



**AFTER  
RENOVATION**



**BEFORE  
RENOVATION**

The PLA art theater is about 20m long and 15m wide. The original interior of the wall is wood panel and mineral wool board, and the ceiling is a combination of sheeting and mineral wool board.

**PROBLEM:** Poor f acoustics and lighting, which greatly influence the performers, and make presenting inconveniently. Need renovation to improve intelligibility for use of meeting, presenting and performance.  
**CONSTRUCTION REQUIREMENTS:** Low cost, high quality, quick installation.

**RENOVATION TREATMENT:** Adopt acoustic sand panel to transform wall and ceiling, making it maintain original simple style. Beautiful, Eco, and fire rated.



**AFTER  
RENOVATION**

**EFFECT:**

After renovation, feedback from many performances holding in it proved an excellent acoustics. Reverberation time is reasonable and meets the requirement of national standard. Variable reverberation from curtains makes it suitable for multi-purpose use of presentation, meeting and performance.

**FINAL TEST:**

Heavy curtain open, RT60 is about 1.3s in 500Hz for music.

Heavy curtain close, RT60 is about 1.1s in 500Hz for meeting and presentation.

