

Indian Institute of Technology, Kanpur
Department of Biological Sciences & Bioengineering

Tender Documents

Sub: ENQUIRY LETTER FOR POSITION SENSING AMPLIFIER WITH CABLE AND 10MM PACKAGED QUAD PSD

Tender Enquiry Number: IITK/BSBE/DKD/2021-22/NC-07

Enquiry Date: 12.07.2021

Closing Date: 26.07.2021

Opening Date: 27.07.2021

Quotations are invited for the above mentioned Subject as per the technical specifications given below:

Specifications

Position Sensing Amplifier

Transimpedance Gain (V/A)	4 x 10 ³ to 4 x 10 ⁶
Input Current Range	0.1 μ A to 1.5 mA
Output Voltage Position X,Y	+ 10V
Sum	0 - 6V
Zero Offset (Offset Null)	+ 1V Each Axis
Calibration Adjust	+ 10% of reading
Detector Bias	0V + 5V (depending on detector)
Linearity	+ 0.1%
Frequency Response	DC to 15 kHz (range dependent)
Gain-Bandwidth	G1 4 x 10 ³ V/A 2.50 x 10 ⁻⁴ A/V 15 kHz G2 1.6 x 10 ⁴ V/A 6.25 x 10 ⁻⁵ A/V 15 kHz G3 6.4 x 10 ⁴ V/A 1.56 x 10 ⁻⁵ A/V 5 kHz G4 2.56 x 10 ⁵ V/A 3.90 x 10 ⁻⁶ A/V 1.25 kHz G5 1.024 x 10 ⁶ V/A 9.77 x 10 ⁻⁷ A/V 310 Hz G6 4 x 10 ⁶ V/A 2.50 x 10 ⁻⁷ A/V 80 Hz
Output Connectors	BNC
Input Connector	9 Pin D Sub (DB9)
Power Requirement	+ 12V DC @ 300mA (AC Adapter)
Dimensions	1.5 x 5.5 x 6.00 inches (H x W x D)

Position Sensing Modules

Active Area (mm)	Detector Type	Wavelength Range	Typ. Resolution	Typ. Linearity
10.0 x 10.0	Duolateral Silicon	400-1100 nm	250 nm	0.3%

Note: The Quotation should reach the undersigned on Or Before 5 Pm on a 26th July 2021

Indentor Details:

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Assistant Professor,
Lab-17,
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Terms and Conditions:

1. Quotation Should Be offered through email (dkdas@iitk.ac.in)
2. Maximum discount should be offered.
3. Quotations should be valid for minimum 90 days
4. Delivery period will be 6-8 weeks after receipt of purchase order.
5. IIT Kanpur is fully exempted from payment of GST on Imported Goods against our DSIR certificate.
6. IIT Kanpur is partially exempted from payment of Customs Duty (We will provide Custom Duty Exemption Certificate, CD applicable is 5.5%).
7. Manufacturer authorization certificate from principal company is required if you are a local supplier
8. Include Preparatory item certificate if applicable.
9. The Institute reserves the right of accepting or rejecting any quotation without assigning any reason thereof.
10. All prices should be mentioned F.O.B/CIP/CIF New Delhi or Destination at IIT Kanpur.
11. Payment Terms: 100% after supply the Materials.
12. Bidder Clearly Mention Contact details with address and email ID.



Signature
(Dr. Dibyendu Kumar Das)