



कार्यालय जोधपुर विकास प्राधिकरण, जोधपुर।

रेलवे अस्पताल के सामने, रातानाडा, जोधपुर – 342301

वेब-साईट jodhpurjda.org Phone No. 0291.265637

क्रमांक:- अ.अ./विद्युत-1/2021-22/

दिनांक:-

CORRIGENDUM OF NIT NO- 07/2021-22 DATED- 26.10.2021

इस कार्यालय द्वारा जारी ई-बिड सूचना संख्या: जोन विद्युत-1/07/2021-22 दिनांक 26.10.2021 को जारी की गई थी। जिसके अन्तर्गत बिड के आईटम सं. 03 के G-Schedule की शर्त संख्या 12 में निम्नानुसार जोडा जाता है:-

G-Schedule की शर्त संख्या 12 में **technical compliance** का प्रारूप संलग्न किया है। जिसे बिडर्स को भरकर अपलोड करना आवश्यक है अन्यथा बिड पर विचार नहीं किया जायेगा।

शेष शर्तें यथावत् रहेगी।

अधिसाषी अभियंता (जोन विद्युत-1)
जोधपुर विकास प्राधिकरण,
जोधपुर
दिनांक:- 28/10/2021

क्रमांक:- अ.अ./विद्युत-1/2021-22/S15-522

प्रतिलिपि वास्ते सूचनार्थ एवं आवश्यक कार्यवाही हेतु :-

1. निजी सचिव, आयुक्त महोदय, जोधपुर विकास प्राधिकरण, जोधपुर।
2. सचिव, जोधपुर विकास प्राधिकरण, जोधपुर।
3. निदेशक अभियांत्रिकी, जोधपुर विकास प्राधिकरण, जोधपुर।
4. निदेशक वित्त, जोधपुर विकास प्राधिकरण, जोधपुर।
5. अधीक्षण अभियंता(विद्युत), जोधपुर विकास प्राधिकरण, जोधपुर।
6. सहायक अभियंता(विद्युत), जोधपुर विकास प्राधिकरण, जोधपुर।
7. ठेकेदार संघ/केशियर/नोटिस बोर्ड।
8. एनालिस्ट कम प्रोग्रामर, जोधपुर विकास प्राधिकरण, जोधपुर को प्रेषित कर लेख है कि उक्त Corrigendum का <http://www.eproc.rajasthan.gov.in>, www.jodhpurjda.org एवं www.sppp.raj.nic.in की वेबसाईड पर तुरन्त प्रदर्शित (upload) करें।

अधिसाषी अभियंता (जोन विद्युत-1)
जोधपुर विकास प्राधिकरण,
जोधपुर

Annexure A

Technical Compliance Sheet & OEM Declaration of Conference Control Unit

Tender Name:

Tender NIT No:

Make & Model

S.No.	Parameters	Parameter's Value	Compliance Yes/No
1	Nominal output	72 dB SPL	
2	Frequency response	200 Hz to 16 kHz (acoustical)	
3	Gain range	Mute -10.5 to +12 dB	
4	Supply voltage Adaptor	100 to 240 VAC, 50/60 Hz	
5	Current Consumption voltage Adaptor	1.9 A (100 VAC) to 1 A 240 (VAC)	
6	DC voltage Control Unit	24 V, 6.0 A	
7	Maximum number of Discussion Devices for Control Unit (without Extension Unit)	40 Discussion Devices per trunk 80 Discussion Device in total 24 V, Max 5.2 A (short-circuited protected)	
8	Discussion Device loudspeakers volume control	15 steps of 1.5 dB (starting from -10.5 dB)	
9	Limit threshold level to unit	12 dB above nominal level	
10	Gain reduction due to number of open microphones (NOM)	1/SQRT (NOM)	
11	Sample rate	44.1 kHz	
12	Frequency response	30 Hz to 20 kHz	
13	Ethernet speed	1 Gb/s	
14	SanDisk USB memory stick	Formatted with FAT32 file system. Maximum size: 128 GB.	
15	Bite rate	Internal memory size/ hours (225 MB)	
16	64	8 hrs	
17	96	5 hrs	
18	128	4 hrs	
19	64	500 hrs	
20	96	350 hrs	
21	128	250 hrs	
22	256 *	125 hrs	
23	Nominal input (85 dB SPL)	< 0.5%	
24	Max. input (110 dB SPL)	< 0.5%	
25	XLR nominal microphone input	-56 dBV	
26	XLR maximum microphone input	-26 dBV	
27	RCA nominal input	-24 dBV (+/- 6 dB)	
28	RCA maximum input	+6 dBV	
29	S/N	> 93 dBA	
30	Frequency response	30 Hz to 20 kHz	
31	THD	<0.1%	
32	Dimensions including feet (H x W x D)	45 x 440 x 200 mm (1.8 x 17.3 x 7.9 in) 19" wide, 1 RU high	
33	Height of feet	5.5 mm (0.2 in)	
34	Mounting	Tabletop or 19 " rack	
35	Material (top and base)	Painted metal	

36	Color (top and base)	Traffic black (RAL 9017) matt-gloss	
37	Rim front panel	Pearl light grey (RAL 9022) matt-gloss	
38	RCA nominal output	-24 dBV (+6/- 24 dB)	
39	RCA maximum output	+6 dBV	
40	S/N	> 93 dBA	
41	Certifications and approvals	CE, WEEE1,UL, FCC, CSA, ICES-003, EPS1, KCC, KC1, K-MEPS1, RCM, MEPS1, EAC, PSE1, China RoHS, CCC1, BSMI1, SASO	
42	Operating temperature	5 °C to +45 °C (+41 °F to +113 °F)	
43	Relative humidity	5% to 98% non-condensing	

<With OEM Sign, Seal & Contact Details>

< OEM Letter Head >

Annexure A

Technical Compliance Sheet & OEM Declaration of Conference Discussion Unit

Tender Name:

Tender NIT No:

Make & Model

S.No.	Parameters	Parameter's Value	Compliance Yes/No
1	Power consumption	1.3 W	
2	Frequency response	30 Hz to 20 kHz (System electrical)	
3	THD	<0.5 %	
4	S/N	>93 dBA	
5	Sampling rate	44.1 kHz	
6	Headphones load impedance	> 32 ohms < 1k ohm	
7	Loudspeaker max. peak output power	4 W	
8	Loudspeaker nominal output	72 dB SPL	
9	Participants loudspeaker frequency response	200 Hz to 16 kHz (acoustical)	
10	Microphone polar pattern	Cardioid	
11	Participants microphone frequency response	125 Hz to 15 kHz	
12	Microphone nominal input	85 dB SPL	
13	Certifications and approvals	CE, WEEE, FCC, ICES-003, KCC, RCM, EAC, China RoHS, SASO	
14	Height with microphone in horizontal	130 mm (5.1 in)	
15	Length of microphone from mounting surface	310 mm (12.2 in)	
16	Mounting	Tabletop (portable or fixed)	
17	Relative humidity	5% to 98% non-condensing	
18	Air pressure	600 to 1100 hPa	
19	Operating temperature	0 °C to +35 °C	

<With OEM Sign, Seal & Contact Details >

Annexure A

Technical Compliance Sheet & OEM Declaration of Hand Held Mic

Tender Name:

Tender NIT No:

Make & Model

Microphone, Wireless, Handheld			
Sr. No.	Features	Specifications	Compliance (Y/N)
1	Receiver Type	Synthesized PLL	
2	Frequency Range (RF)	A Band 618 - 634 MHz (Not Available in US or Canada)	
3		B Band 678 - 694 MHz (Not Available in US or Canada)	
4		C Band 516 - 532 MHz	
5		E Band 850 - 865 MHz (Not Available in US or Canada)	
6	Number of Channels	32	
7	Modulation	± 40 kHz	
8	Diversity	True Antenna	
9	RF Sensitivity	<1.0 µV for 12 dB SINAD	
10	Image Rejection	> 55 dB	
11	Squelch	Tone Code plus Amplitude	
12	Power Requirements	12-16 VDC, 500mA max	
13	Operating Temperature	5°C to 45°C (41°F to 113°F)	
14	Dimensions	43 mm H x 206 mm W x 210 mm D (1.72 in H x 7.8 in W x 8.0 in D)	
15	Audio Parameters,		
16	Frequency Response	80 Hz - 18 kHz ± 2 dB	
17	Balanced Output	20 dBV (max @ 40 kHz deviation)	
18	Unbalanced Output	Adjustable 8 mV to 0.755V RMS	
19	Distortion	< 1.0%, 0.4% typical (ref 1 kHz, 40 kHz deviation)	
20	Signal-to-Noise Ratio	> 100 dB A-Weighted	
21	Dynamic Range	> 95 dB	
22	Radiated Output	8 mW typical	
23	Back Lit LCD Display	Channel, Frequency, Mute, and Battery Level	
24	Microphone Head	Electro-Voice PL22 Cardioid Dynamic	
25	Standard Lavalier Microphone	Electro-Voice ULM18 Uni-Directional Condenser	
26	TA4F Connector Wiring	Pin 1 Ground; Pin 2 Mic Input; Pin 3 +5V bias; Pin 4 +5V thru 2.2k Ω	
27	Power Requirement	Two AA batteries	
28	Battery Life (Typical)	> 14 hours with AA alkaline typical	
29	Bodypack Antenna	Flexible external 1/4 wave	
30	Handheld Antenna	Internal proprietary	
31	Warranty: 3 Years		
32	Bidder must submit bid specific MAF on OEM letter head for service & technical support		

< OEM Letter Head >

Annexure A
Technical Compliance Sheet & OEM Declaration of Mixer Amplifier
Tender Name:
Tender NIT No:
Make & Model

S.No.	Parameters	Parameter's Value	Compliance Yes/No
1	Connector	Cinch, stereo converted to mono	
2	Sensitivity	200 mV	
3	Impedance	22 kohm	
4	S/N (flat at max volume)	>75 dB	
5	S/N (flat at min volume/muted)	>80 dB	
6	Frequency response (Line)	60 Hz to 20 kHz (+1/-3 dB @ -10 dB ref. rated output)	
7	Frequency response (Mic.)	70 Hz to 20 kHz (+1/-3 dB @ -10 dB ref. rated output)	
8	Distortion	<1% @ rated output power, 1 kHz	
9	Bass Control	Max. \pm 8 dB	
10	Treble Control	Max. \pm 8 dB	
11	Headroom	>25 dB	
12	Safety EMC emission EMC immunity	EN 60065 EN 55103-1 EN 55103-2	
13	Mic./Line input	4 x	
14	Input 1 (push-to-talk contact with priority)	5-pin Euro style, balanced, phantom	
15	Input 2	3-pin Euro style, balanced, phantom	
16	Input 3 and 4	TRS Jack (1/4, 6.3mm) balanced	
17	Max / rated	360 W / 240 W	
18	Max / rated	31 V (240 W)	
19	Sensitivity	1 mV (mic.); 300 mV (line)	
20	Impedance	>1 kohm (mic.); >5 kohm (line)	
21	Dynamic range	93 dB	
22	S/N (flat at max volume)	>63 dB (mic.); >70 dB (line)	
23	S/N (flat at min volume/muted)	>75 dB	
24	CMRR (mic.)	>40 dB (50 Hz to 20 kHz)	
25	Headroom	>25 dB	
26	Speech filter	-3 dB @ 315 Hz, high-pass, 6 dB/oct	
27	Phantom power supply	16 V via 1.2 kohm (mic.)	
28	Voltage	230 VAC \pm 10%, 50/60 Hz (reduced power at lower mains voltage)	
29	Operating temperature	-10 °C to +45 °C	
30	Storage temperature	-40 °C to +70 °C	
31	Relative humidity	<95%	
32	Acoustic noise level of fan	<48 dB SPL @ 1 m	

<With OEM Sign, Seal & Contact Details >

Annexure A

Technical Compliance Sheet & OEM Declaration of Universal Switcher

Tender Name:

Tender NIT No:

Make & Model

S.No.	Parameters	Parameter's Value	Compliance(Yes/No)
1	Signal Type	Input - HDMI and DisplayPort Alternate Mode (USB-C) Output - HDMI	
2	Copy Protection	HDCP 1.4/2.0	
3	Pixel Clock	600MHz	
4	UHD/HD/SD	4096x2160@60/50/30/25/24Hz	
5	VESA All resolutions are 60Hz	2560x1600	
6	Scaler	4K @ 60 Hz, 4:2:0,1080p @ 60 Hz (YUV/RGB, 4:4:4)	
7	USB-C	Up to 4K/UHD @ 60Hz	
8	Color Space	YUV, RGB	
9	Chroma Subsampling	4:4:4, 4:2:2, 4:2:0 ⁽¹⁾	
10	Color Depth	8-bit, 10-bit, 12-bit	
11	HDR	HDR10, Hybrid-Log Gamma (HLG), and Dolby® Vision™ @ up to 60Hz	
12	HDMI Pass-Through Formats	PCM 2.0,Dolby® Digital,DTS® Digital Surround™	
13	Analog Audio Format	PCM 2.0	
14	Sample Rate	32 kHz, 44.1 kHz, 48 kHz, 88.2 kHz, 96 kHz, 176.4 kHz, 192 kHz	
15	Bit Rate	24 Mbits/s max	
16	Port	1 x RJ45	
17	Standards and Protocols	HTTPS, Telnet, mDNS, SSL, IEEE 802.1x	
18	Speeds	10/100/1000 Mbps	
19	Addressing	DHCP, Static – selectable through rear panel, IP & RS-232 commands, and built-in web server	
20	Port	1 x 3-pin captive screw	
21	Default Parameters	115200, 8-bit, None, 1	
22	Use	Unit and external device control and configuration	
23	Baud Rates	2400, 4800, 9600, 19200, 38400, 57600, 115200	
24	Data flow	Bi-directional	
25	Port	HDMI, Type A, 19-pin female	
26	Triggering	Through IP, RS-232, and built-in web server	
27	Resolution / Distance	4K/UHD - Feet / Meters	
28	HDMI IN/OUT	15	
29	Control Buttons:	4 - momentary, tact-type	
30	HDMI IN	2 - Type A, 19-pin female	

31	HDMI OUT	2 - Type A, 19-pin female	
32	USB-C IN	1 - USB Type-C v3.1, 24-pin female, AV input (Alternate Mode)	
33	FW	1 - Mini-USB, 5-pin female	
34	AUDIO OUT	1 - 5-pin captive screw, balanced / unbalanced 2-channel	
35	RS-232	1 - 3-pin captive screw (bidirectional)	
36	LAN	1 - RJ45, 100Base-T	
37	DC 24V	1 - 4-pin, mini-DIN locking connector	
38	Operating	32 to 122	
39	Storage	-4 to 140	
40	Humidity (RH)	20% to 60%, non-condensing	
41	Operational	6.98 W	
42	Idle	2.85 W	
43	Supply	Input: 100 - 240 V AC, 50/60 Hz, Output: 24 V / 2.7 A DC	
44	Unit	1.02 x 8.62 x 5.98	
45	Power Supply	1.26 x 1.93 x 4.69	
46	Certification	CE, FCC, UL	

< OEM Letter Head >

Annexure A

Technical Compliance Sheet & OEM Declaration of 55" Display

Tender Name:

Tender NIT No:

Make & Model

S.No.	Features	Specifications	Compliance (Y/N)
1	SCREEN SIZE	55"	
2	ASPECT RATIO	16:9	
3	RESOLUTION	(3840*2160)UHD	
4	DISPLAY COLOURS	1.07B	
5	CONTRAST RATIO	1100:01:00	
6	BLUETOOTH	Yes	
7	WiFi	Inbuilt 2.4GHz	
8	CPU	Cortex-A55 x4,1.1GHz	
9	GPU	Triple core Mali470 600Mhz	
10	OS & VERSION INFO	Android TV 'P' - 9.0	
11	MEMORY FLASH	16GB EMMC	
12	RAM	2.0GB , DDR3 2133Mhz	
13	HDR 10	Yes	
14	AUDIO OUTPUT POWER (RMS)	10+10W	
15	LOGO	Yes	
16	CEC	Yes	
17	SOUND OUT(ARC)	Function OK	
18	Web Browser	Yes	
19	Media Player signage	Yes	
20	RF IN	Yes	
21	AV1 IN	Yes	
22	USB INPUT	2	
23	HDMI INPUT	3	
24	HEADPHONE OUT	1	
25	SPDIF OUT	YES	
26	RJ-45	1	
27	WEIGHT	<15kg	
28	OPERATING VOLTAGE	110V-240V~ at 50/60Hz	
29	POWER CONSUMPTION	<160 W	
30	Waranty	3 Years	
31	BIS	Yes	

< OEM Letter Head >

Annexure A

Technical Compliance Sheet & OEM Declaration of Video wall Panel 55"

Tender Name:

Tender NIT No:

Make & Model

S.No.	Features	Specifications	Compliance (Y/N)
1	Diagonal Size	55	
2	Resolution	1920*1080 (Full HD)	
3	Brightness(Typ.)	500 nit	
4	Response Time(G-to-G)	8ms	
5	Color Gamut	72%	
6	Operation Hour	24/7	
7	Haze	25% and above	
8	RGB	DVI-D, Display Port 1.2	
9	Video	HDMI 2.0 (2)	
10	HDCP	HDCP 2.2	
11	Audio	Stereo mini Jack	
12	USB	Only F/W upgrade	
13	RGB	DP1.2(Loop-out)	
14	Audio	Stereo mini Jack	
15	External Control	RS232C(in/out), RJ45	
16	External Sensor	Detachable type(IR)	
17	Power Supply	AC 100 - 240 V, 50/60 Hz	
18	Max[W/h]	242	
19	Typical[W/h]	90	
20	Sleep mode	less than 0.5W	
21	Bezel Width (mm)	1.8 mm	
22	Special Features	ACM Support(Advanced Color Management), Auto Source Switching & Recovery, Haze 28%, Temperature Sensor, RS232C/RJ45 MDC, Plug and Play (DDC2B), Video Wall(15x15(OSD)), Video Wall Daisy Chain(10x10), Pivot Display, Image Rotation, Button Lock, DP 1.2 Digital Daisy Chain(Supporting UHD Resolution, HDCP support), Smart F/W update, Clock Battery(168hrs Clock Keeping) IP5X tested.	
23	IP Rating	IP5X	
24	Media Player	Same OEM Signage player box With same OEM	
25	certification	BIS, FCC , CE , ISO 45001, UL	