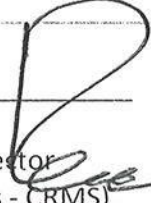


Technical Evaluation for Purchase of IP Phone
Tender # NADRA-HQ-RFB-54/2026

Ser.	Requirement	M/s AYK (Pvt) Ltd Model: Edge E100, Make: Poly, USA	M/s Nouman Business Corporation GrandStream GRP2602
1	Firm has a Valid NTN Registration	Yes	Yes
2	Firm has a Valid GST Registration	Yes	Yes
3	Firm is active on ATL list of FBR	Yes	Yes
4	Affidavit for Non-Blacklisting	Yes	Yes
5	Bidding firm should OEM or Directly Authorized by OEM or Authorized Distributer of OEM or Manufacturing Authorization Letter (MAL)	Yes	Yes
6	Letter of Bid Technical (sealed with technical bid)	Yes	Yes
7	**Letter of Bid Financial (sealed with financial bid)	check at the time of financial opening	
8	Warranty	Yes	Yes
9	Bid Security	Yes	Yes
10	Firm must have relevant experience of providing items. Attach relevant POs of last 05 Years. (Copies of POs / Contracts not below Rs. 500,000/- which may be verified)	Yes	Yes
Comply / Not Comply		*Comply	Comply

*M/S AYK has provided Non-Blacklisting Affidavit on his letterhead instead of Affidavit. Once the Non-black listing affidavit provided, the vendor may be considered qualified/compliant.

** Procurement deptt to check compliance of serial no. 7

Member 
Bilal Athar
Deputy Director
(Operations - CRMS)

Member 
Muhammad Ikram
Deputy Director
(C&IT SVCS Dte.)

Member 
Abdul Jabbar
Deputy Director
(Technology Dte.)
13/05/2026

President 
Hassan Mirza
Director
(Operations - IOOD)

Technical Evaluation for Purchase of IP Phone
Tender # NADRA-HQ-RFB-54/2026

Sr. No.	Technical Specification	M/s AYK (Pvt) Ltd Model: Edge E100, Make: Poly, USA	M/s Nouman Business Corporation GrandStream GRP2602
1	SIP Protocol Support	Yes	No - Sample Not Provided
2	2 SIP identity (registration)/ 2 programmable line keys	Yes	
3	Shared call/bridged line appearance	Yes	
4	2.5" graphical backlit monochrome LCD (132x64 pixel resolution minimum)	Yes	
5	Voicemail support	Yes	
6	Reversible desk stand/wall mount	Yes	
7	Unicode UTF-8-character support	Yes	
8	Multilingual user interface support	Yes	
9	4 x context-sensitive "soft" keys	Yes	
10	2-line keys with bi-colour (red/green) LED "Home" feature key	Yes	
11	4-way navigation key cluster with center "Select" key	Yes	
12	2 volume control keys	Yes	
13	Dedicated keys: Back and Home Hold and Transfer Headset Hands-free speakerphone Microphone Mute	Yes	
14	Flexible line appearance (one- or two-line keys can be assigned for each registration)	Yes	
15	Enhanced Feature Keys make powerful feature shortcuts on line key appearances or soft keys	Yes	
16	Distinctive incoming call treatment/call waiting	Yes	
17	Call timer and call waiting	Yes	
18	Call transfer, hold, divert (forward), park, pickup	Yes	
19	Called, calling, connected party information	Yes	
20	Local three-way audio conferencing	Yes	
21	One-touch speed dial, redial	Yes	
22	Remote missed call notification	Yes	
23	Do not disturb function	Yes	
24	Reverse Number Lookup via LDAP	Yes	
25	Calling Party Identification (RFC8225 classifications—Trusted, Unknown, SPAM)	Yes	
26	Electronic hook switch capable	Yes	
27	HD Voice delivery, lifelike voice quality for each audio path handset, the hands-free speakerphone, and the optional headset	Yes	
28	Acoustic Fence technology removing background office noise heard by far end when using handset or wired headset	Yes	
29	Acoustic Clarity technology providing full-duplex conversations, acoustic echo cancellation and background noise suppression	Yes	
30	Computer Audio Connector app installed on your computer lets you play computer audio through your phone and use your phone as a microphone	Yes	
31	TIA-920 Wideband Audio	Yes	
32	Type 1 compliant (IEEE 1329 full duplex)	Yes	
33	Frequency response—150 Hz—7 kHz for hands-free speakerphone, handset and optional headset mode	Yes	
34	Codecs: G.711 (A-law and μ -law), G.729AB, G.722 (HD Voice), iLBC	Yes	
35	Individual volume settings with visual feedback for each audio path	Yes	
36	Voice activity detection	Yes	
37	Comfort noise generation	Yes	
38	DTMF tone generation (RFC 2833 and in-band)	Yes	
39	Low-delay audio packet transmission	Yes	
40	Adaptive jitter buffers	Yes	
41	Packet loss concealment	Yes	
42	Local configurable digit map/dial plan	Yes	
43	SDP (Session Description Protocol) support	Yes	
44	IETF SIP (RFC 3261 and companion RFCs)	Yes	
45	Two-port Ethernet switch 10/100BaseTX across LAN and PC Ports	Yes	
46	Manual or dynamic host configuration protocol (DHCP) network setup (before boot process)	Yes	
47	Time and date synchronization using SNTP	Yes	
48	FTP/FTPS/TFTP/HTTP/HTTPS server based central provisioning for mass deployments	Yes	
49	Provisioning and call server redundancy supported	Yes	
50	QoS Support—IEEE 802.1p/Q tagging (VLAN), Layer 3 TOS, and DHCP	Yes	
51	VLAN—CDP, DHCP VLAN discovery, LLDP-MED for VLAN discovery	Yes	
52	Network Address Translation (NAT) — support for static configuration	Yes	
53	"Keep-Alive" SIP signalling	Yes	
54	RTCP and RTP support	Yes	
55	Event logging, Syslog	Yes	
56	Hardware diagnostics	Yes	
57	Status and statistics reporting	Yes	
58	TCP, UDP, DNS-SRV support	Yes	
59	IPv4, IPv6, dual stack (IPv4/IPv6) mode	Yes	
60	Supports SDK and API for third- party business and personal applications	Yes	

[Handwritten signatures and initials]

Technical Evaluation for Purchase of IP Phone
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Sr. No.	Technical Specification	M/s AYK (Pvt) Ltd Model: Edge E100, Make: Poly, USA	M/s Nouman Business Corporation GrandStream GRP2602
61	Corporate Directory Access using LDAP	Yes	No - Sample Not Provided
62	Visual Conference Management	Yes	
63	Dedicated RJ-9 headset port	Yes	
64	Hearing aid compatibility (HAC) to ITU-T P.370 and TIA 504A standards	Yes	
65	Compliant with ADA Section 508 Subpart B 1194.23 (all)	Yes	
66	Hearing aid compatible (HAC) handset for magnetic coupling to hearing aids	Yes	
67	Compatibility with commercially-available TTY adapter equipment	Yes	
68	802.1X Authentication and EAPOL Media encryption via SRTP	Yes	
69	Transport Layer Security (TLS)	Yes	
70	Encrypted configuration files	Yes	
71	Digest authentication	Yes	
72	Password login on Phone & via web access	Yes	
73	Support for URL syntax with password for boot server address	Yes	
74	HTTPS secure provisioning	Yes	
75	Built-in auto sensing IEEE 802.3af Power over Ethernet Class 2, 5.0 W (Max)	Yes	
76	External Universal AC/DC Adapter 5VDC @ 3A (15W), ENERGY STAR® rated	Yes	
77	Approvals: FCC Part 15 (CFR 47) Class B, ICES-003 Class B, EN55032 Class B, CISPR32 Class B, VCCI Class B, EN55024, EN61000-3-2; EN61000-3-3, NZ Telepermit, Korea KCC, UAE TRA, Russia CU, Brazil ANATEL, Australia RCM, South Africa ICASA, RoHS Compliant	Yes	
78	Safety: UL 60950-1/62368-1, CE Mark, CAN/CSA C22.2 No 60950-1/62368-1-1, EN 60950-1/62368-1, IEC 60950-1/62368-1, AS/NZS 60950-1	Yes	
79	Operating Conditions: Temperature: 0 to 40°C (+32 to 104°F), Relative humidity: 5% to 95%, noncondensing	Yes	
80	Storage Temperature: -40 to +70° C (-40 to +160° F)	Yes	
81	IP Phone box with: Console, Handset with handset cord, Network (LAN) cable—CAT-5E, Desk Stand/Wall Mount Bracket, Operating Manual & Power Adapter	Yes	
82	Warranty: 1 (One) year	Yes	
Following points are mandatory			
83	Local / China brands are not acceptable other than big Chinese IP Phones who have full technical support over the internet related to troubleshooting support / firmware upgrade	Yes	
84	1-year local repair / service warranty (if phone gets damaged i.e., power issue, buttons issue etc. must be repaired or replaced)	Yes	
85	Interoperability with leading IP PBX and Soft Switch Platform	Yes	
86	IP Phones are required with power adaptors	Yes	
87	Sample phone to be provided for testing along with technical evaluation	Yes	
88	All other / each and every Technical Specifications mentioned in this document must be complied	Yes	
89	Standard Warranty: 01 Year	Yes	
IP Phone Testing Report:		Yes - attached	
Qualified / Disqualified		☒ Qualified	☐ Disqualified

Member
Bilal Athar
Deputy Director
(Operations - C/MIS)

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