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Deputy Registrar

Date: 29.09.2023

CORRIGENDUM

With regards to the Tender Notice No. F5(3808)ST/MNIT//2023

The points mentioned at next page are added in bid document No. F5(3808)ST/MNIT/2023 “Hiring of Sound system for Annual Technical Fest Sphinx’23, MNITJ” in respect of Tech Rider for Main Artist.

For details, please visit: www.mnit.ac.in and <https://eprocure.gov.in/epublish/app>

All other terms & conditions of our NIT will remain unchanged

Deputy Registrar
(Store & Purchase)

Tech Rider for Main Artist Night

GENERAL INFORMATION:

1. Complete sound check duration will be 3 hours.
2. All substitutes OR alternates suggested will be accepted post a written communication from the audio engineer. If no such communication takes place, we will assume that all the equipment required as per the audio technical rider is available for the show and it will become the promoter's responsibility to provide for the same in the given timespan.
3. All communication to be maintained in writing through emails, this should consist of load in time, rigging schedule, alternate list of equipment (If any) etc.
4. In case of an outdoor setup, all musical equipment, audio gear, monitor console and FOH console should have sufficient shade above them. The shade should be sufficient to accommodate the band member along with the instrument and audio gear to do a sound check under the sun. We recommend 10ft x 10ft x 10 nos Chinese tents. Garden umbrellas aren't accepted.
5. A 4-WAY FOH speaker system must be provided with sufficient power to evenly cover the venue.
6. The system must be able to reproduce at least 115dB SPL at the FOH console.
7. The system has to be a line array system and cannot be ground stacked whatsoever.
8. The FOH console should be placed at the center of the venue facing the stage on a riser not more than 1 feet in height and at a maximum distance of 80 feet from stage. We do not encourage FOH consoles at any other locations. A clear view of the artist and the band is required.
9. FOH Audio Console size – 16ft x 8ft x 1ft – The console should be well carpeted and masked from 3 sides. There should be clear exit and entry points in case of emergency.
10. The FOH console should have adequate security for the safety of the crew and equipment at the console.
11. Monitor console should be an extension of the stage – Facing stage RHS. The extension size should be 12ft x 12ft x same height as the stage. The monitor console needs to be masked on 2 sides. The position of the monitor console should be such that the Monitor Engineer gets a clear view of the artist and the band. Any changes in the position of the same needs to be approved in writing by either the audio engineer or tour manager.
12. The monitor console must have railings for the safety of the crew.
13. The local audio team should complete their independent sound and line check before our team arrives. All gear and musical instruments must be placed (as per stage layout) & patched, ready for our engineers to take over.
14. In case of a venue with a fixed sound system or fixed console station, we would require a separate console placed at the center of the venue for our part of the show.
15. The sound vendor should be present at the venue during the sound check and show.
16. 02 nos x bar stools to be provided at the FOH console.
17. Our engineers will exclusively manage audio for V&S Live. All other acts will have to be managed by the local audio team or sound vendor.
18. No thematic props to be placed in front of the FOH, Monitor console or Speaker system.
19. WE DO NOT SHARE OUR MICING, GEAR OR EQUIPMENT WITH OTHER ARTIST/BANDS/ACTS etc. Please ensure all requirements by other artist or performers are met appropriately and separate from ours.
20. Post sound check, none of our equipment, instruments or gear will move from its position on stage. They will remain in the same place as they were during sound check.
21. Any local sound restrictions etc must be informed to the tour manager on priority.
22. The band reserves the right to cancel the performance if any of these conditions are ignored or not communicated prior.
23. Ramps will not be allowed. Please plan your stage accordingly.

PUBLIC ADDRESSING SYSTEM:

Preferred Main PA Systems:

- Adamson E 15/E 12 – E 219
- L Acoustics – K1/K2 Series – KS28/SB28
- D&B GSL 8/GSL 12/J Series – SL Subs/J Infra Subs
- JBL VTX V25 – S28

We do not accept JBL VTI

Additional Speaker systems:

- Outriggers/Side hangs/Delay systems can only be recommended after the layout is studied.

Front Fills (To be matched with main PA):

- Adamson S10/S7
- L Acoustics Vdosc/Kara
- D&B V Series
- JBL VT 4888
- Adequate center fills to be stacked in front of dance floor.

AUDIO CONSOLES

All 48 channels will be used by the band on both the consoles. We recommend a separate console with a separate snake system for any other act or performance.

FOH CONSOLE

- **Digico SD7/SD5/SD10/SD 12. SD9 WILL NOT BE ACCEPTED**

(Must have MADI I/O cards installed) with waves soundgrid server

MONITOR CONSOLE (No exceptions)

- **Digico SD10/SD5/SD7**

Notes:

1. Monitor console must have 32 physical aux outputs.
2. Monitor console must be placed stage left next to aux 16 side fills.
3. All consoles must be upgraded with latest software and firmware. In case of any older version do inform the audio engineer well in advance.

FOH and Monitor console to be connected separately through a splitter, no gain sharing.3

Separate BNC – 75 Ohms for Klang Unit Connectivity.

ON STAGE MONITORING:

- **Wedges** x 6 nos. – Preferred Adamson M15/M212, D&B M2/M4, L Acoustics 115XT HIQ.
- Wireless IEMs x 12 nos. – Sennheiser G4 Em300 + Sennheiser IE4 ear pieces with respective combiners, antennas and distributors.
- Wired IEM x 1 no. – Fischer Amps hard wired in ear monitor.
- Side fills – 1 set as per stage plot. – Adamson S8/E 119, L Acoustics – Kara/JBL VT4887/VT4880/D&B Q Series
- The side fills to be positioned upfront and will be only for vocalist.

INPUT LIST – January 2023

CH. NO.	INSTRUMENT	Source	Microphone / DI	Stands
1		Kick In	Sennheiser E901	
2		Kick Out	Shure Beta 52A / E902	Short
3		Snare Top	Beta 56A / e904	Small Boom
4		Snare Bottom	Beta 87 / e904	Small Boom
5	DRUMS	Hi Hats	AKG C451	Small Boom
6		Rack Tom 1	Sennheiser e904	
7		Rack Tom 2	Sennheiser e904	
8		Floor Tom 1	Sennheiser e904	
9		Floor Tom 2	Sennheiser e904	
10		Ride	SM 57	Small Boom
11		OH-Left	AKG C414	Tall Boom
12		OH-Right	AKG C414	Tall Boom
13	BASS GUITAR	Bass Guitar	Radial J48	
14		Lead Guitar Line Out	Radial J48	
15	LEAD GUITAR	Lead Guitar Mic	SM 57	Small Boom
16		Lead Guitar Mic	SM 57	Small Boom
17		Keyboard 1 Left	Radial JDI	
18	KEYBOARDS	Keyboard 1 Right	Radial JDI	
19		Keyboard 2 Left	Radial JDI	
20		Keyboard 2 Right	Radial JDI	
21		Dhol Chati	SM 57	Small Boom
22	DHOL	Dhol Baya	SM 58	Small Boom
23		Shakers / Chimes	SM 57	Tall Boom
24		Djembe	Beta 58	Tall Boom
25		Duff Lo	MD421 / SM58 / E602	Small Boom
26		Duff Hi	Beta 57A	Tall Boom
27		Conga Lo	MD 421 / Beta 58A	LP Claw
28	PERCUSSIONS	Conga Hi	MD 421 / Beta 58A	LP Claw
29		Timbale Hi	SM 57 / E904	LP Claw
30		Timbale Lo	SM 58 / E904	LP Claw
31		Cymbal / Tambourine	SM 57	Tall Boom
32		Percussion Vocal	SM 58	Tall Boom
33	LAPTOP AT	On Stage Laptop Out Left	Radial J48 / Radial USB Pro	
34	KEYBAORD 1 POSITION	On Stage Laptop Out Right	Radial J48 / Radial USB Pro	
35		Keyboard 1 Vocal	Beta 58A	Tall Boom
36		Keyboard 2 Vocal / Accordion	Beta 58A	Tall Boom
37		Vocal Mic	Wireless Axient Beta 58	
38	VOCALS	Vocal Mic	Wireless Axient Beta 58	WIRELESS
39		Back up Vocal Mic 1 -	Wireless Axient Beta 58	Tall Boom
40		Back up Vocal Mic 2 -	Wireless Axient Beta 58	
41		Headset Mic	DPA 4088 HEADSET MIC	
42		Stage Piano Vocal Mic	Wired Beta 58A	Tall Boom
43		Stage Piano Left	XLR Out / Radial JDI	
44	ELECTRIC PIANO	Stage Piano Right	XLR Out / Radial JDI	
45		Dholak Hi	SM 57	Small Boom
46		Dholak Lo	SM 58	Small Boom
47		FOH Talkback	E815 Switch	
48		MONS Talkback	E815 Switch	
49		Ambience Mic Left	AKG C451	Small Boom
50		Ambience Mic Right	AKG C451	Small Boom

51	DRUMS	SNARE TOP	SM 57	Small Boom
52	DJEMBE	DJEMBE BOTTOM	SM 58	Small Boom
53	SYNTH	SYNTH L	DI	
54		SYNTH R	DI	
55	Backing Vocals	Dhol	SM 58	Tall Boom
56	Backing Vocals	Drums	SM 58	Tall Boom
57	BONGO		SM 57	Tall Boom
58	DARBHUKA		SM 57	Tall Boom
59	DHOLAK (IQBAL)	Dholak Hi	SM 57	Small Boom
60		Dholak Lo	SM 58	Small Boom

- **A Shout System between FOH and Monitor Consoles must always be provided independent of the Cue / Monitor Wedges.**
(Preferably Small size Monitors – eg: Yamaha MSP5 Monitors – Plz avoid Walkies or Clearcoms for This)

Shout System Routing:

Monitor Console Talkback Mic Input – Channel No. 48 in Stage Splitter Box
FOH Console Talkback Mic Input – Channel No. 47 or TB Input on FOH Console
FOH Talkback Mic Output from FOH Console - Aux 2

FOH Talkback Input on Monitor Console – Channel No. 47
Shout Speaker at FOH Console – Aux 3

Shout Speaker at Monitor Console – Aux 32

Switch Mics to be provided at both consoles for Talkback.

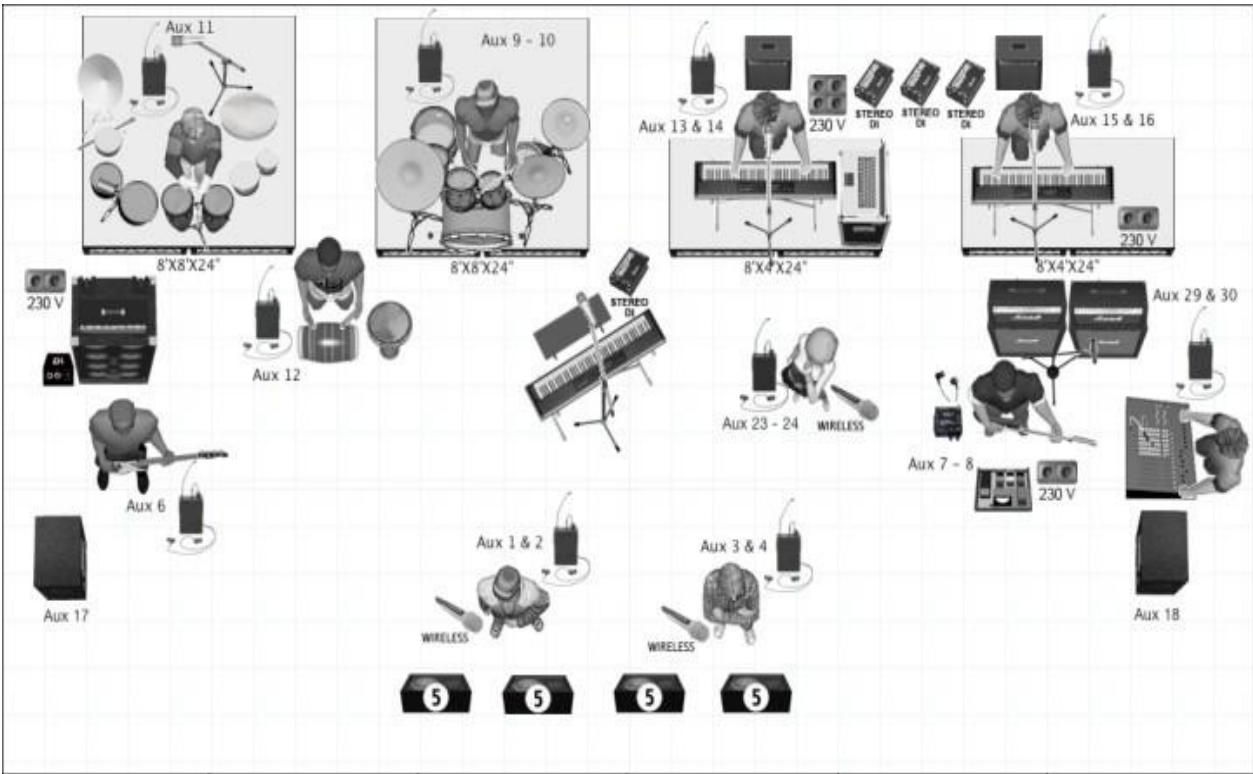
Monitor Routing 2023

Aux 1 – 2	IEM
Aux 3 – 4	IEM
Aux 5	Front Monitors (6)
Aux 6	Bass IEM
Aux 7 – 8	Guitar Wedges 2 nos.
Aux 9 – 10	Drums IEM
Aux 11	Percussions IEM
Aux 12	Dhol IEM
Aux 13 – 14	Keyboard 1 IEM
Aux 15 – 16	Keyboard 2 IEM
Aux 17	Side Fill Stage Right
Aux 18	Side Fill Stage Left
Aux 19 – 20	Back up IEM
Aux 21 – 22	Back up IEM
Aux 23 – 24	Female Vocals IEM
Aux 25 – 26	Spare IEM
Aux 29 – 30 / Cue Out	Monitor Engineer IEM
Aux 31	Piano Wedge
Aux 32	Shout Speaker at monitor console

RISERS:

<u>Sr.No.</u>	<u>Riser</u>	<u>Height</u>	<u>Length</u>	<u>Depth</u>	<u>Treatment</u>
1	Drums	1 Feet	8 Feet	8 Feet	Very Sturdy, HeavyCarpeting
2	Percussion	1 Feet	8 Feet	8 Feet	Very Sturdy, HeavyCarpeting
3	Keyboard1	1 Feet	8 Feet	4 Feet	Very Sturdy
4	Keyboard2	1 Feet	8 Feet	4 Feet	Very Sturdy

STAGE PLOT 2023



BACKLINE REQUIREMENTS 2023

All instruments and backline mentioned below have to be provided by the Sound Vendor:

<u>SR. NO.</u>	<u>Instrument</u>	<u>Requirements</u>
1.	Drums	<ul style="list-style-type: none"> • <u>6 PIECE DRUMKIT WITH CYMBALS AND HARDWARE</u> • (Pearl Drums preferred – Plz provide the appropriate sizes mentioned below) • Pearl Reference / MCX Masters Custom / MCX Masters Premium • 6 x Boom arm Cymbal Stands. • 22" Kick Drum • 14" x 6.5" Snare • 10" & 12" Rack Toms • 14" & 16" Floor Toms • 1 x 14" Zildjian K or K Custom Series Hi Hat Set • 2 x 16" Zildjian K or K Custom Series Crash • 1 x 17" Zildjian K or K Custom Series Crash • 1 x 20" Zildjian K or K Custom Series Ride • 1 x 18" China • 1 x 10" Splash • All required hardware (Plz ensure all hardware and skins are in good condition) • Drum Shield in good condition with adequate supports
2.	Percussions	<ul style="list-style-type: none"> • <u>THE FOLLOWING MUST BE PROVIDED BY THE VENDOR FOR ALL SHOWS.</u> • 1 Set of 3 LP Congas with stand • 1 Set of LP Timbales • 1 Set of Bongos • 1 Darbhuka - Meinl • 1 x 16" Zildjian A or K Series Crash with Stand • 1 nos. Djembe with Sturdy Tripod Stand • 1 nos. LP Chimes with Stand and Mount • All necessary stands for percussions and cymbals • <u>The above mentioned instruments will have to be provided by the Vendor for all shows.</u>
3.	Bass Guitar	<p><u>NO EXCEPTIONS:</u></p> <ul style="list-style-type: none"> • Ampeg SVT4 Pro with SVT 810E Cabinet • 1 x Bass Guitar Stand
4.	Lead Guitar	<p><u>In Order of Preference:</u></p> <ul style="list-style-type: none"> • 2 x Mesa Boogie Dual Rectifier Heads with 2 x Rectifier Cabinets • 2 x Marshall JCM 800 / 2000 with 2 x Marshall 1960A Cabinets (Plz avoid JCM 900) • 1 x Guitar Stand
5.	Keyboard 1	<ul style="list-style-type: none"> • 1 x Roland KC550 Keyboard Amp • <u>1 Yamaha Montage 6 or 7 Keyboard with Single Tier Stand and Sustain pedal has to be provided by the Sound Vendor for all shows. (NO WEIGHTED KEYS)</u> • <u>1 x Extra Single Tier Stand</u>
6.	Keyboard 2	<ul style="list-style-type: none"> • 1 x Roland KC 550 Keyboard Amp • <u>1 Yamaha Motif XF 6 or 7 Keyboard with Single Tier Stand and sustain pedal has to be provided by the Sound Vendor for all shows. (NO WEIGHTED KEYS)</u> • <u>1 Hohner Accordion to be provided by the sound vendor for all shows.</u>
7.	Stage Piano for	<ul style="list-style-type: none"> • 1 x Yamaha CP4 Stage Piano / Roland RD700 Stage Piano with Sustain Pedal to be provided by the Sound Vendor for all shows • 1 x Single Tier Stand • 1 x Piano Bench
8.	Music Stands	<ul style="list-style-type: none"> • 9 x Music Stands with Cue Lights

Sample Pictures (just for clarity)

DPA 4088



DJEMBE



CONVENTIONAL LIGHTS:

- **Follow spot 4.0 x 2 units**
- Haze machine with blowers x 4 units
- LED Molefays (4 Lights per unit) X 16 units
- Strobes (**Atomic 3000**) x 12 units

AUTOMATED LIGHTS:

- Moving Head Spot (**ROBE BMFL/CLAYPACKY Scenius Unico**) x 10 units
- Moving Head Wash (**ROBE BMFL/Wash/CLAYPACKY Alpha Wash 1500**) x 20 units
- Moving Head Hybrid (**CLAYPACKY MYTHOS/MARTIN Mac Axiom Hybrid**) x 32 units

LIGHTING DESK:

- **Grand MA2 Full size** or MA 2 Lite with NPU x 2 units

COMMUNICATION GEAR:

- Clearcoms x 6 units – Follow spot x 2 units/LD x 1 unit/Audio x 1 unit/AV x 1 unit/Stage RHS x 1no
- Wireless clearcoms x 6 units with 1 base station (50 m range) with operator.

MISC ELEMENTS:

- **Stage fans or blowers x 6 units, this is separate from fans required for haze/smoke machines.**

Important Notes:

- Follow spot to have dedicated operators and connected to clearcoms. A clearcoms to be at the light console with the LD assistant.
- The height of the follow spot tower to be at a minimum of 16ft or 5m.
- The follow spot tower to have safety railings for the safety of the operators.
- All equipment provided by the vendor to be in good working condition. All equipment to be tested at warehouse.
- Backup equipment like lamps/mounting hardware/clamps/safety gear to be available on site.
- Box Truss of 70ft x 50ft x 6 pillars to be provided for rigging of lights. The truss structure needs to have a valid safety certificates.
- The truss structure needs to be secured by means of safety ratchets/ballasts/safety locks. Safety is our first priority. Please do not compromise on safety aspects.

- **THE SPECIFICATIONS MENTIONED ABOVE ARE GENERIC WITHOUT CONSIDERING THE ACTUAL ARTIST. THE ACTUAL NEEDED ITEMS WILL BE INTIMATED 7 DAYS BEFORE THE EVENT SCHEDULE DATES.**
- **IN CASE THE REQUIREMENTS ARE ALTERED OR THE EVENT IS CANCELLED, PAYMENT WILL BE DONE ONLY FOR THE UPDATED REQUIRED ITEMS.**