

### **Qualification Criteria**

The Wireless control system for ESP application shall be of proven design and shall be field tested with following criteria:

- a) The wireless control system like Master, Slave & Repeater were tested at any one of the sites minimum for 10 Motor application.
- b) The wireless control system like Master, Slave & Repeater were tested at any one of the sites minimum for 10 Thermostat application.
- c) The Master unit has to be mounted in the ACP marshaling module doors and the necessary Antenna shall be fitted on the front side of the Master unit.
- d) The Slave & Repeater unit shall be fitted inside the FRP Junction Box suitably by the Wireless supplier.
- e) The control supply 240V/110V, AC for the Slave & Repeater unit is the scope of BHEL/Ranipet.
- f) The wireless control system like Master, Slave & Repeater were Type tested for EMC & EMI compliances at any of the Government approved lab.
- g) In addition to the above requirements, the vendor shall meet the technical specification attached.