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OFFICE OF THE PRINCIPAL
ASKA SCIENCE COLLEGE, ASKA

(Accredited B++ by NAAC)
P. O. NUAGAM – 761111, ASKA
DIST. GANJAM, ODISHA

Notice No. 330/2024

Date. 06.02.2024

QUOTATION CALL NOTICE

Sealed quotations are invited from reputed and registered firms for purchasing a Cathod Ray Oscilloscope (CRO) for Department of Physics with following specifications

1. VERTICAL DEFLECTION SYSTEM

Deflection Factor	5mV ~5V/div \pm 5%
Variable Ratio	³ 2.5:1
Frequency Bandwidth (–3dB)	DC 0~20MHz AC 10Hz ~20MHz
Input Impedance 1MW 25pF	
Max Input Voltage	400VpK

2. HORIZONTAL DEFLECTION SYSTEM

Sweep Time Factor	0.1ms/div ~0.1s/div \pm 5%
Variable Ratio	³ 2.5:1

3. TRIGGER SYSTEM

Trigger Sensitivity	INT 1.5div EXT 0.3V
EXT Input impedance	1MW 20pF
EXT max. Input Voltage	400VpK
Trigger Mode selector	INT, EXT, LINE, TV
Trigger mode	NORM, AUTO, TV, LOCK

4. X-Y MODE

Deflector Factor	0.2V/div ~0.5V/div
Frequency Bandwidth (–3dB)	DC 0~500KHz AC 10Hz ~500KHz

5. CALIBRATION SIGNAL

Waveform Square wave
Amplitude 0.5V \pm 2%
Frequency 1KHz \pm 2%

6. PHYSICAL PROPERTY

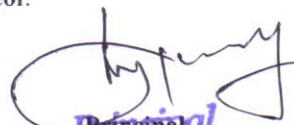
Item	Horizontal Style
Effective Working Area	8×10div 1div =6mm
Power	AC 220V \pm 10% 50Hz
Max Power Consumption	About 20W

7. CONFIRMING TO:-

The standard used in the instrument
EN510-1(1993) Safety requirements for electrical equipment for measurement control and laboratory.
use
EN- IE C61326-1(1997) EMC Requirements for electrical equipment for measurement and laboratory.

The quotations should reach in the office of the undersigned on or before 22.02.2024 through speed /registered post only. The undersigned reserves the right to cancel any or all quotations without the reason thereof.

Copy to: Notice Board/College website


Principal
Aska Science College,
PO Nuagam (Aska) Ganjam
06.02.2024