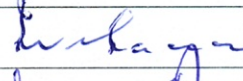
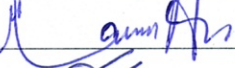
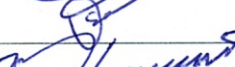
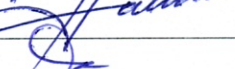
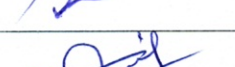
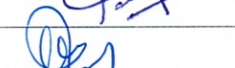


Provide, Supply and Install VoIP Telephony Solution  
 Comparative Statement  
 Tender # IT/17/23-24

Sr	Description	Qty	M/s. Clicktech		M/s. Information Systems Associates Limited	
			Rate	Amount	Rate	Amount
	Quoted Brand		Grandstream		Grandstream	
	Quoted Model		UCM6308		UCM6308	
1	<b>Internet Protocol Private Branch Exchange (IP PBX)</b> <ul style="list-style-type: none"> <li>• PTA-approved SIP Server</li> <li>• Hybrid Functionality</li> <li>• Multi-video codec that controls up to 3000 Audio/Video SIP sessions and expendable up to 100 Trunks and 1000 Analog Extensions with support of E1-T1-J1 cards</li> <li>• Licensed, Free CRM solution for 2 users and expendable</li> <li>• 16 X RJ-11 Ports for programming and complied by HA Concept support LDAP</li> <li>• Advance communication features: Call park, call forward, call transfer, call waiting, caller ID, call record, call history, ringtone, IVR, music on hold, call routes, DID, DOD, DND, DISA, ring group, ring simultaneously, schedule, PIN groups, call queue, pickup group, paging/intercom, voicemail, call wakeup, SCA, BLF, voicemail to email, fax to email, speed dial, call back, dial by name, emergency call, call follow me, blacklist/whitelist, voice conference, video conference, event list, feature codes, busy camp-on/ call completion, voice control, post-meeting reports, virtual fax, email to fax</li> <li>• Remote Mobility license for 50 users and Centralized Control through Cloud / On-premises</li> <li>• Should include 3rd party endpoint license for 1500 users.</li> <li>• Interface: 3 X Gigabit Network Ports</li> <li>• Peripheral Ports 1*USB 3.0, 1*SD card interface, 1*USB 2.0, 1*USB 3.0, 1*SD card</li> </ul>	4	953,344.00	3,813,376.00	830,250.00	3,321,000.00
2	<b>Android Enterprise Conference Phone</b> <ul style="list-style-type: none"> <li>• IP Audio Conference: Executive Level Android based Conference Phones with 6 Lines, 6 SIP, Audio Codec</li> <li>• Protocols/Standards: SIP RFC3261, TCP/IP/UDP, RTP/RTCP, HTTP/HTTPS, ARP, ICMP, DNS (A record, SRV, NAPTR), DHCP, PPPoE, SSH, TFTP, NTP, STUN, SIMPLE, LLDP, LDAP, TR-069, 802.1x, TLS, SRTP,</li> <li>• Speakerphone: Frequency: 220-18,000 Hz Volume: Up to 86 dB at 0.5-meter Audio full duplex</li> <li>• Bluetooth / WiFi: Yes, integrated. Bluetooth 4.0 / integrated. 802.11 b/g/n</li> <li>• Voice Codecs: Support for G.711µ/a, G.722, G.726, ilBC, Opus, G.722.1 and G.722.1c in-band and out-of-band DTMF (In audio, RFC2833, SIP INFO), G.729A/B, VAD, CNG, AEC, PLC, AJB, AGC</li> </ul>	4	215,600.00	862,400.00	252,000.00	1,008,000.00
3	<b>Operator Console</b> <ul style="list-style-type: none"> <li>• Supply of 12 Line supported Operator Console with BLF Keys</li> <li>• Telephony Features; Hold, transfer, forward, 5-way conference, call park, call pickup, shared-call-appearance (SCA)/bridged-line-appearance (BLA), downloadable phonebook (XML, LDAP, up to 2000 items), call waiting, call log (up to 500 records), XML customization of screen, off-hook auto dial, auto answer, click-to-dial, flexible dial plan, hot desking, personalized music ringtones and music on hold, server redundancy and fail-over and supports upto 4 DSS Modules for easy Operator Management.</li> </ul>	3	81,271.00	243,813.00	75,600.00	226,800.00
4	<b>LCD Expansion Modules</b> <ul style="list-style-type: none"> <li>• Supply of easy management Operator console DSS Modules</li> </ul>	6	89,670.00	538,020.00	63,000.00	378,000.00
5	<b>SIP Phones Licenses</b> <ul style="list-style-type: none"> <li>• The license should include 3rd party endpoint integration of Cisco IP Phones 1500 users</li> </ul>	1500	800.00	1,200,000.00	1,050.00	1,575,000.00
6	<b>Remote Mobility Licenses</b> <ul style="list-style-type: none"> <li>• Remote Mobility license for 50 users and Centralized Control through Cloud / On-premises</li> <li>• 8 concurrent voice/video calls, 50 registered users, 1GB cloud storage for 05 years</li> </ul>	50	5,000.00	250,000.00	8,370.00	418,500.00
7	<b>Deployment</b> <ul style="list-style-type: none"> <li>• Configuration, installation, testing and commissioning charges</li> </ul>	1	350,000.00	350,000.00	420,000.00	420,000.00
8	<b>Support &amp; Service</b> <ul style="list-style-type: none"> <li>• 5 years service plan and integration of the system with existing telecom network; 12 months x 5 years</li> </ul>	1	875,000.00	875,000.00	2,434,185.00	2,434,185.00
		<b>Total</b>		8,132,609.00		9,781,485.00
		<b>18% GST (If Applicable)</b>		982,369.62		888,084.00
		<b>13% SST (If Applicable)</b>		347,750.00		630,199.05
		<b>Grand Total</b>		9,462,728.62		11,299,768.05

Muhammad Anwar	Chairperson PC-B	Chief Librarian	
Mansoor Ali	Member PC-B	Manager IT	
Osama A Qayoom	External Member PC-B	Head of Biomedical Engineering Department, DOW Univesity	
Muhammad Naveed Akhtar	External Member PC-B	Chief Accounts Officer, KIBGE UoK	
Shahab Uddin Khan	Member PC-B	Manager Administration	
Muhammad Hanif	Member PC-B	Senior Executive Procurement	
Mirza Mudassir Baig	Member PC-B	Senior Executive Finance	