**Specification for Public Address and Soft music system:**

**Essential Requirements :**

1. Branded Five Zones Voice Alarm Controller with inbuilt 120 W Amplifier with frequency response of (50 – 16,000Hz),1-3 Mic inputs, 2 BGM inputs,Power amplifier input,S/N Ratio-Over 60 dB,Eight nos of sub VM 2120 is required to expand the system upto 45 zones ,A maximum of 5 messages can be stored for evacuation purpose using TOSEV200M,Westminster chime and 6 types of chime sounds are in-built.Please consider TOSEV200M and TOSSV200MA is optional
2. **Philips/ Sony or reputed CD/ MP3 Player** with USB to play soft music Quantity: 1 Nos.
3. **Branded call station** for 10 zones, Unidirectional electret condenser microphone, Red color covered Emergency button for remote emergency activation
4. **Branded** 6W, METAL GRILLE, CEILING SPEAKER – **Quantity** : **25 Nos**
5. **Branded 6W Volume Controller**-Wall Mount,5 steps (0 dB, -6 dB, -12 dB, -18 dB, OFF),0.5 - 6 W,FinishABS Resin-Milk white – **Quantity : 12 Nos.**
6. **Approved Brands for Speakers : BOSCH, SONY, PANASONIC, AHUJA.**
7. **Cabling in PVC Conduit** – Cabling in color coded (painted) PVC conduit. Approx: **300 metres.**
8. **Installation:** Inclusive of all cabling and installation of speakers on false ceiling/ceiling/wall.
9. **Warranty Period :** **Minimum TWO** years warranty for all supplied equipment and conduit cabling with color code ( enamel paint ) plastic PVC pipes.
10. **List of installations in Chennai:** Provide list of current installations ( with 15 speakers or more ) of last 3-4 yrs in **Chennai** for performance evaluation and feedback.