

DEPARTMENT OF PHYSICS
Centre of Advanced Study in Physics
PANJAB UNIVERSITY, CHANDIGARH- 160 014 (INDIA)

(Established under the Panjab University Act VII of 1947-enacted by the Govt. of India)

Tel. : + 91-172-2541741, 2534446, 2534466
Fax : +91-172-2783336
E-mail : physics@pu.ac.in

PHS :

Dated



Dear Sir,

Please quote your lowest rates in duplicate should be clearly written or typed (counting avoided) for the items list attached given below, specifying make, quality, period of supply of each item along with detailed information and should reach the undersigned on or before **5.12.2014**.

1. Rates quoted should be for Chandigarh.
2. The rates for insurance, excise duty, S.T. should be clearly mentioned, original receipt for the insurance charges are required along with the bill of supply.
3. We have been exempted from paying Central Excise Duty vide Govt. of India notification No. 10/97-Central Excise dated March, 1997. and is valid upto 31. 8. 2015.
4. Special Discount for educational institutions, University teaching department may be mentioned.
5. The present rate of S.T. applicable on the articles should be clearly mentioned.
6. The quotation in a sealed envelope giving our/ your reference No./ Date of quotation should be sent after affixing the required postage stamps. The quotation should be sent by POST only (as far as possible).

Thanking you,

Yours faithfully,

Chairman, Physics Deptt.

NAME OF EQUIPMENT:-

Timing filter Amplifier Accessories for Germanium Detector – 3 Nos.

(Canberra or Ortec 474(better or equivalent)

Input Amplitude Range 0 to $\pm 1V$ signal, 0 to $\pm 5V$ dc offset; maximum input $\pm 5V$ total.

Output Amplitude Range 0 to $\pm 5V$ with a 50- Ω load.

Noise for maximum gain ,rms noise referred to the input is $\leq 10\mu V$ with $\tau_i = \tau_j = 200ns$ or $\leq 50\mu V$ with filter out ;measured using a Hewlett-Packard 3400A true rms meter.

Rise Time $\leq 10ns$ with filter out or $\sim 2.2\tau_i$ for other selections.

NONLINEARITY $\leq \pm 0.05\%$ at midband frequency over $\pm 5 V$ range

TEMPERATURE INSTABILITY:

DC level $\leq 25\mu/^\circ C$ referred to the output

Gain $\leq \pm 0.06\%/^\circ C$

Specification over 0 to 50 $^\circ C$