PROCUREMENT OF JAMMERS

For procurement and use of jammers by State/Union Territories, Defence Forces and Central Police Organization(CPOs), norms have been evolved by the O/o Secretary(Security), Cabinet Secretariat. Private sector organizations and or private individuals cannot procure/use jammers in India. These norms take into account the need to guard against random proliferation of jammers as well as to ensure that jammers installed do not unduly interfere with the existing mobile phone networks and with the equipments being used by security agencies.

NORMS FOR PROCUREMENT OF JAMMERS -

1. Secretary (Security), Cabinet Secretariat is the nodal authority for granting permission/clearance for procurement of jammers.
2. Prior permission of Secretary (Security), Cabinet Secretariat must be obtained in the prescribed proforma *(hyperlink)*, duly filled in all respects, before procurement of jammer(s).
3. Jammers can be procured only by Defence Forces, State Police Departments, Jail authorities and Central Govt. security agencies.
4. The permission for procurement of jammer is granted in consultation with concerned security agencies who maintain a database of available jammers.
5. Jammer models manufactured by M/s ECIL & M/s BEL are evaluated by concerned security agencies. Only those models can be procured, which have been found suitable by the concerned security agencies. List of currently approved make/model of jammers can be found here *(hyperlink)*. Central/State PSUs, desirous of manufacturing jammers, can apply to the Secretary (Security), giving details of the model, the source of technology and other relevant details. The request would then be processed in consultation with security agencies.
6. Inviting open tender from unauthorized manufacturers is a violation of the policy of Government of India in matters of procurement of jammers.
7. For seeking prior permission for installation of jammers in jails, the total number of jammers required for installation in prisons need to be assessed by Jail Authorities in consultation with the local office of the Wireless Adviser, D/o Telecommunications, Government of India before the proposal is submitted for seeking approval of Secretary (Security), Cabinet Secretariat.

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Statutory examination conducting bodies under Union Government/State Government/Union Territory Administrations are also allowed to deploy jammers in examination halls.

NORMS FOR STATUTORY EXAMINATION CONDCUTING BODIES DESIROUS OF USING JAMMERS IN EXAMINATION CENTRES:-

1. The statutory examination conducting bodies are allowed to deploy **low powered jammers** to prevent unfair means during examinations. The same would not however be through procurement/ownership of the equipment. They would be given permission only to take it on lease/rent basis from authorized PSUs and would therefore have to pay for using jammers as per the contractual obligation with the PSU vendor.
2. However such jammers would be manufactured only by vendors approved by Secretary (Security) (at present M/s. ECIL and M/s. BEL are the approved vendors). The list of vendors may expand if other Central/State PSUs offer their equipment for evaluation and approval.
3. Statutory examination conducting bodies may seek prior approval of Secretary (Security) in approved proforma-II *(hyperlink)* giving details of examination centres where jammers are proposed to be deployed.
4. The examination conducting bodies should send a calendar of examinations, to be conducted by them, well in advance, indicating the centres selected for deployment of jammers so that their request can be processed by Office of Secretary (Security) and consolidated clearance on annual basis can be given.
5. Operating the jammer would be the responsibility of the concerned vendor and the latter would have to ensure the functioning and effectiveness of the equipment. This would also ensure that no tampering is done by any local element at the examination centre.
6. A certificate will also be given after completion of each examination that proper accounting has been done for the jammers deployed and none of the jammers are missing.
7. The expenditure involved in deployment of jammers will be borne by the Examination conducting bodies.
8. Approved PSUs will be responsible for safe upkeep of the jammers and also ensure that the jammers keep pace with changing face of technology.

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PROCEDURE FOR REGISTRATION OF PSU VENDORS:

Any central or state government undertaking, with requisite manufacturing capability and necessary technology can request for registration as a Jammer manufacture. They are to apply to Secretary (Security), Cabinet Secretariat, giving details regarding specifications of the equipment offered, source of technology, model make and name etc.

The application would be processed in consultation with concerned security agencies and once registered the vendor will have to bring their jammer for evaluation/trials by concerned security agencies and only after successful clearance, will get included in the approved vendor list.

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APPROVED MODELS OF JAMMERS

Following type of jammers have been approved for procurement by Defence Forces/Central Police Organizations/State Police/Jail Authorities: –

S.No.	Name of Company	Jammer Model
	Vehicle Mounted Jammer	
1.	Bharat Electronics Limited	HP 3050
2.	- do -	STRIDE MK-1 (20-2500 MHz)
3.	- do -	STRIDE MK-III (20-500 MHz)
4.	Electronics Corporation of India	SVJEE-1100 (20-2500 MHz)
5.	-do-	EC-SPJE-400
	Static Cell Phone Jammer	
6.	Bharat Electronics Ltd.	JTLS 201
7.	Electronics Corporation of India Limited (ECIL)	SJJE-200
8.	- do -	ECHP 3962h

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CONTACT US

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Room # 226-A, North Block

New Delhi – 110001

Tel/Fax: 23093763

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Frequently Asked Questions (FAQs)

Q. Who can buy/use jammers?

Ans. Jammers can be bought/used by Ministries/Departments of Govt. of India, State Governments/Union Territory Administration (Defence Forces, Central Security Organisations, Police Departments and Jail Authorities) and statutory examination conducting bodies of Govt. of India/ State Governments/Union Territory Administrations.
Private sector organisations cannot procure/use jammers in India.

Q. Who is the nodal authority for granting permission for procurement of jammers?

Ans. Secretary (Security), Cabinet Secretariat, Govt. of India is the nodal authority for granting permission for procurement of jammers.

Q. How is permission granted?

Ans. Prior permission of Secretary (Security), Cabinet Secretariat must be obtained in the prescribed proforma-I*(hyperlink)*/ proforma-II*(hyperlink),* as the case may be, before procurement of a jammer.

Q. Which jammer model can I buy?

Ans. Jammers including **low powered** models made available by M/s ECIL & M/s BEL are evaluated by concerned security agencies and only those models can be procured which have been found suitable by concerned security agencies. Other Central/State PSUs may also offer their equipment for evaluation and approval.

Q. Can I buy jammers from any agency?

Ans. Inviting open tender from unauthorized manufacturers is a violation of the policy of Government of India. At present only jammer model manufactured by ECIL/BEL and evaluated by concerned security agencies can be bought.

Q. **Can I import jammers into India?**

Ans. No. A license from DGFT is required for this purpose.

Q. How is permission for statutory examination conducting bodies granted?

Ans. The same procedure is followed. These bodies are not expected to buy jammers but deploy **low powered** jammers at examination halls from approved vendors (at present M/s ECIL & M/s BEL) on lease/rent basis. However examination conducting bodies are encouraged to furnish their calendar of examinations annually to this Office so that permission can be granted at one go on annual basis. For this purpose examination conducting bodies are requested to submit their proposals in proforma-II (*hyperlink*) complete in all respects.

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Proforma - I

ANNEXURE I (A)

Application for grant of permission to procure electronic jammers

1.	Threat perception	
(a)	A brief of narrative of threat perception to the VIP to be given.	
(b)	Number of cases of use of explosives reported from the state during the last three years along with brief detail of the triggering device used.	
(c)	Type of threat apprehended to the VIP and the group from which the threat is perceived.	
(d)	Is the use of electronic jammer for VIP security warranted in the State/Organisation? State reasons including details of RCIED recovered in the State if any/ operating frequency of RCIED/type of Tx-Rx system, and number of such cases.	
2(a)	Is the State/Organisation in possession of an electronic jammer. If yes, give following details in each case:- Make Model Frequency range Power output Jamming range Sanction reference no. of Cab.Sectt. Its present operational status- Serviceable/unserviceable	
(b)	State the proposed purpose of deployment	
(c)	State the required jamming frequency & power requirements. (Attach technical specification).	

ANNEXURE I (B)

HF/HVF/UHF FREQUENCY JAMMERS

Please furnish the following information in case the proposal is for HF/VHF/UHF FREQUENCY JAMMERS

I (a)	Specify the proposal is for an indigenously developed jammer or for imported equipment.		
(b)	If the proposal is for an imported jammer, please give justification for the option.		
II	(a) Nomenclature & Model No. of the proposed Jammers. (b) Manufacturer/supplier. (c) Type of Jammer 1. Vehicle mounted. 2. Portable. 3. Static. (d) Type of Jamming technique. 1. Barrage. 2. Sweep. 3. Hybrid. 4. Name if any other technique.		
(e)	Frequency Range		
(f)	Total output power		
(g)	No. of Bands, Frequency & Output power of each Band. Frequency ranges of Band I Band II Band III Band IV	Frequency Range	Output power
(h)	Input Power AC supply DC supply		

)	Details of Antenna No. and type used (1) Omni Directional. (2) Directional. (3) Any other type.	
III (a)	Jamming Ratio/ Muting Ratio of the equipment	
(b)	Claimed Jamming Range against standard Transmitter signals of minimum 5 watts output.	
(c)	Weight & Dimensions of the Equipment.	
(d)	Does the Jammer exhibit Predetonation effect? If yes, on what type of devices.	
IV (a)	Health hazards notified if any and the protective measures provided.	
(b)	Does the jammer has protective mechanism against (i) Over heating (ii) Polarity reversal. (iii) Overloading	
(c)	Availability of the provision for (1) Service & maintenance infrastructure. (2) Spare parts for a period of 10 years. (3) Up gradation to meet demands in future.	
V	Does the proposed jammer meet all operational requirements State variations if any	
VI	Approximate cost of the proposed Electronic jammer a) In US $ b) In Indian Rupees	

ANNEXURE I C
CELLULAR PHONE JAMMER

ase furnish the following information incase the proposal is for cellular phone
mmer)

Purpose /deployment location of the proposed cell Phone Jammer	
Details of cell Phone Services available in the State /Area of operation. CDMA GSM 900 GSM1800 Any other standards	
Specify the proposal is for (a) An indigenously developed Cell Phone Jammer or for an imported equipment. (b) If the proposal is for an imported jammer, please give justification for the option.	
Details of the proposed jammer Nomenclature & Model No.	
Manufacturer	
Supplier Firm	
Type of cell Phone Jammer (i) Vehicle Mounted version./ (ii) Static version. (iii) Portable version.	
Cell Phone Signal standards against which jamming is provided (1) CDMA (2) GSM-900 (3) GSM-1800 (4) Any other.	
Jamming Technique (1) Barrage (2) Sweep (3) Hybrid (4) Any other technology	
Type of Antenna (1) Omni directional	

(2) Directional (3) Directional Antennae for Omni directional (Partial) effects (4) Any other type	
(i) Output Power/Antenna CDMA GSM-900 GSM-1800 (II) Total output Power	
Input Power (i) Ac Mains Supply (ii) DC Internal (iii) DC External	
Jamming Range claimed (i) Signal cutting Range (Rx Mode operation) (ii) Call cutting Range (Tx Mode operation)	
Weight and Dimensions of the equipment	
Health Hazards and protective measures provided	
Does the jammer has inbuilt protective (2) Overloading Polarity reversal	
Does the Jammer has provision for the future modification for additional frequency	
Availability of the provisions for (1) Service & Maintenance infrastructures (2) Spare Parts for a period ten years (3) Up gradation to meet demands in future.	
Does the proposed Electronic jammer meet all operational requirements? State variations if any	
Approximate cost of the proposed Cell phone jammer c) In US S d) In Indian Rupees	

Proforma - II

Application for grant of permission to deploy jammers during Academic/Recruitment Examinations

Sl.No.		
1.	Name of the Organisation	
2.	Date of Deployment of Jammers	From To
3.	Address of the examination centres where jammers are proposed to be deployed	
4.	Whether Centre has been assessed in terms of susceptibility to unscrupulous practices	Yes/No
5.	Number of jammers to be deployed in each examination centre	
6.	Name of the Vendor supplying jammers	
7.	Address of the warehouses from where jammers are proposed to be deployed	

Technical specifications of the jammers are annexed (Annexure I)

It is certified that adequate arrangements have been made for safe custody of the jammers during its deployment in examination centres. It is also certified that each and every jammer deployed in the examination centre will be accounted for and any discrepancy in this regard will be reported immediately to the appropriate local law enforcement agency and to the O/o Secretary (Security).

While deploying the jammers it will be ensured that the jammers do not interfere with mobile communication network outside the examination centres.

(Signature)

(Name)

(Designation)

ANNEXURE I C
CELLULAR PHONE JAMMER

nse furnish the following information incase the proposal is for cellular phone
mmer)

Purpose /deployment location of the proposed cell Phone Jammer	
Details of cell Phone Services available in the State /Area of operation. CDMA GSM 900 GSM1800 Any other standards	
Specify the proposal is for (a) An indigenously developed Cell Phone Jammer or for an imported equipment. (b) If the proposal is for an imported jammer, please give justification for the option.	
Details of the proposed jammer Nomenclature & Model No.	
Manufacturer	
Supplier Firm	
Type of cell Phone Jammer (i) Vehicle Mounted version./ (ii) Static version. (iii) Portable version.	
Cell Phone Signal standards against which jamming is provided (1) CDMA (2) GSM-900 (3) GSM-1800 (4) Any other.	
Jamming Technique (1) Barrage (2) Sweep (3) Hybrid (4) Any other technology	
Type of Antenna (1) Omni directional	

(2) Directional (3) Directional Antennae for Omni directional (Partial) effects (4) Any other type	
(i) Output Power/Antenna CDMA GSM-900 GSM-1800 (II) Total output Power	
Input Power (i) Ac Mains Supply (ii) DC Internal (iii) DC External	
Jamming Range claimed (i) Signal cutting Range (Rx Mode operation) (ii) Cell cutting Range (Tx Mode operation)	
Weight and Dimensions of the equipment	
Health Hazards and protective measures provided	
Does the jammer has inbuilt protective (1) Overloading Polarity reversal	
Does the Jammer has provision for the future modification for additional frequency in the system?	
Availability of the provisions for (1) Service & Maintenance infrastructures (2) Spare Parts for a period ten years (3) Up gradation to meet demands in future.	
Does the proposed Electronic jammer meet all operational requirements? State variations if any	
Approximate cost of the proposed Cell phone jammer c) In US $ d) In Indian Rupees	