



Madhya Pradesh Pollution Control
Board Government of Madhya Pradesh

Invitation for Pre-RFP Consultation

For

“RFP for Selection of System Integrator for Design
Develop, Deployment and Maintenance of the
Consent Management and Monitoring System for
Madhya Pradesh Pollution Control Board (MPPCB)”

Letter of Invitation

Dear Sir/Madam,

M.P. Pollution Control Board, constituted in 1974, is a statutory organization with basic responsibility to ensure proper implementation of Environmental Laws within the State territory. The main objective of board is to maintain water, air, and soil in healthy and usable conditions for various purposes. An adequate monitoring network has been established in the state to keep a constant vigil on the environmental conditions and related issues. Number of programmes under various national and international schemes, apart from State's own, are being implemented to achieve the objectives. The Board was subsequently given the responsibility of implementing a series of other environmental Acts and Rules.

The Board has been vested with considerable authority and responsibility under various environment legislation to prevent the pollution. M.P. Pollution Control Board presently looks after the implementation of following Acts/Rules: -

- Water (Prevention Control of Pollution) Act, 1974
- Air (Prevention & Control of Pollution) Act, 1981
- Environment Protection Act, 1986 (certain sections)
- Public Liability Insurance Act, 1991
- Madhya Pradesh JaivAnaashyaApashista(Niyantaran) Act & Rule

The main objective of M.P. Pollution Control Board is to maintain water, air and soil in healthy and usable condition for various purposes. There are 15 Regional Offices, 3 District Offices, equipped with trained personnel and sophisticated instruments, are constantly keeping watch on environmental activities in the state to attain the objectives.

MPPCB is functioning with a number of business processes under various sections like Consent Management, Air, water and noise Quality Monitoring, Planning, Operation & Execution, Waste Management, Public Grievance, Legal, RTI, Public Relations, Publicity & Awareness, Administration & Establishment, Accounts, and Central Laboratory to focus on environment through adequate provision of infrastructure. In this regard, MPPCB is pursuing wide range of process reforms to bring out effective and sustainable change in existing system and internal efficiency for smooth operations. In their quest to embark upon an augmentation, MPPCB intends to set up an enhanced Consent Management and Monitoring System.

MPPCB planning for augment of the existing system to transform the board's commitment to be automated business process, enhance resource effectiveness & efficiency through improved access to accurate information and transparency. The various units of the board have been visualized to work in a tandem.

Thus, the Board has decided to upgrade the system with several new features and modules like Self Disclosure / compliance by the industries, Real time Pollution Monitoring System (RTPMS), LMIS (Lab Management Information System), Waste management (WMS), Inspection Management (IMS) and Consent Management and Monitoring (CMMS) Dashboards.

The purpose of this RFP is to select a System Integrator agency to design, develop, Deployment and implement a secured, user friendly, fast responsive enhanced system which will meet all the current and envisaged future requirement of MPPCB , In order to have an efficient functioning of MPPCB integration of various channels in terms of streamlining the Consent Management, Inspection, Pollution Monitoring and establishment wishes to have an enterprise system/solution with the existing systems and proposed applications.

The broad scope of the project is a system requirement study of the MPPCB IT Platform and defining the enterprise solution and the detailed design, development, and maintenance of a robust IT platform. Development of an enterprise solution architecture for managing the responsibilities of the Madhya Pradesh Pollution Control Board (MPPCB). In the current set up, these are the expected users:

Internal

1)Head Office

- Technical Department
- Scientific Lab
- Legal Department

2)Regional Offices

External

- Industries (Big/Medium/Small)
- Hospitals
- Municipal Corporations/Urban Local Bodies
- District Magistrate
- Power Department
- Water Department (UADD & PHE)
- Irrigation Department
- Industries Department
- Ground Water Authority
- PWD
- Forest Department
- Environment Department
- Wildlife Department
- NGT
- Citizens
- Courts (District/High/Supreme)

The following functional components needs to be developed/integrated/provided by the SI as per the below requirement:

Functional Components

- a. Industries Profiling
- b. Industry Data Collection
- c. Auto Consent Management CTE (Consent to Establish) and CTO (Consent to Operate) (Existing)

- d. Real-time Pollution monitoring RTPMS: (Existing)
- e. Self-Disclosure / Compliances by the industries
- f. Inspection Management System (IMS)
- g. Waste Management & Monitoring of proposal disposal
- v. EPR (extended Producers Responsibility), Plastic waste, e-waste, Batteries waste /Tyre
- h. LIMS (Lab Information and Management System)
- i. CMMS (Consent Management and Monitoring) Dashboards
- j. IoT Sensor-Based quality monitoring
- k. Legal Case Management System
- l. Grievances Management System
- m. Digital communications
- n. Capacity Building
- o. Predictive Analysis
- p. Integrations
- q. GIS, MIS, and Dashboards

The current system is operated and maintained by in house vendor of MPPCB. However, it is agreed that in today's dynamically changing scenarios every system needs upgradations to adjust to the demanding situations and greater expectations from all stakeholders. With new challenges coming up the demand for new technologies & re-engineering of the processes have emerged and thus a need to enhance the current IT infrastructure which is expected to enable MPPCB to provide world class services to its growing base of beneficiaries/end-users is a need of present and future. It is with this view, MPPCB has proposed to issue a "Selection of System Integrator for the Design, Develop, Deployment and Maintenance of Consent Management and Monitoring System" for the Madhya Pradesh Pollution Control Board (MPPCB).

To execute the same and with an endeavor to follow a consultative approach MPPCB has decided to hold a pre-RFP consultation meeting on 26th June 2023. This consultation program is being organized to have a viewpoint from stakeholder on the proposed RFP and to understand their concerns and to discuss their suggestions.

We encourage your participation in this workshop. The details are as under-

- Date: 26th June 2023
- Time: 11:00 AM to 01:00 PM

Meeting Link- <https://meet.google/gsy-fupd-maw>

Please note that this consultation shall be non-competitive. Responses will not advantage or disadvantage prospective tenderers in any future stages.

Thanking You

Yours Sincerely

Madhya Pradesh Pollution Control Board

System Approach

