

TECHNICAL SPECIFICATIONS

1. 8th Gen NUC Core i7 Mini PC (Core i7 NUC8i7BEH + 16GB DDR4 + 250GB SSD) - 1 no.

Brand Intel / Equivalent

Manufacturer Intel /Equivalent

Form Factor Small Form Factor

Product Dimensions 11.7 x 11.2 x 5.1 cm; 1.3 Kilograms

Processor Brand Intel

Processor Type **Core i7**

Processor Speed 2.3 GHz

Processor Count 1

Memory Technology DDR4

Computer Memory Type DDR4 SDRAM

Maximum Memory Supported **16 GB**

Hard Drive Size **250 GB**

Hard Disk Description SSD

Hard Drive Interface Solid State

Graphics Coprocessor Intel Iris plus Graphics 655

Graphics Card Interface Integrated

Connectivity Type **Bluetooth, WI FI**

Wireless Type 802.11n, 802.11b, 802.11a, 802.11g

Number of USB 2.0 Ports 4

Voltage of operation 220-230Volts

Item Weight 1 kg 300 g

Display Port: **One HDMI and Other C-Type/ Mini DP/Mini HDMI/HDMI**

Operation System to be provided With: **Windows 10 Professional**

Warranty :**3 Years Onsite Warranty at SRSC, Kottayam, Kerala should be provided**

2. Web Camera - 2 nos.

Annexure F

Resolution and Frame Rate 1080p at up to 30 fps

Make: Preferably Logitech C-930 e or equivalent

Sensor CMOS

Field of View 90°

Zoom 4x (Digital)

Focus Type Auto

Host Connection USB Type-A - USB 2.0

Power Source Bus Powered

Low-Light Correction Yes

Supported Operating Systems Windows 7 or Later

Lens Material Glass

Attachment Method Clip, Tripod

Warranty: Standard Warranty provided by OEM to be mentioned by the bidder in the bid.

3. Projector – 1no.

Light Source	Projectors with Laser Light Source up to
Lamp Life	20,000 hours
Throw Ratio	0.7 to 1 (Normal Trough)
Display Resolution WXGA	1920*1080 (Full HD)HD widescreen resolution
Cable Support	HDMI
Lens Position	Middle of the Projector
Mounting Position	Vertical
Colour Light Output	4500lm or more
Height	less than 18 inch
Warranty should be provided.	1year Onsite warranty at SRSC, Kottayam, Kerala
Lens adjustment	Yes (Manual or Automatic)
Weight	Not more than 12Kg
Projector Mount	Yes
OS support	Windows 10
Installation and Support	Product needs to be supplied at ncsm Kolkata but the installation of the product has to be on Kottayam, Kerala. There has to be some local support.
Reliability of Manufacturer	8 Years of Continuous Business in India
Special Condition	No Pixilation for use from a distance of 7feet between projector and screen with true color depth
Screen Width	8ft
Power supply	220-230V 50Hz
Color Wheel 4 segment RGBY	
Native Resolution 1080p	
Maximum Resolution HDMI 2.0: 4K UHD (3840 x 2160 @ 60Hz)	
4K (4096 x 2160, 60Hz)	
HDMI 1.4: WUXGA (1920 x 1200)	

Annexure F

Brightness 4,500 ANSI lumens

Contrast Ratio 300,000:1 (Extreme Black enabled) 1,800:1 full on/full off

Displayable Colors 1.07 billion

Lamp Life* Up to 30,000 hrs (Eco), 20,000 hrs (Normal)

Light Source Type* DuraCore laser

Keystone Correction Auto keystone, $\pm 30^\circ$ horizontal and vertical

Geometry Four corner adjustment

Lens Shift 16% vertical

Aspect Ratio 16:9 (native), 4:3, LBX, auto compatible

Throw Ratio 1.4-2.24:1 $\pm 5\%$

Projection Distance 2.6' - 44.1' (without zoom)

Image Size 32" – 301.1"

Projection Lens f=20.9~32.6mm

Optical Zoom 1.6x

Audio 2 x 15W (stereo)

Power Consumption Bright: 277W max

Eco: 212W max, 143W typical