TENDER SPECIFICATION – PROCUREMENT OF VARIOUS TELEPHONE SETS FOR BN PABXS

1. **Name of the Items/equipments with quantity**. The name of items with quantity are as follows:

Ser	Unit	Name of items	Quantity
1.	NHQ	Analogue Caller ID telephone set compatible with NEC, Karel and Grandstream.	150 in no's
2.		Digital cordless telephone set compatible with Panasonic and NEC	20 in no's
3.	BNS ISSA KHAN	Analogue Caller ID telephone set compatible with Karel	150 in no's
4.		Digital telephone set compatible with Karel	05 in no's
5.		Basic IP telephone set, compatible with Karel and Grandstream.	20 in no's
6.		SIP telephone set compatible with Karel	10 in no's
7.	BNS ULKA	Analogue Caller ID telephone set compatible with Grandstream	40 in no's
8.		Basic IP telephone set compatible with Grandstream	20 in no's
9.		SIP telephone set compatible with Grandstream	04 in no's
10.	BNS BHATIARY	Analogue Caller ID telephone set compatible with Karel	25 in no's
11.		Basic IP telephone set compatible with Karel	10 in no's
12.		Executive IP telephone set, compatible with Karel	02 in no's
13.	BNS SHAHEED MOAZZAM	Analogue Caller ID telephone set compatible with Grandstream	20 in no's
14.	SOLAM	Basic IP telephone set compatible with Karel	15 in no's

2. **Purpose**. To uninterrupted telecommunication in BN.

3. **Country of Origin**. As per technical specification.

4. **Country of Manufacture**. To be mentioned.

5. **Type/ Model/ Brand**. To be mentioned.

6. **Year of Manufacture**. 2025 or later.

7. **Qualification of Bidders**. Bidder must have following qualifications:

   a. Enlisted in NSSD Dhaka, Namapara, Khilkhet, Dhaka-1229.

   b. The bidder must have experience of supplying networking related items (Telephone set) for renowned organization (Govt/ Non-Govt). Supporting documents are to be submitted with the offer.

Directorate of Signals Naval Headquarters Banani Dhaka

CamScanner

8. **Source of supply**. To be mentioned.

9. **Ports of shipment**. To be mentioned.

10. **Scope of supply**. The equipment is to be supplied fulfilling the technical specifications and complete in all respect with all required standard accessories and attachments.

11. **Technical Specifications**.

a. **Analogue Caller ID Telephone Set (Compatible with NEC, Karel and Grandstream PABX)**

Ser	Features	Specification
1.	Type	Analogue Caller ID Telephone Set
3.	Brand	To be mentioned
4.	Model	To be mentioned
5.	Power Supply	Telephone line/ Adapter/ Adapter with Battery.
6.	Country of Origin	USA/ Japan/ EU countries.
7.	Country of Manufacturer	To be mentioned
8.	Colour	Black/ White
9.	Year of Manufacturing	2025 or later

b. **Digital Cordless Telephone Set compatible with NEC and Panasonic**

Ser	Features	Specification
1.	Type	Digital Cordless Phone
2.	Brand	To be mentioned
3.	Model	To be mentioned
4.	Country of Origin	USA/ Japan/EU countries.
5.	Country of Manufacturer	To be mentioned
6.	Colour	To be mentioned
7.	Year of Manufacturing	2025 or later
8.	The proposed telephone set should have the following features:	
	a. 1 base unit & 1 handset unit	
	b. Caller ID (base & handset unit)	
	c. Both unit Loud speaker option	
	d. 2.4 GHz Frequency	
	e. Power Back-Up Operation	
	f. 100 Name and Number Phonebook	
	g. Caller ID with 50 Station Call Log	
	h. Illuminated Display & Keypad	
	j. Intercom Between Handset and Base Unit	
	k. Locator Button to find misplaced handset	
	l. Smart Wall Mount Option	
	m. AAA Ni-MH Rechargeable Battery with Adaptor with Manual Guide	
	n. 1.8" Lighting Monitor	
	p. Call waiting	

c. **Digital telephone set (Compatible with Karel PABX)**

Ser	Features	Specification
1.	Type	Digital telephone set
3.	Brand	To be mentioned
4.	Model	To be mentioned
5.	Power source	Telephone line/ Adapter/ Adapter with Battery.
6.	Country of Origin	USA/ Japan/ Turkey/ EU countries.
7.	Country of Manufacturer	To be mentioned
8.	Colour	Black/ White
9.	Mass (Weight).	400 gm or more.
10.	Year of Manufacturing	2025 or later
11	The proposed telephone set should have the following features:	
	a. Display	
	b. Caller list	
	c. Hands free	
	d. Redial Key	
	e. One touch Key	
	f. Wall Mount	
	g. Flash/Hold Function	
	h. Speaker Key	
	j. Receiver Volume	
	k. Speaker Volume	
	l. Music on hold	

d. **Basic IP Telephone (Compatible with Karel and Grandstream PABX)**

Ser	Features	Specification
1.	Type	IP Telephone set
2.	Brand	To be mentioned
3.	Model	To be mentioned
4.	Country of Origin	USA/ Japan/EU countries.
5.	Country of Manufacturer	To be mentioned
6.	Colour	To be mentioned
7.	Source of supply	To be mentioned
8.	Port of shipment	To be mentioned
9.	Year of Manufacturing	2025 or later
10.	The proposed telephone set should have the following features:	
	a. Display and Indicator	
	b. HD voice: HD handset, HD speaker	
	c. One VoIP account	
	d. One-touch speed dial, hotline	
	e. Call recording	
	f. Call forward, call waiting, call transfer	
	g. Call history: dialed/received/missed/forwarded	
	h. Redial, call return, auto answer	
	j. Local 5-way conferencing	
	k. Set date time manually or automatically	
	l. Caller ID with name and number	
	m. 6 features keys: transfer, message, headset, redial, mute, hands-free speakerphone	

Directorate of Signals Bangladesh Dhaka Nawal Headquarters

e. **SIP Telephone Set (compatible with Karel and Grandstream PABX)**

Ser	Features	Specification
1.	Type	SIP Telephone Set
2.	Brand	To be mentioned
3.	Model	To be mentioned
4.	Power source	Telephone line/ Adapter
5.	Country of Origin	USA/ Japan/ Turkey/ EU countries.
6.	Country of Manufacturer	To be mentioned
7.	Colour	Black/ White
8.	Source of supply	To be mentioned
9.	Port of shipment	To be mentioned
10.	Year of Manufacturing	2025 or later
11.	The proposed telephone set should have the following features:	
	a. 132x64 pixel graphical LCD	
	b. Two-port 10/100 Ethernet Switch	
	c. PoE support	
	d. Up to 1 SIP account	
	e. Wall mountable	
	f. 6 features keys (message, headset, redial, transfer, mute, hands-free speakerphone)	
	g. 5 navigation keys	
	h. Volume control keys	
	j. Full-duplex hands-free speakerphone with AEC	
	k. Call hold, mute & DND	
	l. One-touch speed dial	
	m. Call forward, call waiting & call transfer	
	n. Redial, call return & auto answer	
	p. Call history (dialled, received, missed & forwarded)	
	q. Message Waiting Indicator (MWI)	
	r. Caller ID with name and number	

f. **Executive IP Telephone (Compatible with Karel PABX)**

Ser	Features	Specification
1.	Type	Executive IP Telephone set
2.	Brand	To be mentioned
3.	Model	To be mentioned
4.	Power source	Telephone line/ Adapter
5.	Country of Origin	USA/ Japan/ Turkey/EU countries.
6.	Country of Manufacturer	To be mentioned
7.	Colour	Black/ White
8.	Source of supply	To be mentioned
9.	Port of shipment	To be mentioned
10.	Year of Manufacturing	2025 or later

Directorate of Signals Naval Headquarters Banani Dhaka

11.	The proposed telephone set should have the following features:
	a. 3.66" (240x120-pixel) graphical LCD with backlight
	b. LED for call and message waiting indication
	c. HD handset, HD speaker & Full-duplex hands-free speakerphone with AEC
	d. Caller ID with name & number
	e. Intuitive user interface with icons and soft keys
	f. 6 VoIP accounts
	g. One-touch speed dial/redial
	h. Call forward, call waiting & music on hold
	j. Mute, auto answer & DND
	k. 3-way conference call
	l. Call history (dialled, received, missed & forwarded)
	m. Message Waiting Indicator (MWI)
	n. Dual-colour (red or green) illuminated LEDs for line status information

12. **Standard accessories**. Standard accessories and assemblies will include all items and accessories, which are essential to operate the equipment whether those are mentioned in the specification or not. A list of such items/accessories/assemblies is to be included in the quotation.

13. **Test, Trial and Acceptance.** On receipt of all kinds of telephone sets by NSSD Dhaka (consignee), supplier will carry out functional test/trial of telephone sets (one each model) other than Basic IP and SIP (compatible with Grandstream) in presence of Officer In-charge of BNS DHAKA Telephone Exchange. Functional test/trial of Basic IP and SIP telephone sets (compatible with Grandstream) will be carried out in presence of Officer In-charge of BNS ULKA Telephone Exchange. Upon satisfactory completion of the test and trials, Commanding Officer of BNS DHAKA and ULKA will issue performance certificate to ACINS Dhaka informing Directorate of Signals. ACINS Dhaka will issue Final Acceptance Certificate.

14. **Warranty**.

a. Warranty for 01 (One) year or manufacturer standard whichever is higher by the principal/ manufacturer for trouble free operation of supplied items wef the date of final acceptance by BN is to be given by the principal/ manufacturer/ Supplier.

b. During the warranty period, if any component of the supplied items becomes defective the warranty (For defective component) shall be extended automatically for the period of subject component remains defective. Moreover incase of any defective items or component if the whole system become defective or non-operational then the overall system warranty shall be extended automatically for the period of subjected component remain defective.

c. For warranty repair/ replacement, the supplier will collect the defective item from NSSD Dhaka and re-supply the same to collected place after warranty repair or for replacement as early as possible.

15. **Place of Delivery**. The supplier will arrange shipment of all telephone sets to NSSD Dhaka within 90 days after issuance of purchase order by BN.

16. **Offer Validity**. The offer should remain valid up to 30 June 2027.

Directorate of Signals Naval Headquarters Bangladesh Dhaka

17. **Terms of Payment**. 100% payment will be made in Taka after final acceptance given by ACINS Dhaka.

18. **Compliance Statement**. A compliance statement fulfilling all the requirement of the tender is to be submitted for evaluation of the quotations. Stating mere 'Yes' or 'No' will not suffice and detailed description/information as required is to be given. An incomplete compliance statement may attribute to cancellation of the offer. If any clause of this specification does not commensurate with offered item, the deviation has to be spelt out clearly.

19. **License**. One time/ lifetime license to be provided to use all the features of the IP telephone sets. Cost (if any) is to be shown separately in the offer.

20. **Technical Brochures**. Operation and service manuals for the offered telephone sets are to be submitted with the offer to facilitate technical evaluation.

21. **Sample**. One sample telephone set is to be submitted with the offer for each type of telephone sets.

22. **Participation of Bidders**. Bidders may participate for supplying all items or any of the items as convenient.

23. **Price Quotation**. All prices are to be quoted in taka including VAT/ Taxes and other dues as applicable. Offered price should have to be quoted separately as per para-1.

24. **Consignee**. Officer-In-Charge, NSSD Dhaka, Namapara, Khilkhet, Dhaka-1229.

03.11.26
MD MOMINUL ISLAM
Lt BN
Officer-In-Charge
NHQ Telephone Exchange
Directorate of Signals
Member Secy
Date:

04.11.26
MEHEDI HASSAN
Lt Commander BN
Staff Officer (NS-2)
Naval Headquarters
Banani, Dhaka-1213
Rep of DNS
Member
Date:

KHALID MUNTASIR
Lt Commander BN
Staff Officer (Plans & Tech)
Directorate of Naval Weapons
and Electrical Engineering
NHQ, Banani, Dhaka-1213
Rep of DNW&EE
Member
Date:

04/11/26
MD ABU SUFIAN
Lt Commander BN
Staff Officer (Repair)
Directorate of Naval Engineering
Naval Headquarters
Banani, Dhaka-1213
Rep of DNE
Member
Date:

5/11
ZAYNAL ABEDIN MAHBUB
Captain BN
Director of Signals
Naval Headquarters
D SIG
Member
Date:

5/11
JAMAL CHOWDHURY
Commodore BN
Director of Naval Operations
Naval Headquarters
Banani, Dhaka-1213
Member
Date:

05/11/26
SABBIR AHMED KHAN
Commodore BN
Director of Naval Plans
Naval Headquarters
Banani, Dhaka-1213
President
Date: