TELANGANA MINERAL DEVELOPMENT CORPORATION LIMITED
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KHAIRATABAD, HYDERABAD

TGMDC/IT /2025-26/1243,   Date: 04.10.2025

CIRCULAR

Subject:

Integration of GPS Data through API for All Registered Vehicles with TGMDC –Standard Operating Procedure (SOP)

Background:

The Telangana Mineral Development Corporation (TGMDC) is committed to promoting transparency, regulatory compliance, and efficiency in the excavation, storage, and sale of sand across the state. Accurate, real-time vehicle monitoring is essential to prevent illegal sand mining, and optimize logistics management for public benefit.

Currently, while most registered vehicles possess functional GPS devices, the GPS data of these vehicles is not integrated through **API data sharing** leading to lack of proper monitoring.

In order to ensure transparent monitoring, prevention of pilferage, safety, and efficiency, it has been decided to establish a centralized **Vehicle Monitoring Mechanism** at TGMDC.

Directive:

1. All vehicle owners registered with TGMDC to share real-time GPS data through API with TGMDC. At present, GPS data of more than 8,000 vehicles is already integrated with TGMDC

2. This integration should be completed **within 30 days** from the date of issue of this circular.

Standard Operating Procedure (SOP):

1. API Submission

- All vehicle owners must obtain API documentation from their GPS Service Provider.
- The API must provide at minimum:
    - Vehicle Registration Number
    - GPS Coordinates (Latitude & Longitude)

- ○ Speed & Direction
- ○ Timestamp

2. API Registration with TGMDC

- Vehicle owners should submit API details to TGMDC IT Division.
- The IT Division will validate API endpoints and ensure secure integration.

3. Monitoring & Compliance

- A **Vehicle Monitoring System** will be maintained at TGMDC HQ.
- Vehicles without live GPS data will be flagged

4. Help Desk

- A **dedicated Helpdesk (sand@tgmdc.in)** is available for owners/vendors facing technical difficulties.
- Vehicle owners must resolve vendor-related delays directly with their GPS provider.

*For any Queries, please contact Sri. Prashanth (TA-IT),

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