



Bids and Awards Committee

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 Professional Regulation Commission
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Section VII. Technical Specifications

Item	Description	Qty	Unit
	Supply of Materials and Installation of Riser Feeder (Power Supply) for Data Center		
1.0	ELECTRICAL WORKS		
	1.1 ROUGHING-IN LAYOUT		
	1.1.1 IMC PIPE 50MM DIA	29	pcs
	1.1.2 50mm U bolt	87	pcs
	1.1.3 IMC PIPE 65MM DIA	62	pcs
	1.1.4 65mm U bolt	186	pcs
	1.1.5 IMC PIPE 80MM DIA	54	pcs
	1.1.6 80mm U bolt	162	pcs
	1.1.7 50MM imc Coupling	29	pcs
	1.1.8 65MM imc Coupling	54	pcs
	1.1.9 80MM imc Coupling	62	pcs
	1.1.10 Pullbox	4	pcs
	1.1.9 Hangers, clamps, supports, etc.	1	lot
2.0	WIRES & CABLES		
	2.1 P.D. THHN 100.0 mm ² (or equivalent)	735	m
	2.2 P.D. THHN 125.0 mm ² (or equivalent)	270	m
	2.3 P.D. THHN 150.0 mm ² (or equivalent)	288	m
	2.4 P.D. THHN 30 mm ² (or equivalent)	351	m
	2.5 ARMAK Electrical tape	15	roll
	2.6 TERMINATION & POWER TAPPING	1	lot
3.0	PANEL BOARDS		
	3.1 Panel Board DP-1 MAIN (GF) (BOLT ON) MCCB 400AT, 65 KAIC, 230V, 3-PHASE, MCCB branch: 2-40AT, 1-60AT, 1-100AT, 1-250AT, 22KAIC, 3PHASE, 230V	1	set
	3.2 Panel Board DP-2 MAIN (2F) (BOLT ON) MCCB 200AT, 65 KAIC, 230V, 3-PHASE MCCB branch: 1-50AT, 1-70AT, 1-100AT, 22KAIC, 3PHASE, 230V	1	set
	3.3 panel Board DP-3 MAIN (3F) (BOLT ON) MCCB 250AT, 65 KAIC, 230V, 3-PHASE MCCB branch:1-60AT, 2-120AT, 22KAIC, 3PHASE, 230V	1	set
	3.4 MANUAL TRANSFER SWITCH (MTS-ICT) MTS-2-300AT, 65 KAIC, 3 PHASE, 230V	1	set

