

GOVERNMENT OF INDIA
(Ministry of Home Affairs)
DIRECTORATE GENERAL
CENTRAL RESERVE POLICE FORCE
EAST BLOCK-7, SEC-1, R.K. PURAM, NEW DELHI-110066
(Tele/Fax No-011-26107493, Email-Id: comncell@crpf.gov.in)

No. B.V-7-C/2020-21-C (HWBR)

Dated, the 15th February'2021

To

SO (IT)
North Block, MHA
(Email-Id: soit@nic.in)

Subject: Reg- Uploading QRs/TDs of "Digital handheld wideband receiver".


Kindly refer to MHA letter No.IV-24011/12/2011-Prov-I-9475 dated 22.10.2014.

2. The proposed QRs/TDs of "Digital handheld wideband receiver" is forwarded herewith to upload on MHA website for 15 days for seeking comments of Firms/Vendors.

3. Further, if any suggestion received from vendors/firms/organizations on the subject items same may be forwarded to this Hqr email comncell@crpf.gov.in for further action.

4. An early action in this regard is highly appreciated.


Encl: (QRs/TDs of subject item)


{P.R. Jha, DC(Comn)}
For DIG (Equipment)
Directorate General, C R P F
dc Jha

No. B.V-7-C/2020-21-C (HWBR)

Dated, the 15th February'2021

1. Mrs. Sugandhi (Technical Director), NIC, North Block, MHA for kind info please.
(Email-id: mpsugandhi@nic.in)


{P.R. Jha, DC(Comn)}
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No. B.V-7-C/2020-21-C (HWBR)

Dated, the 12th February' 2021

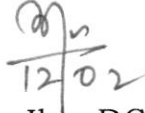
Subject:- REQUEST FOR COMMENTS OF
STAKEHOLDERS/OEM/FIRMS ON QRS (QUALITY
REQUIREMENT) & TDS (TRIAL DIRECTIVES) OF "DIGITAL HAND
HELD WIDE BAND RECEIVER"

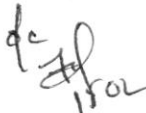
1. The proposed QRs/TDs of "Digital Hand Held Wide Band Receiver" is attached as **Appendix 'A'**. The OEMs/Vendors are requested to forward information of the product which they can offer and also forward correct specifications of their system against each parameter. Complied or not complied remarks will not be accepted.

2. The required information/details may please be forwarded at the following addresses by **1st March'2021**.

DIG(Equipment)
Directorate General CRPF
Level-4, East Block-7, Sec-1, R.K. Puram
New Delhi-110066
Email: comncell@crpf.gov.in

3. An early response is requested.


12/02
{P.R. Jha, DC(Comn)}
For DIG (Equipment)
Directorate General, C R P F


12/02

DRAFT QRs/TDs OF DIGITAL HAND HELD WIDE BAND RECEIVER

S. N	Parameters	Specifications	Trial Directive
1.	Role	Hand Held	Board will check practically
a)	Operational Mode	Memory scan, Programme scan	Board will check practically
b)	Frequency range	100 KHz to 1300MHz or better	Board will check practically
c)	No. of memory channel	Minimum 2000 memory channel	Board will check practically
d)	Memory bank	40 or more	Board will check practically
e)	Search bank	40 or more	Board will check practically
f)	Tuning steps/ frequency resolution	Minimum step size 10 Hz	Board will check practically
g)	Receive mode	Intercept both digital and analog modes: a) Digital mode – DMR(4FSK), DPMR, NXDN, P25 (APCO25), TETRA, D-STAR, ALINCO EJ-47U, YAESU, DIGITAL-CR etc b) Analog mode – AM, USB, LSB, CW, NFM etc	Board will check practically with available radio set and firm will also submit OEM certificate
h)	Antenna Impedance	50 Ω	Firm will submit OEM certificate
i)	Selectivity	CW 0.2 / 0.5 KHz (-3dB)	BOO will check practically
		SSB 1.8 / 2.6 KHz (-3dB)	
		AM 3.8 / 5.5 / 8 / 15 KHz (-3dB)	
		FM 6 / 15 / 30 KHz (-3dB)	
		WFM 100 KHz (-3dB)	
		Digital Mode 6 / 15 / 30 KHz (-3dB)	
j)	Sensitivity	530 KHz – 17.99999 MHz: 0.75 μ v (12 dB SINAD), 18 MHz-1300 MHz: 0.35 μ v (12 dB SINAD)	BOO will check practically
k)	VFO	Minimum 3 Nos (0.5-1300 MHz)	
l)	Frequency stability	$\leq \pm 5$ PPM or better	
m)	AF Power output	400mw or better	
n)	Weight & dimensions	Less than 600 gms and 80 mm (W) x 150 mm (H) x 50 mm (D)	BOO will check practically