

YOGI VEMANA UNIVERSITY :: KADAPA

REGISTRAR



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To

Date: 04-03-2015

The FIRMS,

Quotations in sealed cover are invited for the supply of **PENTAX TOTAL STATION MODEL R-205 NE IN STRONG CARRYING CASE** with the following specifications:

SPECIFICATIONS:

With the following accessories

- One Data Transfer Software CD
- Two batteries
- One Mini Prism
- One Charger
- One Tommy Pin,
- One Screw-driver,
- One Rain Cover,
- One Wooden Stand
- One CD containing Instruction Manual
- One Pentax Single Prism Assembly comprising of One Prism, One Holder & One Target Plate.
- One Pentax Range Pole with Graduations & Bubble 2 mtr. x 2 section, telescopic

Two side display, Detachable Tribrach.

Having following features :-

- Date and time recorded while modifying or creating a file.
- Fast Measurement in quick mode less than equal to 1.5 sec. With fast saving time.
- Visible Laser Pointer.
- Graph of entire survey displayed on screen of Total Station with Zoom & Pan facility.
- Single axis Compensator
- On Board pre-loaded graphical software Power TopoLite including Area, Perimeter, Volume Cut/Fill)
- **20000 points on board memory.**
- **Range under Normal Conditions :- Single Prism : 3000m**
- **Can measure distance without reflector upto 350mtrs to 90% reflective object (in good condition)**
- **Angle Least Count : 1"**
- **angle Accuracy 5"**
- **Incorporating latest technology of absolute encoders**
- Distance Accuracy in prism mode : $\pm(2\text{mm}+2\text{ppm}\times D)\text{mm}$
- Distance Accuracy in reflectorless mode Upto 300mtrs $\pm (5\text{mm} + 2\text{ppm} \times D)\text{mm}$
- Large LCD display screen, 8 lines 30 characters

- Battery 15hours in ETH mode/ 7hours in ETH & EDM Mode.
- Alpha Numeric Keyboard (Two sides)
- Laser Plummet in alidade rotating through 360°.
- Plate Level 30" sensitivity.
- one circular bubble in tribrach Charger with discharge function

Interested firms are requested to send their quotations by **Speed/Registered/Courier/Drop in Box at Y.V.U.** to "The Registrar, Yogi Vemana University, Kadapa – 516 003 should be reach on or before **14th March, 2015 at 5.00PM**. The envelope should be super scribed as

"YVU/UGS XII/QUOTATIONS/ PENTAX TOTAL STATION MODEL R-205 NE IN STRONG CARRYING CASE /2014", Last Date: 14-03-2015

Sd/- REGISTRAR

Copy to the

1. Co-ordinator, Web Committee, Yogi Vemana University, Kadapa for information and necessary action.
2. Vice-Chancellor, Yogi Vemana University, Kadapa for information.