## SI no. **BOP Packages** 1 **Coal Handling Plant** 2 **Ash Handling Plant** Pre Treatment System 3 4 **RO** System 5 **DM Plant** 6 Effluent Treatment Plant (ETP) 7 **Cooling Tower CW Treatment System** 8 9 **Chlorination System** 10 Fire Protection System 11 **Ventilation System** 12 Air Conditioning System 13 Misc. Pumps (Horizontal) 14 Misc. Pumps (Vertical) 15 **CW Pumps** 16 **Rubber Expansion Joints** 17 **Butterfly Valves** 18 Gate/Globe/Check Valves 19 LP Piping including CW Piping 20 LP Dosing System (Ammonia & Hydrazine) 21 HP Dosing System (Phosphate) 22 Fuel Oil Handling System (Unloading, storage & transfer) 23 Compressor Air System (Service and Instruments Air) 24 HT (11/6.6/3.3 KV) Switchgear 25 LT Switchgear 26 Cabling 27 **HT Power Cable** 28 LT Power & Control Cable 29 Control & Instrument Cables 30 Generator Circuit Breaker 31 **HT Transformers** 32 LT Transformers 33 **HT & LT Bus-Ducts** 34 Station Lighting 35 Earthing & Lightning Protection 36 HT and LT Motors 37 **Battery and Battery Charger** 38 **Emergency DG Sets**

42 Elevators

PA system

Switchyard

39

40

41

- 43 Wagons, Locos
- 44 Cathodic Protection system
- 45 Sewage Treatment Plant (STP)

SWAS (Steam Water Analysis Syatem)

- 46 Crains and Hoists
- 47 Programmable Logic Control (PLC)
- 48 Distributed Control System (DCS)
- 49 Condensate Polishing Plant (CPP)
- 50 Mill Reject Handling System
- 51 Control Valve
- 52 Control and Relay Panel
- 53 Vibration Monitoring System (VMS)
- 54 SCADA System
- 55 Misc. Tanks
- 56 Uninterrupted Power Supply (UPS)
- 57 Hydrogenation (H2) Generation Plant
- 58 Weigh Bridge
- 59 Thermal Insulation
- 60 Chimney Elevator
- 61 Intake water system
- 62 Cable Trays
- 63 Cable Tray supports and accessories
- 64 CABLE TERMINATION AND JOINTING KIT
- 65 ELECTRICAL LAB EQUIPMENT
- 66 FIRE PROOF CABLE PENETRATION CEALING SYSTEM
- 67 WORKSHOP EQUIPMENT
- 68 ME Bellow
- 69 NGR
- 70 Sump Pumps (Vertical, Horizontal, and Submersible)
- 71 Strainer
- 72 Heat Exchanger
- 73 Travelling water screens
- 74 Debris Filters
- 75 Air trap
- 76 Steam Trap
- 77 FIELD INSTRUMENTS
- 78 COMPLEMENTRY EMMISSION MONITERING SYSTEM (CEMS)
- 79 Construction water system
- 80 Construction Power system
- 81 Wireless Communication System
- 82 CCTV
- 83 Large Video Screen (LVS)
- 84 Chemical Lab Equipment
- 85 VIBRATION ISOLATION SYSTEM (VIS)
- 86 Chain Pulley Block
- 87 Lub Oil Pumps
- 88 Memberane
- 89 Pressure Vessels (DMF, PSF, ACF)
- 90 Chemical Supplier
- 91 Flue Gas Desulphurization (FGD)
- 92 Oil Skimmer
- 93 GRP Pipes
- 94 DI Pipes
- 95 MS Pipe

- 96 SS Pipe
- 97 FRP/PVC/HDPC Pipe