



महाराष्ट्र प्रदूषण नियंत्रण मंडळ
MAHARASHTRA POLLUTION CONTROL BOARD

कल्पतरू पॉइंट, २, ३ आणि ४ था मजला, मूव्हीमॅक्स सिनेमा समोर,
शीव सर्कल जवळ, शीव (प), मुंबई - ४०० ०२२
Kalpataru Point, 2nd, 3rd and 4th floor, Opp. MovieMax Cinema,
Near Sion Circle, Sion (E), Mumbai - 400 022



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Ref. No. 1/2404208/2026

Date: 04/08/2026

RFQ NOTICE

Maharashtra Pollution Control Board (MPCB) invites sealed quotations from eligible and experienced Agencies/Vendors for Design, Development, Integration, Deployment & Warranty Support for "Green Mind AI 2.0" Upgrade of MPCB's Green Mind AI Chatbot with Self-Service Modules and Platform Enhancements.

The Scope of Work, Functional Coverage, Technical Requirement, Eligibility Criteria, Deliverables, Project timelines & required documents are mentioned in the Annexure-1 attached herewith.

The quotation in sealed envelope should be submitted at EIC section, MPCB, HQ Office, 4th Floor, Sion, Mumbai on within a week from issuance of this RFQ notice.

MPCB reserves the right to accept or reject any quotation without assigning any reason.

Digitally signed by
Rajendra Asaram Rajput
Date: 04-08-2026
18:07:13

Asst. Secretary (Tech)
Maharashtra Pollution Control Board
Mumbai

Annexure-1

Maharashtra Pollution Control Board invites quotations from eligible and experienced agencies/firms for upgradation of the existing Green Mind AI platform into Green Mind AI 2.0 with advanced citizen and industry self-service capabilities.

green Mind AI is MPCB's AI-powered Smart Eco Assistant currently providing conversational access to MPCB Standing Orders, Circulars, and regulatory documents. MPCB now intends to implement green Mind AI 2.0 with enhanced conversational intelligence, auto-ingestion pipeline, agentic memory, security enhancements, cloud-agnostic architecture, and multiple citizen-facing modules.

1. Scope of Work

- System design and architecture enhancement
- Development of new AI-powered self-service modules
- Integration with existing green Mind AI platform
- API enhancement and optimisation
- Auto-ingestion pipeline implementation
- UI/UX enhancements
- Security and confidentiality implementation
- Testing, UAT, deployment, and training
- Warranty and post-go-live support

The entire scope shall be completed within 30 calendar days from the project kick-off date.

2. Modules to be Developed

Module 1 — Circulars & Standing Orders Query

- Conversational querying over MPCB circulars, notifications, standing orders, and process documents
- English and Marathi language support
- Citation-based responses with document preview
- Multi-document reasoning capability
- Auto-ingestion from MPCB Website CMS

Module 2 — Industry Categorisation Assistant

- Conversational industry categorisation
- Red / Orange / Green / White classification
- CPCB/MPCB categorisation master integration
- Explanation and justification of classification

Module 3 — Pincode-wise SRO Jurisdiction Lookup

- Pincode-based SRO lookup
- Fuzzy matching for locations
- Display of SRO name, address, and parent RO details

Module 4 — Frequently Asked Questions (FAQ)

- Curated FAQ repository
- Search by keyword or natural language
- One-click citizen self-service responses

3. Platform Enhancements

The vendor shall implement the following platform-level enhancements:

1. Automated document ingestion from MPCB Website CMS
2. API specification upgrade and prompt optimisation
3. Enhanced security.
4. Re-worked prompt engineering framework
5. MPCB-branded upgraded user interface
6. Agentic memory layer for institutional knowledge
7. Cloud-agnostic scalable deployment architecture
8. Mobile-responsive interface
9. Analytics and performance optimisation

4. Technical Requirements

The proposed solution shall include:

- AI/ML-powered conversational engine
- Marathi and English NLP support
- Secure API integrations
- Automated document indexing and embeddings
- Prompt engineering optimisation
- Role-based authentication
- Encryption at rest and in transit
- Scalable cloud-agnostic deployment architecture
- Minimum uptime support of 99.5%

5. Eligibility Criteria

The bidder shall fulfil the following eligibility requirements:

1. The bidder shall be a registered company/firm in India.
2. The bidder shall have prior experience in AI / chatbot / conversational AI projects.
3. Documentary proof of work orders/completion certificates shall be submitted.
4. The bidder shall possess expertise in:
 - AI/ML solutions
 - API integrations
 - Enterprise application development
 - Cloud architecture

6. Deliverables

The selected vendor shall provide:

- Detailed System Design Document
- Circulars Query Module
- Industry Categorisation Module
- SRO Lookup Module
- FAQ Module
- Auto-Ingestion Pipeline
- Enhanced User Interface