

PURCHASE ORDER  
PCIEERD- DOST

**Mode of Procurement :Public Bidding**

Please furnish this Office the following articles subject to the terms and conditions contained herein:

Payment Term : Government Term

Stock/ Property No.	Unit	Description	Quantity	Unit Cost	Amount
	lot	ICT SERVICE PROVIDER FOR THE ESTABLISHMENT OF SOFTWARE BASED VOICE OVER INTERNET PROTOCOL (VOIP) WITH PROVISION OF ITEMS	1		1,787,300.00
		Scope of Work:			
		*Conduct assessment of the existing VOIP phone system of PCIEERD			
		which includes site visits and meetings w/ PCIEERD and involved parties			
		*Recommend new VOIP Phone system infrastructure design/layout			
		*Implement new VOIP phone system infrastructure including installation, configuration and provision of items			
		<i>*See attached breakdown of items</i>			
		Less: 5% VAT 79,790.18			
		2% EWT 31,916.07			111,706.25
					1,675,593.75

(Total Amount in Words) ONE MILLION SIX HUNDRED SEVENTY FIVE THOUSAND FIVE HUNDRED NINETY THREE PESOS & 75/100

Conforme:

Very truly yours,

Executive Director  
Designation

Amount: \_\_\_\_\_

FAD



# LIST/BREAKDOWN OF ITEMS

ITEM#	DESCRIPTION	QTY	UNIT	UNIT COST	AMOUNT
1	Software-based IP Phone System, 3CX Professional Edition 32SC	1	LOT	210,800.00	210,800.00
	<b>General Features:</b>				
	* 32 Concurrent users license (perpetual including one(1) year maintenance)				
	*Unlimited extension				
	*Call logging				
	*Call Forward on Busy or No Answer				
	*Call Routing by DID				
	*Auto Attendant / Digital Receptionist				
	*Voicemail/ Music on Hold				
	*Central Phonebook				
	*Call Transfer				
	*MWI – Message Waiting Indicator				
	*Ring Extension & Mobile Simultaneously				
	*Automatic Pickup on Busy				
	*Supports SIP Trunks/ Gateways				
	*Sennheiser Headset Integration				
	*Extensive Codec Support (G711, G722, GSM, Speex, ILBC)				
	*G729 Codec Support				
	*Custom FQDN				
	*Busy Lamp Field (BLF)				
	*Call Reporting				
	*Call Parking / Pickup				
	*Call Queuing				
	*Call Recording				
	*Intercom/ Paging ( whisper capability)				
	*Call Recordings Management				
	*Configure BLF's from the Clients				
	*Multi-platform PBX – Linux, Windows, Cloud				
	<b>Management and Scalability</b>				
	*Web-based Management Console				
	*Automated Provisioning of Devices				
	Real Time Web-based System Status				
	*Integrated Web Server				
	*Easy Backup and Restore				
	*SBC to Configure Remote Extensions				
	*VMware / Hyper-V Compatibility				
	*Scheduled Backup				
	*Connect Remote 3CX PBX Systems (Bridges)				
	*Scheduled Restore				
	*Inbuilt Fail Over Functionality				
	<i>Sub-Total</i>				210,800.00

CONFORME: \_\_\_\_\_  
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# LIST/BREAKDOWN OF ITEMS

ITEM#	DESCRIPTION	QTY	UNIT	UNIT COST	AMOUNT
	<i>Sub-total forwarded</i>				210,800.00
	<b>Unified Communications</b>				
	*See the Presence of Your Colleagues				
	*Receive Voice Mail via Email				
	*Advanced Forwarding Rules				
	*Click2Call Extension				
	*Receive Faxes via Email as PDF				
	*Integrated Fax Server				
	*View Presence of Remote Offices				
	<b>Mobility</b>				
	*Android Client				
	*iOS Client				
	*Windows Client				
	*Mac Client				
	*Web client				
	*Manage the Client from within the Console				
	*Includes Tunnel to Avoid NAT Problems				
	<b>IP Phone Management</b>				
	*Automatic Plug & Play Phone Provisioning				
	*Manage IP Phones Network Wide from Console				
	*Restart Phones Remotely				
	*Update & Manage Firmware Network Wide				
	*Supports Popular SIP Phones				
	<b>Web Conferencing</b>				
	*Plugin Free – WebRTC				
	*One-click conference				
	*Meeting Recording				
	*Remote Control / Assistance				
	*Screen Sharing				
	*Unlimited Users				
	*Participants Included – 50				
	*Service Level Agreement				
	*On call support				
	*On site supports and services				
2	<b>8 Ports FXO with fail over capability</b>	3	unit	27,500.00	82,500.00
	*Analog ports: 8FXO ports				
	*Protocal: SIP and IAX2 Fax over IP:T.38				
	<b>Sub-total</b>				293,300.00

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## LIST/BREAKDOWN OF ITEMS

ITEM#	DESCRIPTION Sub-total forwarded	QTY	UNIT	UNIT COST	AMOUNT 293,300.00
	*Codec:G.711 G.722 G.726 G729A, GSM, AADPCM, Speex				
3	IP Phone, Yealink SIP-T21P E2	9	units	9,000.00	81,000.00
	* 2 VOIP accounts				
	* Call hold, mute, DND				
	*One-touch speed dial, hotline				
	*Call forward, call waiting, call transfer				
	*Group listening, SMS, emergency call				
	*Local 3-way conferencing				
	*Direct IP call without SIP proxy				
	*Ring tone selection/import/delete				
	*Set date time manually or automatically				
	*Dial Plan				
	*XML Browser, action URL/URI				
	*Integrated Screenshots				
	*RTCP-XR				
4	8 channel VOIP GSM Gateway,Yeaster TG 800	1	unit	82,000.00	82,000.00
5	Rackmount Server, Dell Power Edge R430	1	unit	269,000.00	269,000.00
	*Intel Xeon E5-2630 v4 2.2GHz,25M				
	*QPI,Turbo,HT,10C/20T (85W)				
	* Max Mem 2133MHz				
	*4 x 16GB RDIMM, 2400MT/s, Dual Rank, x8 Data Width				
	*On-Board LOM 1GBE (Dual Port for Towers, Quad Port for Racks)				
	*PERC H730P Integrated RAID Controller, 2GB Cache				
	2 x 600GB 10K RPM SAS 12Gbps 2.5in Hot- plug Hard Drive				
	*2.5" Chassis with up to 8 Hot Plug Hard Drives				
	* DVD+/-RW SATA Internal				
	*Single, Hot-plug Power Supply (1+0), 550W				
	* Enterprise				
	*Rack				
	* 3 Yr Onsite Service - VN,PH,BN				
6	Desktop Computers, Dell Optiplex 7050MT	14	units	65,000.00	910,000.00
	*Intel Core i7 7700 7Gen 3.6 2400MHz Quad Core CPU				
	1TB 7200RPM SATA-6G 3.5in				
	*8GB (1x8GB) DDR4 2400 UDIMM NECC Unbuffered Memory				
	*Windows 10 Pro 64 OLP				
	Sub-total				1,635,300.00

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# LIST/BREAKDOWN OF ITEMS

ITEM#	DESCRIPTION	QTY	UNIT	UNIT COST	AMOUNT
	Sub-total forwarded				1,635,300.00

- \*Single Unit (Microtower) EPE Packaging
- \*HP 280 G3 MT HE Chassis
- \*C13 1.8m Power Cord PHIL
- \*180W SFF EPA85 FR 115V/230V +12V
- \*ProDisplay P223 Monitor(21.5")
- (1)DisplayPort 1.2, (1)V
- \*USB Hardened Mouse
- \*Wired Keyboard PHIL
- \*EPEAT Silver Flag
- \*ENERGY STAR Certified Label
- \*3.5 BAY SATA Cable Kit
- \*3 YEARS WARRANTY
- \* 3/3/3 (material/labor/onsite) MT
- Warranty A/P

7	UPS, APC BACK UPS 625VA BX625 I-MS	20	units	7,600.00	152,000.00
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- \*Output power capacity 325Watts / 625VA
- \*Max Configurable Power (Watts) 325Watts / 625VA
- \*Nominal Output Voltage 230V
- \*Efficiency at Full Load 65.3 %
- \*Battery type Maintenance-free sealed Lead-Acid battery with suspended electrolyte : leakproof

**Grand Total**

1,787,300.00

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