**Bid Proposal: Ventilation Grille Model 100-BV**

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. Cometal model GR-30 extruded aluminum blades up to 2,00 mm (0,078") thick, in aluminum plate.
   2. Blades are spaced 9,96 mm (0,392") apart.
   3. Blades are at an angle of 30 degees.
   4. Grille blades are positioned horizontally.
2. **Upper, lower, and side frames:**
   1. Frames are made from extruded aluminum with a minimum thickness of 1,90 mm (0,0748").
   2. Frames have an overall depth of 110,6 mm (4 3/8") and a built-in depth of101,6 mm (4").
   3. Lateral frames are made from Cometal 4-L notched extruded aluminum model.
   4. Top and bottom frames are made of "Cometal" unbended blade support model.
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 65,84 % 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.