

**TENDER FORM FOR PURCHASE OF INTERACTIVE LEARNING SOLUTION FOR  
GOVT. CHISHTIA SIRAJIA HIGH SCHOOL 174 GB DISTRICT FAISALABAD.**

M/S \_\_\_\_\_  
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\_\_\_\_\_

G.S.T. \_\_\_\_\_

Income Tax No. \_\_\_\_\_

Last Date of Receipt of Tender: 23.02.2018 at 11:00 AM

Opening Date & Time: 23.02.2018 at 12:00 PM

Tender Price Rs. 500/-

<b>Item Name &amp;Description</b>	<b>Quantity</b>	<b>Estimated Cost in Rs.</b>	<b>Unit Rate including all leviable Taxes.</b>
<b>Interactive Learning Solutions</b>	<b>01</b>	<b>250000/-</b>	

**INTERACTIVE SOLUTION – TECHNICAL SPECIFICATION**

**DISPLAY**

Diagonal Size: 65", Screen Type: TFT LCD (Direct LED Backlight), Aspect Ratio: 16:9, Display Area: 1462.5 x 801.5 mm (57.6 x 31.6 in), Resolution: Full HD 1080p (1920 x 1080 px @ 60 Hz), Response Time: 8 ms, Refresh Rate: 60 Hz, Display Colors: 1.07B (10-bit), Contrast Ratio: 4000:1, Image Diagonal: 1636.2mm (64.4"), Image Area Width: 1426.5mm (56.2"), Image Area Height: 801.5mm (31.6"), Active Area Width: 1479.5mm (58.2"), Active Area Height: 824.5mm (32.5")

**CONNECTIVITY**

HDMI In: x3, USB Touch: x2, VGA In: x1, VGA Audio In: x1, YPbPr: x1, CVBS: x1, Mic In: x1, Headphone: x1, USB 2.0: x2, RS232 Serial: x1, OPS Slot: x1 (with dedicated front USB 2.0 x1 and USB 3.0 x1)

**AUDIO**

Speakers: Front-facing stereo speakers, Power: 2 x 15 W

**POWER**

Power Requirements: 100V - 240V AC, Power Consumption (Normal): 120W, Power Consumption (Standby): <= 0.5 W

**ENVIRONMENTAL**

Operating Temperature: 0°C to 50°C (32°F to 122°F), Storage Temperature: -20°C to 60°C (-4°F to 140°F), Operating Humidity: 10% to 90% non-condensing humidity, Storage Humidity: 10% to 90% non-condensing humidity

### **PHYSICAL SPECIFICATIONS**

Overall Dimensions: 1710 x 1350 x 540 mm (67 x 53 x 21 in), Packed Dimensions: 1544 x 939 x 99 mm (61 x 37 x 3.9 in), Net Weight: 45 kg (99.2 lbs), Packed Weight: 57 kg (126 lbs)

### **INTERACTIVITY**

Continuous Touch Points: 10, Gestures and Edge Swipes: Windows® Supported, Touch Technology: Infrared, Touch Resolution: 32,768 x 32,768 px, Bezel Size: 30 mm, Positioning Accuracy: +2mm, Tracking Rate: 3 m/s, Scan Rate: 6 ms, Compatibility: Windows® 7 to 10 Mac OS® X 10.12.1 or later Linux® Ubuntu 16.04 LTS Chromebook™

### **PEN**

Pens Included: x1, Pen Type: Battery-Less (not differentiated from touch), Pen Holder: Pen holder attached to Panel, Pen Tip Diameter: 8 mm

### **PACKED CONTENTS**

What should be in the box: ActivPanel i-Series x1, Pen x1, Remote control x1, AAA remote batteries x2, Power cable (3m/9.8ft. quantity is SKU dependent), HDMI cable x1 (3m/9.8 ft.), USB cable x1 (3m/9.8 ft.), Quick install guide x1, ClassFlow Desktop and ActivInspire Professional included

### **COMPLIANCE & CERTIFICATION**

Regulatory Certification: CE, FCC, IC, UL, CUL, CB

### **OPERATING SYSTEM**

Must be compatible with external PCs running Microsoft Windows (7 to 10); Mac OS 10.12.1 or later; Linux Ubuntu 16.04 LTS.

### **INTEL STICK/COMPUTER**

OSS: Windows 10, PROCESSOR: Intel Atom, WIFI: Intel Wireless 802/11ac, BLUETOOTH: 4.0, STORAGE: 32 GB on-board storage, RAM: 2GB DDR3 Memory, USB PORTS: 1 (3.0), 1(2.0), HDMI OUTPUT: Yes,

### **CONTENT**

Should Interactive Content of Lessons/ Subjects installed in Learning Management Software available for teacher's use both online and offline provided by PITB.

### **CLASSROOM MANAGEMENT SYSTEM SOFTWARE**

Required Software and Solutions: Must have teaching software named ActivInspire Registered version and Classroom Management System Software named ClassFlow with authorization certificate from parent firm to ensure support. The supplier must provide cloud-based teaching and learning software. This software:

- Must be accessible and fully compatible with Chrome and Safari browsers
- Must provide a repository of free teaching and learning resources of various file types including
  - Microsoft PowerPoint
  - SMART Notebook
  - Promethean ActivInspire

- Portable Document Format (PDF)
- Must provide a mechanism to import and convert external file types including:
  - Microsoft PowerPoint
  - SMART Notebook
  - ActivInspire
  - Portable Document Format (PDF)
- Must provide ability to create lessons and activities without need for internet connection.
- Must provide ability to deliver lesson content and run activities without need for internet connection.
- Must provide ability for teacher to store lesson resources on local PC and in the cloud.
- Must provide ability to deliver ad-hoc lessons via an instant whiteboarding application that supports:
  - Free-form handwriting with variable pen with and at least 8 colours
  - Recognition of handwriting and conversion to text
  - Direct text input
  - Addition of standard shapes (e.g. square, triangle, circle) and lines
  - Recognition of hand-drawn shapes and conversion to standard shapes
  - Addition of connectors between shapes
  - Recognition of mathematical symbols and equations and conversion to correct standard format
  - Standard on-screen mathematical tools such as ruler, protractor, set square and compass
  - Advanced on-screen interactive teaching tools such as spotlight and revealer
- Must provide ability to capture and annotate desktop applications using toolbox common with instant whiteboarding application
- Must provide the ability to record and save on-screen application use
  - Whole screen, window or area
  - Snapshot, video without audio, video with audio
- Must be able to create data-driven learning activities for use by students
  - Must include list matching, flash cards, sequencing and timeline activities
- Must provide facility to create predefined and ad-hoc classes
- Must provide facility for student accounts with appropriate security
- Must provide simple and secure method for students to join a lesson using portable, mobile or hand-held devices
- Must provide facility to share screen content with student devices
- Must provide facility to conduct formative assessment instant polls including:
  - Text response
  - Number response
  - Word seed response
  - Yes / No response
  - Creative response including photographs
  - Likert scale (preference) response
  - Multiple choice response
- Must provide facility for teacher to review and save poll responses
- Must provide facility to predefine and deliver planned assessments to students.
- Must support at least five question types supported by instant polling
- Must enable planned assessment responses to be marked automatically (unless flagged as manually marked or unmarked)
- Must enable incorrect responses to receive feedback or corrective suggestions
- Must provide facility to review and save planned assessment responses

- Must provide comprehensive help and support facilities for software including, but not limited to text, video, helpline and support forum
- Must provide automatic update facility for new releases of software.

### **ELIGIBILITY CRITERIA FOR TECHNICAL QUALIFICATION OF FIRMS**

The following is the eligibility Criteria for Evaluation of Proposals:

- 1) Education, Training and Management consultancy experience of minimum 15 years
- 2) Should have worked with International donors like UN, ADB, DfID, WB, and USAID etc. for a minimum of 06 years combined.
- 3) Should have worked with government line departments for a minimum of 10 Years Combined.
- 4) Should have an experience of minimum 5 Projects in Interactive E-Content for Classrooms in Public Sector.
- 5) Should have an experience of minimum 5 projects in ICT assisted Infrastructure sales and supply.
- 6) Should have an Interactive Learning Content development team consisting of education content specialists having minimum 3 years' experience.
- 7) Should have In-house Teachers Training Team having a minimum of 3 years' experience individually in teachers' trainings on Interactive Classrooms Solutions.
- 8) All the products required by the School Education Department Punjab in this tender must be provided on turnkey basis, partial bids will not be accepted.
- 9) Should have Authorization Certificate from the Manufacturer.
- 10) Should have an average annual turnover of more than 100 Million (for past three years).
- 11) Must be ISO Registered.
- 12) The firm should be registered with Income Tax and Sales Tax Departments (Registration Numbers should be clearly mentioned and valid documentary evidence be attached).
- 13) Documentary evidence of income tax and sales tax paid during the last three financial years.
- 14) The firm may not be black-listed by any of the Federal/Provincial Government in Pakistan.



**HEADMASTER**

**GOVT. CHISTIA SIRAJIA HIGH SCHOOL 174  
GB TESIL SAMUNDARI DISTT. FAISALABAD**