arm cable for VRV'S AC Out Door 3.1 Unit Ac Panel To Whether prof box Supplay and Laying 3C X 2.5 Sq.mm CU. Flexibul cable for Cassette Acs 4 Indoor units Supplay and Laying 4C X 95 Sq.mm CU. Flexibul cable for AC DB'S INCOMING 6 Supplay and Laying main panel to Ac panel 4 core 185 sqmm Al armord Altr 15 Supplay and Laying main panel to Lighting Row power panel 4 core 120
1.3 1 no, 40/63A, DP, MCB incomer 8 Nos. 16 AMPS,SP, MCB, outgoing Suply and installation of 6 way, TPN MCB type AC distribution Board flush mounted on wall, sheet metal fabricated, powder coated, having dust - proof and vermin proof, gasketed and hinged door with all internals such as DIN rails, neutral - link, interconnected wiring, complete with earthing lugs housing following switchgears (ACDB). 1.4 1 no.,63A, TPN, MCB incomer 18 nos, 6-32, SP, MCB outgoing Full Set as above nos 2 S & I of 100A,FP MCCB/MCB switch in sheet metal enclosure UPS IN & nos 6 OUT PUT Supplay and Laying 4runs X 10 Sq.mm Copper. Flexibul cable for UPS Incoming & Out goings Supplay and Laying 4C X 16 Sq.mm CU. Arm cable for VRV'S AC Out Door 3 Unit to Whether prof box Supplay and Laying 4C X 25 Sq.mm AL . Arm cable for VRV'S AC Out Door 3.1 Unit & Ac Panel To Whether prof box Supplay and Laying 3C X 2.5 Sq.mm AL . Arm cable for Cassette Acs Indoor units Supplay and Laying 4C X 6 Sq.mm CU. Flexibul cable for Cassette Acs Indoor units Supplay and Laying 4C X 6 Sq.mm Cu. Arm cable for AC DB'S INCOMING Mtr 80 Supplay and Laying 4C X 6 Sq.mm Cu. Arm cable for AC DB'S INCOMING Mtr 80 Supplay and Laying 4C X 6 Sq.mm Cu. Arm cable for AC DB'S INCOMING Mtr 80 Supplay and Laying and not panel to Ac panel 4 core 185 sqmm Al armord Mtr 15 Supplay and Laying main panel to Lighting Row power panel 4 core 120
1 no, 40/63A, DP, MCB incomer 8 Nos. 16 AMPS,SP, MCB, outgoing Suply and installation of 6 way, TPN MCB type AC distribution Board flush mounted on wall, sheet metal fabricated, powder coated , having dust - proof and vermin proof, gasketed and hinged door with all internals such as DIN rails, neutral - link, interconnected wiring, complete with earthing lugs housing following switchgears (ACDB) . 1.4 1 no.,63A, TPN, MCB incomer 18 nos, 6-32, SP, MCB outgoing Full Set as above nos 2 S & I of 100A,FP MCCB/MCB switch in sheet metal enclosure UPS IN & nos 6 1.5 OUT PUT Supplay and Laying 4runs X 10 Sq.mm Copper. Flexibul cable for UPS Incoming & Out goings Supplay and Laying 4C X 16 Sq.mm CU. Arm cable for VRV'S AC Out Door 3 Unit to Whether prof box Supplay and Laying 4C X 25 Sq.mm AL . Arm cable for VRV'S AC Out Door 3.1. Unit Ac Panel To Whether prof box Supplay and Laying 3C X 2.5 Sq.mm CU. Flexibul cable for Cassette Acs indoor units Supplay Laying 4C x 95 sq.mm Al armord cable. VTPN Db incoing Supplay and Laying 4C X 6 Sq.mm Cu. Arm cable for AC DB'S INCOMING Mtr 80 Supplay and Laying 4C X 6 Sq.mm Cu. Arm cable for AC DB'S INCOMING Mtr 15 Supplay and Laying and not all armord cable. VTPN Db incoing Mtr 30 Supplay and Laying 4C X 6 Sq.mm Cu. Arm cable for AC DB'S INCOMING Mtr 15 Supplay and Laying main panel to Ac panel 4 core 185 sqmm Al armord Mtr 15 Supplay and Laying main panel to Lighting Row power panel 4 core 120
8 Nos. 16 AMPS,SP, MCB, outgoing nos 6 Suply and installation of 6 way, TPN MCB type AC distribution Board flush mounted on wall, sheet metal fabricated, powder coated , having dust - proof and vermin proof, gasketed and hinged door with all internals such as DIN rails, neutral - link, interconnected wiring, complete with earthing lugs housing following switchgears (ACDB) . 1.4 1 no.,63A, TPN, MCB incomer 18 nos, 6-32, SP, MCB outgoing Full Set as above nos 2 S & I of 100A,FP MCCB/MCB switch in sheet metal enclosure UPS IN & nos 6 1.5 OUT PUT Supplay and Laying 4runs X 10 Sq.mm Copper. Flexibul cable for UPS Incoming & Out goings Supplay and Laying 4C X 16 Sq.mm CU. Arm cable for VRV'S AC Out Door 3 Unit to Whether prof box Supplay and Laying 4C X 25 Sq.mm AL . Arm cable for VRV'S AC Out Door 3.1. Unit Ac Panel To Whether prof box Supplay and Laying 3C X 2.5 Sq.mm AL armord cable. VTPN Db incoing Mtr 30 Supplay and Laying 4C X 6 Sq.mm Cu. Arm cable for AC DB'S INCOMING Mtr 80 Supplay and Laying 4C X 95 sq.mm Al armord cable. VTPN Db incoing Mtr 80 Supplay and Laying main panel to Ac panel 4 core 185 sqmm Al armord Mtr 15 Supplay and Laying main panel to Lighting Row power panel 4 core 120 MATH 15 Supplay and Laying main panel to Lighting Row power panel 4 core 120
8 Nos. 16 AMPS,SP, MCB, outgoing nos 6 Suply and installation of 6 way, TPN MCB type AC distribution Board flush mounted on wall, sheet metal fabricated, powder coated , having dust - proof and vermin proof, gasketed and hinged door with all internals such as DIN rails, neutral - link, interconnected wiring, complete with earthing lugs housing following switchgears (ACDB) . 1.4 1 no.,63A, TPN, MCB incomer 18 nos, 6-32, SP, MCB outgoing Full Set as above nos 2 S & I of 100A,FP MCCB/MCB switch in sheet metal enclosure UPS IN & nos 6 1.5 OUT PUT Supplay and Laying 4runs X 10 Sq.mm Copper. Flexibul cable for UPS Incoming & Out goings Supplay and Laying 4C X 16 Sq.mm CU. Arm cable for VRV'S AC Out Door 3 Unit to Whether prof box Supplay and Laying 4C X 25 Sq.mm AL . Arm cable for VRV'S AC Out Door 3.1. Unit Ac Panel To Whether prof box Supplay and Laying 3C X 2.5 Sq.mm AL armord cable. VTPN Db incoing Mtr 30 Supplay and Laying 4C X 6 Sq.mm Cu. Arm cable for AC DB'S INCOMING Mtr 80 Supplay and Laying 4C X 95 sq.mm Al armord cable. VTPN Db incoing Mtr 80 Supplay and Laying main panel to Ac panel 4 core 185 sqmm Al armord Mtr 15 Supplay and Laying main panel to Lighting Row power panel 4 core 120 MATH 15 Supplay and Laying main panel to Lighting Row power panel 4 core 120
Suply and installation of 6 way, TPN MCB type AC distribution Board flush mounted on wall, sheet metal fabricated, powder coated , having dust - proof and vermin proof, gasketed and hinged door with all internals such as DIN rails, neutral - link, interconnected wiring, complete with earthing lugs housing following switchgears (ACDB) . 1.4 1 no.,63A, TPN, MCB incomer 18 nos, 6-32, SP, MCB outgoing Full Set as above nos 2 S & I of 100A,FP MCCB/MCB switch in sheet metal enclosure UPS IN & nos 6 1.5 OUT PUT Supplay and Laying 4runs X 10 Sq.mm Copper. Flexibul cable for UPS Incoming & Out goings Supplay and Laying 4C X 16 Sq.mm CU. Arm cable for VRV'S AC Out Door 3 Unit to Whether prof box Supplay and Laying 4C X 25 Sq.mm AL . Arm cable for VRV'S AC Out Door 3.1 Unit Ac Panel To Whether prof box Supplay and Laying 3C X 2.5 Sq.mm CU. Flexibul cable for Cassette Acs indoor units Supplay and Laying 4C X 95 sq.mm Cu. Arm cable for AC DB'S INCOMING Mtr 80 Supplay and Laying 4C X 6 Sq.mm Cu. Arm cable for AC DB'S INCOMING Mtr 15 Supplay and Laying 4C X 6 Sq.mm Cu. Arm cable for AC DB'S INCOMING Mtr 15 Supplay and Laying main panel to Ac panel 4 core 185 sqmm Al armord Mtr 15 Supplay and Laying main panel to Lighting Row power panel 4 core 120
mounted on wall, sheet metal fabricated, powder coated , having dust - proof and vermin proof, gasketed and hinged door with all internals such as DIN rails, neutral - link, interconnected wiring, complete with earthing lugs housing following switchgears (ACDB). 1.4 1 no.,63A, TPN, MCB incomer 18 nos, 6-32, SP, MCB outgoing Full Set as above nos 2 S & I of 100A,FP MCCB/MCB switch in sheet metal enclosure UPS IN & nos 6 1.5 OUT PUT Supplay and Laying 4runs X 10 Sq.mm Copper. Flexibul cable for UPS Incoming & Out goings Supplay and Laying 4C X 16 Sq.mm CU. Arm cable for VRV'S AC Out Door 3 Unit to Whether prof box Supplay and Laying 4C X 25 Sq.mm AL . Arm cable for VRV'S AC Out Door 3.1 Unit Ac Panel To Whether prof box Supplay and Laying 3C X 2.5 Sq.mm CU. Flexibul cable for Cassette Acs Indoor units Supplay and Laying 4C X 95 Sq.mm Al armord cable. VTPN Db incoing Supplay and Laying 4C X 6 Sq.mm Cu. Arm cable for AC DB'S INCOMING Mtr 30 Supplay and Laying 4C X 6 Sq.mm Cu. Arm cable for AC DB'S INCOMING Mtr 15 Supplay and Laying main panel to Ac panel 4 core 185 sqmm Al armord Mtr 15 Supplay and Laying main panel to Lighting Row power panel 4 core 120
mounted on wall, sheet metal fabricated, powder coated , having dust - proof and vermin proof, gasketed and hinged door with all internals such as DIN rails, neutral - link, interconnected wiring, complete with earthing lugs housing following switchgears (ACDB). 1.4 1 no.,63A, TPN, MCB incomer 18 nos, 6-32, SP, MCB outgoing Full Set as above nos 2 S & I of 100A,FP MCCB/MCB switch in sheet metal enclosure UPS IN & nos 6 1.5 OUT PUT Supplay and Laying 4runs X 10 Sq.mm Copper. Flexibul cable for UPS Incoming & Out goings Supplay and Laying 4C X 16 Sq.mm CU. Arm cable for VRV'S AC Out Door 3 Unit to Whether prof box Supplay and Laying 4C X 25 Sq.mm AL . Arm cable for VRV'S AC Out Door 3.1 Unit Ac Panel To Whether prof box Supplay and Laying 3C X 2.5 Sq.mm CU. Flexibul cable for Cassette Acs Indoor units Supplay and Laying 4C X 95 Sq.mm Al armord cable. VTPN Db incoing Supplay and Laying 4C X 6 Sq.mm Cu. Arm cable for AC DB'S INCOMING Mtr 30 Supplay and Laying 4C X 6 Sq.mm Cu. Arm cable for AC DB'S INCOMING Mtr 15 Supplay and Laying main panel to Ac panel 4 core 185 sqmm Al armord Mtr 15 Supplay and Laying main panel to Lighting Row power panel 4 core 120
mounted on wall, sheet metal fabricated, powder coated , having dust - proof and vermin proof, gasketed and hinged door with all internals such as DIN rails, neutral - link, interconnected wiring, complete with earthing lugs housing following switchgears (ACDB). 1.4 1 no.,63A, TPN, MCB incomer 18 nos, 6-32, SP, MCB outgoing Full Set as above nos 2 S & I of 100A,FP MCCB/MCB switch in sheet metal enclosure UPS IN & nos 6 1.5 OUT PUT Supplay and Laying 4runs X 10 Sq.mm Copper. Flexibul cable for UPS Incoming & Out goings Supplay and Laying 4C X 16 Sq.mm CU. Arm cable for VRV'S AC Out Door 3 Unit to Whether prof box Supplay and Laying 4C X 25 Sq.mm AL . Arm cable for VRV'S AC Out Door 3.1 Unit Ac Panel To Whether prof box Supplay and Laying 3C X 2.5 Sq.mm CU. Flexibul cable for Cassette Acs Indoor units Supplay and Laying 4C X 95 Sq.mm Al armord cable. VTPN Db incoing Supplay and Laying 4C X 6 Sq.mm Cu. Arm cable for AC DB'S INCOMING Mtr 30 Supplay and Laying 4C X 6 Sq.mm Cu. Arm cable for AC DB'S INCOMING Mtr 15 Supplay and Laying main panel to Ac panel 4 core 185 sqmm Al armord Mtr 15 Supplay and Laying main panel to Lighting Row power panel 4 core 120
and vermin proof, gasketed and hinged door with all internals such as DIN rails, neutral - link, interconnected wiring, complete with earthing lugs housing following switchgears (ACDB). 1 no.,63A, TPN, MCB incomer 18 nos, 6-32, SP, MCB outgoing Full Set as above nos 2 S & I of 100A,FP MCCB/MCB switch in sheet metal enclosure UPS IN & nos 6 OUT PUT Supplay and Laying 4runs X 10 Sq.mm Copper. Flexibul cable for UPS Incoming & Out goings Supplay and Laying 4C X 16 Sq.mm CU. Arm cable for VRV'S AC Out Door Unit to Whether prof box Supplay and Laying 4C X 25 Sq.mm AL . Arm cable for VRV'S AC Out Door Unit Ac Panel To Whether prof box Supplay and Laying 3C X 2.5 Sq.mm CU.Flexibul cable for Cassette Acs indoor units Supplay and Laying 4C X 95 sq.mm Al armord cable. VTPN Db incoing Supplay and Laying 4C X 95 sq.mm Cu. Arm cable for AC DB'S INCOMING Supplay and Laying main panel to Ac panel 4 core 185 sqmm Al armord T cable Supplay and Laying main panel to Lighting Row power panel 4 core 120
DIN rails, neutral - link, interconnected wiring, complete with earthing lugs housing following switchgears (ACDB). 1 no.,63A, TPN, MCB incomer 18 nos, 6-32, SP, MCB outgoing Full Set as above nos 2 S & I of 100A,FP MCCB/MCB switch in sheet metal enclosure UPS IN & nos 6 OUT PUT Supplay and Laying 4runs X 10 Sq.mm Copper. Flexibul cable for UPS Incoming & Out goings Supplay and Laying 4C X 16 Sq.mm CU. Arm cable for VRV'S AC Out Door 10 Mtr 50 Supplay and Laying 4C X 25 Sq.mm AL . Arm cable for VRV'S AC Out Door 11 Mtr 140 Unit to Whether prof box Supplay and Laying 4C X 2.5 Sq.mm CU. Flexibul cable for Cassette Acs 10 Indoor units 10 Supplay Laying 4C X 95 sq.mm Al armord cable. VTPN Db incoing 10 Mtr 10 Supplay and Laying 4C X 6 Sq.mm Cu. Arm cable for AC DB'S INCOMING 10 Mtr 10 Supplay and Laying 4C X 6 Sq.mm Cu. Arm cable for AC DB'S INCOMING 10 Mtr 10 Supplay and Laying main panel to Ac panel 4 core 185 sqmm Al armord 15 Supplay and Laying main panel to Ac panel 4 core 185 sqmm Al armord 15 Supplay and Laying main panel to Lighting Row power panel 4 core 120
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Supplay and Laying 4runs X 10 Sq.mm Copper. Flexibul cable for UPS Incoming & Out goings Supplay and Laying 4C X 16 Sq.mm CU. Arm cable for VRV'S AC Out Door Junit to Whether prof box Supplay and Laying 4C X 25 Sq.mm AL . Arm cable for VRV'S AC Out Door Junit Ac Panel To Whether prof box Supplay and Laying 3C X 2.5 Sq.mm CU. Flexibul cable for Cassette Acs indoor units Supplay Laying 4C X 95 Sq.mm Al armord cable. VTPN Db incoing Supplay and Laying 4C X 95 Sq.mm Cu. Arm cable for AC DB'S INCOMING Supplay and Laying 4C X 6 Sq.mm Cu. Arm cable for AC DB'S INCOMING Supplay and Laying main panel to Ac panel 4 core 185 Sqmm Al armord Zable Supplay and Laying main panel to Lighting Row power panel 4 core 120
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3 Unit to Whether prof box Supplay and Laying 4C X 25 Sq.mm AL . Arm cable for VRV'S AC Out Door 3.1 Unit Ac Panel To Whether prof box Supplay and Laying 3C X 2.5 Sq.mm CU.Flexibul cable for Cassette Acs 4 indoor units Supplay Laying 4C x 95 sq.mm Al armord cable. VTPN Db incoing Supplay and Laying 4C X 6 Sq.mm Cu. Arm cable for AC DB'S INCOMING Supplay and Laying main panel to Ac panel 4 core 185 sqmm Al armord To cable Mtr Mtr Mtr Mtr 140 Mtr 150 Supplay and Laying main panel to Ac panel 4 core 185 sqmm Al armord Supplay and Laying main panel to Lighting Row power panel 4 core 120 Mtr 15
3 Unit to Whether prof box Supplay and Laying 4C X 25 Sq.mm AL . Arm cable for VRV'S AC Out Door 3.1 Unit Ac Panel To Whether prof box Supplay and Laying 3C X 2.5 Sq.mm CU.Flexibul cable for Cassette Acs 4 indoor units Supplay Laying 4C x 95 sq.mm Al armord cable. VTPN Db incoing Supplay and Laying 4C X 6 Sq.mm Cu. Arm cable for AC DB'S INCOMING Supplay and Laying main panel to Ac panel 4 core 185 sqmm Al armord To cable Mtr Mtr Mtr Mtr 140 Mtr 150 Supplay and Laying main panel to Ac panel 4 core 185 sqmm Al armord Supplay and Laying main panel to Lighting Row power panel 4 core 120 Mtr 15
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4 indoor units 5 Supplay Laying 4C x 95 sq.mm Al armord cable. VTPN Db incoing Supplay and Laying 4C X 6 Sq.mm Cu. Arm cable for AC DB'S INCOMING Supplay and Laying main panel to Ac panel 4 core 185 sqmm Al armord 7 cable Supplay and Laying main panel to Lighting Row power panel 4 core 120 Mtr 15
4 indoor units 5 Supplay Laying 4C x 95 sq.mm Al armord cable. VTPN Db incoing 6 Supplay and Laying 4C X 6 Sq.mm Cu. Arm cable for AC DB'S INCOMING 6 Mtr 80 Supplay and Laying main panel to Ac panel 4 core 185 sqmm Al armord 7 cable Supplay and Laying main panel to Lighting Row power panel 4 core 120 Supplay and Laying main panel to Lighting Row power panel 4 core 120
5 Supplay Laying 4C x 95 sq.mm Al armord cable. VTPN Db incoing Mtr 30 Supplay and Laying 4C X 6 Sq.mm Cu. Arm cable for AC DB'S INCOMING Mtr 80 Supplay and Laying main panel to Ac panel 4 core 185 sqmm Al armord Mtr 15 Supplay and Laying main panel to Lighting Row power panel 4 core 120
Supplay and Laying 4C X 6 Sq.mm Cu. Arm cable for AC DB'S INCOMING Supplay and Laying main panel to Ac panel 4 core 185 sqmm Al armord Totable Supplay and Laying main panel to Lighting Row power panel 4 core 120 Mtr 15
Supplay and Laying main panel to Ac panel 4 core 185 sqmm Al armord 7 cable Supplay and Laying main panel to Lighting Row power panel 4 core 120 Net: 15
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7 cable Supplay and Laying main panel to Lighting Row power panel 4 core 120
7 cable Supplay and Laying main panel to Lighting Row power panel 4 core 120
Supplay and Laying main panel to Lighting Row power panel 4 core 120
Source All arms All a
8 sqmm Al armord cable
WEATHER PROOF ENCLOSURES WITH SUITABLE ELCBS FOR
VRF/VRV O/D
UNITS
Supply and fixing of factory made following ratings63 A FP ELCBs with
300mA sensitivity IP 65 Enclosure nos 6
9 all fixing accessories complete as required.
DP Enclosures along with suitable supports, interconnections including 1
9.1 no, 32 A , DP, MCB ,SPLIT AC
Full Set as above nos 13
10 PA & MUSIC SYSTEM
S & I of point wiring for music - cum PA system comprising of 2x 1.0 sgmm
stranded, copper conductor, flexible PVC insulated and PVC Sheathed wire
pulled through 20 mm dia PVC heavy gauge conduits and looped from one nos
speaker to other and to the volume control and control switch wherever
10.1 applicable and finally terminated at Tag Block.
S & I of Bosch/ make music 6W (101.6mm Diameter) speaker flush mounted
= 1. 1. = 1000 mano mano or (10 monim Plantotor) oppositor fluori fluori fluori
on the false ceiling with proper clamping arrangement nos
on the false ceiling with proper clamping arrangement nos
on the false ceiling with proper clamping arrangement nos 10.2 S & I of volume control - cum - ON - OFF switch flush mounted on wall along
on the false ceiling with proper clamping arrangement nos 10.2 S & I of volume control - cum - ON - OFF switch flush mounted on wall along with other electrical switches. The size and plate of the regulating knob
on the false ceiling with proper clamping arrangement nos 10.2 S & I of volume control - cum - ON - OFF switch flush mounted on wall along with other electrical switches .The size and plate of the regulating knob
on the false ceiling with proper clamping arrangement nos 10.2 S & I of volume control - cum - ON - OFF switch flush mounted on wall along with other electrical switches. The size and plate of the regulating knob

S & I of 200 Watts Amplifier (nearest standard available rating) Ahuja 10.4 make Supply and fixing of following size GI Lader type cable tray made out of 150 mm 2mm thick galvanized sheet and the tray covered with 2mm thick cover including GI / MS supports for fixing the tray, anchor fasteners etc., complete as required. (Data & Voice Cables) 12 LIGHTNING PROTECTION ON TERRACE FLOOR Supply, Installation, testing & commissioning of vertical air termination with 100mm dia copper hollow sphere with spikes, fixed on 2500mm length 40mm dia GI Pipe and guying supports, including base PCC block and all fixing accessories etc. Supply, Installation, testing & commissioning of Lightning Event counter. Nos 1 Supply & Installation of the 25X3mm GI earthing strip along the cable trenches or cable trays or fixing to walls (by using proper size of spacer and saddles) or structures or buried individually in paved /unpaved areas (minor civil work like chipping of paved surface finishing after laying grounding loop, etc. Welding at joints, providing anti-corrosive paint for welded portion, clamping & necessary hardware for connection. Mtr 280	
Supply and fixing of following size GI Lader type cable tray made out of 150 mm 2mm thick galvanized sheet and the tray covered with 2mm thick cover including GI / MS supports for fixing the tray, anchor fasteners etc., complete as required. (Data & Voice Cables) 12 LIGHTNING PROTECTION ON TERRACE FLOOR Supply, Installation, testing & commissioning of vertical air termination with 100mm dia copper hollow sphere with spikes, fixed on 2500mm length 40mm dia GI Pipe and guying supports, including base PCC block and all fixing accessories etc. Supply, Installation, testing & commissioning of Lightning Event counter. Nos 1 Supply & Installation of the 25X3mm GI earthing strip along the cable trenches or cable trays or fixing to walls (by using proper size of spacer and saddles) or structures or buried individually in paved /unpaved areas (minor civil work like chipping of paved surface finishing after laying grounding loop, etc. Welding at joints, providing anti-corrosive	
12 LIGHTNING PROTECTION ON TERRACE FLOOR Supply, Installation, testing & commissioning of vertical air termination with 100mm dia copper hollow sphere with spikes, fixed on 2500mm length 40mm dia GI Pipe and guying supports, including base PCC block and all 12.1 fixing accessories etc. Supply, Installation, testing & commissioning of Lightning Event counter. Nos 1 Supply & Installation of the 25X3mm GI earthing strip along the cable trenches or cable trays or fixing to walls (by using proper size of spacer and saddles) or structures or buried individually in paved /unpaved areas (minor civil work like chipping of paved surface finishing after laying grounding loop, etc. Welding at joints, providing anti-corrosive	
Supply, Installation, testing & commissioning of vertical air termination with 100mm dia copper hollow sphere with spikes, fixed on 2500mm length 40mm dia GI Pipe and guying supports, including base PCC block and all fixing accessories etc. Supply, Installation, testing & commissioning of Lightning Event counter. Nos Supply & Installation of the 25X3mm GI earthing strip along the cable trenches or cable trays or fixing to walls (by using proper size of spacer and saddles) or structures or buried individually in paved /unpaved areas (minor civil work like chipping of paved surface finishing after laying grounding loop, etc. Welding at joints, providing anti-corrosive	
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Supply, Installation, testing & commissioning of Lightning Event counter. Nos 1 Supply & Installation of the 25X3mm GI earthing strip along the cable trenches or cable trays or fixing to walls (by using proper size of spacer and saddles) or structures or buried individually in paved /unpaved areas (minor civil work like chipping of paved surface finishing after laying grounding loop, etc. Welding at joints, providing anti-corrosive	
Supply & Installation of the 25X3mm Gl earthing strip along the cable trenches or cable trays or fixing to walls (by using proper size of spacer and saddles) or structures or buried individually in paved /unpaved areas (minor civil work like chipping of paved surface finishing after laying grounding loop, etc. Welding at joints, providing anti-corrosive	
trenches or cable trays or fixing to walls (by using proper size of spacer and saddles) or structures or buried individually in paved /unpaved areas (minor civil work like chipping of paved surface finishing after laying grounding loop, etc. Welding at joints, providing anti-corrosive	
paint for welded portion, clamping & necessary hardware for connection, excavation & refilling etc including provision for risers at places as per approved drawings & all other required materials complete as per drawings, specifications of this tender & directions of site in-charge. including earthing Clamps, terminal lugs etc. Panels body Erthing & Lighting 12.3 Protection	
Supply and fixing copper plate earth station conforming to IS 3043 complete with 600 x 600 x 3.15 mm thick copper plate, 40 mm dia., GI pipe of 2.5 m length, 450 x 450mm brick masonry charcoal, salt, chamber, plastering, CI cover, CI frame, watering funnel, NF/Cadmium plated 13 fasteners, etc.	
suppaly and fixing 6 module pop-up box with 2 nos 6A Socket with 1 nos 16 14 A Switch and 1 no RJ45	
supply, fixing and erection of 450 mm wall mounted fans (Metal body) in the position required for the bank 53	
Supplay and instalation 25 mm profile light with 6 w Led strip including 16 mtr 80	
17 Supplay and instalation cove light mtr 100	
18 supplay and instalation 25x 3 mm coper stip for ups Erthing with insuleter mtr 100	
Supaly and instalation Rubber mat of size 1000 x 1800 x 2 mm thick, 11000	
19 V grade.	
LT PANELS.	
MV Panels	
Supply, Installation, Testing and Commissioning of 3 phase 415V 4	
wire Free Standing Floor mounted MV panel made out of 14 SWG CRCA sheet after seven tank process and painting with Epoxy powder coating including all switchgear as detailed below. The panel shall consist of suitable rating TPN Aluminum- busbar (at the rating of 0.8ASq.mm) supported withDMC/ SMC barriers and colour coded with Heat shrinkable sleeves. The Metering shall be provided as specified. The panel shall have Short circuit with standing capacity of minimum 50KA and consist of the switchgear as mentioned below.	
CRCA sheet after seven tank process and painting with Epoxy powder coating including all switchgear as detailed below. The panel shall consist of suitable rating TPN Aluminum- busbar (at the rating of 0.8ASq.mm) supported withDMC/ SMC barriers and colour coded with Heat shrinkable sleeves. The Metering shall be provided as specified. The panel shall have Short circuit with standing capacity of minimum 50KA and consist of	
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CRCA sheet after seven tank process and painting with Epoxy powder coating including all switchgear as detailed below. The panel shall consist of suitable rating TPN Aluminum- busbar (at the rating of 0.8ASq.mm) supported withDMC/ SMC barriers and colour coded with Heat shrinkable sleeves. The Metering shall be provided as specified. The panel shall have Short circuit with standing capacity of minimum 50KA and consist of the switchgear as mentioned below. The panel shall be mounted on channels grouted to the floor including all materials. The panel shall be got fabricated from manufacturers with CPRI Test certificate only. All the PCC/ Panels shall have at least two spare cubicles of the maximum rating. All feeders shall be earthed with 2 GI flats of adequate size to the main earth bus of 50x6mm GI flat. The size of all Panel Mounting Meters shall be 96X96mm.The Panels shall be mounted on U channels including supply and fixing of the same. Fuses shall be provided for Control purposes (All Panels shall be extendable type only). Main Panel EB Incomer: 630A 25KA,TPN MCCB with overload,Earth fault	
CRCA sheet after seven tank process and painting with Epoxy powder coating including all switchgear as detailed below. The panel shall consist of suitable rating TPN Aluminum- busbar (at the rating of 0.8ASq.mm) supported withDMC/ SMC barriers and colour coded with Heat shrinkable sleeves. The Metering shall be provided as specified. The panel shall have Short circuit with standing capacity of minimum 50KA and consist of the switchgear as mentioned below. The panel shall be mounted on channels grouted to the floor including all materials. The panel shall be got fabricated from manufacturers with CPRI Test certificate only. All the PCC/ Panels shall have at least two spare cubicles of the maximum rating. All feeders shall be earthed with 2 GI flats of adequate size to the main earth bus of 50x6mm GI flat. The size of all Panel Mounting Meters shall be 96X96mm.The Panels shall be mounted on U channels including supply and fixing of the same. Fuses shall be provided for Control purposes (All Panels shall be extendable type only). Main Panel EB Incomer: 630A 25KA,TPN MCCB with overload,Earth fault & Earth leakage releases with resincast CBCT — 1set	

200 TP MCCB -1 NOS				
63 A TP MCB s -6nos				
40A DP MCB s -3nos				
Metering				
0-500V Digital Voltmeter with selector switch and fuses-2 sets				
0-800A Digital Ammeter with resin cast CTs of ratio				
800/5A, Class 1 Accuracy and 15VA burden and				
selector switch -1 set for each Incomer				
LED Phase indication lamps with individuals fuse and control				
with toggle switches- 3sets for each	No.	1		
EB&DG PANELS				
Incomer: 200A 25KA, TPN MCCB with				
overload, Earth fault & Earth leakage releases with resincast CBCT – 1set				
200 A ATS : Electrically operated,				
Busbars : 200A TPN Aluminium Busbars				
with 100% neutral - 1Set				
Outgoings:				
160A 25KA TP MCCBs -1nos				
100A 35KA TP MCCBs –1nos				
63A TP MCBs-5nos				
40A DP MCB s -3nos				
Metering:				
i) 0 - 200V Digital Voltmeter with Selector switch – 3sets				
iil) 0-200 Digital Ammeter with CTs and selector switch -3sets				
iv)LED type Phase indication lamps with				
individual TPMCB control and toggle switches -3sets				
v) Control MCBs for Power failure indication -1set				
Note: Electrical Interlocking to be provided for EB DG	No.	1		
Excluding Gst			Total	_