PROCEEDINGS OF THE ADMINISTRATOR

KERALA MARITIME BOARD, THIRUVANANTHAPURAM-10

(DR. RATHAN U KELKAR I A S)

Subject : Kerala Maritime Board – Development and Integration of Maritime Land Bank and Spatial Information Module in K-GIS Platform for the Conservation and Development of Port Lands and Assets under Kerala Maritime Board by KSREC – Administrative Sanction – Orders issued.

Ref : 1. G.O. (MS) No. 22/95/Planning dated 29/08/1995

2. Proposal No. KSREC/302/2026-A1 dated. 24-08-2026 of M/s. KSREC

3. Minutes of the meeting held on 14-09-2026 with M/s. KSREC

4. Minutes of the Technical Committee (IT, Electronics & Digital Projects) meeting held on 29-09-2026.

4. S.R.O No. 626/2026 dated 08-07-2026

Order No : HOKMB-TVM/843/2026-D2 (TECH) **Date: 04-11-2026**

Port land exists at several strategic coastal locations across the 17 non-major ports owned and administered by the Kerala Maritime Board. Under the Indian Ports Act 1908, these 17 minor ports have been explicitly demarcated, belonging to the Ports Department and subsequently vested in the Kerala Maritime Board pursuant to the enactment of the KMB Act 2017. As a primary avenue for revenue generation, port land, buildings, godowns, and ancillary structures are leased to private entities on a license basis in strict accordance with statutory rules and the provisions of the Kerala Port Manual. To streamline land administration, enforce boundary integrity, and optimize revenue streams, it has been decided to survey all properties under the jurisdiction of KMB and erect permanent boundary stones, utilizing the resulting spatial survey data within a centralized Geographic Information System (GIS) platform.

Accordingly, the Kerala Maritime Board initiated the end-to-end digitization and GIS mapping of all land assets vested under its authority to create an accurate, unified spatial database, establish clear port boundaries, track potential encroachments, and

facilitate data integration with national platforms such as the PM GatiShakti National Master Plan Portal. The Kerala State Remote Sensing and Environment Centre (KSREC) is the premier state centre for implementing projects utilizing Remote Sensing, GIS, and other Geomatic tools for the planning and development of Kerala. Established as an autonomous body under the Planning and Economic Affairs Department, Government of Kerala vide reference (1) cited above, KSREC developed and manages the Keralam Geospatial Intelligence System (K-GIS) portal, which brings all GIS databases and spatial efforts in the State into a single, unified platform. As an innovative GIS-based system, K-GIS acts as a central gateway to address all the Geographic Information System needs of Government Departments as well as the public.

Detailed technical discussions with M/s KSREC have been completed, and based on KMB's specific operational requirements, KSREC has submitted a comprehensive proposal amounting to Rs. 29.74 Lakhs (inclusive of 18% GST) vide reference (2) cited above. The technical proposal submitted by M/s KSREC covers the custom development and integration of the Maritime Land Bank and Spatial Information Module on the K-GIS platform for KMB. The proposal was submitted before the Departmental Technical Committee (IT, Electronics & Digital Projects) meeting vide reference (4) cited above. The Committee considered the proposal received from KSREC for customizing its existing K-GIS platform for KMB, covering the land assets of the 17 non-major ports and related movable/immovable asset details. The major components include Web GIS application development across nine functional sub-modules, GIS database design and data integration, data analytics, and custom integration for KMB. The Committee noted that KSREC has agreed to provide a one-year warranty, as recorded in the minutes of meeting as per reference (3) cited above. Consequently, the Technical Committee recommended that the proposal of KSREC, including the one-year warranty provision, be accepted and considered for inclusion in the forthcoming Working Group proposal, with any AMC requirements post-warranty to be considered separately if required.

Although the initiative is intended to be included in the forthcoming Working Group proposal under the Plan Scheme "Development of Other Non-Major Ports" (Head of Account "5051-02-200-86"), the Working Group meeting is yet to be scheduled. Considering the immediate operational urgency of establishing the digital land bank and as per the directions in the minutes of meeting as per reference (3) cited above, it is imperative to proceed with the project without delay.

In the above circumstances, Administrative Sanction is hereby accorded for the execution of the project "Development and Integration of Maritime Land Bank and Spatial Information Module in K-GIS Platform for the Conservation and Development of Port Lands and Assets under Kerala Maritime Board" through M/s. Kerala State Remote

Sensing and Environment Centre (KSREC) at an estimated total cost of Rs. 29,74,000/- (Rupees Twenty-Nine Lakh Seventy-Four Thousand only), inclusive of 18% GST, meeting the expenditure initially from the General Fund of the Kerala Maritime Board for the financial year 2026-27.

DR. RATHAN U KELKAR I A S
ADMINISTRATOR

Copy to:

1. CA to the Chief Executive Officer
2. CA to the Controller of Finance and Accounts
3. The Mechanical Marine Engineer
4. The Finance Officer
5. The A1 Section (For information)
6. The D2 Section (Stock file)

Approved for Issue

Shri. Geromic George IAS
Chief Executive Officer