

**INDIAN INSTITUTE OF TECHNOLOGY KANPUR**  
**Centre for laser & Photonics**

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P. K. Panigrahi  
Professor  
Department of Mechanical Engineering  
Indian Institute of Technology Kanpur  
Kanpur India 208016  
e-mail: [panig@iitk.ac.in](mailto:panig@iitk.ac.in)  
Ph. No. 0512-2597686

Sub: Quotations for High frequency, High voltage AC power amplifier.

Dear Sir/Madam:

Sealed Quotations are invited for the purchase of High frequency, High voltage AC power amplifier with following specification:

1. High frequency, High voltage AC power amplifier

Output: -30k to +30kVdc (60kV<sub>pp</sub>)

Frequency Range: 0 – 30 kHz

Output current: ±20mA max

Slew rate: 360V/μs - 700V/μs

Input voltage: 230VAC±10% 50/60Hz single phase

Monitor: output voltage monitor and output current monitor with BNC connector

Control: voltage output control 0 -30 kV

Display: LED output voltage and current display

Ripple: Less than 0.02% +1Vp-p

Protection: Over current protection with cut off, over voltage protection output short circuit, arc protection and blackout protection.

Output wave: Various types of output wave forms according to the input wave.

Price quoted is FOR IIT Kanpur. Please mention Taxes & Duty charges, Commissioning charges, Validity, Insurance & Warranty period. The quotations should reach to Dr. P. K. Panigrahi, Mechanical Engineering Department, I.I.T. Kanpur, Kanpur, (UP) India-208016 up to 26<sup>th</sup> December 2013.

Thank you.

(P. K. Panigrahi)