

Project : INSTALLATION OF POWER, DISTRIBUTION LINE AND COMMUNICATION SYSTEMS						
Date : December 12, 2017						
Location : PSHS-SOCCSKSARGEN Campus; Brgy. Paraiso, Koronadal City						
ITEM NO.	PARTICULARS					TOTAL AMOUNT
A.	Scope of Work and Materials					
1.0	Site Works	Qty	Unit	Description		
		1.1	1.0 lot	Mobilization/Demolization		
		1.2	1.0 lot	Temporary Facilities		
		1.3	1.0 lot	Excavation and Backfilling		
		1.4	1.0 lot	OSH		
		1.5	1.0 lot	Handholes		
		1.6	1.0 lot	Electrical PVC for Underground Penetration		
		1.7	1.0 lot	Bonds and Insurance		
2.0	Powerlines					
		2.1	1.0 lot	Lines & Hardwares		
		2.2	1.0 lot	3x333 kVA Transformers		
		2.3	1.0 lot	Primary Metering		
		2.3	1.0 lot	Transformer Pad Perimeter Fence and High Tension		
3.0	MDP and Secondary Lines					
		3.1	1.0 lot	MDP: Main Circuit Breaker : 2500AT, 3P MCCB, Branches: 2-630AT, 3P, 1-400AT, 3P, 2-250AT, 3P, MCB's with Thermal-Magnetic Trip, MDP with dedicated lugs, digital ammeter, voltmeterdisplay and grounding terminals.		
		3.2	1.0 lot	Building Wires - Transformer to MDP		
		3.3	1.0 lot	RSC Pipes and Fittings - Transformer to MDP		
4.0	Miscellaneous					
		4.1	1 lot	Concrete Road Cement Pouring		
		4.2	1 lot	Tools and Equipment		
		4.3	1 lot	Testing and Commissioning		
TOTAL MATERIAL COST						-
LABOR COST AND SUPERVISION						-
PROFIT						-
TAX (12%)						-
TOTAL ELECTRICAL COST						4,514,978.72

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B. Scope of Work and Materials			
1.0 ADMIN BUILDING			
	1 lot	Provision of Internet Service Provider	
	1 lot	Fiber Optic Entrance Facility (Entry Point to Data Center)	
	1 lot	Fiber Optic Cables (Admin to Acad2 and Admin to Acad 3)	
		Subscription Activation Fee 30 Mbps Committed Download with burst up to 50 Mbps	
	1 lot		
	1 unit	Main Router / Firewall 16 CPU core count @ 1.2 GHz Dimension 355X145X44mm RAM: 4GB Storage: 1GB NAND 8 Ethernet Gigabyte Ports 2 SFP+ / SFP DDMI Fiber Ports 1 Memory Card Slot for MicroSD, 1 X Serial Port RS232 1 x USB slot Type With Status Monitoring Display	
	1 unit	19u Data Cabinet	
	1 unit	UPS 1500VA with Power Regulator	
		Core switch w/ 24port 24 Port Gigabit Ethernet Switch 2 X SFP + Ports	
	1 unit		
	4 set	Provision of Open Wifi Setup 4 x 150Mbps Wifi Access Point 150 Mbps, Range of 25m 802.11 b/g/n UTP Cat5e Cables Homerun to Wifi AP Mouldings and Ductings, Cable Trays	
2.0 ACADEMIC 2 BUILDING			
	1 lot	Fiber Optic Cabling & Entrance Facility (Admin to Acad 2) Patch Panel, Face Plate, Conduits, Splice Tray, Data Cabinet	
	1 unit	24-port Gigabit Switch with Fiber Uplink Port	
	1 unit	UPS 500VA with Power Regulator	
		Provision of Open Wifi Setup 2 X 150Mbps Wifi Access Point 150 Mbps, Range of 25m 802.11 b/g/n UTP Cat5e Cables Homerun to Wifi AP Mouldings and Ductings, Cable Trays	
	2 set		
Total Material Cost			-
Installation costs and User training (30% of materials)			-
Profit			-
Taxes (12%)			-
Total Project Cost			485,021.28

Prepared By:

Approved By:

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