

Project: **Installation of Power, Distribution Line and Communication Systems**  
 Owner: **PSHS-SOCCSKSARGEN Region Campus**  
 Date: **8-Sep-17**  
 Location: **PSHS-SRC, Brgy. Paraiso, Koronadal City**

<b>A</b>				
<b>SCOPE OF WORK AND MATERIALS (ELECTRICAL COMPONENT)</b>				
<b>Item No.</b>	<b>Qty Unit</b>	<b>Description</b>	<b>Unit Cost</b>	<b>Total</b>
1	1 lot	Removal of Existing Transformer & Accessories		
2	1 lot	Disconnection, Wire pulling and Reconnection at New MDP for ACAD Building I & II		
3	1 lot	Lines & Hardwares		
4	1 lot	Installation of New 3-333kVA Transformers and Accessories		
5	1 lot	Transformer Pad Fence and High Tension Support		
6	1 lot	MDP Main Circuits: 2500AT, 3P MCCP, Branches: 3-630AT, 3P, 1-400AT, 2- 250AT, with Thermal-Magnetic Trip, MDP with dedicated lugs, digital ammeter, voltmeterdisplay and grounding terminals including grounding system.		
7	1 lot	Supply and Installation of Building Wires - Transformer to MDP		
8	1 lot	Supply and Installation of Pipes and Fittings - Transformer to MDP		
9	1 lot	Testing and Commission		
10	1 lot	Excavation and Backfilling		
11	1 lot	Supply and Installation of Handhole		
12	1 lot	Supply and Installation Electrical PVC for Underground penetration		

<b>B</b>				
<b>SCOPE OF WORK AND MATERIALS (COMMUNICATION COMPONENT)</b>				
<b>Item No.</b>	<b>Qty Unit</b>	<b>Description</b>	<b>Unit Cost</b>	<b>Total</b>
<b>Admin Building</b>				
1	1 lot	<b>Provision of Internet Service Provider</b>		
2	1 lot	<b>Fiber Optic Entrance Facility (Entry Point to Data Center)</b>		
3	1 lot	<b>Fiber Optic Cables (Admin to Acad2 and Admin to Acad 3)</b>		
<b>Subscription Activation Fee</b>				
4	1 lot	30 Mbps Committed Download with burst up to 50 Mbps		
5	1 unit	<b>Main Router / Firewall</b> 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		
6	1 unit	<b>19u Data Cabinet</b>		
7	1 unit	<b>UPS 1500VA with Power Regulator</b>		
8	1 unit	<b>Core switch w/ 24port</b> 24 Port Gigabit Ethernet Switch 2 X SFP + Ports		
9	4 set	<b>Provision of Open Wifi Setup</b> 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		
<b>ACAD 2 Building</b>				
10	1 lot	<b>Fiber Optic Cabling &amp; Entrance Facility (Admin to Acad 2)</b> Patch Panel, Face Plate, Conduits, Splice Tray, Data Cabinet		
11	1 unit	<b>24-port Gigabit Switch with Fiber Uplink Port</b>		
12	1 unit	<b>UPS 500VA with Power Regulator</b>		
13	2 set	<b>Provision of Open Wifi Setup</b> 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		
<b>Grand Total</b>				<b>5,000,000.00</b>

Prepared By:

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