



## GOVERNMENT OF KERALA

### Abstract

Disaster Management Department - National Cyclone Risk Mitigation Project (NCRMP - Phase II) - Component A - Early Warning Dissemination System (EWDS) - Installation of sirens and strobe lights on Government buildings under EWDS as part of last mile connectivity – Government buildings requisitioned - Orders issued

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### **DISASTER MANAGEMENT (B) DEPARTMENT**

G.O.(Rt)No.598/2022/DMD Dated, Thiruvananthapuram, 02-08-2022

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Read 1. G.O.(Rt)No.542/2019/DMD dated, 24/08/2019  
2.G.O.(Rt) No.313/2021/DMD dated, 08/03/2021  
3. G.O.(Rt)No.479/2022/DMD dated, 27/05/2022  
4. Minutes of the meeting of Implementation Committee held on 02/06/2022

### ORDER

‘Early warning’ is a key pillar of disaster risk reduction and timely warnings help in saving life and property. As per the Government order read as 1<sup>st</sup> paper above, sanction was accorded for the implementation of Early Warning Dissemination System (EWDS) funded under Component A of the National Cyclone Risk Mitigation Project (NCRMP) Phase II. NCRMP is steered by the National Disaster Management Authority (NDMA) under the Ministry of Home Affairs, Government of India.

The comprehensive EWD System being implemented by the State involves (1) elaborate strengthening of communication systems and the decision support system (DSS) of the Kerala State Emergency Operations Centre (KSEOC) for alert aggregation, processing and

dissemination, (2) strengthening the Information and Communication Technology (ICT) infrastructure of 14 District Emergency Operations Centres (DEOCs), 77 Taluk Emergency Operations Centres (TEOCs), 20 Matsya Bhavans/ Fish Landing Centers/ Directorate, 14 Divisional Fire Offices under Fire and Rescue Department and the Police Head Quarters and (3) provision of last mile connectivity through sirens and strobe lights. As per the Government order read as 2<sup>nd</sup> paper above, Institutional arrangements were ordered to facilitate effective execution of the project.

The sirens and strobe lights are to be deployed in 126 locations spread across the State as part of this project. Majority of the sirens and strobe lights are to be mounted on existing telecom towers and government buildings.

A series of steps had been taken by State Project Implementation Unit (SPIU) and Kerala State Disaster Management Authority (KSDMA) to secure telecom towers for the installation of sirens and strobe lights. The issue of securing telecom towers and buildings was deliberated at length in the Technical Support Group (TSG) for EWDS constituted as per G.O read as 2<sup>nd</sup> paper, the Implementation Committee of EWDS and the State Executive Committee of the KSDMA. The State Executive Committee of the KSDMA decided to invoke provisions of the Disaster Management (DM) Act, 2005 and general orders to requisition telecom towers and government buildings under the Disaster Management Act, 2005 for the purpose of installation of sirens and strobe lights under EWDS were issued vide the Government order read as 3<sup>rd</sup> paper above.

After detailed investigation, the State Project Implementation Unit (SPIU) of NCRMP in consultation with the Kerala State Disaster Management Authority (KSDMA) have identified 83 mutually

exclusive sites and 19 substitute sites for immediate deployment of sirens and strobe lights. Out of these 83, 36 are BSNL towers and these towers have been requisitioned by KSDMA. The rest of the 47 sites are Government buildings. These Government buildings are to be requisitioned.

In the above circumstances, in exercise of the powers conferred under sections 24 and 65 of the Disaster Management Act, 2005, the undersigned in the capacity as the Chairman of the State Executive Committee of KSDMA, in the public interest of disaster management, order as follows:

1. Government buildings in 66 institutions [47 sites + 19 substitute (reserve) sites] as listed in the annexure to this order, are requisitioned by KSDMA for the purpose of installation, maintenance and operation of sirens, strobe lights and associated paraphernalia under EWDS, with immediate effect. The requisition includes 19 substitute (reserve) sites. The requisitioning will not hinder the routine functioning of the institution concerned. During the period of requisition, the owners /custodians of these buildings can continue to use these buildings for the purpose for which they were primarily meant as a matter of routine.
2. The District Disaster Management Authority (DDMA) / District Project Implementation Unit concerned shall co-ordinate and arrange to collect the details of the custodian officer and the single point of contact (SPOC) for these buildings and provide these details to SPIU. Officers and employees at all levels and site specific 'single point of contact' (SPOC) of the institutions concerned shall immediately provide unhindered access to KSDMA authorised contractor/s and facilitate the installation of sirens and strobe lights under EWDS. Project UPS under EWDS will support the functioning of sirens and strobe lights. Power

supply from the institution concerned and D.G. set as a redundant power source (where available in the institution) shall be permitted by the custodian department to power the project equipment. The power charges due shall be borne by the KSDMA authorised EWDS contractor from the date of commissioning to the end of the 2 year O & M period, in tune with the EWDS contract conditions (Agreement No.12/2020-21 dated 22.01.2021 executed between M/s CMS Computers Ltd and State Project Manager (SPM), SPIU, NCRMP).

3. Kerala State Information Technology Infrastructure Ltd (KSITIL) shall provide Kerala Fiber Optic Network (KFON) support (leased line connectivity) to the EWDS project on the request of the KSDMA authorised EWDS contractor. The KFON connectivity and usage charges due shall be borne by the EWDS contractor from the date of installation to the end of the 2 year O&M period, in tune with the EWDS contract conditions.(Agreement No. 12/2020-21 dated 22.01.2021)
4. The installation shall start forthwith. Being an important step in disaster preparedness and saving lives, any hindrance/ obstruction to immediate installation from any quarter, in violation of this order, will be construed as action punishable under sections 51, 55, 57 and 58 of the Disaster Management Act, 2005.
5. While KSDMA authorised contractor shall ensure public safety at all their work and installation sites, there shall be no monsoon associated general restrictions on digging, where needed, in respect of EWDS works carried out by the contractor.
6. KSDMA authorised contractor shall commence installation of sirens and strobe lights under EWDS forthwith, on receipt of this order.
7. District Development Commissioners shall facilitate project implementation and monitor progress. The NCRMP - District

Programme Implementation Unit (DPIU) chaired by the District Collector shall review progress in the district fortnightly and report to the Project Director, NCRMP (Additional Chief Secretary, Revenue and Disaster Management) with copy to the State Project Manager, SPIU, NCRMP. DDMAs shall arrange for the service of Engineers (PWD/LSGD) needed for supervision/ verification of works, if needed. 'Early warning' being a key pillar of Disaster Risk Reduction, all departments/ agencies/ organizations/ local governments/ individuals and other stakeholders are duty bound to facilitate the deployment of these sirens and strobe lights.

8. District Collectors shall make arrangements for giving wide publicity about the functioning of the warning system installed.

(By order of the Governor)  
DR V P JOY  
CHIEF SECRETARY

To:

The Commissioner, Land Revenue, Thiruvananthapuram  
The Commissioner, Disaster Management, Thiruvananthapuram  
The Director General of Police & State Police Chief  
Thiruvananthapuram  
The Director General, Fire and Rescue Services  
The Chairman, State Telecom Disaster Co-ordination Committee,  
Thiruvananthapuram  
The Chief Engineer, PWD, Buildings  
The Director, Panchayath/Urban Affairs Department  
The State Project Manager, NCRMP  
The Director, Public Instructions  
The Director, Higher/ Vocational Higher Secondary  
The Director, Department of Fisheries  
The Director, Employment and Training  
All District Collectors [Chairpersons DPIUs – NCRMP and  
Chairpersons DDMAs]  
All District Development Commissioners  
The Member Secretary, KSDMA and Head SEOC,  
Thiruvananthapuram

The Chairperson, CSMMC, MPCS concerned  
Quick Response Team, SPIU, NCRMP (Mr. Nalinachandran V, Smt.  
Jeny Joseph )  
M/s. Telecommunication India Limited (TCIL), Consultant of EWDS  
(Mr. Sampath Kumar)  
M/s CMS Computers Limited Contractor of EWDS (Mr. George Tibby,  
Project Director, Mr. Sreejith V, Project Manager)  
I&PR (Web Media) Department

Forwarded /By order

Signed by Devi K G

Date: 03-08-2022 11:46:50  
Section Officer

Copy to: PA to Chief Secretary

PA to Additional Chief Secretary, Disaster Management Department

PA to Additional Chief Secretary, Home Department

PA to Additional Chief Secretary, IT Department

PA to Additional Chief Secretary, LSGD

PA to Additional Chief Secretary, General Education Department

PA to Additional Chief Secretary, Higher Education Department

PA to Additional Chief Secretary, Fisheries & Port Department

PA to Additional Chief Secretary, Labour Department

PA to Additional Chief Secretary, Public Works Department

CA to Joint Secretary, Disaster Management Department

**Annexure (page 1/4) to G.O. (Rt)No. 598/2022/DMD dated, Thiruvananthapuram 02.08.2022**

<b>Requisitioned Multi-Purpose Cyclone Shelters (MPCS) in coastal villages</b>				
<b>SL No.</b>	<b>Name of MPCS</b>	<b>E</b>	<b>N</b>	<b>District</b>
1	Muttathara	76.93175	8.463361	Thiruvananthapuram
2	Cheruthana	76.446556	9.305375	Alappuzha
3	Pallipuram	76.187083	10.162528	Ernakulam
4	Thuruthippuram	76.212056	10.172833	Ernakulam
5	Azhikode	76.168361	10.201306	Thrissur
6	Kadappuram	76.028139	10.539333	Thrissur
7	Palapetty	75.958222	10.701694	Malappuram
8	Paravanna	75.892333	10.900444	Malappuram
9	Kathirur	75.523361	11.773333	Kannur
10	Pullur	75.100389	12.357833	Kasaragod
11	Kudlu	74.993972	12.540528	Kasaragod
12	Kumbla	74.946972	12.5945	Kasaragod

<b>Requisitioned Matsyabhavan in Coastal region</b>				
<b>SL No</b>	<b>Name of Matsyabhavan</b>	<b>E</b>	<b>N</b>	<b>District</b>
1	Arthungal Matsyabhavan	76.291643	9.669425	Alappuzha

**Annexure (page 2/4) to G.O. (Rt)No. 598/2022/DMD dated, Thiruvananthapuram 02.08.2022**

<b>Requisitioned - Selected Government Institutions in Fishing Villages</b>				
<b>SL No</b>	<b>Name of the selected site</b>	<b>E</b>	<b>N</b>	<b>District</b>
1	Govt. U. P. S. Pozhiyoor	77.09249	8.300517	Thiruvananthapuram
2	Govt. V. H. S. S. Poovar	77.069951	8.319768	Thiruvananthapuram
3	Govt. H. S. Karikkakom	76.91065	8.49662	Thiruvananthapuram
4	Govt. HSS Valathungal (Boys)	76.628076	8.855642	Kollam
5	Govt. Model Boy's HSS and VHSS Kollam	76.577581	8.89436	Kollam
6	Govt. UP School, Kureepuzha	76.577617	8.920049	Kollam
7	GVHSS, Cheriyaazheekkal	76.502636	9.051384	Kollam
8	Govt. Model HSS, Ambalapuzha	76.367447	9.382402	Alappuzha
9	Govt. HSS, Kakkazham	76.353763	9.393257	Alappuzha
10	Govt. Fisheries H S S Nattika	76.094118	10.409914	Thrissur
11	GFUPS Blangad	76.018397	10.576233	Thrissur
12	GHSS, Thrikkavu	75.931727	10.778786	Malappuram
13	GUPS, Purathurpadinjarekkara	75.909	10.8099	Malappuram
14	GMLPS, Kuttayi North, Mangalam	75.9022	10.84936	Malappuram
15	GFLPS, Parappanangadi	75.8461	11.0705	Malappuram
16	GHSS Beypore	75.80723	11.18332	Kozhikode
17	GFHSS Puthiyappa, Elathur	75.75136	11.3142	Kozhikode
18	Govt HSS Thiruvangad	75.502819	11.751505	Kannur
19	Govt City H.S.S. Kannur	75.381484	11.859824	Kannur



**Annexure (page 3/4) to G.O. (Rt)No. 598/2022/DMD dated, Thiruvananthapuram 02.08.2022**

<b>Requisitioned - Selected Government Institutions in Foothill Villages</b>				
<b>SL No</b>	<b>Name of the selected site</b>	<b>E</b>	<b>N</b>	<b>District</b>
1	Govt. UPS, Kizhuvillam	76.814854	8.671314	Thiruvananthapuram
2	GUPS Vellimon	76.648826	8.956801	Kollam
3	K. S. G. H. S. S. , Kadapra	76.536128	9.347975	Pathanamthitta
4	Thiruvalla Taluk Office	76.569314	9.380824	Pathanamthitta
5	Govt. UPS, Kannamangalam	76.519736	9.241375	Alappuzha
6	Government Model HSS Kottayam	76.520577	9.586912	Kottayam
7	Govt HS/VHSS Nattakom	76.511858	9.553028	Kottayam
8	Paliyam Govt. HSS Chendamangalam	76.234715	10.172274	Ernakulam
9	Govt. J. B. S. Kunnukara	76.305	10.15622	Ernakulam
10	Govt. M. I. U. P. S. Veliyathunad	76.314279	10.135645	Ernakulam
11	Govt. H. S. S. Muppathadom	76.317704	10.08988	Ernakulam
12	Govt Boys H S S Aluva	76.354847	10.107211	Ernakulam
13	ITI Manaloor	76.104851	10.481526	Thrissur
14	GVHSS Kizhuparamba, Eranad	76.0171	11.2429	Malappuram
15	GFHSS Cheruvathur	75.13673	12.21218	Kasargod

**Annexure (page 4/4) to G.O. (Rt)No. 598/2022/DMD dated, Thiruvananthapuram 02.08.2022**

<b>Requisitioned Substitute (Reserve) site- Government Institutions in Fishing Villages</b>					
<b>SL No</b>	<b>Name of selected site</b>	<b>Name of SUBSTITUTE site</b>	<b>E</b>	<b>N</b>	<b>District</b>
1	Govt. V. H. S. S. Poovar	Govt. L. P. S. Poovar	77.066982	8.321192	Thiruvananthapuram
2	Govt. HSS Valathungal (Boys)	Govt. VHSS for Girls, Valathungal	76.628279	8.858462	Kollam
3	Govt. Model Boy's HSS and VHSS Kollam	Govt. Model Girl's High School	76.578068	8.893124	Kollam
4	Govt. Model HSS, Ambalapuzha	Govt LPS, Karoor	76.367238	9.376684	Alappuzha
5	GHSS, Thrikkavu	GMLPS, Ponnani	75.920225	10.775073	Malappuram
6	BSNL Telecom Tower-RP-00154	GMUPS Puthan Kadappuram	75.851517	11.04999	Malappuram
7	GFLPS, Parappanangadi	PWD Resthouse Parappanangadi	75.863468	11.07669	Malappuram
8	GHSS Beypore	GRFTHS & VHSS Beypore	75.80954	11.17364	Kozhikode
9	BSNL Telecom Tower RP-01311	GMUPS Madayi **	75.244733	12.020174	Kannur
10	BSNL Telecom Tower RP-01722	GMUPS Madayi **	75.244733	12.020174	Kannur
11	BSNL Telecom Tower RP-02205	G. H. S. S. Hosdurg	75.092212	12.312343	Kasargod
12	BSNL Telecom Tower RP-00116	G. F. U. P. S. Adkathubail	74.97881	12.493564	Kasargod

\*\* GMUPS Madayi will serve as back up for two BSNL Telecom Towers with RP-01311 and RP-01722

<b>Requisitioned Substitute (Reserve) site - Government Institutions in Foothill Villages</b>					
<b>SL No</b>	<b>Name of selected site</b>	<b>Name of SUBSTITUTE site</b>	<b>E</b>	<b>N</b>	<b>District</b>
1	Govt. UPS Kizhuvillam	Govt UPS Palavila	76.790781	8.663077	Thiruvananthapuram
2	Govt HS/VHSS Nattakom	Govt LPS Nattakom	76.511858	9.553028	Kottayam
3	Govt. H. S. S.	Govt. H. S. West	76.317964	10.106184	Ernakulam

	Muppathadom	Kadungallur			
4	Govt Boys H S S Aluva	Aluva Taluk Office	76.355016	10.109497	Ernakulam
5	ITI Manaloor	GH S S Manalur	76.102998	10.49184	Thrissur
6	GVHSS Kizhuparamba, Eranad*	GLPS, Kuniyil South	76.021	11.242	Malappuram
7	GVHSS Kizhuparamba, Eranad*	GLPS Pathanapuram West	76.0399	11.24	Malappuram
8	GFHSS Cheruvathur	G. H. S. S. Kuttamath	75.16415	12.22178	Kasargod

\*\*GVHSS Kizhuparamba, Eranad has two back up sites - GLPS Kuniyil South and GLPS Pathanapuram West