



Ministry of Culture
Government of India



National Council of Science Museums

33 Block GN, Saltlake Sector V

Bidhannagar, Kolkata 700 091

I-18012/7/22(393)

Technical Specification

1) SPECIFICATIONS OF TELESCOPE

Supply, Installation, Testing and Commissioning of Optical Telescope at National Council of Science Museums, Kolkata as per below mentioned specifications:

Make: Celestron/Meade/ Sky-Watcher/Unistellar or equivalent

Telescope Aperture: 10” (250 cm) – Electronic Telescope with GPS, GoTo Pointing not less than 145,000 celestial objects with automatic Starlock guiding system

Included Standard Accessories: f/8 Optical Tube offering 2032mm Focal Length and it’s

Dust Cap

Low-expansion borosilicate primary mirror. Advance Coma-free optics `

8x50 Viewfinder with Bracket - 26mm Eyepiece – 1.25” Diagonal Mirror Eyepiece Holder for

1.25” - Starlock Guiding equipment

Field Tripod with support triangle

12V DC Universal Power Adapter

Equatorial Wedge

Deep sky Imager for Astrophotography

Crayford Focuser

Warranty: *Manufacturer’s standard On-site Warranty minimum one year to be provided at Kolkata and Patna (Bihar) from the date of SITC of the same at Kolkata as the Telescope will be finally installed at IGSC Planetarium, Patna (Bihar). Details of infrastructure for after sales support is to be furnished clearly. The Agency shall be responsible for all defects of materials including defective workmanship, use of defective materials etc. for the entire warranty period.*

Make & Model offered:

(To be filled by bidder)

Dated

Official Seal

Signature of the Tenderer/Constituted Attorney

2) SPECIFICATIIONS OF LAPTOP COMPUTER

Laptop Computer

- 1 Set

Detailed Specification:

Processor: 11th /12th Generation Intel Core i5 Processor or better (At least 12 MB L3 cache, 10 cores, 12 threads)

SSD: 512 GB

RAM: 8 GB Minimum DDR4 3200 MHz Memory with 2 DIMM slots both upgradable up to 16 GB

Screen: 15.6" Full HD (1920 x 1080) LCD with LED backlit

Communication & I/O Ports: Minimum 2 USB 3.0, 1 USB 2.0, HDMI 1.4b. Network connector (RJ-45, 10/100/1000), Headset, Microphone, Docking Port, Security lock slots. 1 multi-format SD media card reader.

Keyboard & Mouse: Full size spill-resistant Keyboards with Integrated Touchpad.

Camera: Integrated HD Webcam, Microphone

Graphics Card: 2 GB minimum

Sound card: Intel High Definition Audio with Stereo Integrated Speakers

Battery Type: Integrated Lithium Ion (At least 3-cell, 40 Wh), battery life around 10 Hours.

Wireless & Bluetooth: Integrated wireless supporting WiFi and Bluetooth

Power: External minimum 65W or higher AC adapter of OEM make

OS/Media: Original Windows 10/11 with all drivers. Systems Hardware drivers should be available in OEM website against the offered model.

Carrying Case: Standard Good Quality Carrying Case (Standard or Backpack)

Additional Accessories: 1 TB External SSD Drive (Portable Type with USB connectivity)

Warranty: Minimum 1 Years standard onsite warranty (labour & parts)

Make & Model offered:

(To be filled by bidder)

Dated

Official Seal

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