	PR DATE	DESCRIPTION	PROJECT	QUANTIT	Statement of
		Core VOIP PBX/SIP Server (integrated	VOIP	1	
		with 16 ports FXO) - Should be rack mountable			
		- Should be compatible with Traditional			
		Analog PBX(Panasonic TES-824) (should be configured and working)			
		- Should work with our existing analog			
		FAX Machine - Should be compatible with our existing			
		Polycom VVX 1500 IP Phones			
		- SIP Trunking capable to connect with other UP Campus			
		- Compatible with our existing fxs			
		gateway: (should be configured and working)			
		1. WELLGATE FXS-08			
		2. WELLGATE FXS-2424s - Should have GSM Gateway capabilities			
		- Should be scalable and modular:			
		- Integrated with at least 4 GSM Channels			
		- support FXS Ports			
		- support BRI Ports - support 3G/UMTS CHANNEL			
		- Should support phone auto-provisioning			
		- Users: at least 100 users (scalable) - Concurrent Calls: at least 40 (scalable)			
		- Support LAN 10/100/1000 Mbps	1		
		- Support WAN 10/100/1000 Mbps POE+, 24 ports, layer 2, 10/100 mbps, 2 SF	VOIP	14	
		module ports	10	14	
		Layer 2 Manageable type switch 24 Ports (10/100Mbps)			
		Autosensing Ports Power over Ethernet (PoE+)			
		1 RJ-45 Serial Console Port			
		2 Mini-GBIC SFP Ports 2 Gigabit Ethernet (10/100/1000BaseT) Ports			
		POE+, 8 ports, layer 2, 10/100 mbps, 2 SF	VOIP	3	
		module ports Laver 2 Manageble type switch			
		8 Ports (10/100Mbps) Autosensing Ports			
		Power over Ethernet (PoE+)			
		1 RJ-45 Serial Console Port 2 Mini-GBIC SFP Ports			
		2 Gigabit Ethernet (10/100/1000BaseT) Ports			
		VOIP Standard Phone HD Audio/Sound	VOIP	32 - 60	
		Support the features of the VOIP PBX/SIP			
		Server PoE support			
		Graphical LCD with Backlight Up to 2 SIP accounts			
		support phone auto provisioning			
		Local 3-way conferencing Headset support			
		Full-duplex speakerphone	VOIP		
		UPS, 6 KVA/4.8KW Rack Mounted	VOIP	2	
		2 yrs warranty 4-post Rack-mounting Telescoping Rack Slide			
		Kit]		
		SNMP Web card Start guide, user manual,			
		Remote configuration software Hardwired standard; optional PODs with			
		various NEMA receptacles			
		Built-in Bypass 220 - 240 V Input voltage			
		Circuit Breaker for Circuit protection Battery Type: Maintenance-free sealed Lead-			
		Acid battery: leakproof			
		Recharge time: 5 hours to 90% capacity LCD status / configuration display			
		Yes, On Inverter, On Bypass, On Battery,			
		Fault, ECO Mode, Outlet Groups On/Off (1) IntelliSlot, (1) fax port Type B, (1) DB9F Confourable audible alarm			
		UPS Battery	VOIP	1	
		- Replacement Battery for the Existing UPS Liebert GXT 6kVA			
		- Model GXT 144 FXS Gateway / ATA - 24 ports	VOIP	1	
		Interfaces: 24 ports FXS Port	VOIP	'	
		1 Micro USB Port 1 LAN Ethernet 10/100 BASE-T			
		Should support the features of Core			
		VOIP PBX/SIP Server Should support analog phones and fax			
		FXS Gateway / ATA - 2 ports	VOIP	1	
		Interfaces: 2 ports FXS Port		Ľ	
		1 Micro USB Port 1 LAN Ethernet 10/100 BASE-T			
		Should support the features of Core			
		VOIP PBX/SIP Server Should support analog phones and fax			
			1	1	
			VOIP	1	
		FXS Gateway / ATA - 4 ports Interfaces: 4 ports FXS Port	VOIP	1	
		FXS Gateway / ATA - 4 ports Interfaces: 4 ports FXS Port 1 Micro USB Port	VOIP	1	
		machine FXS Gateway / ATA - 4 ports Interfaces: 4 ports FXS Port 1 Micro USB Port 1 LAN Ethernet 10/100 BASE-T Should support the features of Core	VOIP	1	
		PXS Gateway / ATA - 4 ports FXS Gateway / ATA - 4 ports Interfaces: 4 ports FXS Port 1 Micro USB Port 1 LAN Ethernet 10/100 BASE-T Should support the features of Core VOIP PBX/SIP Server	VOIP	1	
		machine FXS Gateway / ATA - 4 ports FXS Gateway / ATA - 4 ports Interfaces: 4 ports FXS Port 1 Micro USB Port 1 LAN Ethernet 10/100 BASE-T Should support the features of Core VOIP PBX/SIP Server Should support analog phones and fax machine.			
		Pachines: A ports PXS Gateway / ATA - 4 ports PXS Gateway / ATA - 4 ports Interfaces: 4 ports PXS Port 1 LAV Ethernet 10:00 BASE-T Shop/ Bayport the features of Core Vote/ PX/SIP Server PM/SIP Server Database of the state of the state National Server State of the state National Server State of the state State of the state of the state of the state National Server State of the state of the state State of the state of the state of the state State of the state of the state of the state State of the state of the state of the state State of the state of the state of the state of the state State of the state of the state of the state of the state State of the state of the state of the state of the state State of the state of the state of the state of the state State of the state of the state of the state of the state State of the state of the state of the state of the state State of the state of the state of the state of the state of the state State of the state of the st	VOIP	1	
		Pachina FXS Gateway / ATA - 4 ports FXS Gateway / ATA - 4 ports FXS Gateway / ATA - 4 ports I functo USB Port I LAN Ethernet 10/100 BASE-T Should support the features of Core VOIP PBX/SIP Server Should support analog phones and fax machina Gigabit Switch, 24 ports, 4 SFP, Layer 2 manaceable Server - 1 unit			
		PSE Bioseway / ATA - 4 ports Interfaces: 4 ports FXS Port 1 Micro USB Port 1 LAN Ethernet 10/100 BASE-T Should support the features of Core VOIP PBX/SIP Server Should support analog phones and fax Gigabit Switch, 24 ports, 4 SFP, Layer Cananacable Rack mount With VGA and DVD ROM, USB Ports	VOIP		
		Pachine PSS Gateway / ATA - 4 pots PSS Gateway / ATA - 4 pots PSS Gateway / ATA - 4 pots Interfaces: A ports PSS Port 1 LAN Ethernet 10/100 BASE-T Should support the features of Core VOIP PBX/SIP Server Should support analog phones and fax Should support analog phones and fax Should support analog phones and fax Gigabit Switch, 24 ports, 4 SFP, Layer Z managaebit Server - 1 unit Rack mount With VGA and DVD ROM, USB Ports Processor: 1 CPU, Intel® Xeon® E5-	VOIP		
		Pachine PAS Gateway / ATA - 4 pots PAS Gateway / ATA - 4 pots PAS Gateway / ATA - 4 pots PAS Gateway / ATA - 4 pots / Inco USB PAS Port / Inco USB Ethernet 10/100 BASE-T Should support analog phones and fax Should support analog phones and fax Gigabit Switch, 24 ports, 4 SFP, Layer 2 managabit Switch, 24 ports, 4 SFP, 24 ports, 4 SFP, 24 ports, 4 SFP, 24 ports, 4 SFP	VOIP		
		PSE Biolowewy IATA - 4 ports PSE Biolowewy IATA - 4 ports Interfactosa: 4 ports FXS Port 1 Micro USB Port 1 LAN Ethernet 10/100 BASE-T Should support the features of Core VOIP PBX/SIP Server Should support analog phones and fax machina Gigabit Switch, 24 ports, 4 SFP, Layer Gigabit Switch, 24 ports, 4 SFP, Layer Rack mount With VGA and DVD ROM, USB Ports Processor: 1 CPU, Intel® Xeon9 E5- S30 v 3 2 4/67.2 20M Cache, 8 0.05 T/S QPI, Turbo, HT,8C/16T (85W) Max Mem 1866Mrz	VOIP		
		Installaneway IATA - 4 ports Installaneway IATA - 4 ports Installaneway IATA - 4 ports Installaneway IATA - 4 ports I LAN Elhemet 10/100 BASE-T Should support the features of Core VOIP PBX/SIP Server Should support analog phones and fax Installaneway IATA - 4 ports, 4 SFP, Layer I manaceasiane Statk - 4 unit Statk - 4 u	VOIP		
		Pachina A pois A part A pois PSS Galaway / ATA - 4 pois PSS Galaway / ATA - 4 pois PSS Galaway / A pois PSS Port 1 LAV Ethernet 10 100 BASE-T Should support the features of Core Volume / Brows / A pois / A p	VOIP		
		Institution, ATA, -4 ports Institution, ATA, -4 ports Institution, Arots FXS Port 1 Micro USB Port 1 LAN Ethernet 10/100 BASE-T Should support the features of Core VOIP PBX/SIPS Server Should support analog phones and fax VoiP PBX/SIPS Server Should support analog phones and fax Institution Gigabit Switch , 24 ports, 4 SPF, Layer Gigabit Switch , 24 ports, 4 SPF, Layer State , -1 unit State , -1 u	VOIP		
		Institution of the second seco	VOIP VOIP		
		Packhos Apote YATA - 4 pote PSS Gate X - 4 pote Should support the features of Core VOIP PSX/SIS Server Should support analog phones and fax machina Gigabit Switch, 24 ports, 4 SFP, Layer Z manaceable Server - 1 unit Rack mount With VGA and DVD ROM. USB Ports Processor: 1 CPU, Intel® Xeon® E5- 2530 v3 2-4GHz 20M Gache, 8.0G715 2430 v2 -4GHz 20M Gache, 8.0G715 2430 v2 -4GHz 20M Gache, 8.0G715 2430 v2 -4GHz 20M Gache, 8.0G715 Vith VGA and DVD ROM. VSB Ports Mem 1868/hz Mem 1868/hz Mem 1868/hz Mem 1968/hz Mar Drive: 2 x 600G8 15K RPM SAS Gops 2.5 1-10-Jug Hard Drive PSU : Joual, Hotplug Power Supply Hardware RAID support Inclusion:	VOIP		
		PSE Bioseway IATA - 4 ports PSE Bioseway IATA - 4 ports Interfaces: 4 ports FXS Port 1 Micro USB Port 1 LAN Elment 10/100 BASE-T Should support the features of Core VOIP PBX/SIP Server Should support analog phones and fax machina Gigabit Switch, 24 ports, 4 SFP, Layer 2 managoable Rack mount With VGA and DVD ROM, USB Ports Processor: 1 CPU, Intel® Xeon® E5- 250 v 3 2 4/674.20M Cache, 8.060 T/s QPI, Turbo, HT,8C/16T (55W) Max Mem 1866Mrz Mem 25 400/BL SK RPM SAS Golps 2 5 Holpiug Hard Drive PSU : Dual, Hochpiug Power Supply Hardware RAID Support Inclusion: On-site instatation, testing and configuration	VOIP VOIP		
		Inschlanzeney IATA - 4 ports Inschlanzeney IATA - 4 ports RNsdracsz: 4 ports FXS Port 1 Micro USB Port 1 LAN Elhemet 10/100 BASE-T Should support the features of Core VOIP PBX/SIPS Server Should support analog phones and fax Inschlanzeney Gigabit Switch , 24 ports, 4 SFP, Layer Z manaceable Statures - 1 unit Statures - 1 unit Statures - 1 unit 	VOIP VOIP		
		Inschlusser ATA - 4 ports Instances - 4 ports Infances - 4 ports FXS Port Infance JSB Port I LAN Ethernet 10/100 BASE-T Should support the features of Core VOIP P8X/SIP Server Should support analog phones and fax machina Gigabit Switch , 24 ports, 4 SFP, Layer Z manaceable Server - 1 unit Processor: 1 CPU Intel® Xeon® E5- Sign 23 - 24F4: 20M Cache & 0.00 F/s CPI, Turbe, HT & C/16T (85W) Max Mem 186Mbrz Mem 186Mbrz Mem 186Mbrz Mardware RAD Support Inclusion: On-site installation, testing and configuration of all active components Onsite Technical Training One (1) year warrany on hardware and	VOIP VOIP		
		PSE Biolowey / ATA - 4 ports Instratosa: 4 ports FXS Port 1 Micro USB Port 1 LAN Elment 10/100 BASE-T Should support the features of Core VOIP PBX/SIP Server Should support analog phones and fax machina Gigabit Switch, 24 ports, 4 SFP, Layer 2 manasa-to the Rack mount With VSA and DVD ROM, USB Ports Processor: 1 CPU, Intel® Xeon® E5- 2500 v 2 4 cffr. 20M Cache & 0.00 T/S QPI, Turbo, HT, 8C/16T (85W) Max Memory: 2 x 16GB RDIMM, 2133mt/S, Usal Rank Hard Drive: 2 x 600GB 15K RPM SAS GSIpps 2 5 hotplug Hard Drive F3U: Dual, Hotplug Prover Supply Hardwar RALB support Indusion: On-site installation, testing and configuration of all active components Voice prompt recording One (1) year warrenty on hardware and Software With Rush Business	VOIP VOIP		
		Inschlusser ATA - 4 ports Instances - 4 ports Infances - 4 ports FXS Port Infance JSB Port I LAN Ethernet 10/100 BASE-T Should support the features of Core VOIP P8X/SIP Server Should support analog phones and fax machina Gigabit Switch , 24 ports, 4 SFP, Layer Z manaceable Server - 1 unit Processor: 1 CPU Intel® Xeon® E5- Sign 23 - 24F4: 20M Cache & 0.00 F/s CPI, Turbe, HT & C/16T (85W) Max Mem 186Mbrz Mem 186Mbrz Mem 186Mbrz Mardware RAD Support Inclusion: On-site installation, testing and configuration of all active components Onsite Technical Training One (1) year warrany on hardware and	VOIP VOIP		
		Inschluse Park Faller In Micro USB Port I LAN Etheria Ports FXS Port I LAN Etheria I (0100 BASE-T Should support the features of Core VOIP PBX/SISP Server Should support analog phones and fax Gigabit Switch , 24 ports, 4 SFP, Layer Gigabit Switch , 24 ports, 4 SFP, Layer Gigabit Switch , 24 ports, 4 SFP, Layer Sarver - 1 unit Rack mount With VGA and DVD ROM, USB Ports S930 v3 2.46Hz.200 Cache, 8 005 7/6 2609 x2 514Hz.200 Cache, 8 005 7/6 2609 x2 514Hz.200 Cache, 8 005 7/6 Mem 1868ML/K16T (65W) Max Mem 007 : 2 x 16GB RDIMM, 2133mt/S, Dual Rank Hard Drive : 2 x 600GB 15K RPM SAS Gigab 25 140-blug Hard Drive PSU : Dual, Horblug Power Supply Hardware RAD Support Inclusion: On-site installation, testing and configuration of all active components Voice prompt recording One (1) year warranty on hardware and software with next business day replacement for non-working maturchiong active	VOIP VOIP		
		Inschlusser ATA - 4 ports FXS Gates - 4 ports Server - 5 ports Gigabit Switch, 24 ports, 4 SFP, Layer Zmanaceable Server - 1 unit With VGA and DVD ROM. USB Ports Processor: 1 CPU, Intel® Xeon8 E5- 2330 v3 2-4GHz, 20M Gache, 8.00G TX Altern - 1 Roch - 1 GBNM Max Mem 1886Mrz Memory: 2x 16GB RDIMM, 2133mt/S, Dual Rank Memory: 2x 16GB RDIMM, 2133mt/S, Dual Rank Hard Nark FXS - 5 ports - 1 ports Server - 1 ports Server - 1 unit Memory: 2x 16GB RDIMM, 2133mt/S, Dual Rank Hard Drive FXS: 2 k00CB 15K RPM SAS SGSps 25 hot-plug Hard Drive FXS: 2 bot-plug Fare Supply Hardware RAID support Indusion: On-site installation, testing and configuration of al active components Voice prompt recording Onsite Technical Imaing One (1) year warranty on hardware placement for non-working mathemationing active components Escalation Procedure: Remote technical support (2 yrs, 24 x 7).	VOIP VOIP VOIP	3	
		POST Biolowey / ATA - 4 ports Interfaces: 4 ports Interfaces: 4 ports Thick - 2 ports	VOIP VOIP VOIP	3	
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