

**National Center for Biological Sciences
Tata Institute of Fundamental Research**
GKVK, Bellary Road, Bangalore 560 065. India
Tel. No : 080 2366 6346
Email: vinuthaks@ncbs.res.in, www.ncbs.res.in
ENQUIRY

Ref: NCB/CA17-165/162886

December 26, 2017
=> By Speed Post/Courier

Dear Sirs,
Please let us have your Quotation for the following :

Sl.No	Item Description	Qty
1	<p>Portable ultra short throw projector</p> <p>Specifications for Ultra Short throw Projector:</p> <ol style="list-style-type: none"> 1. The system should have Lumens very less i.e. (100 lumens). 2. The system should be Handy, portable projector with HDMI connector available. 3. The system Light source should be a Laser diode. 4. The system have one HDMI input and one HDMI output available. 5. The system should be motor driven, Zoom and Focus options should be available. 6. The system should have In-built small 2 speakers available. 7. The system should have wireless HDMI connectivity, Ethernet, IEEE 802.11a/b/g/n (2.4 GHz band, 5 GHz band). 8. The system should have Wifi wireless presentation options for both android and IOS. 9. The system should have the display resolution supported up to 1366 X 768 Max. 10. The system should have inbuilt battery (Lithium Ion) for the backup of 2 hrs and full charging time of 4 hrs Max. 11. The system should have less power consumption 12. The system should work at 230V, 50 Hz and should be supplied with the DC adaptor for charging the battery. 13. The system should be CE/ ISO Certified. 14. The system should be under warranty period of 3 years. 	1 No
2	<p>Ultra short throw projector</p> <p>Specification for Ultra short throw Projector:</p> <ol style="list-style-type: none"> 1. The system should have Lumens of 3500 Lumens 2. The system should have light source 3D DLP technology. 3. The system should have the display Resolution of 1366 x 768. (FULL HD 1080p). 4. The system should have Input connectivity option for 2 HDMI, 1 VGA, 1 RCA, Audio In and Audio out of 3.5mm compatibility, 3D sync out, LAN connectivity for remote access options, USB powered. 	1 No

5. The system should have output connectivity of one VGA port and 3.5 mm audio out.
6. The system should have the contrast ratio of 25000:1
7. The system should be 3D compatible and 3D sync port enabled.
8. The system should have noise level of 27 dB in Eco mode.
9. The system should have lamp life of max 6000 Hrs.
10. The system should have video compatibility of NTSC, NTSC 4.43, PAL, PAL-M, PAL-N, SECAM, and HDTV (1080p, 720p).
11. The system should have distance between the wall (projection surface) to the back of projector of 0.300 meter.
12. The system should have the sync compatibility.
13. The system should have communication port of LAN, RS 232, USB type.
14. The system should be supplied with the necessary accessories for the functionality.
15. The system should have an option for built in speaker.
16. The system should have the maximum power consumption of 600 watts.
17. The system should operate at 230V, 50 Hz.
18. The system should be CE/ ISO certified.
19. The system should be under the warranty period of 3 years

3 LCD Projector with stand alone screen (Size:6X4ft)

Specification for Long throw projector:

1. The system should have Lumens of 4000.
2. The system should have display type of 3 LCD technology based.
3. The system should have resolution support of XGA (1024 x 768) to WUXGA (1920 x 1200).
4. The system should be compatible with the Window based PC, Macintosh, Unix/ Linux.
5. The system should support video compatibility for NTSC, NTSC 4.43, PAL, PAL-M, PAL-N, SECAM, HDTV (1080p, 720p).
6. The system should support the aspect ratio of 4:3, 16:9, 16:10
7. The system should have the following inputs of 2 HDMI, 2 VGA, 2 S-video, 2 Composite, 1 RGB component.
8. The system should have 2 VGA outputs
9. The system should have 2 RCA Audio, 2 stereo mini jack audio output option.
10. The system should have remotely controllable options with RS 232, RJ 45 LAN, USB Type B options.
11. The system have the contrast ratio of 8000:1.
12. The system should have the sync compatibility of Separate Sync / Composite Sync.
13. The system should support the projection distance of 6ft to 8 ft.
14. The system should have the horizontal keystone correction of +/- 25°.
15. The system should have the vertical keystone correction of +/- 40°.
16. The system should have the Lamp hours of 6000 hrs in ECO mode and 4500 hrs in Normal mode.
17. The system should have very low audible noise level.
18. The system should be supplied with the required accessories for the functioning of the system.
19. The system should operate at 230V, 50 Hz.
20. The system should be CE/ ISO Certified.

1 No

<p>21. The system's Lamp warranty should be for 1 year. 22. The system must be under the warranty period of 3 years. 23. The system should be supplied with standalone screen 6 x 4 ft</p>	
<p>NOTE : 1. Please attach Authorization letter with quotation.</p> <p>2. IMPORTANT NOTE:NCBS-TIFR is a public funded research institute and is entitled to concessional rate of GST @ 5% for items supplied for research purpose vide notification no. 45/2017 dated 14th Nov, 2017 . The offer should be submitted after fully considering the above notification.</p>	

1. The bids shall be enclosed in an envelope and due date sealed duly marked Tender for Ref No: 162886.. The bids should be addressed and to be mailed to 'THE HEAD-PURCHASE'.

The bids are liable to be rejected if the sealed envelope is not addressed to "THE HEAD-PURCHASE" with Tender Ref No. and Item Description and due date. The bids delivered in person shall be dropped in Purchase Section. If the bids are sent through courier or mail, it should reach by submission date and time and NCBS will not be responsible for the delay.

2. DUE DATE FOR SUBMISSION OF QUOTATION AGAINST THIS ENQUIRY IS 01/01/2018.

3. QUOTATIONS RECEIVED AFTER THE DUE DATE SHALL BE REJECTED.

4. The validity of your quotation should be for 60 days from the due date.

5. All duties, taxes, surcharge and cess as currently applicable must be stated in your quotation, separately. Otherwise your quote is liable to be rejected.

6. Your quotation should indicate delivery period & warranty period.

7. Delivery to be made to our stores. Please indicate charges, if any extra. Transit Insurance should be done upto NCBS Stores.

8. If you are unable to supply the quality, specifications or brand as mentioned in our enquiry, please state so and then offer alternative to quality/specifications.

9. Payment: within one month after delivery & acceptance/satisfactory installation.

10. Please ensure that the enquiry number and the due date is superscribed on the envelope failing which your quotation is liable to be rejected.

11. Since we are a public funded research institution, we are exempted from paying Customs duty (Except ad valorem duty of 5% + 2% Cess and 1% Cus Sec & High Edu. CESS vide Notification No. 51/96 with latest amendments) and excise duty vide Notification No. 10/97 CENTRAL EXCISE dated 01-03-1997 for all scientific equipments, technical instruments, equipments (including computers), their accessories, spares, consumables and software. Hence, please offer your prices

12. If the item is covered under DGS&D rate contract, please quote the rate as per the DGS&D rate contract with xerox copy of the DGS&D order.

13. Any dispute or differences that may arise between the parties shall be referred to the sole arbitration of the Centre Director or his nominees. The decision of the arbitrator shall be final and binding on the parties. The venue for arbitration shall be Bangalore. The provisions of the Arbitration and Conciliation Act, 1996 as amended from time to time shall apply. The courts in Bangalore shall have exclusive jurisdiction to deal with any or all disputes between the parties.

14. The quotations may be submitted in USD, Euro, GBP, JPY and any tradable currency.

Yours faithfully
For and on behalf of
National Centre for Biological Sciences



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