

## **LIST OF ITEMS FOR SOLID FUEL BASED POWER PLANT (Coal, Biomass, MSW-RDF)**

1. Fuel storage, Fuel preparation & Fuel handling system
2. Raw water reservoir & pumping station,
3. Water treatment (DMW) plant, D M Water storage tank & pumping system
4. Cooling tower and hot & cold water circulation system
5. Steam Generator - Boiler & auxiliaries with Economiser, Air heater & SWAS panel
6. Pollution control equipments – ESP / Suitable Scrubber system & chimney as per guideline by PCB
7. Ash handling & storage system
8. Steam Turbine Generator & auxiliaries, HP heaters and Surface condenser
9. Transformer & Electrical Evacuation / Distribution system
10. Instrumentation, Cabling and Plant DCS
11. Power house & lab
12. Balance of Plant (BoPs) Interface piping for Steam and Condensate; DG set; Air Compressor sets with receiver and instrument air piping; EOT Crane; HVAC System; Plant illumination / lighting; Lighting arrestor & Warning lights for aviation; Wireless communication system; Weigh Bridge; Fire detection & protection i.e. Fire Fighting System, etc.