**STANDARD SUPPLY**

* Boiler with furnace & smoke tubes manufactured & tested as per the IBR
* Front & Rear smoke boxes
* One set Induced draft fan with motor
* Two sets of Feed Water system comprising motorized feed water pump and feed water line
* One set of nozzle bed for husk firing
* One set Control panel - dust proof & pre-wired with necessary starters, MCB’s, contactors, relays, etc
* Platform, Ladder & Smoke Chamber at Boiler Shell
* **One Set of the IBR quality boiler mountings comprising:**
  + - 1 No. Main Steam Stop valve
    - 1 No. Blow down valve
    - 1 No. Level controller drain valve
    - 1 No. Air vent valve
    - 2 Nos. Level controller isolation valves
    - 2 Nos. Single post spring loaded safety valves
    - 2 Nos. Non-return valves in feed line
    - 2 Nos. Globe valves in feed water line
    - 2 Sets Water level gauges with glass tube
    - 1 No. Isolation valve for Pressure gauge
    - 2 Nos. Isolation valves for feed line pressure gauges
* **Instruments, Controls And Safeties:**
  + - 1 Set Automatic Water Level controller for Pump On/Off
    - 1 Set Steam Pressure Gauge with siphon, on Boiler Shell
    - 1 Set Steam Pressure Switch, on Boiler Shell
    - 1 Set Manual Control Switches for Feed Pumps/ID Fan
    - 2 Nos. Fusible Plugs
    - Alarm for Abnormal Operating conditions
* 2 Nos. Vertical feed water pumps with motors
* 1 No. Control Panel with Control Wiring
* Induced Draft Fan:
  + Centrifugal fan along with motor, base frame & belt drive assembly
* Forced Draft Fan:
  + Centrifugal fan along with motor, base frame & Inlet damper

**EXCLUSIONS:**

* Chimney and Flue Gas Ducting
* Civil Works and foundation
* Steam, water & drain piping.
* Air pre-heater .
* Refractory and Insulation material
* Power Wiring up-to terminal points of Motors
* Water Softening Plant
* Feed Water Storage Tank & Piping up-to Pumps
* Fuel Preparation, Handling and Firing System
* Ash Collection & Disposal System
* Statutory Approval at site
* Anything not specifically mentioned above