**Bid Proposal: Ventilation Grille Model GR-11V**

All components are made from a mill finish aluminum extrusion. The blades are made of a 6061-T6 alloy, frames are a 6063-T5 alloy and tubes are a 6063-T831 alloy. For a different surface finish, refer to the Louver Finishes and Accessories document.

1. **Blades:**
   1. A "T" profile "Cométal" AN-1100 model extruded aluminum blades up to 3.18 mm (0.125”) thick.
   2. Blades are spaced 7,00 mm (0,276") apart.
   3. Blades are at an angle of 0 degees.
   4. Grille blades are positioned vertically.
2. **Upper, lower, and side frames:**
   1. Frames are made from extruded aluminum with a minimum thickness of 3.00 mm (0.118").
   2. Frames have a depth of 44.45 mm (1¾").
   3. Frames are made from Cometal model CGV extrusions.
3. **Assembly:**
   1. Blades are connected to each other by 9.53 mm (0.375") pressed and expanded tubes spaced at intervals of 140 mm (5½").
4. **Performance:**
   1. The grilles will have a free air percentage of 53,66 % based on a 914 x 914 mm (36 x 36") grille.
5. **Installation:**
   1. Install frames, pans and grilles square, according to the manufacturer's recommendations.