



GOVERNMENT GENERAL DEGREE COLLEGE, RANIBANDH
Office of the Principal

Vill + P.O. : Rautara *P.S. : Barikul *Dist. : Bankura *Pin Code: 722135* West Bengal* India

Ph. : +917872790264 e-mail : govtgencol.ranibandh@gmail.com Website : ranibandhgovtcollege.org

Ref. No. RGC/24-25/ETEN/NIT/GEN/01

Date: 16.06.2024

E-TENDER NOTICE

Quotations are invited by the Office of The Principal, Government General Degree College at Ranibandh, VPO-Rautara, P.S.-Barikul, Block-Ranibandh, Dist.-Bankura, W.B.-722135 from reputed firms/ suppliers for supply of the following category of General Science Laboratory item through www.wbtenders.gov.in adhering to the guidelines of e-tendering. Payment of Rs. 10,000.00 as **Earnest Money Deposit (EMD)** will be through Online Payment Mode either through NEFT/RTGS OR NET BANKING as per Finance order No 3975F(y) Dated: 28/07/2016.

ASTRONOMICAL TELESCOPE WITH DIGITAL RECORDING FACILITY (EUROPE/USA)

Detailed specifications for which quotations are to be submitted are provided in **Annexure-I**. The following must be adhered to while submission of quotations:

- Quotations must be submitted in self-made format in original in official pad of the company along with detailed specifications of item along with all relevant information, including terms and conditions (if any) and mentioning all levies, installation charges, service charges, GST and other taxes, etc., and any other charges thereon.
- Quotations must be submitted through www.wbtenders.gov.in adhering to the guidelines of e-tendering.
- Quotations and all bills must be addressed to “The Officer-in-Charge, Government General Degree College at Ranibandh”



GOVERNMENT GENERAL DEGREE COLLEGE, RANIBANDH
Office of the Principal

Vill + P.O. : Rautara *P.S. : Barikul *Dist. : Bankura *Pin Code: 722135* West Bengal* India

Ph. : +917872790264 e-mail : govtencol.ranibandh@gmail.com Website : ranibandhgovtcollege.org

Ref. No. RGC/24-25/ETEN/NIT/GEN/01

Date: 16.06.2024

- (d) All legal documents including necessary governmental/municipal approval, permissions and certificates must be uploaded.
- (e) Quotation documents are non-returnable.
- (f) GST TDS will be deducted as per Government rules.
- (g) The quantity of each item to be procured shall be decided by the college authority subject to approval and availability of funds from the Department of Higher Education, Science & Technology and Biotechnology of Govt. of West Bengal.
- (h) All quotations shall remain valid up to 31st March 2025.

The last date for submission of quotations through www.wbtenders.gov.in shall be 24/06/2024 up to 5:00 p.m., and quotations shall be opened on 26/06/2024 at 5:00 p.m.

The Principal/Officer-in-Charge, Government General Degree College at Ranibandh, reserves the right to accept or reject any or all of the quotations without assigning any reasons thereof.

Officer-in-Charge
Government General Degree College at Ranibandh

MADHUSUDAN GARAIN
W.B.E.S.
Officer-in-Charge
Govt. General Degree College
Ranibandh, V.P.O.- Rautara
Bankura - 722135, (W.B.)



GOVERNMENT GENERAL DEGREE COLLEGE, RANIBANDH
Office of the Principal

Vill + P.O. : Rautara *P.S. : Barikul *Dist : Bankura *Pin Code: 722135* West Bengal* India

Ph. : +917872790264 ■ e-mail : govtencol.ranibandh@gmail.com ■ Website : ranibandhgovtcollege.org

Annexure-1

ASTRONOMICAL TELESCOPE WITH DIGITAL RECORDING FACILITY
(9.25 Computerized Telescope)

Specifications:

Optical Tube Info:

- Optical Design: Schmidt-Cassegrain
- Aperture: 235mm (9.25")
- Focal Length: 2350mm (93")
- Focal Ratio: f/10
- Focal Length of Eyepiece 1: 40mm (1.57")
- Magnification of Eyepiece 1: 59x
- Focal Length of Eyepiece 2: 13mm (.51")
- Magnification of Eyepiece 2: 180x
- Finderscope: Red Dot Finderscope
- Star Diagonal: 1.25" Star Diagonal
- Optical Tube: Aluminum
- Highest Useful Magnification: 555x
- Lowest Useful Magnification: 34x
- Limiting Stellar Magnitude: 14.4
- Resolution (Rayleigh): 0.59 arc seconds
- Resolution (Dawes): 0.49 arc seconds
- Light Gathering Power (Compared to human eye): 1127x
- Secondary Mirror Obstruction: 85mm (3.35")
- Secondary Mirror Obstruction by Diameter: 36%
- Secondary Mirror Obstruction by Area: 13%
- Optical Coatings: StarBright XLT
- Optical Tube Length: 559mm (22")
- Optical Tube Diameter: 271.78mm (10.7")
- Optical Tube Weight: 20 lbs (9.07 kg)
- Dovetail: CG-5 Dovetail bar



GOVERNMENT GENERAL DEGREE COLLEGE, RANIBANDH

Office of the Principal

Vill + P.O. : Rautara *P.S. : Barikul *Dist. : Bankura *Pin Code: 722135* West Bengal* India

Ph. : +917872790264 ■ e-mail : govtgencol.ranibandh@gmail.com ■ Website : ranibandhgovtcollege.org

Mount Info:

- Mount Type: Computerized Altitude-Azimuth Single Fork Arm
- Instrument load capacity: 25 lbs (11 kg)
- Height adjustment range (includes mount and tripod): 1244.6mm – 1651mm (49" – 65")
- Tripod Leg Diameter: 50.8mm (2") Stainless Steel
- Mount Head Weight: 16 lbs (7 kg)
- Accessory Tray: Yes
- Tripod Weight: 26.6 lbs (12.06 kg)
- Slew Speeds: 9 slew speeds – max speed 4°/second
- Tracking Rates: Sidereal, Solar and Lunar
- Tracking Modes: Alt-Az, EQ North and EQ South
- GPS: N/A
- Dovetail Compatibility: CG-5 saddle plate
- Number of Auxiliary Ports: 4 AUX Ports (Hand Control can use any of the AUX Ports)
- Autoguide Port: No
- USB Port: Yes, Hand Control input and Mount output
- Power Requirements: Internal 9 6V, 4 5Ah lithium iron phosphate battery (LiFePO4)
- Motor Drive: DC servo motors
- Alignment Procedures: SkyAlign, 1-Star Align, 2-Star Align, Auto 2-Star Align, Solar System Align, Quick-Align, Last Alignment, EQ North / EQ South Alignment (EQ align requires an equatorial wedge)
- Periodic Error Correction: No
- Computerized Hand Control: 2 line x 18 character backlit Liquid Crystal Display, 19 LED backlit buttons, USB 2.0 Port for PC connection
- NexStar+ Database: Over 40,000 including 220 of the best deep sky and solar system objects
- Software: Celestron Starry Night Special Edition Software | SkyPortal App
- Total Kit Weight: 62.6 lbs (28.4 kg)

Included Items

Optical tube | Single Fork Arm Mount and Tripod | Accessory Tray | Built-in Wifi | Integrated Lithium-iron battery
NexStar+ Hand Control | 40mm and 13mm eyepiece | Red dot finderscope | Visual Back | Star Diagonal | 4 plug AC
adapter



GOVERNMENT GENERAL DEGREE COLLEGE, RANIBANDH
Office of the Principal

Vill + P.O. : Rautara *P.S. : Barikul *Dist. : Bankura *Pin Code: 722135* West Bengal* India

Ph. : +917872790264 ■ e-mail : govtgencol.ranibandh@gmail.com ■ Website : ranibandhgovtcollege.org

Accessories to be supplied with this item

- [1.25" 2X Achromatic Barlow](#) – To get more magnification while observing your favorite planet
- [Universal Smartphone Adapter](#) – To capture pictures of Moon and planets right in your smartphone immediately as you observe it.
- [T-Ring \(Canon\)](#) – To capture photos with your Canon EOS DSLR using Telescope tube as high focal length lens for camera.
- [T-Ring \(Nikon\)](#) – To capture photos with your NIKON DSLR using Telescope tube as high focal length lens for camera.
- [1.25" T-Mount/Adapter](#) – To attached any DSLR directly in the eyepiece barrel when using in combination with DSLR TRing.
- [Customized Telescope Padded bag](#): Designed to keep your Telescope safe from sudden damages to optics and body, safe of dust and dirt, easy carrying solution.

Officer-in-Charge
Government General Degree College at Ranibandh

MADHUSUDAN GARAIN
W.B.E.S.
Officer-in-Charge
Govt. General Degree College
Ranibandh, VPO.- Rautara
Bankura - 722135, (W.B.)