

## PRE-QUALIFICATION CRITERIA

### Mounting Of Super Charger To Drg. No Sb3338-00-16

| Description/<br>Drg. No.                          | Critical Component  | Critical Process   | VQC   |
|---|---|--|---|
| Mounting Of Super Charger To Drg. No Sb3338-00-16 | 1.Volute Chamber<br>2.Super Charger Body<br>3.Super Charger Cover<br>4.Diffuser Assembly<br>5.Rotor<br>6.Larger of gear train<br>7.Bearings<br>8.Impeller | 1.Aluminium casting<br>2.Gear Manufacturing<br>3.5Axis Precision Machining | 1. The firm should be in the field of manufacturing of similar super chargers.<br>2. The firm should have experience of manufacturing super charger items like Volute Chamber, Super Charger Body, Super Charger Cover, Diffuser Assembly, Rotor, Larger of gear train, Bearings, Impeller<br>3. The firm should have aluminium casting/ forging facility or tie-up with a reputed firm.<br>4. The firm should have adequate precision machineries like 5 axis machine , milling , boring, grinding to manufacture the subject items as per the process.<br>5. The firm should have adequate precision Gear manufacturing facility or tie-up with reputed firm.<br>6. The firm should have tie-up with reputed fastener supplier.<br>7. The firm should have test rig or test facility to test the super charger as per test procedure or tie-up with reputed firm.<br>8. The firm should have tie-up with bearing supplier.<br>9.The firm should have heat treatment facility or tie-up with reputed firm for the same.<br>10. The firm should have testing facility to check cracks, porosity, hardness and other mechanical & chemical properties etc. (or) should have tie-up with NABL laboratories. |