



**SATYENDRA NATH BOSE NATIONAL CENTRE FOR BASIC SCIENCES**  
[Funded by the Department of Science & Technology, Government of India]  
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Ref. SNB/ENQ/AR(Com)/LED Projector(RT)/14-15/1178(WP)

05.12.2014

Sealed quotations is hereby invited for the following items in two parts (Technical and Commercial bids). One large envelope containing two smaller envelopes containing Part A: Technical Bid and Part B: Commercial Bid need to be submitted separately – Two smaller envelopes should be super-scribed "**Technical Bid**" / "**Commercial Bid**" as the case may be.

Sl. No.	PARTICULARS	Qty
01.	<b>LED BASED ULTRA SHORT THROW PROJECTOR WITH MOTORIZED SCREEN</b> (See Reverse for detailed specification)	01 no.

**Technical bid** should contain complete technical information literature/working manual of the quoted item, & authorization certificate of the manufacturer. **Price Bid** - In case of imported item CIF/CIP Kolkata airport price should be mentioned and for indigenous item FOR price up to S. N. Bose Centre may be quoted.

Note: Attached herewith "**Annexure I**" (as check list) to be duly filled in by the bidder and should be submitted with the Technical Bid only. Offer received without any of the relevant information / certificate / document asked as per "Annexure I" from sl. nos. 01 to 18 may not be considered. The Centre reserves the right to accept or reject offer of the tenderer. The Centre's decision shall be final and binding on the tenderer. Attached documents should be duly marked.

**Note:**

- 1) The quoted price should be inclusive of delivery & installation charges.
- 2) Validity of quotation should be for 90 days from the date of submission.
- 3) Minimum one (1) year onsite comprehensive replacement warranty is to be provided by the Bidder.
- 4) Our Payment term is subject to after delivery & satisfactory installation.
- 5) Delivery period should be mentioned in the quotation.
- 6) Our ref. no. should be mentioned on top of the quotation envelope.
- 7) Quotation for the above item should reach this office by **26<sup>TH</sup> December, 2014**

Thanking you,  
Yours faithfully,

S. K. Singh  
AR (Purchase)

**General technical specification of LED – LASER Light source technology Ultra Short Throw Projector with Motorized Screen and installation.**

<b>Features</b>	<b>Technical Specification</b>
Brightness	3100 Lumens
Contrast Ratio	1800:1
Light source lifetime	20000 hours
Focusing	Manual focus <sup>+</sup>
Projection lens	Fixed focus lens
Projection screen size	50 inch – 110 inch
Projection range	60 inch screen : 0.13m , 100 inch screen : 0.40m
Projection system	DLP chip X 1 DLP system
Display resolution	WXGA ( 1280 X 800) max (1600 X 1200)
Color reproduction	Full color 16.77 million color
RGB input and output	RGB mini D- sub 15 pin X 2 input RGB mini D- Sub 15 pin X 1 for output
Digital input	HDMI Type A ( 480p – 1080p) ) X 1
Video input	NTSC / PAL / PAL- M / PAL60 / SECAM Composite RCA X 1 , S- Video X 1 ,
Audio input / output terminal	RCAX1 , Stereo mini jack X2
Speaker	16 watt X 1 mono
Other terminal	USB 2.0 Type A X 1 USB2.0Type B X 1 RJ-45 LAN terminal X 1 RS232 C X1
USB Display	Yes
Internal memory	2 GB
Wireless compatibility	IEEE802.11 b/g Windows and Mac OS compatible
Other functions	DLP 3D projection Intelligent brightness control Direct power ON- OFF Digital zoom 2X Eco mode , Blank
Original dust resistant structure	Yes
Wall Mount Bracket exclusively for ultra short throw projector	Should be from same OEM who manufacture's the projector
Tender specific OEM authorization	To be provided
Other Accessories	
Motorized Screen	8ft x 6ft, 120 inches diagonal
Installation	With VGA, HDMI cable and wall interface plate

**Annexure I**

- The following form should be submitted with the technical bid duly filled and signed.
- **Relevant documents must be enclosed with the technical bid as per Sl. no. 01 to 18.**

S/N	PARTICULARS	Yes/No	REMARKS
01	Technical bid & Price bid duly sealed & signed enclosed in separate envelopes as instructed.		
02	<u>Contents of Technical bid</u> a) Technical details as per specification enclosed with technical bid ⇒ b) Technical Compliance Statement to be prepared in a separate sheet (and any deviation should be mentioned specifically) ⇒ c) Literature/Manual of the offered item ⇒ d) Current Authorization Certificate from the Principal Manufacturer ⇒ e) Name, address, email & ph. no. of users in India. (Preferably Research laboratories) ⇒ f) Copy of P.O. and installation certificate with the same specification from at least one user ⇒		
03	Delivery charges on F.O.R basis up to S. N. Bose Centre, Kolkata for indigenous items with detailed break-up of cost		
04	All applicable tax (VAT/CST/Sales/Service tax) should be mentioned		
05	Whether the price quoted is without excise duty, as the centre is fully exempted from payment of excise duty		
06	Copy of Trade License, VAT, PAN, Service Tax Registration no. enclosed with the technical bid.		
07	Installation charges included (if any) to be mentioned		
08	Standard warranty from the date of installation to be mentioned		
09	Payment after installation of material at site		
P10	Payment mode should be mentioned		
11	Delivery/installation time from the date of PO to be mentioned		
12	Enquiry no. should be mentioned on top of all quotation envelopes		
13	Validity of Quotation should not be less than 90 days from the date of submission		
14	Maintenance procedure of the offered item to be mentioned		
15	Contact details of after sales service centres in Kolkata to be mentioned		
16	Bank details of the beneficiary to be mentioned		
17	In case of any defect found after receipt of material or in case of any deviation from the specifications or in case of any operational defect found during the warranty period, any part or the entire material is to be replaced by the supplier at no extra cost to the Centre.		
18	Whether your company has been blacklisted by any Central/State Govt. organization.		

**Note:** Offer received without any of the relevant information / certificate / document asked in the above sl. nos. 01 to 18 may not be considered. The Centre reserves the right to accept or reject offer of the tenderer. The Centre's decision shall be final and binding on the tenderer. Attached documents should be duly marked.

\_\_\_\_\_  
Seal & Signature with date