

UNIVERSITY OF CALICUT

(Purchase Division)

60168/PURCHASE-ASST-B3/2018/Admn

Dated 06.04.2018

QUOTATION NOTICE

1	Quotation No.	60168/PURCHASE-ASST-B3/2018/Admn Dated 06.04.2018
2	Name of the item	OMR software
3	Department to which the Purchase is made	Directorate of Admissions
4	Quantity required	One
5	Last date & time of receipt of the Quotation	21.04.2018. 4.00 P.M
6	Date & time of opening the Quotation	23.04.2018 11.00 A.M
7	Designation and address of the officer to whom the quotations are to be sent	The Deputy Registrar, Purchase Division, University of Calicut. PIN.673 635. Phone. 0494- 2407130

- Sealed competitive quotations are invited for the **Purchase of OMR Software** for the office of the Directorate of Admissions, University of Calicut
- The bidder should have GST registration and the copy of the certificate shall invariably be attached with the quotation documents.
- The quotations should reach the Deputy Registrar (Purchase) on or before 21.04.2018 04.00 P.M. The quotations received late, will be rejected summarily.
- The rate quoted should be inclusive of all charges including taxes and installation & delivery charges.

OMR SPECIFICATION

I) Bidder Qualification Criteria

1. The firm should have atleast **10 years** explicit work experience in the field of OMR Software.
2. Minimum Turnover of the firm **Rs.1 crore originating from OMR services.**
3. The software should have a credible background with **atleast 50 Government users.**
4. The firm is required to mention the **names and reference of prestigious Government clients** to whom they have provided services (Please Attach POs and Installation Certificates in support).
5. The OMR Software should be a proprietary product and the bidding firm should be **OEM provider** and have the ownership of the source code of the software for anytime customisation in the software with full flexibility.
6. The OMR Software should be standardized and **ISO Certified.** Preference will be given to **ISO 27001.**
7. The Software should be ready and delivered within 03-07 days from the date of order.

II) System Requirements

1. **OS Compatibility:** All Windows (XP/7/8/10) (32/64 Bit) / Linux
2. **Database:** MS Access/Any Open source DBMS
3. **Computer Requirements:** Core i5 Nano PC
4. **Internet Requirements:** Software should run independently without using internet.

III) Common Features for OMR Sheet Designing & Printing

1. **Sheet Design:** Client-end self design using 'drag-n-drop', auto calibration, unlimited designs.
2. **OMR Sheet Size:** postcard size to A3.
3. **OMR Shapes and Size:** circle/ellipse/box. Size is user defined
4. **Design Output/ Printing Source:** Open Source SVG, PDF, DOC, CDR
5. **Printing Color/Paper:** Multi Color or B/w, No specific paper thickness, judge on basis of scanner
6. **Printing method:** Laser, inkjet, offset and copier

IV) Common Features for OMR Sheet Scanning & Reading

1. **Scanner Compatibility:** Any available model of Flatbed, ADF or MFP type of scanner.
2. **Scanning DPI:** 100/150/200dpi
3. **Scanning Mode:** B/W (1-Bit), Greyscale or RGB Color modes
4. **Image Formats:** JPEG/ BMP/ TIFF (Single Page and Multi page)
5. **Single Pass Reading:** Yes
6. **Color Dropout Feature:** Inbuilt
7. **Image Enhancement Feature:** Inbuilt
8. **Image Distortion adjustments:** Automatic
9. **Mark Detection Sensitivity:** User Defined
10. **Multiple Threshold Verification:** Yes
11. **Automatic Image Detection and Reading:** Yes

V) OMR SPECIFICATION

1. **Multiple-folder / Sub-folder Reading :** Yes
2. **Reading Mode:** Multiple
3. **Real Time Verification:** Yes
4. **Duplex Reading:** Two sided OMR can be read.
5. **Reading Speed:** approx. 100 images in 3 minutes

VI) Common Features for Reports & Output

1. **Output Formats:** PDF, Excel, Access and CSV
2. **Output reports:** Preset Reports with flexible filters.
3. **Data verification:** Software should allow listing and manual rectification of any sheets with reading issues like duplicate IDs or blocks with multiple bubbles filled, specific block with specific values, specific blocks as blank etc. The software should also display the sheet along with its read data for manual correction of data values.

VII) OMR Answer Sheet Checker Features

1. **Test Definition:** No limits on Number of Test created and Evaluated
2. **Test in Shuffled Sets:** Allows evaluation of Tests created by jumbling of Questions
3. **Acceptable Question Types:** MCQ, Matrix, Numerical
4. **Scoring patterns:** Negative scoring, Weighted scoring, Proportional scoring, Decimal scoring, Question cancellation & bonus/compensation scoring.
5. **Answers key input:** Scan from a OMR sheet; Copy-paste from Word/Excel; Manual entry/typing;
6. **Student Data:** Software can import candidate records from excel.
7. **Security:** Allows password protection of answer keys, test settings and read data.
8. **Results:** Multiple type of Score & Merit lists, Question Breakup and Statistical analysis



Shajee. K.

Deputy Registrar (Purchase)

For REGISTRAR

Copy to: The System Administrator (to publish in the University web site)