



कामेश्वरसिंह दरभंगा संस्कृत विश्वविद्यालय, कामेश्वरनगर, दरभंगा।

निविदा आमंत्रण सूचना

कामेश्वर सिंह दरभंगा संस्कृत विश्वविद्यालय दरभंगा में RUSA से प्राप्त अनुदान से उपकरणों के क्रय हेतु मुहर बन्द लिफाफे में दिनांक-04.12.20 को 04 बजे तक अद्योहस्ताक्षरी कार्यालय में निविदा आमंत्रित की जाती है एवं निविदा दिनांक-07.12.20 को खोला जाएगा। विश्वविद्यालय के वेबसाईट www.ksdsu.edu.in/home.htm पर निविदा के नियम एवं शर्तों की जानकारी प्राप्त की जा सकती है। उक्त सूचना को बिना कारण बताए किसी भी समय स्थगित/विखण्डित/अभिवृद्धि का पूर्ण अधिकार विश्वविद्यालय के पास सुरक्षित रहेगा।

कुलपति के आदेश से,

Sharma
25.11.20
कुलसचिव
Sharma
25/11/2020



566/20
26/11/2020

कामेश्वरसिंह दरभंगा संस्कृत विश्वविद्यालय, कामेश्वरनगर, दरभंगा।

कामेश्वर सिंह दरभंगा संस्कृत विश्वविद्यालय दरभंगा में RUSA से प्राप्त अनुदान से ~~के~~ क्रय हेतु आमंत्रित निविदा अनुसार नामावली एवं उपकरणों की संख्या :-

1.	A1 Size Overhead Book Scanner	1 Pc.
2.	High Power Server For Computer Centre	1 Pc.
3.	Computer	40 Pc.
4.	Smart Class Rooms	6 Pc.
5.	Projector for Conference Hall	1 Pc.
6.	Telescope	1 Pc.
7.	New Gym Equipment	
8.	Online UPS	2 Pc.

Signature
25.11.20
कुलसचिव
Signature

Financial Estimates

✓ 1.A1 Size Overhead Book Scanner.

Features:

Strong construction

Longer working life

Top performance

Easy paper scanning

Low power consumption



Flash semi-robotic with Manual or motorized glass plate A1 size overhead scanner

Flash Semi-robotic Standard Info

Book cradle O layout section: 610 mm x 916 mm

Scanning speed 0.3 s. 0.3 s. full format / maximal resolution



Cycle time 2.2 s. 2.2 s. scanning imaging saving

Optical book curve correction ✓ ✓

Mechanical spine exemption 10 cm width ✓ ✓

Mechanical spine exemption 25 cm width O O

LED illumination system ✓ ✓ UV and IR free

Dual LED system O O

Manual glass plate O linear actuator, adjustable pressure
sensitivity, integrated motion monitoring

Motorized glass plate ✓

Controller Module 1 ✓

Controller Module 2 ✓

Controller Module 3 ✓

Motorized height adjustment of the book table (25 cm) ✓ up

to 25 cm, PLC controlled spindle drive, lifts up to 180 kg

Motorized height adjustment of the book table (40 cm) O up

to 40 cm, PLC controlled spindle drive, lifts up to 180 kg

Manual book holding support O O

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2.High power Server



Features

Type of Product : Server
HPE ML350 Gen9 E5-2620v4 16GB SFF Svr Intel®
Processor : Xeon® E5-2620v4 (2.1GHz/8-core/20MB/85W)
STD Memory : 16 GB
Weight : 35 kg
Dimensions : 37 x 12.8 x 22 inches

Description

8 SFF(2.5inch) Hot Plug Drive
Open Bay
HPE Smart Array P440ar
2G Controller
HPE SATA 9.5 JB Optical HDWR
2 x HPE 800W FS Plat Ht Plg Pwr Supply Kit
HPE Embedded 1Gb E(thernet 4-port 331i Adapter
HPE iLO (Firmware HPE iLO4 2.0) 2GB NAND

Product Specifications

<u>Processor</u>	<u>HPE ML350 Gen9 E5-2620v4 16GB SFF Svr Intel® Xeon® E5-26</u> <u>(2.1GHz/8-core/20MB/85W)</u>
<u>STD Memory</u>	<u>16 GB</u>
<u>Weight</u>	<u>35 kg</u>
<u>Dimensions</u>	<u>37 x 12.8 x 22 inches</u>
<u>Part No.</u>	<u>859040-375</u>
<u>Model No</u>	<u>HPE Proliant ML350 G9 Server</u>
<u>Slot</u>	<u>24 DIMM Slots</u>
<u>Color</u>	<u>Black</u>
<u>Hard Drive Interface</u>	<u>Serial ATA 5400 RPM</u>
<u>Ram Type</u>	<u>DDR4</u>

3.COMPUTER



Specifications



Operating system Windows 10 Home Single Language 64

Processor family 7th Generation Intel® Core™ i5 processor

PROCESSOR

Processor type Intel Core i5

Processor speed 3 GHz

SOFTWARE

Operating system Windows 10 Home Single Language 64

GRAPHIC SUBSYSTEM

Graphics Intel HD

Graphics Intel® HD Graphics 630

Graphics Integrated

SOFTWARE AND APPLICATIONS

Pre-installed software CyberLink PowerDirector; CyberLink Power Media Player; Dropbox; Bing Search

CONNECTIVITY AND COMMUNICATIONS

Video connectors 1 VGA; 1 HDMI 1.4

Ports 1 USB 3.0; 1 USB 3.0 Type-C™

Network interface Integrated 10/100/1000 GbE LAN

Wireless 802.11b/g/n (1x1) and Bluetooth® 4.0 combo

DRIVES



Optical drive	DVD-Writer
Hard drive description	1 TB 7200 rpm SATA
Storage type	HDD

MEMORY

Memory, standard	4 GB DDR4-2400 SDRAM (1 x 4 GB)
Memory slots	2 DIMM

WARRANTY

Warranty	1-year limited parts, labour and on-site service, technical phone support for the first 30 days
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MULTIMEDIA AND INPUT DEVICES

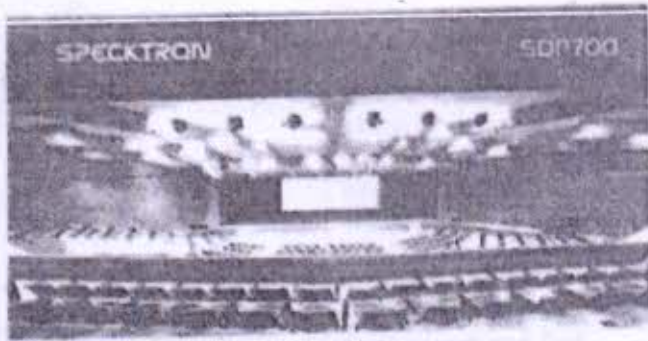
Keyboard	HP USB Wired Keyboard with volume control
Audio features	HP Audio
Pointing device	HP USB Wired Optical Mouse

BATTERY AND POWER

Power supply type	180 W active PFC power supply
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4.SMART CLASS ROOM





Objective: Smart Classroom is technology enhanced classrooms opportunities for teaching and learning by integrating learning technology, such as computers, specialized software, audience response technology, assistive listening devices, networking, and audio/visual capabilities.

Title: Supply, Installation, Commissioning of equipment for smart class Estimated Cost:

Specifications of equipment for smart class room

S.No.	Item Name	Specification and feature
A	Integrated digital Podium with Audio System	<p>Touch Technology 19" hand-touch led screen technology based on Digitizer technology.</p> <p>Power Consumption Up to 320W</p> <p>Software Specification Egalaxy</p> <p>Hand and pen software to create applications.</p> <p>Supported operating system Windows XP, Vista, Window 7 and latest.</p> <p>Other</p> <ul style="list-style-type: none"> • Administrator privileges • Internet access • Up-to-date antivirus utility licensed for minimum one year. <p>19"LED Tablet Monitor</p> <p>Resolution 1440 x 900</p> <p>View Area 408.24 mm x 255.15mm</p> <p>Luminance White 250</p> <p>Contrast Ratio 1000:1</p> <p>Viewing Angle 160° (H/V)</p> <p>Lamp Life Time 20,000 Hrs (min)</p> <p>Tablet Technology Infrared induction</p> <p>Position Report Rate 138pps</p>

Pressure Resolution 1024 Level

BODY

Material wooden and 1.5mm stainless steel

Sliding cover Opening/Closing the cover easily

Soft wheels Moving podium with convenience

Adjusting Monitor Angle system (Actuator) User can set monitor angle as user's want

Wireless Microphone

Frequency ranges 174.0MHz - 270.0MHz

Type Hand and Belt

Simultaneous Channels 32CH

Oscillation mode PLL synthesized

Frequency stability $\pm 0.005\%$ (-10~50°C)

Frequency response 40Hz ~ 18KHz

THD (1KHz) <0.5%

Signal to Noise ratio >90dB

Power consumption 24W

Gooseneck Microphone

Polar Pattern Cardioids

Frequency Response 60Hz ~ 18KHz

Sensitivity (0dB=1V/1Pa, 1KHz) -38dB (± 2 dB)

Output Impedance 2000 ohm Balanced

Laptop Interface Modules VGA x1 / Tablet USB x1 / USB x2 /

Sound In x1 Power x1

Visualisor:-

Camera/Pick-up Device: 5 Mega Pixel 1/4" CMOS

Effective Pixels : 1920 (H) x 1080 (V)

Frame Rate: 30 Frames (Max.)

Focus : Auto/Manual

Image Effects: color/b&w/negative/mirror/freeze

Zoom: 32Xtotal zoom (2XAver ZoomTM +16XDigital Zoom)

Lamp : Top Light : embedded LED Lamp

Image Capture : Internal Storage - 240 images (Max.) & External Storage - SDHC (32 GB Max.)

Timer: Yes.

Display Mode:- Sharp/Graphic/Motion/microscope.

Capture Mode:- Single/Continuous.

Recording : Yes (To SDHC Card)

TV Lines : 1000 (Max.) TV Lines

Image Rotation: 0, 90, 180, 270 degree

Image Split : Yes (Verticle/Horizontal)

Focusing and white Balance: Auto / Manual

Video Recording with sound: Yes

Recording : Recording with Sound-Yes (on SD card / Pen Drive / Built-in Memory of Visualizer)

HDMI Input/Output : 1 in, 1 out (pass through)

RGB Input/Output : 1 in, 1 out (15-pins D-Sub, pass through)

Mini USB 2.0 port . yes (PC Camera/ built in image download)

Weight 2.44kg

Dimension (WXHXD): Operating - 200X525X380mm & Folded - 230X73X305mm

OS Compatibility . Windows OS - Windows 7 (32/64-bit)

Windows 8 (32/64-bit)

		<p>Mac OS : Mac OSxv10.7Lion, Mac OSxv10.8Mountain Lion, Mac OSxv10.9Mavericks. Warranty: Minimum 3 years Comprehensive warranty for Parts and labor on site</p>
B	Central Control System	<p>Easy controlling of projector ON/OFF, Motorized Screen UP / Down, switching between PC / Laptops / Visual Presenter, Volume Control with other standard control Front Panel should have: -220 Volt Power plug sockets for laptops or other devices -VGA Port x 1, 3.5 mm Audio Input x 1 -Standard Network port x 1 -USB Ports for connecting pen drives / USB based Hard Disk Drive -Ports for 6.35 mm Microphone Input -2 x 2 VGA matrix, RS 232 x 1 projector control -2 Video In and 2 Video Out -Accessories/cable: As required for integration of devices Warranty: Minimum 3 years Comprehensive warranty for Parts and labor on site</p>
C	Ultra Short Throw LCD Projector	<p>Ultra-Short Throw Projector <i>Need Revision (Suggested Model Epson EB 385w - Sony VPL SX216)</i></p> <p><i>Specification:</i> -Native Resolution: 1280 x 800 x 3 (WXGA) or better -Native Aspect Ratio: 16:10 -Brightness: 3300 lumens or higher -Contrast Ratio: 10000:1 or better -Projection Ratio 0.27:1 Zoom Digital, Factor: 1 - 1.35 Lens Optical</p> <p>-Image Size 60 inches - 100 inches Projection Distance Wide 0.4 m (60 inch screen) Projection Distance Tele 0.6 m (100 inch screen) Projection Lens F Number 1.8 Focal Distance 3.71 mm; Lamp 245 W, 4,000 h durability, 6,000 h durability (economy mode) -Keystone Correction: Manual vertical: $\pm 3^\circ$, Manual horizontal $\pm 3^\circ$ -Color Reproduction: Full color (16.77 million colors) -Power Source: AC100-240V, 50/60Hz -Power Consumption: 358 Watt, 270 Watt (economy), 0.33 Watt (standby)</p> <p><i>Terminal connectivity:</i> -S-Video in, RS-232C, MHL, Wired Network, Microphone input, VGA in (2x), Stereo mini jack audio out, USB 2.0 Type A, Wireless LAN IEEE 802.11b/g/n (optional), VGA out, Stereo mini jack audio in (3x), HDMI in (2x), USB 2.0 Type B</p> <p>-Includes software EasyMP Monitor, EasyMP Multi PC Projection, EasyMP Network Projection</p> <p>-Projector Cable, mount kit and accessories: As per requirement of setup. Included Accessories: Wireless remote control, Wireless adapter, RGB cable, AC Power Cord, Cable Cover and Setup Manual</p>

		<i>Warranty: Minimum 2 years Comprehensive warranty for Parts and labor on site</i>
D	Interactive Whiteboard System	<p>Technology Optical Sensing Touch Technology Screen Size: 82" diagonal Overall size 1672X1254 Active area 1622 X 1169 (Diagonal: 78 7") Mode of Operation : Finger / dummy pen operations with multi touch capability Frame: Aluminum alloy anodized Connection: USB Port 2.0 or higher Power : through USB Precision Touch Accuracy : 0.05mm Caliberation : 4, 9 or 20 points Tracking speed : <8ms Operating system: Windows XP/2003/Vista/7/8, Ubuntu/Linkat/Debian, Mac Accessories: Pointer, USB Cable, Wall mount brackets and other required fitting. Installation: Wall Mount</p> <p>Software Feature: Should be able to Annotate on Blank and Power Point application with other application of Windows too Should have the recording feature of text, audio playing back.</p> <p><i>Warranty: Minimum 2 years Comprehensive warranty for Parts and labor on site</i></p>
E	Desktop Computer	Specification attached in annexure -A1
F	System integration	Integration of equipment for smart class room solution
G	Power Backup	In-built branded 1 KVA online UPS with 60 minutes battery backup for smart class room setup
H	Warranty	<i>Warranty: Minimum 1 years Comprehensive warranty for Parts and labor on site</i>

5. PROJECTOR FOR CONFERENCE HALL

EPSON'S BROADLINE PROJECTOR RANGE
EB-L1400U / L1500U

EPSON
DRIVER YOUR WORK



Experience extraordinary image quality
with unparalleled convenience.

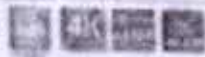


EB-L1400U / L1500U



EPSON PROJECTOR RANGE
EB-L1400U / L1500U

EPSON PROJECTOR RANGE
EB-L1400U / L1500U



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MODEL NUMBER	EB-L1400U	EB-L1500U
Projection Technology	LCD Color / DLP (Digital Light Processing) System (DLP)	
Specifications of Main Parts	LCD with panel 0.55"	
LCD	0.55" (width) 0.55"	0.55" (width) 0.55"
Projection Lens	Date: 02.06.14 Native Resolution: 1024x768 Support: 4K (up to 3840x2160) Type: Projector / Zoom / Projector / Projector Features: 1.1 - 2.3 Focal Length: 24.00" - 28.00" (610 - 712 mm) Zoom Ratio: 1.10 Throw Ratio: 1.40 - 2.32 (Wide - Long) Lens Shift: Manual Vertical Shift: 0.75" (19.3 mm) Horizontal Shift: 0.75" (19.3 mm)	1.1 - 2.5 26.00" - 32.00" (660 - 813 mm) 1.10 1.52 - 2.50 (Wide - Long) Manual 0.75" (19.3 mm) 0.75" (19.3 mm)
Low Light Source	30,000 Hours Durability (Normal), 50,000 Hours Durability (Extended)	
Screen Size (Projected Distance)	Zoom: Wide: 30" - 300" (762 mm - 7620 mm) Zoom: Top: 30" - 300" (762 mm - 7620 mm) Standard: 30" - 300" (762 mm - 7620 mm)	30" - 300" (762 mm - 7620 mm) 30" - 300" (762 mm - 7620 mm) 30" - 300" (762 mm - 7620 mm)
Brightness*	White Light Output: 8,000 lm / 7,000 lm Color Light Output: 8,000 lm	12,000 lm / 8,000 lm 12,000 lm
Contrast Ratio	2,000:1	
Geometric Correction	Keystone Correction: Vertical / Horizontal 4-Point Correction / Curved Surface: Yes 4-Point Correction / Corner Wall: Yes	
Connectivity	Analog Input: S-Video: 1 D-sub 15pin: 1 Digital Input: HDMI: 1 iChromat: 1 DVI-D: 1 SDI: 0 (N/A) Output Terminal: D-sub 15pin: 1 Audio Input: Stereo Mini: 2 Audio Output: Stereo Mini Jack: 1 USB Interface: USB Type A: 1 (for Wireless LAN, Firmware update, Copy OSD Settings) USB Type B: 1 (for Firmware update, Copy OSD Settings) Control: IR: 2-Step: 1 Remote Control: 1 Stereo mini jack: 1 Network: Wired LAN: RJ-45 Wireless: Optional LAN: USB Type A (for ELPW10, Optional) Multi-PC Projection: Yes	
Operating Temperature	0°C - 40°C / 32°F - 104°F (5 m / 0 ft - 1,600 m / 4,921 ft)	
Operating Altitude	0 m - 3,048 m (0 ft - 10,000 ft) (Over 1,500 m / 4,921 ft - with High Altitude mode)	
Standby Power On / Off	Yes	
Start-Up Period	Less than 7 seconds, Warm-up period: 30 seconds	
Cool-Down Period	Instant Off or 3 seconds	
Power Supply Voltage	100 V - 240 V AC ±10%, 50 / 60 Hz	
Power Consumption (200 V - 240 V)	On / Normal / Eco: 605 W / 417 W 900 W / 597 W Standby / Energy Saving: 2.4 W / 0.25 W 2.3 W / 0.31 W	
Dimension Excluding Feet (W X H X D)	566 mm x 145 mm x 416 mm	
Weight (Without Lens)	Approx. 11.5 kg	
Fan Noise (Normal / Eco)	36 dB / 29 dB 37 dB / 30 dB	
Air Filter	20,000 hours*	
Warranty	3 years	

Supplied Accessories

- Power Cable (1.8m)
- Computer Cable (VGA Cable) (1.8m)
- Remote Control
- Cable Cover
- Quick Reference Guidebook (CD-ROM)
- Quick Start 1 for HDMI Cable
- User Manual (1)
- Battery (1)

Optional Accessories

- Speaker (1) (S-1)
- Ac Filter (S-1)
- Wireless LAN (S-1) (W-1)
- Quick Reference Guidebook (CD-ROM) (S-1)
- Remote Control (S-1) (R-1) (R-2) (R-3)
- RF Modem (S-1) (M-1)
- Receiver (S-1) (R-1)
- Power (S-1) (P-1)
- Cable Cover (S-1) (C-1) (C-2)

Optional Lens (New)

EB-L1400U	EB-L1500U
ELPLA01	ELPLA01
ELPLA06	ELPLA06
ELPLA08	ELPLA08
ELPLA09	ELPLA09
ELPLA10	ELPLA10
ELPLA11	ELPLA11
ELPLA05	ELPLA05

EB-L1400U / L1500U



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* Lamp life will vary depending upon usage, ambient light conditions, and usage. Lamp brightness decreases over time.

* Color brightness, white light output and other specifications within light output will vary depending on usage conditions. Color light output measured in accordance with ANSI 28.4.

* Maximum lamp life may be achieved when used with same manufacturer's color ink. Energy saving mode, features and performance may vary depending on your computer system. See manual for details.

* 20,000 hours is the general life expectancy of the lamp. It does not mean that the lamp will last for 20,000 hours. Please refer to the Epson website for details.

* Replacement lamp is necessary for Epson projector. Please refer to the Epson website for details. Lamp cannot be used for 1 year or 1,000 hours or more after 1 year or 1,000 hours.

* The actual weight of the projector may vary due to the configuration of the projector. Please refer to the Epson website for details.

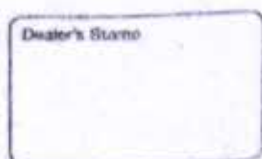
* The actual weight of the projector may vary due to the configuration of the projector. Please refer to the Epson website for details.

EPSON INDIA PVT. LTD.
 17th Floor, The Malini, Tower A, No. 1,
 Murphy Road, Malviya Nagar, Bangalore - 560 035
 Tel: 080-30515000 Fax: 080-30515005

Regional Offices:
 Ahmedabad - 2010 717077, Chennai - 3067 7500, Cochin - 4012 315,
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Epson Helpline: For product info or service - 1800 425 0011
 For service - 1800 3000 1000 (9AM - 6PM Mon - Sat)
 Email: epsonindia@epson.com

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6. TELESCOPE

20" Star Gate Truss Tube:
Description
Star Gate 20" Truss tube
1.25" Moon filter
1.25" Super Plossl 40mm
1.25" Wide angle 6mm
2x ED barlow 2"
Collimator for Newtonian 1.25"
Green laser pointer (Zap gun)

This product Includes,

508mm aperture full length optical tube with
2000mm focal length,

- 2" Eyepiece LE28mm
- 1.25" Super Plossl Eyepiece: SP10mm
- 1.25" Collimating Eyepiece
- 2" Eyepiece Adapter
- 1.25" Eyepiece Adapter
- 2" Dual speed crayford focuser
- 9x50 Finder Scope with bracket
- 3x counter weight
- Grease pot, light shield, cover



