



AMFIU

Finanzgruppe
Sparkassenstiftung für
internationale Kooperation

AMFIU INFORMATION TECHNOLOGY EQUIPMENT SPECIFICATIONS

	Item	Quantity
Equipment		
<u>IT/001</u>	<p><u>PowerEdge R840 Rack Server</u></p> <ul style="list-style-type: none"> • Chassis: 8 x 2.5" Chassis, 8 SATA only bays, No GPU, 2/4 CPU Configuration • Processor: 2x Intel® Xeon® Gold 5222 3.8G, 4C/8T, 10.4GT/s, 16.5M Cache, Turbo, HT (105W) DDR4-2933 • Processor Thermal Configuration: 2 CPU (No GPU) • Memory: 16GB RDIMM, 2666MT/s, Single Rank • Hard Drive: 480GB SSD SATA Mix Use 6Gbps 512 2.5in Hot-plug AG Drive, 3 DWPD, 2628 TBW • Dual power supply 750w • Rail Kit • 3 year warranty • 1 Year Maintenance Support 	1
<u>IT/002</u>	<p><u>Call Centre Equipment</u></p> <p>Business Phone System:</p> <ul style="list-style-type: none"> • Starter Pack with Auto Attendant, Voicemail, Cell & Remote Phone Extensions • Call Recording & Free Mission Machines Phone Service for 1 Year (6 Phone Bundle) • Transfer & Hold Calls • Auto Attendant (Press 1 for Sales etc...) • Hunt Groups (e.g Sales and Accounts) • Caller Display Compatible • Phone Bundle <ul style="list-style-type: none"> ○ Analogue PABX 308+ ○ 6 x Feature Phones ○ 6 x 	1

	<p>Power Backup system for the servers</p> <p>(Inverter) Pure sine wave inverter</p> <p>1000W/12V</p> <ul style="list-style-type: none"> • OUTPUT <ul style="list-style-type: none"> ○ <i>Wave form</i> – Pure Sine Wave (THD<3%) ○ <i>AC Voltage</i> – 110V or 220V ○ ○ ○ AC $\pm 8\%$ ○ <i>Continuous Output Power</i> – 1000W ○ <i>Peak Output Power</i> – 2000W ○ <i>LED Display</i> – Battery Capacity, Battery Voltage, AC Voltage, Load Power (Manual/Auto Mode) • INPUT <ul style="list-style-type: none"> ○ <i>DC Voltage</i> – 12V/24V/48V ○ <i>Voltage Range</i> – 10-15V/20-30V/0-60V ○ <i>Current</i> – 100A/50A/25A ○ <i>Frequency</i> – 50Hz/60Hz • PROTECTION <ul style="list-style-type: none"> ○ Overload ○ High + Low Voltage Shutdown (DC) ○ Over Temperature ○ Output Short Circuit ○ Battery Polarity Reverse • 4 Low maintenance tubular batteries 200Ah <ul style="list-style-type: none"> ○ 3 year warranty 	1
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	<p>Networking Infrastructure</p> <ul style="list-style-type: none"> • Cyberoam Appliance 25iNG <ul style="list-style-type: none"> ○ Interfaces <ul style="list-style-type: none"> ▪ 4 Copper GbE Ports ▪ Configurable Internal/DMZ/WAN Ports ▪ 1 Console Ports (RJ45) ▪ 2 USB Ports ○ System Performance <ul style="list-style-type: none"> ▪ Firewall Throughput (UDP) (Mbps) 1,500 ▪ Firewall Throughput (TCP) (Mbps) 1,500 ▪ New sessions/second 5,000Concurrent sessions 150,000 ▪ IPSec VPN Throughput (Mbps) 210 ▪ No. of IPSec Tunnels 100 ▪ SSL VPN Throughput (Mbps) 75 ▪ WAF Protected Throughput (Mbps) 45Anti-Virus Throughput (Mbps) 300 ▪ IPS Throughput (Mbps) 200 ▪ UTM Throughput (Mbps) 110 • Intrusion Prevention System <ul style="list-style-type: none"> ○ Signatures: Default (4500+), Custom ○ IPS Policies: Multiple, Custom ○ User-based policy creation ○ Automatic real-time updates from CRProtect networks ○ ProtocolAnomaly Detection ○ DDoS attack prevention ○ SCADA-aware IPS with pre-defined category for ICS and SCADAsignatures ○ Basic 8x5 Support 	2
	<ul style="list-style-type: none"> • Internet Services – Datacenter <ul style="list-style-type: none"> ○ Dedicated fiber internet – 6 MB/s up/down), per month 	