



DIRECTORATE GENERAL, CRPF
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No. B.V-7/2025-26-C-(IP PHONE)-QR CELL

Dated, the 6 Jan'2026

To

1. The DsG: AR, BSF, CISF, ITBP, NSG, SSB and BPR&D
2. Director, DCPW

Subject: QRs/TDs OF “IP PHONE” REGARDING.

I am directed to refer to the subject mentioned above and to say that the QRs/TDs of “**IP PHONE**” have been approved by the DG CRPF after due deliberations as per recommendations of CAPFs sub-group of technical experts and experts from DCPW.

2. QRs/TDs of “**IP PHONE**” forwarded earlier vide letter No. B.V-7/2019-20-C(IPP) dated 02/05/2019 stand rescinded

Encl:-As above

(Rajendra Singh Sekhawat)
DIG (Eqpt/Comn)
Communication & IT Branch
Directorate General C R P F

No. B.V-7/2025-26-C-(IP PHONE)-QR CELL

Dated, the 6 Jan'2026

Copy to:-

1. Mr. Deepak Kumar, Technical Director, North block, MHA (e-mail ID: deepakg@gov.in) with request to upload the QRs/TDs of “**IP PHONE**” on MHA website and QRs/TDs of “**IP PHONE**” forwarded earlier vide letter B.V-7/2019-20-C(IPP) dated 02/05/2019 stand rescinded please.

Encl:-As above

(Rajendra Singh Sekhawat)
DIG (Eqpt/Comn)
Communication & IT Branch
Directorate General C R P F

QRs/TDs OF IP PHONE FOR VOICE

Sino	Parameters	Specifications	Trial Directives
1	Service	Voice	Board will check practically
2	IP Phone	SIP Based	Firm will submit certificate of any Govt Lab/NABL/STQC/ ILAC accredited lab or OEM certificate
3	Screen size (Diagonal) of IP Phone	Min 2.3 inch	Board will check practically
4	Network Interface Port	10/100/1000 Mbps Gigabit Ethernet	Firm will submit certificate of any Govt Lab/NABL/STQC/ ILAC accredited lab or OEM certificate
5	Display Type	Monochrome/Color (As per user requirement)	Board will check practically
6	Line Keys (SIP Account)	2 or more	Board will check practically
7	Programmable Keys	8 or more	Board will check practically
8	Power over Ethernet	Yes	Board will check practically and firm will submit OEM Certificate
9	Support for XML	Yes	Firm will submit certificate of any Govt Lab/NABL/STQC/ ILAC accredited lab or OEM certificate
10	Speaker Phone Capability	Yes	Board will check practically
11	6 Way Conference Capability	Yes	Board will check practically
12	Mute Button	Yes	Board will check practically
13	Call Logs (Missed, Received, Placed call)	Min 100 entries each	Board will check practically
14	System should have G.722/G-711/G-729/ G.723.1 all variant or equivalent wideband audio coding support	Yes	Firm will submit certificate of any Govt Lab/NABL/STQC/ ILAC accredited lab or OEM certificate
15	Interoperability with SIP IP PBX RFC.3261	Yes	Board will check practically
16	Support for IPv4 and IPv6 ready from Day One	Yes	Board will check practically
17	Warranty	3 Years	Firm will submit OEM Certificate
18	Address Book Support	Minimum 200	Firm will submit OEM Certificate
19	Online and Offline Firmware upgrade support	Yes	Firm will submit OEM Certificate



Slno	Parameters	Specifications	Trial Directives
20	Operating Temperature	0°C to 40°C	Firm will submit Certificate of any Govt Lab/NABL/STQC/ ILAC accredited lab.
21	Service Support	Minimum Shelf life 7 years	Firm will submit OEM Certificate
22	MTCTE Certification	Should have valid MTCTE certification issued by TEC for the Model purposed.	Firm will submit certificate

WO/RM Sandeep Kumar
Assam Rifles

AC-I Anil Kumar Yadav
NSG

Satyarth Sharma
JAD, DCPW

Satish Kumar Mahla
AC (Comn), SSB

Hukam Singh
AC (Tele), ITBP

Krishna Moirangthem
AC(Exe), CISF

Gyanendra Kumar Giri
AC(QR), CRPF

Praveen Singh Rawat
DC, BSF

Narendra Singh
DC (Comn), CRPF

Vimal Singh
DC (IT), CRPF

R.S. Shekhawat
DIG (Comn/ Eqpt), CRPF

Vijay Kumar
IG (Comn & IT), CRPF

Zaki Ahmad, IPS
SDG (ADM), CRPF

Approved/ Not Approved

Gyanendra Pratap Singh, IPS
DG, CRPF

QRs/TDs OF IP PHONE FOR VIDEO

Sno	Parameters	Specifications	Trial Directives
1	Service	Voice & Video	Board will check practically
2	IP Phone	SIP Based	Firm will submit certificate of any Govt Lab/NABL/STQC/ ILAC accredited lab or OEM certificate
3	Screen size (Diagonal) of IP Phone	Min 7-inch Capacitive adjustable touch screen	Board will check practically
4	Network Interface Port	10/100/1000 Mbps Gigabit Ethernet	Firm will submit certificate of any Govt Lab/NABL/STQC/ ILAC accredited lab or OEM certificate
5	Display Type	Color	Board will check practically
6	Line Keys (SIP Account)	Minimum 12 or more	Board will check practically
7	Programmable Keys (Number)	8 or more	Board will check practically
8	Power over Ethernet	Yes	Board will check practically and firm will submit OEM Certificate
9	Support for XML	Yes	Firm will submit certificate of any Govt Lab/NABL/STQC/ ILAC accredited lab or OEM certificate
10	Speaker Phone Capability	Yes	Board will check practically
11	6 Way Audio/Video Mixed Conference Capability	Yes	Board will check practically
12	Mute Button	Yes	Board will check practically
13	Call Logs (Missed, Received, Placed call)	Min 100 entries each	Board will check practically
14	System should have G-722/G-711/G-729/ G.723.1 all variant or equivalent wideband audio coding support	Yes	Firm will submit certificate of any Govt Lab/NABL/STQC/ ILAC accredited lab or OEM certificate
15	Interoperability with SIP IP PBX RFC.3261	Yes	Board will check practically
16	Support for IPv4 and IPv6 ready from Day One	Yes	Board will check practically
17	Video calling feature with minimum 2 Mega pixel camera or more	Yes	Board will check practically and firm will submit OEM Certificate
18	System should support video codec H.263, H.264, H.265, VP8 or latest	Yes	Firm will submit certificate of any Govt Lab/NABL/STQC/ ILAC accredited lab or OEM certificate

    

Slno	Parameters	Specifications	Trial Directives
19	Bluetooth 4.0+EDR or better for Headsets and Pairing mobile devices	Yes	Board will check practically and firm will submit OEM Certificate.
20	USB 2.0 port or better	Yes	Board will check practically and firm will submit OEM Certificate.
21	Warranty	3 Years	Firm will submit OEM Certificate
22	Address Book Support	Minimum 200	Firm will submit OEM Certificate
23	Online and Offline Firmware upgrade support	Yes	Firm will submit OEM Certificate
24	Operating Temperature	0°C to 40°C	Firm will submit certificate of any Govt Lab/NABL/STQC/ ILAC accredited lab.
25	Service Support	Minimum Shelf life 7 years	Firm will submit OEM Certificate
26	MTCTE Certification	Should have valid MTCTE certification issued by TEC for the Model purposed.	Firm will submit certificate

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Zaki Ahmad, IPS
SDG (ADM), CRPF

Approved/ Not Approved

Gyanendra Pratap Singh, IPS
DG, CRPF