



GOVERNMENT OF KERALA

Abstract

Disaster Management Department – State Disaster Mitigation Fund (SDMF) – Pilot Project for "Landslide Early Warning System (LEWS)" at Madisserimala in Kanichar Panchayat, Kannur District – Implemented by K-DISC – Administrative Sanction Accorded – Orders Issued.

DISASTER MANAGEMENT (A) DEPARTMENT

G.O.(Rt)No.269/2026/DMD Dated, Thiruvananthapuram, 02-07-2026

- Read 1) Letter No.8/2021/KDISC/PART-2/L-1024, dated 25.12.2024, from Member Secretary, K-DISC.
- 2) Minutes of the SDMF Appraisal Committee meeting held on 01.08.2025.
- 3) Minutes of the State Executive Committee (SEC) of the Kerala State Disaster Management Authority (KSDMA) meeting held on 01.06.2026.

ORDER

The Kerala Development and Innovation Strategic Council (K-DISC) submitted a pilot project proposal aimed at strengthening local weather forecasting and real-time early warnings in highly vulnerable areas of the Western Ghats region. The project envisions a comprehensive integrated framework employing ground-based sensors and novel hyper-local weather forecasting using Global Navigation Satellite System (GNSS) tomography-based sensors to monitor landslide risks and ensure community disaster preparedness.

2. The total estimated cost of the pilot project is ₹2,36,94,189/- (Two Crore Thirty-Six Lakhs Ninety-Four Thousand One Hundred Eighty-Nine Only). Out of this total budget, K-DISC has committed to sanctioning ₹1,32,52,722/- from its own funds for the innovation and development components handled by its technology partner. Financial assistance for the remaining amount of ₹1,04,41,467/- was requested from the State Disaster Mitigation Fund (SDMF).

3. The project proposal was initially approved by the SDMF Appraisal

Committee and subsequently placed before the State Executive Committee (SEC) of the KSDMA in its hybrid meeting held on 01.06.2026 under the chairmanship of the Chief Secretary..

4. After a thorough evaluation of the project's strategic location at Madisserimala in Kanichar Panchayat (Kannur District), its core mitigation capabilities, and financial structure, the State Executive Committee (SEC) recommended approval for implementing the 'Landslide Early Warning System (LEWS)' project under the State Disaster Mitigation Fund (SDMF) at an estimated cost of ₹1,04,41,467/- (Rupees One Crore Four Lakh Forty-One Thousand Four Hundred and Sixty-Seven only).

5. Government have examined the matter in detail and are pleased to accord Administrative Sanction for an expenditure of ₹1,04,41,467/- (Rupees One Crore Four Lakh Forty-One Thousand Four Hundred and Sixty-Seven only) from the State Disaster Mitigation Fund (SDMF) under the Head of Account "2245-07-101-99 – SDMF Structural Mitigation Measures" for transfer to the STSB account of the Kerala State Disaster Management Authority (KSDMA) towards the implementation of the pilot project titled "Landslide Early Warning System (LEWS)" at Madisserimala in Kanichar Panchayat, Kannur District, to be executed by K-DISC.

6. The Finance Officer, Disaster Management Department, shall take necessary action to transfer the sanctioned amount from the State Disaster Mitigation Fund (SDMF) to the STSB account of KSDMA.

7. K-DISC will act as the Programme Management Unit to ensure efficient execution and multi-stakeholder coordination.

TSB account Holder Name - Member Secretary, KSDMA

Account Number - STSB 188

Treasury - District Treasury, Thiruvananthapuram.

(By order of the Governor)
JEEVAN BABU K I A S
SPECIAL SECRETARY

The Executive Vice Chairperson, K-DISC, Thiruvananthapuram.

The Member Secretary, K-DISC, Thiruvananthapuram.

The Commissioner of Disaster Management, Thiruvananthapuram.

The District Collector, Kannur.

The Member Secretary, Kerala State Disaster Management Authority

(KSDMA), Thiruvananthapuram.

The Accountant General (A&E / Audit), Kerala, Thiruvananthapuram.

Finance Officer, Disaster Management Department.

Information & Public Relations (Web & New Media) Department (for publishing on the official website).

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Section Officer