

## NOTICE INVITING QUOTATIONS (NIQ)

No. 09/SPAV/WEBDEV/NIQ/2024-25

Dt. 04.03.2025

The Director, School of Planning and Architecture, Vijayawada-520 008, invites sealed cover Item Rate Quotations on behalf of the President of India from eligible GST-registered contractors/firms for the redesign and development of the official SPA Vijayawada website as per the details below. Quotations must be submitted through post addressing to Registrar, SPA Vijayawada by 15:00 hrs on 25.03.2025, and will be opened on the next day at 15:30 hrs after which the qualified bidder will be shortlisted based on Technical bid and Financial bid.

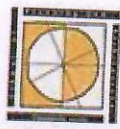
The NIQ, along with terms and conditions, can be obtained from our website in the tenders' section at <https://spav.ac.in/tender.html>.

### SPAV Website Redesigning and Development-Technical Requirement

#### Scope of Work

- I. **Source code development**
  - Front-end Development:
    - Utilize HTML5, CSS3, Bootstrap, and JavaScript, Three.js, WebGL for a responsive, modern front-end, ensuring consistent design across all devices (desktop, tablet, and mobile).
    - Integrate Three.js and WebGL to create interactive 3D elements on the homepage that respond to user input, enhancing engagement and visual appeal.
    - Ensure cross-browser compatibility and optimization for performance.
  - Back-end Development:
    - Develop a custom content management system (CMS) with an intuitive dashboard, enabling non-technical users to manage content easily. The CMS should allow the creation, editing, and deletion of pages, and provide media management.
    - Use a reliable server-side framework such as PHP or Node.js for backend functionality, paired with a MySQL database for content storage and retrieval.
- II. **Design System and Future Scalability**
  - Design System Development:
    - Create a comprehensive design system that defines visual styles (colors, typography, icons), interaction patterns, and UI components. The design system must prioritize responsiveness, ensuring a consistent user experience across desktop, tablet, and mobile devices.
    - Develop reusable UI components (buttons, forms, navigation) that can be easily integrated and reused by the in-house team for future pages.
  - Iconography and Visual Elements:
    - Develop a custom icon set and visual elements aligned with SPA Vijayawada's branding and visual identity. Icons should be scalable and optimized for all devices.
  - Template for Future Pages:
    - Provide a flexible page template that the in-house team can replicate and modify for future pages, ensuring scalability and ease of use. The template should adhere to the design system for consistent visual styling and functionality.
  - Documentation:
    - Supply comprehensive design system documentation, including component usage guidelines, code snippets, and best practices for maintaining consistency across future website updates.
- III. **CMS Features**
  - Custom CMS Dashboard:
    - Provide a user-friendly CMS with a WYSIWYG editor for content formatting and management.



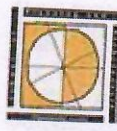


- Implement role-based access control, allowing different levels of access for administrators, content editors, and other staff.
- Page and Media Management:
  - Enable the creation, editing, and deletion of pages, and offer a media library for managing images, videos, and documents.
- IV. Review and Approval Process**
  - Design Approval:
    - Before commencing development, the vendor must submit design prototypes (including homepage design, key UI elements, and interactive components) for review and approval by the project team. The design must be fully approved by SPA Vijayawada's project team before moving forward with the development phase.
  - Iterative Reviews:
    - The project team will conduct weekly reviews starting from the day of issue of work order throughout the development process to ensure that the work aligns with the approved design and functional requirements. The vendor is expected to incorporate feedback and modifications as requested and present in the next upcoming review.
- V. Responsive Design:**
  - The website must be fully responsive and optimized for viewing on mobile and tablet devices, as well as desktops. Emphasis should be placed on ensuring a seamless and intuitive user experience across all devices.

### Terms & Conditions

- **Payment:** The payment will be done only on successful completion and handover of deliverables, training to SPAV after submission of invoice including GST as per GoI norms.
- After issue of Work order, the agency has to submit a performance security of 5% of the contract value for 9 months (6 months after completion of the project) in the form of DD/Bank guarantee/FD.
- **Intellectual Property:** Upon successful completion of the project and final payment, all intellectual property rights, including but not limited to the website architecture, CMS, design system, source code, and any related digital assets, shall be exclusively transferred to SPA Vijayawada. The vendor shall have no residual rights over the developed assets.
- **Confidentiality:** Both parties shall ensure the confidentiality of all project-related information, documents, and proprietary data exchanged during the engagement. The vendor shall not disclose or share any sensitive information with third parties without prior written consent from SPA Vijayawada. This obligation shall remain in effect beyond the project completion.
- The sealed covers shall be superscribed with the name of the work and the address of the agency, quoting the rates, and addressed to The Registrar, School of Planning and Architecture, Vijayawada.
- The competent authority reserves the right to accept or reject any quotation, in full or part, without assigning any reason.
- The L1 bidder shall be bound to execute the work at the rate quoted.
- The agency must obtain approval from SPA Vijayawada authorities regarding the all customized web design (or) UI/UX design, CMS structure, and security measures.
- The development process shall be completed within 90 days from the issuance of the work order.
- Weekly progress reviews will be conducted, and modifications must be incorporated as required.
- The website must be fully responsive across desktops, tablets, and mobile devices.
- The CMS should support role-based access controls for different administrative levels.
- The website should comply with performance, SEO, and security best practices.
- Data migration of the current website must be seamless without any loss.
- Penalty up to ₹50,000/- shall be levied for deviations such as project delays, performance issues, or non-compliance with technical specifications.
- **Malicious Code Certificate:** The seller should upload under company letter head, following certificate in the bid:- (a) This is to certify that the Hardware and the Software being offered, as part of the contract, does not contain Embedded Malicious code that would activate procedures to :- (i) Inhibit the desires and designed function of the equipment. (ii) Cause physical damage to the user or equipment during the exploitation. (iii) Tap information resident or transient in the equipment/network. (b) The





**योजना तथा वास्तुकला विद्यालय, विजयवाड़ा**  
**School of Planning and Architecture, Vijayawada**  
An Institute of National Importance, Ministry of Education, Govt. of India

firm will be considered to be in breach of the procurement contract, in case physical damage, loss of information or infringements related to copyright and Intellectual Property Right (IPRs) are caused due to activation of any such malicious code in embedded software.

- The following deliverables will be handed over after completion of the project duration with out any modification and malware free.
- Bidders must adhere to all GIGW 3.0 guidelines and ensure that the website pages are developed in strict compliance with these standards.

**Deliverables:**

- Front-end files: HTML, CSS, Bootstrap, JavaScript, Three.js, WebGL
- Back-end system: Custom CMS with all specified features
- Database: Configured MySQL database
- Documentation: System guidelines, developer documentation, and user manuals
- Training: Sessions for SPA Vijayawada staff
- Final deployment: Hosted on SPA Vijayawada's server.
- Template of a default page.

**Documents to be Submitted:**

- Company Registration Certificate
- GST and PAN Registration Certificates
- Documentary proof of 2 years work experience in web development projects
- Malicious Code Certificate Self-declaration on company letter head
- Sealed and signed copy of Annexure I.

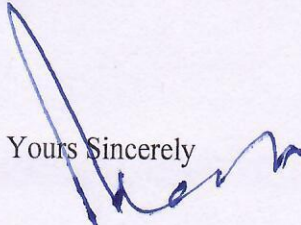
**Project Timeline**

- The entire project, including design, development, testing, and handover, must be completed within 3 months from the start date, following 6 months of support/ bug fixing.

**Correspondence address:**

Registrar,  
School of Planning and Architecture, Vijayawada.  
Survey No.4/4, ITI Road, Vijayawada-520008, Andhra Pradesh, India.

Yours Sincerely

  
K.V.Uma Maheswara Rao  
Registrar





## ANNEXURE -I

(to be printed on company letter head with contact information)

### Quotation format

Bidder Declaration: I/We hereby declare that I/We have read and understood all the terms and conditions mentioned in the NIQ document and agree to abide by them. I/We confirm that the quotation provided is in full compliance with the requirements set forth in this document.

S. No	Component Title	Technical Compliance
1	Source code development	<input type="checkbox"/> Yes <input type="checkbox"/> No
2	Design system and future scalability	<input type="checkbox"/> Yes <input type="checkbox"/> No
3	CMS Features	<input type="checkbox"/> Yes <input type="checkbox"/> No
4	Review and Approval process	<input type="checkbox"/> Yes <input type="checkbox"/> No
5	Responsive Design	<input type="checkbox"/> Yes <input type="checkbox"/> No

(Note: If the bidder disagrees with any technical compliance, they shall be disqualified.)

Total Project Cost excluding taxes \_\_\_\_\_.

I/We certify that the information provided above is accurate to the best of my/our knowledge. I/We understand that providing false or misleading information may result in disqualification.

I/We acknowledge that SPA Vijayawada reserves the right to accept or reject any quotation, in full or part, without assigning any reason.

Name of Firm: \_\_\_\_\_

Signature & Stamp with date: \_\_\_\_\_