WEST BENGAL INDUSTRIAL DEVELOPMENT CORPORATION LTD.

(A Government of West Bengal Undertaking)
PROTITI, 23, Abanindranath Thakur Sarani, Kolkata – 700017

Corporate Identity Number: U75142WB1967SC026988

NOTICE INVITING EXPRESSION OF INTEREST (EOI)

Ref. No.: WBIDC/IT/2026/WBIDC Website & GIS/01A, dated: 02/11/2026

Expression of Interest (EOI) is invited from experienced GIS consulting firms, technology organizations, and reputed technical institutions for **Development of an Enterprise GIS-Based Industrial Land & Investment Management Platform for WBIDC**. The **platform which intends to strengthen IT infrastructure in the economic corridor of West Bengal for facilitating industrial investment promotion,** will integrate spatial and non-spatial data into a centralized Enterprise GIS environment (OGC-compliant) to streamline industrial land administration, asset monitoring, investor facilitation, and data-driven decision-making across West Bengal.

1. Background & Objectives

The West Bengal Industrial Development Corporation Limited (WBIDC Ltd.) plays a key role in promoting industrial growth, facilitating investment, and developing industrial infrastructure across the state. Managing of extensive land banks, industrial parks, utilities, projects, and investor relations by WBIDC Ltd. generates high-volume spatial and non-spatial data. To overcome fragmented data silos and limited spatial visibility, an Enterprise GIS application is required to provide interactive maps, dashboards, and mobile tools for efficient industrial land management, plot availability tracking, infrastructure monitoring, and site suitability analysis. Enterprise platform, the solution is required to integrate existing WBIDC data and applications and provide a common GIS environment for better planning, monitoring, and decision making.

2. Scope of Work

- **Digital Database Creation:** Georeferencing and digitizing cadastral/revenue maps, property boundaries, and legacy records into a standardized spatial database with topology rules and coordinate referencing.
- **Industrial Land & Plot Management:** Centralized GIS Industrial Land Bank mapping available, allotted, occupied, reserved, and developed plots with unique Plot IDs and detailed attribute linking.
- **Industrial Park & Asset Management:** Mapping existing industrial parks, internal roads, drains, power networks, water supply, waste management, buildings, and common park amenities.
- **Investor & Industry Mapping:** Interactive geoportal for district-wise and estate-wise visualization of industries, sectors, connectivity, and investment locations.
- **Land Availability & Suitability Analysis:** Multi-criteria spatial analysis incorporating transportation connectivity (highways, rail, ports, airports), utilities, terrain, and environmental constraints for future Industrial Park planning.
- **Project & Investment Monitoring:** Spatially tracking ongoing, completed, and upcoming industrial projects, milestones, and implementation progress.
- **Encroachment & Land-Use Monitoring:** Utilizing satellite imagery, drone data, 3D GIS, and GeoAI change detection for early identification of unauthorized construction and land-use changes.
- **Mobile Field Inspection:** Deploying mobile GIS and GPS-enabled field survey applications for on-ground asset verification, photographs, condition surveys, and real-time data updates.
- **LMS / ERP Integration:** Web service and API-based integration with WBIDC's Land Management System (LMS), Enterprise Resource Planning (ERP), and related portals.
- **Dashboards & Reporting:** Interactive executive dashboards for KPI monitoring, plot occupancy rates, allotment pipeline, revenue, and district-wise performance.

3. Submission Schedule & Guidelines

Eligible agencies having proven experience in enterprise GIS implementation may submit their **Technical Proposal and Indicative Commercial Estimate** (in separate sealed covers placed inside a single outer sealed envelope) clearly superscribed with ***"Expression of Interest for Enterprise GIS Platform for WBIDC (Ref. No.: WBIDC/IT/2026/WBIDC Website & GIS/01A)"***, addressed to **The Executive Director, West Bengal Industrial Development Corporation Ltd. (WBIDC Ltd.), PROTITI, 23, Abanindranath Thakur Sarani, Kolkata – 700017**, on or before **13/11/2026 up to 15:00 hrs**.

By Order