ISLAMPUR COLLEGE
ACCREDITED BY NAAC WITH GRADE B

ESTD. - 1973

P.O. : Islampur
Dist. Uttar Dinajpur - 733202
Phone : 74790 37099
web : www.islampurcollege.ac.in
e-mail : support@islampurcollege.ac.in

DATE: THURSDAY. JANUARY 7. 2021

NOTICE

Quotations are invited from authorized agencies for supplying **CYBERNETYX INTERACTIVE FLAT PANEL (TEACHING DEVICE): ALL-IN-ONE INTERACTIVE DISPLAY** before 19.01.2021(05.00 P.M.). The agencies must send their quotations (excluding of all taxes) by hand or by post with **MANUFACTURER AUTHORISATION CERTIFICATE AND CREDENTIALS.** Purchase Committee of the college is the final authority to reject or accept any quotation without showing any reason.

CONFIGURATION & OTHER REQUIREMENT DETAILS ARE MENTIONED BELOW:

EQUIPMENT BRAND – CYBERNETYX

Interactive Teaching Device: All-in-one Interactive Display

PARAMETER HEADS	PARAMETER	SPECIFICATION
Display	Active Screen Size	75 inches
	Resolution	3840 x 2160
	Aspect Ratio	16:09
	Backlight type	D-LED
	Brightness (typ.)/(min)	450cd/m² (typ.)
	Contrast Ratio	1200:1
	Viewing angle	178°
Touch Systems	Touch Points	20
	Touch Tool	pen & finger (Both)
	Response Time	4ms
	Accuracy	±1mm
	Minimum object size	1.6 mm
	Surface Hardness	4mm toughened glass with level 7 of Mohs Standard
Android System	Android version	Android 8.0
	RAM	(*)3GB or Higher
	ROM	16G
OPS	Processor	Intel Core i5
	RAM	4GB
	SSD	SSD 256GB
	HDD	HDD 500GB

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	OS	Windows 10 Original
	Wi-fi	Yes
	Connectivity	HDMI (1), USB 2.0 x4, LAN, Audio in, Speaker out
Audio & Video	Audio output	15W*2 (minimum)
	MIC	BOYA WM4 PRO-K1 Lapel Clip-on Wireless Mic System or Higher Configuration
	Camera	PeopleLink i3 Plus/Logitech Full HD 1080p, 1920x1080p@30fps frame rate Built-in-stereo Omni Directional microphones USB 2.0/3.0 Video image format: YUV/H.264/MP4 etc. Support Windows 10

INTERACTIVE SOFTWARE SPECIFICATION:

A full-fledged interactive software suite / Teaching App must be bundled with interactive panel with the following features:

Teaching Tools:
o   Must have Mathematics tools (like Ruler, compass, and protractor)
o   Must have Writing recognition for complex Mathematical equations, that even solves complex calculations, without need of typing.
o   Must have Hand-Writing recognition in English words with suggestions.
o   Teaching app must be able to open office documents (like word, excel, PowerPoint and PDF) within the app,
o   Should be capable to annotate and take screenshot on any 3rd party applications running on Windows OS

Content Creation platform & Lesson Planning:
o   Teaching app must have Built-In access to teaching academy, with access to wide range of resources, curates for different curriculum
o   Built-in teaching assistant that can search for education content on any topic in the form of pictures, videos and text.
o   Teaching app must have built in Screen recording

Content Sharing & collaboration:
o   Teaching app must be able to share lesson to all students with single button click
o   Should have built-in wireless mirroring function.

Blended Learning Platform
▪   **Provision for Students to attend classroom from anywhere**
o   Students should be able to collaborate on virtual whiteboard from their devices.

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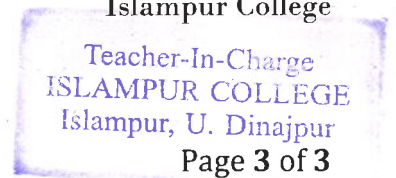ACCREDITED BY NAAC WITH GRADE B

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- o Student should be able to access lesson shared by teachers on their Android and iOS Device. And learn at their own pace and time. And they should have access, to Free educational resources to our other curriculums.
- **Live virtual instructions using built-in video conferencing tools**
- **Assign Syllabus or create customized curriculum**
- o Should be able to provide FREE Adaptive content for popular curriculums.
- o Should have Built in Cloud Search tool that provides educational search results.
- o Option to Create custom curriculum.
- **Create lesson plans and Publish to Cloud**
- o Built in content Authoring tool
- o Class Dashboard, to manage published and unpublished lesson
- **Create Assessments and automate grading process**
- o Should have built-in assessment module so that teachers can create Assessment from anywhere. And Create various different kind of question, like MCQs, Multi-select, true/false, Picture select etc.
- o Assessment module should have AI enabled module for auto questions generation from any text or paragraph saving time for teachers.
- o Students should be able to take assessment from anywhere, anytime.
- o Should have feature to grade assessment automatically
- o Assessment module must provide Insights & data so that timely action can be taken, and learning outcomes of students can be improved.
- o Must have option to create individual student Profiles, which is powered by AI and can generate the learning path for the students and suggest a more relevant content as per student abilities.
- **Managing Attendance and Performance from one place**
- o Should be able to enrol, manage and promote students virtually,
- o Should be able to appoint and manage Teachers, and analyse their performance and attendance virtually.
- o Should be able to create and manage custom courseware
- o Should be able to classroom equipment of all classrooms remotely and get insights on their effective usage.
- **Broadcast Messages from School administration**
- o Admin should be able to share important information easily with all students, teacher and parents.
- o Teachers should be able to send the information to student notification centre.

Sujit Kumar Pal

Teacher-in-Charge
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