

SL	DESCRIPTION	Unit of Measure	Common	Remarks
Α	Power Block			
1	Gas Turbines and Auxiliaries	sets	2	Complete Supply
2	HRSG and Auxiliaries	sets	2	Complete Supply
3	Steam Turbine & Auxiliaries	sets	1	Complete Supply
4	Condenser & Auxiliaries	set	1	Complete Supply
5	Pre-Fabricated Power House Building Structures (Wind speed 57.5 m/s)	MT	4076	Partial Supply
6	Gas Turbines Spare parts	set	1	
В	Mechanical			
1	Induced Draft Cooling Tower	set	1	Complete Supply
2	Circulating Water Pumps	nos	2	Complete Supply
3	Plate Heat Exchanger	set	1	Complete Supply
4	Horizontal Pumps	set	1	Partial Supply
5	Butterfly Valves	lot	1	Complete Supply
6	Electric Overhead Travelling Cranes	nos	2	Complete Supply
7	Misc Cranes & Hoists	set	1	Complete Supply
С	Electrical			
1	Gas insulated Switchyard	set	1	Partial Supply
2	Generator Circuit Breaker & Fittings	nos	2	Complete Supply
3	Generator Transformer	nos	3	Complete Supply
4	Dry Type transformers	nos	8	Complete Supply
5	400kV EHV cables	km	1.7	Complete Supply
6	Instrument Transformer	sets	4	Partial Supply
7	Reactor-1 & 2	sets	1	Complete Supply
8	Unit Auxiliary Transformer	sets	2	Complete Supply
9	Wave Trap	nos.	4	Complete Supply
10	Switchyard Control Panel	set	1	Complete Supply



SL	DESCRIPTION	Unit of Measure	Common	Remarks
11	Isolated Phase Bus Duct	set	1	Complete Supply
12	Electrical BOP Supply	set	1	Partial Supply
13	HT SWGR	lot	2	Complete Supply
14	Control & Relay Panel	set	1	Complete Supply
15	Aux Transformer(Oil Type)	nos	2	Complete Supply
16	LT Cables	Lot	1	Partial Supply

Notes:

- 1. The above list does not consider any consumables and spare parts for Balance of Plant equipment.
- 2. Following are exclusions from the scope:
 - i. Air Conditioning
 - ii. Ventilation System
 - iii. Gas Turbine interconnecting piping
 - iv. Fire Protection System
 - v. Fire Tender
 - vi. Compressed Air System
 - vii. Hydrogen and Carbon di-oxide Cylinders
 - viii. DM-RO Plant
 - ix. Pretreatment Plant
 - x. Chlorination Plant
 - xi. Cooling Water Treatment Plant
 - xii. Water intake System including raw water pipeline
 - xiii. Effluent Treatment Plant
 - xiv. Vertical Pumps
 - xv. Low Pressure Piping
 - xvi. Rubber Expansion Joints
- xvii. Stop Log Gates
- xviii. Fuel Gas Conditioning



Equipment List for 1 x 750 MW Gas based Combined Cycle Power Plant

- xix. Service Elevator
- xx. PLCC (Power Line Carrier Communication)
- xxi. Transmission Line
- xxii. Gas pipe line
- xxiii. Lab Instruments
- xxiv. DCS
- xxv. Station C&I
- xxvi. All and any Service not limited to erection, supervision for any

equipment/Plant.