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INDIAN INSTITUTE OF TECHNOLOGY MADRAS Chennai 600 036
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Dated:24.06.2022

CORRIGENDUM- I

Tender No. IITM/SPS/A& LED Dis. System/004/2022-23/SPL
E-Tender ID: 2022_IITM_119013_1

"SUPPLY, INSTALLATION AND COMMISSIONING OF AUDIO AND LED WALL DISPLAY SYSTEM IN CAMPUS CAFE OF IIT MADRAS AS PER DESIGN"

In the tender document,

1. **In Page No. 6 of 32, Sl. No.12, Delivery period may be read as**

Delivery Period: The Items should be delivered **within 8 weeks** of issue of Purchase Order. Please indicate the actual delivery period clearly. No further extension of time will be allowed.
Instead of
Delivery Period: The Items should be delivered within 4-6 weeks of issue of Purchase Order. Please indicate the actual delivery period clearly. No further extension of time will be allowed.

2. **In Annexure-A, Page No.11 of 32– (C) Bill of Materials in Sl. No. 1.01, Approved Make / Brand may be read as**

1.01	4.56m x 2.4m (14.96'x7.87'), 1.875mm Pixel Pitch LED wall with Required Controller and Buffer Cabinets	**Samsung, Christie, Icamic, Delta, Genius Let's Rise, Infonics, Jona LED, RGX**
Instead of		
1.01	4.56m x 2.4m (14.96'x7.87'), 1.875mm Pixel Pitch LED wall with Required Controller and Buffer Cabinets	SAMSUNG, CHRISTIE, ICAMIC, DELTA

3. **In Annexure-A, Page No.11 of 32– (C) Bill of Materials in Sl. No. 1.03, Approved Make / Brand may be read as**

1.03	Video Wall Processor (Sending Card)	**Extron, Novastar, RGB Spectrum, Genius Let's Rise**
Instead of		
1.03	Video Wall Processor (Sending Card)	Extron, Novastar, RGB Spectrum

4. **In Annexure-A, Page No.11 & 12 of 32– Sl. 1.01 of item reference 1.01, Approved Make / Brand and Compliance may be read as**

Item Reference	1.01
Item Description	LED wall with Required Controller and Buffer Cabinets
Approved Make/Brand	**Samsung, Christie, Icamic, Delta ,Genius Let's Rise, Infonics, Jona Led, RGX**
Minimum Performance Parameters	
Pixel Pitch	1.875mm Physical
LED per pixel	3 in1 SMD High Brightness LED
LED	4.56m x 2.4m (14.96 x 7.87 Feet)
Resolution per Tile	128x128

Single Cabinet Dimension/Pixel(W x H)	4560 mm × 2400 mm
Casing Material	iron Casing
Horizontal & Vertical Viewing Angle	160°
LED Brightness	> 1000cd/m²
Grey Scale	16 bits
Color Ref	281 trillion colors
Operating Temperature	−10℃ to +55℃ and 10% to 95%RH
Temperature Checkup	at 70℃ auto shut off
LEDs Lifetime	>1,00,000 Hours
Refresh Rate	≥ 3840 Hz
Frame Rate	> 60 frames/sec
Compliance	**IP 54 rated (front) CE, Rohs**
Data Transfer Method	HDMI or DVI
Aspect Ratio	16 : 9 High Definition Compatibility
Contrast Ratio	In excess of 1500 : 1
Input Format	HDMI, DVI,
Data Transmission	cat 6
Input Voltage	220V -240V, 50Hz

Instead of	
Item Reference	1.01
Item Description	LED wall with Required Controller and Buffer Cabinets
Approved Make/Brand	Samsung, Christie, ICAMIC, Delta
Minimum Performance Parameters	
Pixel Pitch	1.875mm Physical
LED per pixel	3 in1 SMD High Brightness LED
LED	4.56m x 2.4m (14.96 x 7.87 Feet)
Resolution per Tile	128x128
Single Cabinet Dimension/Pixel(W x H)	4560 mm × 2400 mm
Casing Material	iron Casing
Horizontal & Vertical Viewing Angle	160°
LED Brightness	> 1000cd/m²
Grey Scale	16 bits
Color Ref	281 trillion colors
Operating Temperature	−10℃ to +55℃ and 10% to 95%RH
Temperature Checkup	at 70℃ auto shut off
LEDs Lifetime	>1,00,000 Hours
Refresh Rate	≥ 3840 Hz
Frame Rate	> 60 frames/sec
Compliance	IP 54 rated (front) CE, CCC, Rohs
Data Transfer Method	HDMI or DVI
Aspect Ratio	16 : 9 High Definition Compatibility
Contrast Ratio	In excess of 1500 : 1
Input Format	HDMI, DVI,
Data Transmission	cat 6
Input Voltage	220V -240V, 50Hz

5. **In Annexure-A, Page No.12 of 32– Sl. 1.03, Video Wall Processor (Sending Card), Approved Make / Brand may be read as**

Item Reference	1.03
Item Description	Video Wall Processor (Sending Card)
Approved Make/Brand	**Extron, Novastar, RGB Spectrum, Genius Let's Rise**
Minimum Performance Parameters	
Max. Input Cards	≥4
Max. Input Channels	≥16
Max. Output Cards	≥2
RJ45	16xRJ45 Gigabit Ethernet Outputs, 2xOPT outputs
Max. Load Capacity	≥26000000 Pixels
Max. Layers	≥32
HDMI 2.0	12 Bit RGB 4:4:4 4096x2160@30Hz, 4096x1080@60Hz

DP1.2	12 Bit RGB 4:4:4 4096x2160@30Hz, 4096x1080@60Hz	

Instead of		
Item Reference	1.03	
Item Description	Video Wall Processor (Sending Card)	
Approved Make/Brand	Extron, NOVASTAR, RGB Spectrum	
Minimum Performance Parameters		
Max. Input Cards	≥4	
Max. Input Channels	≥16	
Max. Output Cards	≥2	
RJ45	16xRJ45 Gigabit Ethernet Outputs, 2xOPT outputs	
Max. Load Capacity	≥26000000 Pixels	
Max. Layers	≥32	
HDMI 2.0	12 Bit RGB 4:4:4 4096x2160@30Hz, 4096x1080@60Hz	
DP1.2	12 Bit RGB 4:4:4 4096x2160@30Hz, 4096x1080@60Hz	

6. **In Annexure-C, Page No.20 of 32– Sl. 1.01, LED wall with Required Controller and Buffer Cabinets, Compliance may be read as**

LED wall with Required Controller and Buffer Cabinets		
Name of the Make/Brand and Model No		Make /Brand Name :
		Model No
Description	**Compliance (Yes/ No)**	**Details of Catalogue/ Data Sheet Proof with Page No in the tender document.**
Minimum Performance Parameters		
Pixel Pitch	1.875mm Physical	
LED per pixel	3 in1 SMD High Brightness LED	
LED	4.56m x 2.4m (14.96 x 7.87 Feet)	
Resolution per Tile	128x128	
Single Cabinet Dimension/Pixel(W x H)	4560 mm × 2400 mm	
Casing Material	iron Casing	
Horizontal & Vertical Viewing Angle	160°	
LED Brightness	> 1000cd/m²	
Grey Scale	16 bits	
Color Ref	281 trillion colors	
Operating Temperature	−10℃ to +55℃ and 10% to 95%RH	
Temperature Checkup	at 70℃ auto shut off	
LEDs Lifetime	>1,00,000 Hours	
Refresh Rate	≥ 3840 Hz	
Frame Rate	> 60 frames/sec	
Compliance	**IP 54 rated (front) CE, Rohs**	
Data Transfer Method	HDMI or DVI	
Aspect Ratio	16 : 9 High Definition Compatibility	
Contrast Ratio	In excess of 1500 : 1	
Input Format	HDMI, DVI,	
Data Transmission	cat 6	
Input Voltage	220V -240V, 50Hz	
Pixel Pitch	1.875mm Physical	
LED per pixel	3 in1 SMD High Brightness LED	
LED	4.56m x 2.4m (14.96 x 7.87 Feet)	
Resolution per Tile	128x128	
Single Cabinet Dimension/Pixel(W x H)	4560 mm × 2400 mm	
Casing Material	iron Casing	
Horizontal & Vertical	160°	

Viewing Angle			
LED Brightness	> 1000cd/m²		
Grey Scale	16 bits		
Color Ref	281 trillion colors		
Operating Temperature	−10℃ to +55℃ and 10% to 95%RH		

Instead of

LED wall with Required Controller and Buffer Cabinets			
Name of the Make/Brand and Model No			Make /Brand Name : Model No
Description		Compliance (Yes/ No)	**Details of Catalogue/ Data Sheet Proof with Page No in the tender document.**
Minimum Performance Parameters			
Pixel Pitch	1.875mm Physical		
LED per pixel	3 in1 SMD High Brightness LED		
LED	4.56m x 2.4m (14.96 x 7.87 Feet)		
Resolution per Tile	128x128		
Single Cabinet Dimension/Pixel(W x H)	4560 mm × 2400 mm		
Casing Material	iron Casing		
Horizontal & Vertical Viewing Angle	160°		
LED Brightness	> 1000cd/m²		
Grey Scale	16 bits		
Color Ref	281 trillion colors		
Operating Temperature	−10℃ to +55℃ and 10% to 95%RH		
Temperature Checkup	at 70℃ auto shut off		
LEDs Lifetime	>1,00,000 Hours		
Refresh Rate	≥ 3840 Hz		
Frame Rate	> 60 frames/sec		
Compliance	IP 54 rated (front) CE, CCC, Rohs		
Data Transfer Method	HDMI or DVI		
Aspect Ratio	16 : 9 High Definition Compatibility		
Contrast Ratio	In excess of 1500 : 1		
Input Format	HDMI, DVI,		
Data Transmission	cat 6		
Input Voltage	220V -240V, 50Hz		
Pixel Pitch	1.875mm Physical		
LED per pixel	3 in1 SMD High Brightness LED		
LED	4.56m x 2.4m (14.96 x 7.87 Feet)		
Resolution per Tile	128x128		
Single Cabinet Dimension/Pixel(W x H)	4560 mm × 2400 mm		
Casing Material	iron Casing		
Horizontal & Vertical Viewing Angle	160°		
LED Brightness	> 1000cd/m²		
Grey Scale	16 bits		
Color Ref	281 trillion colors		
Operating Temperature	−10℃ to +55℃ and 10% to 95%RH		

Sd/-
Assistant Registrar (Stores & Purchase)