



GOVERNMENT OF KERALA

Abstract

Home Department –Setting up of “Cyber Dome” – Centre for Cyber Security and Innovations for Kerala Police – Administrative Sanction accorded - Orders issued.

HOME (E) DEPARTMENT

G.O(Ms.) No.167 /2014/Home . Dated, Thiruvananthapuram, 22/08/2014.

Read:- 1) Letter No. S3/43293/2013/PHQ dated 06/05/2013 and 13/12/2013 from the State Police Chief, Police Head Quarters, Thiruvananthapuram
2) Minutes of the High Level meeting held on 13/5/2014 in the Conference Hall of the Chief Minister .

ORDER

The new challenges in Cyber Security, increasing number of cyber crimes and newer sophisticated cyber threats on the Internet, targeted against individuals and establishments have necessitated expertise of professionals from major IT firms for information transfer and technology updation for the Police. Training by the IT sector is also needed for law enforcement agencies as technology gets updated in no time.

2. The State Police Chief has forwarded a project proposal for the establishment of a Hi-tech Centre for cyber security and innovations in Kerala Police. The proposal envisages to implement the project in such a way that the IT industry will contribute in terms of expertise, manpower, hardware, software, training etc. on a pro bono basis. The Centre will perform the following primary activities apart from the new roles and challenges :

1	Internet Monitoring
2	Virtual Policing
3	Social Media in Virtual Policing
4	Automated threat intelligence in near real-time
5	Cyber Forensics
6	Virtual Courts
7	Tracking System for Protecting Children
8	Criminal Apprehension Software
9	Safe Surfing online Web Application
10	Fugitives at your fingertips software
11	Child ID Application
12	Fingerprint Capture Application
13	Guardian Web Application
14	Image Analysis Software
15	Victim identification

16	Online Network Investigation Application
17	Access Blocking Application
18	Stolen/Lost Travel Documents (SLTD) Database
19	Stolen Vehicle Database
20	Money Laundering Automated Search Service
21	Cyber Security Advisory
22	Cyber Security Awareness

3. Government have examined the matter in detail and are pleased to accord Administrative Sanction for the establishment of "Cyber Dome", a Centre for Cyber Security and Innovations for Kerala Police, at a cost of ₹ 2 crores, to meet the new challenges in cyber security and technology updation.

4. 'Cyber Dome' will be set up at Technopark, Thiruvananthapuram through Public-Private Partnership. The Cyber Dome will have a research division with the following areas of research, development and analysis:

- New avenues of cyber forensic including those using mobile technology
- New methods in approaching cyber crimes and other crimes using IT
- Increasing efficiency of Police Department using IT infrastructure
- Neural analysis

5. The establishment of the Cyber Dome will be subject to the strict observance of the following conditions:

(1) The Centre will be established in a 2000 sq.ft. area in Techno Park. The space required will be provided by Techno Park when the Police Department formally approaches the authorities after completing the administrative formalities. Since the State owns two Data Centres, the server facilities can be hosted or co-related from there. Generator facility of Technopark will be used.

(2) The Police Department will provide the required infrastructure and the required finance for the development of the Centre. The software companies will provide the technical support on voluntary basis and they will develop software for the purpose and provide technical manpower on a pro bono basis.

(3) The software companies will be required to provide their technical experts to assist the police in various fields of crime monitoring, policing the web, assistance in the investigation of cyber crimes, development of new software for police and other security related areas.

(4) A Police Officer in the rank of Deputy Superintendent of Police and assisted by 10 competent officers all having IT-related qualifications/IT exposure/IT background shall be stationed at the Centre through re-deployment. Apart from this, technical experts from all the companies involved will work with the Police. The Cyber Dome will function under the overall supervision of Additional Director General of Police (Crimes)

(4) There shall be no duplication of work between Computer Emergency Response Team- Kerala (CERT-K) and Cyber Dome; both these agencies will synergise their work.

(6) There will be no manpower commitment on the part of Government for the establishment of the Centre.

(7) No post creation at any cost will be allowed.

6. Government also constitute a Governing Council and Project Implementation Board with the following composition with definite powers and functions.

I. Governing Council

Additional Chief Secretary (Home & Vigilance)	-	Chairperson
State Police Chief	-	Convenor
Secretary (IT)	-	Member
Additional Director General of Police (Crimes)	-	Member
Law Secretary	-	Member
Additional Secretary/ Joint Secretary of Store Purchase Department	-	Member

The Centre will function under the Governing Council. Governing Council will be empowered to take policy decisions on activities to be taken up purchase and procurement of hardware, software, selection of software companies, etc.

II. Project Implementation Board

Additional Director General of Police (Crimes)	-	Chairman
Director, IT Mission	-	Member
State Informatics Officer, NIC	-	Member
Executive Director, C-DAC	-	Member
Director, CERT-K	-	Member
Superintendent of Police, Police Computer Centre	-	Member
Systems Analyst of State Crimes Records Bureau	-	Member
Industry representatives who are on the Board of Technopark (2)	-	Members
Two representatives from major IT firms	-	To be nominated as members

The Project Implementation Board will evaluate the market and render technical advice to the Governing Council. The Project Implementation Board shall enquire with the private companies and work out the modalities of utilizing their services on a totally voluntary and pro bono basis.

7. The expenditure in this regard will be met from the Head of account "2055-00-115-98-Modernization of Police Department". All procurement made under this head will follow Store Purchase Manual and all other procedures mandated will be closely monitored by the Governing Council.

(By order of the Governor)
Dr. Nivedita.P. Haran,
Additional Chief Secretary to Government.

To

The State Police Chief , Kerala, Thiruvananthapuram
The Principal Accountant General, (Audit) Kerala, Thiruvananthapuram
The Accountant General (A&E) Kerala, Thiruvananthapuram
(This issues with the concurrence of Finance Department)
The Finance Department
(Vide UO. No. 14074/Exp.B3/2014/Fin dated 05.03.2014.)
The IT Department
(Vide U.O. No. 4383/B2/2013/ITD dated 02.09.2013)
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Section Officer

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