



**MAHATMA GANDHI UNIVERSITY  
KOTTAYAM**

No. Ad.BIV/1/318/QPM Software/2018

Dated: 24.09.18

NOTICE INVITING TENDER

**(Tender No. Ad.BIV / 1 / 318 / QPM Software/ 2018 )**

**The Registrar, Mahatma Gandhi University, Kottayam** invites online bid (technical and financial bid) for the procurement of **Software to Implement the Question bank for CBCS** course of the University.

1	Name of the equipment	<b>Supply &amp; Installation of Software to Implement the Question bank for CBCS course</b>
2	Earnest money deposit (EMD)	<b>Rs.15000/-</b>
3	Tender submission fee	<b>Rs.2300/- + GST</b>
4	Period of supply and installation	Within <b>5</b> days
5	Mode of submission of Bid	Online
6	Tender Documents	Can be downloaded from the website <a href="http://www.etenders.kerala.gov.in">www.etenders.kerala.gov.in</a>
7	Last date and Time of submission of tender by online	08.10.18      4.00 pm
8	Date and time of opening of bid opening	10.10.18      11.00 am

General tender documents and tender schedule can be downloaded in A<sub>4</sub> plain size paper free of cost from the website [www.etenders.kerala.gov.in](http://www.etenders.kerala.gov.in)

**Documents to be submitted along with bid through online**

Sl.No	Through online
1	Scanned copy of valid dealership certificate.
2	Scanned copy of duly filled e-payment form
3	Scanned copy of other certificates required, if any, for tender acceptance
4	Scanned Copy of duly filled preliminary Agreement in stamp paper of Rs.200/-
5	BOQ

## **Special Conditions**

1. The quoted Price should be inclusive of all taxes/freight/Installation etc.
2. **AMC conditions**, nearest servicing centers details, user reference and supporting catalogues should be provided soft copies).
3. The Delivery Schedule, Payment Terms & Warranty/Guarantee etc must be clearly indicated in the technical bid.

The bids will be opened at the date and time specified. Further details can be had from the **Administration B4 Section** on all working days during working hours. The bidders are advised to submit their bid well in advance to avoid any kind of network issues. If relevant documents through speed post are not submitted with in time, the tenders will not be considered.

The undersigned reserves the right to reject any or all the tender without assigning any reason whatsoever.

Sd/-

**ASSISTANT REGISTRAR III (ADMN)  
FOR REGISTRAR**

## **SPECIFICATIONS**

Speed Colour (A3) -	40 PPM or above
Speed Colour (A4) -	90 PPM or above
Paper size: Max-Min -	A3-A5
Paper weight (g/m2) -	60-210 gsm
Paper type -	Uncoated, Envelopes, Label stock (sticker paper)
Paper capacity Standard	2000 & above
Max Paper Capacity	5000 or above
Warmup time -	Below 250 Seconds
Duplex -	Standard
OS Supported	Windows & Linux
Control Panel	9" Touch Screen

## **Printer Trays**

Standard -	3 Nos. 50-210gsm
Multi bypass tray -	1 No. 50-210gsm
Large capacity tray.-.	3000 sheets or above
Paper folding Unit.-.	Standard with offset stacking
Folding mode -	Half fold, Booklet

## **Printer**

Network printer -	Inbuilt
Resolution -	600x600dpi
Interface standard -	10Base-T,100Base-T,1000Base-T

## **Copier**

Original size -	A3
Max Continuous Copies	9999

Scan Resolution	600x600dpi
Print Resolution	600x600orabove
Zoom range -	Min50–200%
Duplex -	Inbuilt
Network Scanner -	Inbuilt
File formats -	PDF, TIFF, JPEG
Resolution -	200-600dpi
Continuous Copy -	9999

## **Purchase of software to implement the Question bank for CBCSS**

### **Scope of Services**

- Provide a presentation with new concept / ideas pertaining to Question Bank maintenance and Question Paper generation.
- Design, Develop, Test and Implement the software application, based on the final requirements.
- Maintain security best practices
- Provide training to different stakeholders, which includes academic expertise to implement the software
- Provide usage best practices, considering the academic scenarios
- Provide ongoing support
- Maintain all the formalities for developing and implementing software application for a Government / Academic organization.
- Assure confidentiality about communications and data provided

### **Pre-Qualifications**

- The firm should have minimum of 10 years of experience in software application development for academics domain.
- The bidder should be a company or firm registered under the Indian Companies Act 1956/2013.
- The bidder must have valid service tax registrations
- The bidder must have audited balance sheet for the last 8 years and should be income tax assessed
- The Organization should have a turnover of at least Rs. 1 Crore for the last 3 years should also be able to provide onsite support if required.
- The Bidder should be based in Kerala or have a local office for the past 5 years. Bidder should also be able to provide onsite support if required.
- The Bidder should have a minimum of 25 IT professionals in the team.

- The Bidder should have academic domain experts in the team implementing the software application
- The bidder should have successfully implemented similar application in at least two autonomous college/universities and should be able to provide customer references.
- The bidder should not have a history of being blacklisted by the Central/State Governments or Government Agencies.

### **Software Requirements**

- The application should be robust and highly secure.
- All the teachers in various affiliated colleges under the university should be able to enter/suggest questions
- The board of studies should be able to shortlist questions entered by the teachers, into the question bank
- Experts should be able to review and comment on the questions in the question bank
- The board of studies should be able to finalize the question bank
- Well structured and scientific maintenance of question banks should be allowed
- Questions shall be categorized under Bloom's Taxonomy
- Controller of Examinations should be allowed to generate question papers easily, as and when required
- Different question paper patterns of the university should be supported
- There should be provisions to control difficulty level as well as theory/application elements in the Question papers
- Repetition from previous year question papers should be restricted to desired levels
- Usual complications in question paper generation should be taken care of
- Standardization of student evaluation should be facilitated.

### **Implementation Requirements**

- Assist the University in implementing the software and defining best practices in security and usage
- Sufficient training and workshops should be provided to teachers and board of studies members to use the software application and best practices
- Provide necessary training to the office of the Controller of Examinations
- Should be ready with infrastructure for hosting the application or otherwise be capable of managing servers for a similar requirement
- Software certificate issues if any should be resolved by the firms.