

Amount → 300-350 TRD (quality waste)
provision

49,000 Ton waste for Segregation (stock in yard)

S.NO	Description of the Machinery / Equipments	Qty
A	Waste crane & its electrical — Tipping floor — 20cr	1 lot
B	Boiler — 56 Ton	
1	Feed Hopper	1 no
2	Ram Feeder	1 no
3	Grate	3 nos
4	Hydraulic Systems for Grate & Ram Feeders	1 nos
C	Boiler Pressure Parts	
1	Steam Drum	1 no
2	Front Water wall Panel	1 no
3	Right Side Water wall Panel	1 no
4	Left Side Water wall Panel	1 no
5	Intermediate Water wall Panel-First pass	1 no
6	Intermediate Water wall Panel-Second pass	1 no
7	Rear Water wall Panel	1 no
8	Evaporate-1 Tubes & Headers	1 lot
9	Evaporate-2 Tubes & Headers	1 lot
10	Superheater Tubes & Headers	1 lot
11	Attemperator Headers	1 lot
12	Economizer Tubes & Headers	1 lot
13	Risers & Downcomers	1 lot
14	Steam Cooled Air-Preheater (Scrap)	1 lot
15	Integral Piping	1 lot
16	Non-Integral IBR Piping	1 lot
17	Deaerator	1 no
18	Feed Water Pumps	2 nos
19	Safety Valves	1 lot
20	IBR process Valves & Control Valves	1 lot
21	Non-IBR process & Control Valves	1 lot
22	Sample Cooler System	1 lot
D	Non-Pressure Parts	
1	Gas Air- Preheater (GAPH)	1 no
2	Economical Casings	4 nos
3	Ducting-Air & Flue Gas	1 lot
4	Chutes	1 lot
5	Dampers & Expansion Joints	1 lot
6	Hoppers Below Grate	1 lot
7	Second-Third Pass Hopper	1 no
8	Economical Hopper	1 no
9	Hardware & Gaskets for Non-Pressure Parts	1 lot
10	Boiler Supporting Steel Structure	1 lot
11	Evaporator Cooler Steel Support Structure	1 lot
12	Fly ash Silo	1 no

Panel & DCS → Rs 5cr

Boiler → Rs. 25cr

Tubing → Rs. 20-25cr

PLT → Rs. 10-15cr

ACC → Rs. 5cr

Replacement cost of Machinery
Rs 80-90crs

Transformer & Substation
Rs 3.5crs

E	Flue Gas Treatment (FGT)	
✓1	Evaporator Cooler	1 no
✓2	Bag Filter	1 no
3	Activated Carbon Silo & its Support Structure	1 lot
4	Activated Carbon Feeding System	1 lot
5	Hydrated Lime Silo & its Supports Structure	1 lot
6	Hydrated Lime Feeding System	1 lot
✓7	ID fan & its Drive	1 lot
✓8	Primary Air Fan & its Drive	1 lot
✓9	Cooling Air Fan & its Drive	1 lot
✓10	Fully Retractable Soot Blowers	1 lot
✓11	Partially Retractable Soot Blowers	1 lot
✓12	HP Dosing Systems	1 lot
✓13	Submerged Belt Conveyor for Bottom Ash	2 nos
14	Grade Ridding Conveyor	1 no
✓15	Second-Third pass Drag Chain Conveyor	1 no
16	Economizer Hopper Drag Chain Conveyor	1
17	Bag Filter Outlet Drag Chain Conveyor-1	2
18	Bag Filter Outlet Drag Chain Conveyor-2	1
19	Flyash conditioner & Discharge Chute	1 no
20	Rotary Feeder at Activated Carbon Silo Outlet	1 no
21	Rotary Feeder at Hydrated Lime Silo Outlet	1
✓22	Safety Valve Silencers	1 lot
✓23	Computer Electricals & Instrumentation System for Boiler	1 lot
✓24	Boiler Refractory Insulation, Cladding & their Accessories	1 lot
✓25	Continuous Emission Monitoring System (CEMS)	1 lot
26	Furnace Camera	1 lot
✓27	LDO Burner System	1 lot
✓28	LDO unloading Storage Tank & Pumping System	1 lot
✓29	Steam Turbine, Generator & Auxiliaries-Siemens Make - 11.5 MW	
✓1	Air Cooled Conditioner (ACC) & its Auxiliaries- C Doctor Make	1 no
✓2	Condensate Storage Tank & its Support Structure	1 lot
✓3	Condensate Extraction Pumps with Drive	1 lot
✓4	Condensate Drain Storage Tank & its Pumping System	1 lot
✓5	All PRDS Stations	1 lot
✓6	Turbine Building EOT Crane	1 no
✓7	Turbine Oil Purifying System	1 no
✓8	DCS-Emerson Make	1 no
9	Air Conditioning System & Ventilation Fans - STR-Bluster	2 units
✓10	Fire Fighting System	1 lot
G	Complete electrical for power plant other than boiler	
✓1	Turbine & Generator Panels	1 lot
✓2	HT Panels	1 lot
✓3	LT Panels	1 lot
✓4	MCC Panels	1 lot

Rs 10cr

Rs 50cr

Rs 5cr

Blastic Separator 1 nos - Rs 30-35 lakhs new

5	VFD Panels	1 lot
6	Grate Panel	1 no
7	Scot Blower Panel	1 no
8	All balance Panels	1 lot
9	Cabling and related accessories	1 lot
10	Earthing	1 lot
11	Generator Transformer — 15 MVA — Vattamp Transformer	1 no
12	Auxiliary Transformer — 2.5 MVA — Vattamp	1 no
13	Other Transformers — 6034	1 lot
14	Switchyard — 132 KVA	1 lot
15	Transmission Line	1 lot
16	DG Set — 1250 KVA (Cummins genset)	1 no
17	Lighting Arrestors	1 lot
18	Lighting & Illuminations	1 lot
H Complete Instrumentation for Power Plant other than Boiler		
1	All Transmitters	1 lot
2	All Gauges	1 lot
3	UPS — 350 Ah — Hixel	1 lot
4	VFD'S	1 lot
5	CCTV'S	1 lot
6	Telemetry	1 lot
7	LCD Screens	1 lot — 4 screen
8	Effluent/ Leachate Treatment & Pumping System — 2 m ³ per hour	1 lot
9	Raw Water Treatment & Pumping System	1 lot
10	DM Water Plant & Pumping System — 3.6 m ³ per hour	1 lot
11	Service Air Compressor System	1 lot (2 nos)
12	Instrument Air Compressor System — 400 CFM Kinderscar	1 lot (2 nos)
13	LP Dosing System	1 no
14	Auxiliary Condensate Tank & Associated Pumping Station	1 no
15	Weigh Bridge	1 no
16	Auxiliary Cooling Water	1 no
17	Laboratory Instruments	1 lot
18	All other pumps	1 lot
19	Bore well Water Pumps	1 lot
20	ETP MCC Panel	1 lot

Battery charger — 450 Ah — HBL

Crane Tipping floor → 5 TON Crab crane