EXPRESSION OF INTEREST FOR MONITOR RECEIVER
(ANALOG & DIGITAL)

1.   The CRPF is planning to procure Monitor Receiver (Analog & Digital). With a view to identify probable vendors who can undertake the said project, the OEMs/Vendors are requested to forward information on the product which they can offer. The parameters/broad specifications of the item are mentioned in the questionnaire attached as **Appendix 'A'**. In addition the vendors are required to furnish details as per Performa at **Appendix 'B'**.

2.   Apart from the information as per the Appendices the vendors are also requested to forward technical details/product brochures/literature etc pertaining to the item in question.

3.   The required information / details may please be forwarded, in hard and soft copies (CD) at the following addresses by 16 August 2017.

Directorate General CRPF
Block No.1 CGO Complex, New Delhi – 110003
(Tele/Fax: 011-24366630
Email: comncell@crpf.gov.in

4.   An early response is requested.

MONITORING RECEIVER (DIGITAL & ANALOG)

Technical Specification	Qualitative Requirement	Reply of firms/vendors	Remarks
Receiver General specification			
a. Role	Static		
b. Frequency Range	30 MHz to 1300 MHz		
c. No of memory channel	Minimum 1000 memory channel		
d. Memory bank			Specify Minimum memory bank
e. Search bank			Specify Minimum search bank
f. Tuning steps/ Frequency resolution			Specify minimum frequency resolution in Hz
g. Receive Mode	Intercept all type analog and digital mode		Specify analog and digital demodulation mode separately
h. Selectivity	Analog and Digital modes		Specify selectivity for each mode with respective frequency band
i. Sensitivity	Analog and Digital modes		Specify sensitivity for each mode with respective frequency band
j. VFO			Specify minimum VFO
k. Frequency stability			Specify frequency stability in PPM
l. AF Power Output			Specify AF output
m. Weight & Dimensions			Specify the weight & dimensions of receiver.
2. Power Supply: should operate with AC and DC power supply			
a. AC 230 V±10%			
b. 12V DC±10%			
4. Environmental Parameters			
Operating Temperature			Specify operating temperature range.
5. Antenna: Provide suitable antenna for interception			Specify types of antenna with frequency range & RF cable.
a. Antenna Impedance	50 Ohm		
6. Receiver Features			
a. Display	Alphanumeric LCD/LED display		
b. Priority scanning	Should be available		
c. Auto store of frequency	Should be available		
d. AFC	AFC (Automatic frequency Control) function for spot on tuning		
e. Squelch			Specify squelch types
f. Squelch & Volume control knob	Should be available		
g. Pass frequency mode	Should be available		
h. Multiple IF bandwidth			Specify IF bandwidth
i. Audio recording	Should be available		Specify capacity of audio recording
j. Built in playback facility	Should be available		
k. Data clone lead	To interface with computer software on standard Micro-USB port should be supplied		

Technical Specification	Qualitative Requirement	Reply of firms/vendors	Remarks
m. Data backup & Restore data facility via SD/SDHC card	Backup & Restore data (Memory channel/search bank/configuration) facility should be available		
n. Real time clock	Should be available		
o. Auto sleep, Alarm, Record Timer	Should be available		
p. Connector jack for external speaker/ headphone	Should be available		
q. Technical/operation Manual	Should be provided by firm		
r. Accessories	a. Antenna b. RF cable c. Telescopic Mast d. External speaker e. Headphone		Provide details of accessories

INFORMATION PROFORMA

1.   **Name of the Vendor/Company/Firm**.

(Company profile, in brief, to be attached)

2.   **Type (Tick the Relevant Category)**.

(a)   Original Equipment Manufacturer (OEM)   Yes ☐   No ☐

(b)   Government sponsored Export Agency   Yes ☐   No ☐
                          (Details of Registration be provided)

(c)   Authorised Representative of OEM   Yes ☐   No ☐
                          (attach details)

(d)   Other (give specific details)

(e)   Any collaborator/partner in India (in case of foreign vendors).

3.   **Contact Details**

Postal Address
City:_____ Province :_____

Country:_____ Pin/Zip Code:_____

Tele:_____Fax:_____

URL/Website:_____

4. **Local Branch/Liaison Office/Authorised Representatives in Delhi (if any)**.

Name and Address
City :_____   Province:_____

Country:_____   Pin/Zip Code:_____

Tele:_____   Fax:_____

5. **Financial Details**.

(a)   Annual turn over:_____ USD

(b) Earlier contracts with Indian Ministry of Defence / Government agencies:-

Agency	Contract Number	Equipment	Quantity	Cost

(c) Details   of   manufacturing   infrastructure available:_____

6. **Certification by Quality Assurance Organisation (If Applicable)**.

Agency	Certificate	Applicable from (Date & Year)	Valid till (Date & Year)

7. **Equipment/Product Profile (to be submitted for each product Separately)**.

(a) Name of the Product:_____
(Should be given category wise for e.g. all products under night vision devices to be mentioned together)

(b) Description (attach technical literature) : _____

(c)Whether OEM or Integrator:_____

(d) Status (in service/Design development state): _____

(e)Production capacity per annum : _____

(f) Countries where equipment is in service : _____

(g) Whether export clearance is required from respective government (Foreign Vendors only).

(h) In case of equipment and ammunition JV/MoU compliance to be specified.

(j) Details of any collaboration/joint venture/co production/ authorised dealer with Indian Industry (Foreign Vendors only):

Name & Address: _____

_____

Tele: _____   Fax:_____

8.   (a) Are you making the full equipment or is it being integrated by you? Give details.

(b)   What are the components, sub system or sub- assemblies of the equipment which are not manufactured by you? Please give details.

9.   Details of participation in similar procurement cases in India in the
past.

10. **Any other Relevant Information**.