



GOVERNMENT OF BIHAR  
BIHAR STATE DISASTER MANAGEMENT AUTHORITY  
(DISASTER MANGEMENT DEPARTMENT)

Patel Bhawan, 5<sup>th</sup> Floor, D/E Block, Nehru Patna-23

Letter No-3/6 ICI SAMGRI MUDARN/VITARN/Pra-1/2023....243...../Auth.



Dated:-...21.01.2026

## REQUEST FOR PROPOSAL (RFP)

### 1. Invitation for Proposal

The Bihar State Disaster Management Authority (BSDMA) invites sealed / online proposals latest by date **28-01-2026** at 2PM, from eligible, experienced, and competent firms/agencies for Design, Development, Hosting, and Deployment of an Interactive Augmented Reality (AR)-Enabled Desk Calendar as an awareness and training support tool for disaster preparedness and risk reduction. All proposals will be open in the presence of bidders at 3 PM on same above said date. Bidders must participate or send their representative to the meeting at BSDMA office.

### 2. Project Background

BSDMA proposes to develop an Interactive Augmented Reality (AR) Desk Calendar comprising 12 monthly pages, each depicting a specific disaster theme relevant to Bihar, such as:

- Cold Wave
- Earthquake Safety
- Fire Safety
- Flood Management
- Heatwave Mitigation
- Other disaster risk reduction themes

Each calendar page shall contain a dedicated QR code, which when scanned through a mobile device, will launch a browser-based AR experience displaying a theme-specific video explaining disaster management measures and best practices.

### 3. Objectives of the Assignment

- To create an innovative and interactive disaster awareness tool.
- To enhance public understanding of disaster preparedness through AR technology.
- To provide an easy-to-access, mobile-friendly training support mechanism.

### 4. Scope of Work

The selected bidder shall undertake end-to-end execution of the project, including the following:

#### 4.1 AR Application Development

- Design and development of a mobile browser-based AR experience. (no separate app installation required)
- QR code-triggered access to AR content.
- Month-wise AR logic mapped to respective calendar pages.
- Smooth, stable, and optimized video playback within the AR environment.

#### 4.2 Content Integration

- Integration of 12 disaster-theme videos to be provided by BSDMA.
- Optimization of video assets for mobile devices.
- Accurate mapping of each video to the relevant month and disaster theme.
- Ensuring uniform performance across devices and browsers.

#### 4.3 Technical Implementation & Deployment

- Generation and delivery of final QR code(s) suitable for printing.
- Hosting and deployment of the AR solution on a secure and scalable platform.
- Compatibility testing across major Android and iOS devices.
- Quality assurance testing for performance, stability, and usability.

#### 5. Deliverables

The successful bidder shall deliver:

- Fully functional browser-based AR application.
- Integrated and optimized 12 AR-enabled disaster awareness videos.
- Final QR code(s) for printing on the calendar.
- Hosted and deployed AR solution.
- Cross-platform compatibility and testing report.
- Final handover of all project deliverables.

#### 6. Project Timeline

- Total Duration: 10 (Ten) Working Days
- Commencement: From the date of issue of Work Order
- Delay beyond stipulated time may attract penalty as per BSDMA norms.

#### 7. Eligibility Criteria

- The bidder must fulfill the following minimum eligibility requirements:
- The bidder should be a registered company / firm / LLP / startup under Indian laws.
- Minimum 2 years of experience in AR / VR / Interactive Digital Solutions / Web-based Applications.

- At least one similar project involving AR / QR-based digital experience executed for Government / PSU / reputed organization.
- The bidder should not have been blacklisted by any Central/State Government organization.

(Self-declaration to be submitted)

#### 8. Submission of Financial Proposal

- A lump-sum, all-inclusive cost covering:
- AR application development
- Video integration and optimization
- QR code generation
- Hosting and deployment
- Testing and quality assurance
- No additional charges shall be payable beyond the quoted amount.

Warm regards



Secretary

BSDMA, Patna

21/01/2026