

No.A2/1044/2014/MEC

dated 29.10.2014

TENDER NOTICE

Sealed tenders in the prescribed format invited for the following under MODROBS project of Biomedical Department

Tender No :17/2014-15 dt 28.10.2014

Biosignal data acquisition system.

Date & Time of Reciept of Tender: 28/11/2014 11 AM

Last date of sale of tender form: 27/11/2014 4 PM

Cost of Tender form : Original :1500

Duplicate:800

VAT @ 5% Extra

Tender form and details can be had from Model Engineering College, Thrikkakara, Cochin-21. EMD 1% of total cost quoted. Mode of remittance by Cash at College Office. For tender form by post remit Rs.50/- extra as postal charges. Agreement in stamp paper to accompany tender. Detailed specification given below.

Sd/-
PRINCIPAL

Tender No.17/2014-15/MEC

Technical specifications of Biosignal data acquisition system

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|-----|-------------------------|---|
| 1. | No. of channels: | Four |
| 2. | Sample rate : | Max : 4 CH @ 100K s/second , Min : 1 sample/second |
| 3. | Measurement parameters: | ECG, EEG, EMG, EOG |
| 4. | A/D converter: | 24-bit resolution |
| 5. | D/A converter: | 16-bit resolution |
| 6. | Amplifiers: | Four built-in universal amplifiers to record a wide range of physiological signals. |
| 7. | CMRR: | 110 dB minimum at 50/60 Hz |
| 8. | Interfacing: | USB, Type 2.0 high speed |
| 9. | Software: | For acquisition and analysis with inbuilt analysis features like to Detect and Classify Heartbeats , Locate ECG Complex Boundaries , Heart Rate Variability, Electrodermal Activity analysis, EEG analysis, EMG analysis, Hemodynamic Analysis, Impedance Cardiography Analysis |
| 10. | Provisions for: | Separate channel electrode impedance checker or impedance measurement for EEG. Headphone output |
| 11. | Power supply: | 220V AC mains @ 50Hz |