SHRI VISHWAKARMA SKILL UNIVERSITY
(A State Skill University, setup by an Act of Legislature in 2016)

SVSU

Ref No.: SVSU/CRE/2024/01   **Dated: 11.06.2024**

NOTICE INVITING QUOTATIONS
For

Purchase of services – online web portal development for SVSU Kaushal Shala

Sealed quotations are invited from the manufacturers/exclusive distributors/ authorized dealers/suppliers/service providers for the below mentioned Kaushal-Shala web portal development as per details given below:

The scope of work defined below:

Shri Vishwakarma Skill University (SVSU), Palwal Haryana is planning to launch an online web portal for SVSU Kaushal Shala. The **SVSU Kaushal Shala** website will be the first interface for the candidate/ applicant aspiring to do projects with SVSU. This will help students/academia/industry to explore and enroll in the projects of their choice. This website will help all aspirants to connect from all corners across the globe. To create this functionality, we need to deploy an IT team and programming expertise. who will help us with creating the following- features, functionalities and design element for the website. In this regard, a portal with various features and functionality is required The following line items are required:

FEATURES OF WEBSITE

1. User registration and accounts – This will Allow users to create accounts, log in, and manage their profiles.
2. Project Catalogue- Display a well-organized catalog of projects with categories and search functionality.
3. Credit Bank- Enable users to add products to a shopping cart, view cart contents, and proceed to checkout.
4. Secure checkout Process - Implement a secure and user-friendly checkout process with multiple payment options.
5. Students Project History: Provide users with a history of their past, current projects tracking.
6. User Reviews and Ratings: Allow users to leave reviews and ratings on various aspects of the project –from web site interactivity till completion of the project.
7. Search Functionality: Include a robust search feature to help users find projects quickly.
8. Responsive Design: Ensure the website is mobile-friendly and responsive across various devices.

9. Social Media Integration: Allow users to share products on social media platforms and log in using social media accounts.
10. Newsletter/Project catalogue/Subscription: Provide an option for users to subscribe to newsletters/ catalogue and subscription for updates and promotions.

FUNCTIONALITY for WEBSITE

1. Project Tacker Management: Implement a system to track and manage project inventory.
2. User Authentication and Authorization: Ensure secure user authentication and authorization to protect user data.
3. Challan / Invoice/ Order Processing: Automate order processing, including order confirmation emails and invoices.
4. Security Measures: Implement SSL encryption for secure data transfer and use best practices to protect against common web vulnerabilities.
5. Content Management System (CMS): Use a CMS to easily update and manage website content.
6. Analytics and Reporting: Integrate tools for tracking website traffic, user behavior, and sales performance.
7. Payment Gateway Integration: Integrate a secure payment gateway for processing online transactions.

DESIGN ELEMENTS for WEBSITE

1. Intuitive Navigation: Design a clear and user-friendly navigation structure for easy exploration.
2. Branding and Logo: Incorporate the university and SVSU Kaushal Shala branding elements, including a logo and color scheme.
3. Visual Appeal: Use high-quality images and visually appealing layouts to showcase products.
4. Typography: Choose readable and visually pleasing fonts for a consistent and professional look.
5. Consistent Design Elements: Maintain consistency in design elements, such as buttons, forms, and overall styling.
6. Mobile Responsiveness: Design the website to be accessible and visually appealing on various devices.
7. Call-to-Action (CTA) Buttons: Use clear and compelling CTAs to guide users through the desired actions.
8. Loading Speed Optimization: Optimize images and code for fast loading times.

Technical Requirements:

1. Software must be developed using Java (Latest version like 17 or above), Spring Boot (Latest version like 3.1.2 or above), and Micro services for better modularization among different components as backend technologies. Angular

(Latest version like 16 or above) must be used as Frontend Technology.

2. All the API'S must be secured with token.
3. Cloud Technologies must be latest like AWS (Amazon Web Service), Microsoft Azure, GCP or Digital Ocean.
4. For Storage of document, Secured Storage must be used like AWS S3 or Similar.
5. Detailed cloud server specifications must be provided for handling approximately 5000 concurrent users (Kaushal Shala Team members, Dean, Chairpersons, Club/Cluster members, supervisors and club/cluster representatives).
6. Periodical backup of database / software should be automated and stored in a remote location.
7. Email and SMS Gateway should be integrated.
8. All the sensitive information must be encrypted before storing in the database.
9. Strong password policy must be adopted. No commonly used passwords should be allowed.
10. One Super Administrator account must be created with options to view all the Logs, Transactions and security history.
11. Super user must have the provision to assign / remove menu level access to all users.
12. Detailed User Manual, Process Flow and other documentations must be submitted upon completion of the project.

The portal must support and include:

a. Unlimited number of automations and applications forms
b. Publisher API support for website and mobile app of both application form and LMS
c. Admin and User Training of SVSU counsellors and officials

Terms and Conditions

1. The contract will be valid for an academic year. The data confidentiality of admission and backup of data should be ensured and shared on timely manner.

2. The sealed quotations, completed in all respect, must reach by registered post in the office of "**The Registrar, Shri Vishwakarma Skill University, Dudhola, Palwal, Haryana-121102"** latest by <mark>20th June 2024</mark> up to **5.00 PM**.

   "**Quotations invited for Online Web Portal Development for SVSU Kaushal Shala**" must be clearly written on the sealed envelope.

3. The quotation shall be submitted in a double envelope.
   Envelop-I: - Should contain Technical bid documents. (Annexure-I)
   Envelop-II: - Should contain Financial Bid documents. **(Annexure-II)**

4. The quotation received after due date and time or incomplete shall be out rightly rejected.

5. TDS and GST as amended from time to time by the Government will be deducted by the university from every bill of the agency.

6. Charges not mentioned in the quotation shall not be paid.

7. The firm must have GST number printed on their quotation.

8. SVSU reserves the right to accept or reject any or all the bids received without assigning any reason.

9. In case of dispute of difference arising between the parties, the dispute shall be referred to The Registrar, Shri Vishwakarma Skill University, whose decision shall be final and binding on both the parties.

10. No payment shall be made if work will close in defined period of time.

Annexure: I

(Submit in sealed Envelope-I)

PROFORMA FOR TECHNICAL BID (PART -I)

Sr. No.	Particulars to be submitted	To be filled by the bidder
1	Name of the Agency/firm	
2	Date of establishment/registration of the firm/agency.	
3	Detailed office address of the Agency with Office Telephone Number/Mobile Number/email id and name of the contact person	
4	Whether the firm is registered under Company Act, partnership, or proprietorship. (**Copies of all certificates of registration to be enclosed**.)	
5	PAN/TAN Number (**copy may be enclosed**)	
6	Sales Tax/VAT /GST Registration Number (**copy may be enclosed**)	
7	Whether the firm isblacklisted by any Government Department/ PSU/corporateor any criminal case is registered against the firm or its owner/partners anywherein India. (**If no, a declaration/certificate is tobe attached in this regard**)	
8	Attach copy of various valid Certifications as mentioned below. ISO 9001: 2015 (Quality Management System) or above **ii.** ISO/IEC 27001: 2022	

	(Information Security Management System) or above CMMI Level 3 or above Startup Certificate or above MSME Certificate or above	
9	Whether the bid document of all pages of the terms andconditions duly signed, in token of acceptance of the same, is attached.	
	Place:	
	Date:	
		ture of the BidderWith Office Seal

*ध्यान दें :- क्या आपने आवश्यक दस्तावेज संलग्न ककए ह, अपना आवेदन जमा करने से पहले जांच लें।

Annexure-II

(Submit in separate sealed Envelope-II)PROFORMA

FOR FINANCIAL BID (PART -II)

Firm
Name………………………………………………………………………………
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Firm   Address   with   pin   code
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S.No.	Item(s)	Duration		Quote your Rate including GST
1	Complete Scope mentioned with Term and Conditions	1 Academic year		
	Total Amount quoted by bidder			

(Signature of Bidder with seal)Name:

Designation:

Address with contact no.: