



Department of Electrical Engineering
Indian Institute of Technology, Delhi
Hauz Khas, New Delhi 110016

NIQ no. IITD/EE/FITT-BEEN/ADB/0001

Due Date: 26.11.2020, 5 PM

**Notice inviting quotations for
ASIC cell library design for image sensor**

Quotations are invited for ASIC cell library design for image sensor. The required specifications are given below. Complete technical information should be provided along with the Technical bid. Email bids are also acceptable. Please refer to the last page on Terms and Conditions for details on how and when to submit Technical and Financial bids.

The scope of the work include

1. Design of library cells like pixel, correlated double sampling circuits, decoders, column level ADC with a pixel pitch of $5.6 \mu m$. The vendor will work in close associate with the PI for the development of the ASIC cells.
2. Complete characterization and documentation of the IPs.

Required Specifications for the ASIC cell library design for image sensor

1. Pitch: $5.6 \mu m$
2. Pixel type: 4T
3. ADC resolution: 12 bits
4. Decoder resolution: 1 MP
5. Frame rate: > 30 fps
6. Operating temperature : -40 to $125^{\circ}C$

All other specifications are to be finalized in discussion with the PI.

Terms and Conditions

1. The quote should reach the following address on or before **26.11.2020, 5 PM**.
Dr. M. Sarkar
Electrical Engineering Department
Block II, Room 333
IIT Delhi, Hauz Khas
New Delhi, 110016
2. Please quote prices for FOB New Delhi, inclusive of all taxes and duties.
3. Quote should be in Indian Rupees for agents of Indian manufacturers, or in foreign currency, for agents of foreign manufacturers, and needs to be valid for at least three months.
4. Attach all the technical literature and a list of similar installations done in India.
5. If the quote is being submitted by a representative of the manufacturer, a valid agency-ship or dealership certificate authorizing the agent to quote to IIT Delhi on behalf of the manufacturers should be enclosed. **The principal and the vendor, both, are not allowed to quote for the same product.**
6. Complete set of manuals for the operation of the equipment should be given.
7. Please specify all of your terms and conditions clearly, including delivery period.
8. Mode of payment for purchases in foreign currency are through irrevocable letter of credit, or through wire transfer on delivery. Only bank charges within India are payable by IIT Delhi, all bank charges outside India are the responsibility of the seller. For purchases in INR, payment is on delivery.
9. The Institute reserves the right to accept or reject any or all quotations without assigning any reasons thereof.