

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.