



# Vasant Rao Naik Marathwada Krishi Vidyapeeth, Parbhani (Maharashtra) - 431402

No. VNMKV/ CAET/ Quot/ 1133 /2020

Date: 22 /10 /2020

## NOTIFICATION

### **Call for quotation for Design and Development of Android Mobile Application for Student's Attendance and Evaluation of Teacher's Performance**

Vasant Rao Naik Marathwada Krishi Vidyapeeth, Parbhani invites sealed quotations for **Design and Development of Android Mobile Application for Student's Attendance and Evaluation of Teacher's Performance** from Authorized and Experienced IT Firms/Service Providers. The quotations should be addressed to **Director of Instruction & Dean F/ A, VNMKV Parbhani -431402** and **should reach on or before 9/11/2020 by 17.00 hrs.** The sealed envelope should be marked as: **"Quotation for Student's Attendance and Evaluation of Teacher's Performance"**.

#### **Scope of the work:**

VNMKV Parbhani intends to develop Android Mobile App for **Student's Attendance and Evaluation of Teachers Performance in Classroom Teaching** through online feedback system. The entire data generated through this mobile app should be stored on the Cloud Server which only be accessed by the Competent Authority of VNMKV. The Mobile App should have an option of multiple choices for **Evaluation of Teacher's Performance in Classroom Teaching** with Administrative Control. A separate web portal should be developed for the administration of the mobile app.

#### **Nature of work:**

Sr.No	Specification	Quantity
1.	Development of Android Application with database for <b>Student's Attendance and Evaluation of Teacher's Performance in classroom teaching</b> . The Application should have web based portal for Administrator settings, download and print reports, other settings. The Android App should have following logins with given roles: <b>1. Administrator :</b> <ul style="list-style-type: none"><li>▪ Can add, edit and delete all the users</li><li>▪ Can add, edit and delete the performance evaluation parameters (i.e.</li></ul>	01

	<p>Subject Knowledge, Communication Skills, Teaching Techniques, Classroom Environment, Interaction and Approach, etc.)</p> <ul style="list-style-type: none"> <li>▪ Can add, edit and delete the ranks for performance evaluation parameters (i.e. Excellent, Very Good, Good, Average, etc)</li> <li>▪ Can have Web and Android login</li> </ul> <p><b>2. Dean</b></p> <ul style="list-style-type: none"> <li>▪ Can add, edit and delete the List of Constituent and Affiliated Colleges and information of Associate Deans.</li> <li>▪ Can view the reports of Student’s Attendance and Teacher’s Performance Evaluation of all the Constituent and Affiliated Colleges according to semester, month ,week, day and class wise</li> <li>▪ Can have Web and Android login</li> </ul> <p><b>3. Associate Dean</b></p> <ul style="list-style-type: none"> <li>▪ Can add, edit and delete the List of HoDs and Teachers associated with the college</li> <li>▪ Can add, edit or delete the Time table of their college</li> <li>▪ Can view the reports of Student’s Attendance and Teacher’s Performance Evaluation for all departments according to semester, month ,week, day and class wise</li> <li>▪ Can have Web and Android login</li> </ul> <p><b>4. Teacher</b></p> <ul style="list-style-type: none"> <li>▪ Can take attendance of Students for each class/period</li> <li>▪ Can reschedule the Class with the permission of Associate Dean</li> <li>▪ Only have Android login</li> </ul> <p><b>5. Students</b></p> <ul style="list-style-type: none"> <li>▪ Can Submit the feedback at the end of every class/ period, if notified and permitted by the teacher</li> <li>▪ Only Android login</li> </ul> <p><b>The Dashboard</b> of Mobile App should have following hierarchy.</p> <ol style="list-style-type: none"> <li>I. <b>Under graduate Section</b> Admin→Dean→Associate Dean→Teacher→Students</li> <li>II. <b>Post graduate Section</b> Admin→Dean→Associate Dean→ Teacher→students</li> <li>III. <b>Post graduate Diploma</b> Admin→Dean→Associate Dean→ Teacher→students</li> </ol> <p><b>Target users:</b></p> <p>Deans of the Faculty, Associate Deans of colleges/ Academic staff and Students.</p> <p><b>Step-wise flow diagram, Mockup and Working Principle:</b> consisting of following features should be provided by the bidder with quotation</p> <ol style="list-style-type: none"> <li>1. Attendance of the student’s in Mobile App.</li> </ol>	
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	<ol style="list-style-type: none"> <li>2. Student's Attendance accepted through QR Code</li> <li>3. Displaying the feedback form to the students</li> <li>4. Students can submit the feedback</li> </ol> <p><b>Features required</b></p> <ol style="list-style-type: none"> <li>1. Teachers/Students Data</li> <li>2. Hierarchy level-wise reports on dashboard for Dean, Associate Dean, HOD and Teacher.</li> <li>3. Students Registration, Time Table management, Allotment of Course Teachers, Record of Attendance all data at College Level</li> <li>4. Performance Monitoring System: Student wise/ Course wise/ Department wise/ Teacher wise/ College wise</li> </ol> <p><b>Technical requirements :</b></p> <p>The app should work on Android 5.1 onward based mobile phones and tablets. Should use latest version of Android development. The design of the app should be user friendly with English and Marathi language support. Development of web page/ portal for Admin panel to handle the master settings. The web application. Could be linked with University website with menu control if required. The mobile App should be available in Google Play Store for download.</p> <p><b>1.Android Development :</b></p> <p>Android Studio tool 3.4.2, Language Java 1.8.1 / Updated Version, Database SQLite, Graddle 4.10.</p> <p><b>2. Web Application :</b> C# .NET/ php/ Angular, MS SQL Server</p> <p><b>3. Database :</b> All the data generated through mobile app and web portal should be stored on cloud server.</p>	
2.	<b>QR Code or Other usable system for operation</b>	<b>01</b>

**Bid Price:**

1. The price should be mentioned in Indian Rupees only.
2. GST should be mentioned separately.
3. The rates quoted should include all duties, taxes and other levies payable on the raw materials and components
4. The rates quoted by the bidder shall be fixed for the duration of the contract and shall not be subject to adjustment on any account.
5. The contract shall be for the full quantity as mentioned above. Corrections if any shall be made by crossing out, initiating, dating and re-writing.

**Validity of the quotation:**

The quotation shall remain valid for the period not less than 60 days after the deadline date specified for the submission.

**Evaluation and Award of contract:**

1. The University will award the contract to the bidder whose quotation is found to be substantially responsive and who has offered the lowest evaluated quotation price.
2. The University will evaluate and compare the quotations which are properly signed and confirm to the terms and conditions, and specifications described.
3. Notwithstanding the above, the University reserves the right to accept or reject any quotation and to cancel the entire bidding process and reject all quotations at any time prior to the award of the contract. In such circumstances the University will not be under obligation to give any clarification.
4. The bidder whose bid is accepted will be awarded the contract by the University prior to expiration of the quotation validity period. The terms of the accepted offer shall be incorporated in the purchase order.
5. The selected bidder should have to deposit 5% amount as Performance Security Deposit. The Performance Security Deposit without interest will be refunded after the end of the contract. Failure in liability to

**Terms and Conditions:**

1. Each bidder should submit only one quotation.
2. The bidder should have experience of working with such app and must submit their client list where they have completed this kind of work including SAU.
3. If there is any conflict between the university and the bidder during the service period, the claim will be settled in the Parbhani (Maharashtra) District Court only.
4. No advance payment will be released at the time of work order. The payment will be realised after successful installation and working of App.
5. The bidder should keep the data of the University strictly confidential and should not share with any other institute or companies.
6. The provided App will be the Sole property of VNMKV Parbhani.
7. Normal commercial and authenticated warranty will be applicable to supplied App.
8. The bidder will be responsible to provide support post-installation of the App at VNMKV Parbhani for five years and need to sign MoU for this purpose.
9. The bidder should provide undertaking on the Non Judicial Bond of Rs. 100/- that the firm is not blacklisted by any institution or Government Agencies and they abide by the terms and conditions of this call for quotation.

### **Enclosures with quotations**

Following enclosures should be attached with the quotation.

1. Photo copy of the registration certificate/ licence of Company, Service Licence with latest renewal.
2. Photo copy of GST registration details.
3. Photo copy of PAN details.
4. Income Tax Return for the year 2018-19.
5. Company Profile, Performance Certificate and Work orders received from other clients, SAUs. Flow chart, Mockup and technical details.
6. Undertaking on the bond

**Mailing Address: Director of Instruction & Dean F/A, VNMKV Parbhani - 431 402.**



**Chairman**

**Mobile App Development Committee  
VNMKV Parbhani**

## Price table and Format of quotation

S.N	Description of Work	Specification	Unit	Cost (in INR.)
01	Android Mobile App and web based portal as per the Specifications mentioned		01 (With 5 years of support)	
02	Data Storage on Cloud Server			
03	Updates in the Mobile App from time to time as per the requirements of the University			
		<b>Total (INR)</b>		
		<b>GST/ Taxes (INR)</b>		
		<b>Grand Total (INR)</b>		

We agree to supply and successfully demonstrate the above App in accordance with technical specifications for a total contract price of Rs. ....(In Words Rs. ....) within the period specified in the call for quotations.

We also confirm that the normal commercial warranty of ----- months and authentication shall apply to the offered goods. We abide by technical details and all the terms and conditions mentioned in the notification.

We hereby certify that we have taken steps to ensure that no person acting for us or on our behalf will be engage in bribery.

Any other terms and conditions should be mentioned..

**Place :**

**Date :**

**Signature of Bidder/ Supplier**