

BENGALURU

K'taka CTO Office Conference Room Refurbished With beyerdynamic



Refurbishment part of implementing state-of-the-art audio-visual set-up for better handling the massive task of GST implementation

The Karnataka State Government's Commercial Tax Office recently refurbished its Conference Room with new audio-visual system, with a view to effectively handling the emerging situation due to the implementation of General Services Tax. Bengaluru-based Hansa Pictures Limited took the honours of installing the new AV system, with its trusted principal beyerdynamic.

The General Services Tax – or GST, as it is popularly called – while it had a massive impact on the financial administration of business establishments across the country for the very nature of the regime, it also had a different impact – for a change – on the way the enforcing authorities deliberated on the matter.

As the regime required a total overhaul of the very way tax collection policies and mechanisms, government departments concerned with the regime implementation needed to upgrade their operative systems too.

A case in a point is the Karnataka State Government Commercial Tax Office when it decided to refurbish its existing, old conferencing system with state-of-the-art audio-visual set-up for better handling the massive task of GST implementation. That the authorities needed to deliberate with

the officials from across the State on every finer aspect of the regime before it came into effect (31 July, 2017), they wanted to have in place a modern and scalable, yet less complicated conferencing system in place so that their 'connectivity-across-the-network' is smooth and effective.

That the existing set-up at the CTO central office in Bengaluru was almost a 20-year-old structure, it had to be completely overhauled with the latest. Hansa, having been entrusted by the project's Turnkey Contractor with the task of total refurbishment, proposed a solution that was essentially a traditional video-conferencing set-up, but with futuristic specs.

"Our brief was simple, it had to be scalable for all future requirements, but easy to use," informs Gautam N Shah, Head-Projects at Hansa. "There weren't many challenges, except a particular spec of video added later, and the very very short time frame."

According to the integrator, while the proposed design was almost fully approved, the client wanted video-conferencing too to be included, all that had to be complete and commissioned on a fast-track basis so that the client is fully equipped by the time GST came into effect.

"Fortunately, we made provision for video-conferencing in the set-up so that wasn't a big concern," explains Gautam. The 28 (+1 for the Chair)-seat

Conference Room therefore comprised:

- 16 units of 12-inch beyerdynamic Classis GM303 S-Condenser Gooseneck microphones
- 1 unit of Mipro ACT-311 single-channel Diversity Receiver
- 2 units of Biamp VC/Nexia TC digital signal processor
- 1 unit of Cloud CX-A850 multi-channel amplifier
- 8 units of Community Cloud 4 ceiling speakers
- 1 unit of Milestone Pro-MP-HD-88A Video mixer switcher
- 1 unit of Wyrestorm SW-0201-4K Scaler
- 1 unit of 8-channel switching accentuator
- 1 unit of Hitachi WX-4042WN 4000 lumens WXGA Multimedia projector
- 1 unit of 113-inch Pixeless motorized screen
- 2 units of 50-inch 50K310 VU Ultra HD Smart LED TV
- 1 unit of LG retractable monitor
- 6 units of Pixeless turnable pop-up boxes
- 1 unit of Polycom Real Presence Group 500-720p VC system
- 13 units of Clicktronic HDMI cables
- 2 units of Kramer VGA cable with audio

The Conferencing Room, created on the second floor of the five-storey building amidst the densely populated commercial establishments in Gandhinagar, looks very conventional in size and shape. The 29-seat, rectangular space sports a decent interior décor – done in a combination of vinyl-finish floor and pillars, and pale white walls and ceiling that is treated with diffused lighting.

That one side of the Room with huge glass windows aligns with the bustling commercial/residential establishments, the windows are treated with motorized blinds.

The Chair, facing the motorized screen at the other end, is equipped with an LG monitor in a retractable fashion so that it can lowered into the slot below the table surface with the touch of a button. Two 50-inch smart LED monitors are pillar-mounted on either side of the Chair to facilitate clear and comfortable viewing of content by participants seated far from the large motorized screen.

The table is fitted with 16 beyerdynamic GM303 Classis 12-inch goosenecks with On/Off functionality. At the other end, facing the Chair, is the 113-inch motorized screen below which is the Polycom video camera unit, mounted on the wooden rack. The Hitachi multimedia projector is mounted to the ceiling just facing the screen.

"Our choice for beyerdynamic mics and other gear was clear," says Gautam. "We have been using these brands for years now; they are par excellence," he vouches. "More, they are available anytime and support us with excellent service back-up."

That the room construction hasn't provisioned for the video-conference set-up, it did not have a structured ducting for pulling the cable, and the SI had to maneuver the cabling along the floor but with proper concealment so that it doesn't obstruct proceedings or look ugly. They also had to create a temporary whole to the wall behind the VC camera unit for pulling cable.

There were indeed some concerns of connectivity and audio audibility too, the SI was able to troubleshoot with some effort.

Overall, the client was happy with the results, as they had their desired system in place before time, and they could perform their intended tasks as per plans.

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