



भारतीय प्रौद्योगिकी संस्थान हैदराबाद  
Indian Institute of Technology Hyderabad

**Indian Institute of Technology Hyderabad**  
Kandi- 502 285, Sangareddy, Telangana State, India  
Phone: 040 2301 6018: Fax: 040 2301 6032  
Email: [stores@iith.ac.in](mailto:stores@iith.ac.in)

**Date: 08 Mar 2018**

**CORRIGENDUM – 1**

1. It is notified to all the concerned parties that with reference to our Tender No. IITH/5(7)/NEEL/2017/T205 dated 20.02.2018 for supply of "PROJECTOR FOR PROJECTION MAPPING", the following changes are being made w.r.t. the Tender: -

- (i) **Revised Specifications – As per ANNEXURE (02 pages) to this corrigendum.**
- (ii) **Revised Due Date & Time for Submission of Tenders is as below: -**

	EXISTING	AMENDED AS
Last Date & Time for submission of Tender	13 Mar 2018 by 03.00 pm	27 Mar 2018 by 03.00 pm
Date & Time of Tender Opening	13 Mar 2018 by 03.30 pm	27 Mar 2018 by 03.00 pm

2. If any of you have already submitted your bid prior to issue of this corrigendum you are required to re-submit your bid before the revised Due Date & Time, considering changes in the specifications of the Tender as per this Corrigendum.

3. All other Terms & Conditions of Tender remain completely unchanged.

Yours faithfully,

**(V. Venkat Rao)**  
Joint Registrar

**PROJECTOR FOR PROJECTION MAPPING**

S. No.	Projection Technology	Description
1	Projection system	High –aperture 3 LCD . 3 chip technology
2	Projection method	From/ rear / ceiling mount
3	Driving method	Poly silicon TFT active matrix
4	Pixel number	2,304,000 (1920x1200) x3
5	Native resolution	1920x1200(wuxga)with 4k enhancement
6	Resize	640x480,880x600,1280x1024,1400x1050
7	Aspect ratio	Supports 4:3,16:9,16:10
8	Pixel arrangement	Cross stripe
9	Color brightness	Color light output :25000 lumens and more white brightness : 25000 lumens and more
10	Contrast ratio	2,500,000 :1 absolute black (full white 25000lm / full black 0Lm)
11	Brightness uniformity	90%
12	Color reproduction	Upto 1 billion colors
13	Size(projected distance)	100”-1000”
14	Lens shift (vertical)	+/-65%
	Horizontal	=/-30%
15	Keystone correction	
	Vertical	+/- 45 degrees
	Horizontal	+/- 30 degrees
16	Illumination technology	Laser phosphor
17	Light source life (normal )	Upto 20,000 hours
18	Projection lens	Not included
19	Operating temperature	32deg to 122 deg F (0 to 50deg C)
20	Power supply voltage	200-240v +/- 10%, 50/60 Hz AC
21	Fan noise	49 db normal mode max 40db (extended mode) 33db eco mode
22	Pixel clock	13.5MHz -162MHz (unto uxga 60Hz)
	Horizontal	15kHz-92kHz
	Vertical	50Hz -85Hz
23	Interfaces	1 X DVI-D
		1X HDMI

		1 X HD BASE
		5-BNC, 1X VGA
		1 X 3G –SDI
24	Audio in	1 x mini stereo
25	Variable audio out	1 x mini stereo
26	USB 2.0 connectors	1x type B
		1 x type A (fore wireless only)
27	Monitor out	1 x mini D- sub 15 pin
28	Serial control serial	1x RS -232 c
29	SDI OUT	1
30	VIDEO	
	Display performance	NTSC :480 line: PAL : 576 Line
31	INPUT SIGNAL	NTSC/NTSC 4.43/PAL/M-PAL/N-AL/PAL60/SECAM/480I/576I/480P/576P/720P/1080I/1080P
32	PIXEL WORKS	Video Chip 3d Y/C Separation, Noise Reduction Motion Compensated Interlace-Progressive Conversion 2-2,3-2 Film Detection
33	OPERATING ANGLE	Right /left : front +/-60 deg : rear +/- 30 deg Upper /lower : front +/- 20deg : rear +10 to +50 deg Operating distance 49 ft
		Recyclable product
35	Warranty	3 years or 20,000 hours which ever is earlier
<b>LENS</b>		
1	Short throw lens	ELPUO5 (Throw Ratio -0.90-1.09)
2	Middle throw lens	ELPLM13 ( Throw ratio – 2.30-3.46)
3	Long throw lens	ELPLL10( Throw ratio –6.96-10.45)

### **SPECIFICATIONS :**

**SOLID STATE LASER LIGHT SOURCE :** Designed With Inorganic Components For Upto 20,000 hours of virtually maintenance-free operation<sup>3</sup>

**4K Enhancement Technology<sup>2</sup>** — a technology that accepts 4K signal and enhances 1080p for output that surpasses Full HD image quality

**Dynamic Projection Capabilities:** Advanced built –in edge blending, auto image calibration and more