



# Indian Institute of Information Technology, Design and Manufacturing, Kurnool

## Inviting of Quotations through LPC

Reference No: IIITDMK/20-21/S&P/LPC/ PSoC Evaluation Boards /2  
15.09.2020

DT:

Subject: Supply and Installation of **PSoC Evaluation Boards** –Regarding

Please send your lowest quotation to supply the item(s) shown in the table below. The quotation is to be sent in a sealed envelope addressed to “Registrar I/c, Indian Institute of Information Technology, Design and Manufacturing, Kurnool-518007, Andhra Pradesh”

**Subscribing the above reference number clearly on the envelope.**

**The last date to receive the sealed quotation is 29.09.2020**

### **Specifications for PsoC Evaluation Boards :-**

<b>S.No</b>	<b>Description of the Items</b>	<b>Quantity</b>
<b>1</b>	<p>PSoC 5LP development kit which enables user to evaluate, develop and prototype high precision analogue, low power and low voltage applications powered by CY8C58LP high precision analogue device family. PSoC 5LP is a Programmable System on Chip platform for 8bit, 16bit, and 32bit applications. It combines precision analogue and digital logic with a high performance CPU. This kit is designed for analogue performance. It features a very low noise floor. Care has been taken to separate the analogue and the digital domain. Separate regulators are also available and separate ground planes are provided. And achieved ENOB very close to 20bits with this kit. Provisions are provided to add an external precision voltage reference, if needed. It has an onboard programmer/debugger, which lets user program the PSoC 5 without connecting Minipro3. This programmer debugs at a speed of 1.5mHz. The kit also allows the user to program and debug using the Minipro3. The Psoc CY8C58LP development kit should have the following.</p> <ol style="list-style-type: none"><li>(1) Power supply system</li><li>(2) Programming interface</li><li>(3) USB communications</li><li>(4) Boost convertor</li><li>(5) PSoC 5LP and related circuitry</li><li>(6) 32KHz crystal, 24MHz crystal</li><li>(7) Port E (analogue performance port) and port D (CapSense or generic port)</li><li>(8) RS232 communications interface and character LCD interface</li><li>(9) Prototyping area</li><li>(10) CapSense buttons and sliders</li></ol>	<b>16 No</b>

**While sending your Lowest quotation-Please specify the following**

1. GST : Inclusive / Exclusive
2. Rates : a) F.O.R. Destination / Ex-works  
b) Estimated Packing, forwarding and Freight charges  
In case Ex-works only, may be mentioned on Percentage basis.
3. Preferred terms of payment : Full payment within 30 days from the date of receipt Of the material, tested/inspected/commissioned and Found satisfactory with regard to quality, quantity and Specifications ordered.
4. Recommended mode of transport :
5. Discount offered , if any :
6. Validity of the offer :
7. Warranty Period :
8. Indicate whether any AMC :  
Support is given after completion Of warranty Period. If so, the AMC Charges may be mentioned on Percentage basis
9. Firm Schedule of delivery :
10. Detailed drawings / catalogues/ :  
Leaflets/literature/samples may Be furnished wherever feasible/ Required.
11. Please mention the Quotation number and name of the item/s (in brief) on your envelope when submitting your quotation to the institute.
12. Please note that the Head of the Institute reserves the right to modify or alter the specifications and also to reject any or all the quotations without assigning any reasons thereto.

**Sd/-  
Registrar I/c**

