



SIGMA POWER & ENERGY ENGINEERS
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Our Products and Services

SI No	Equipment / System	Design, Engg	Manufact uring	E&C Supervision	Remarks
1	Oil storage tank / Day Oil tank.	Yes	Yes	Yes	For site fabricated tanks we do not undertake site fabrication.
2	Floor coil steam heater for Oil tanks.	Yes	Yes	Yes	
3	Out flow steam heater for Oil tank.	Yes	Yes	Yes	
4	Instrumentation and controls for Oil tank	Yes	Yes	Yes	
5	Tank yard Oil, steam piping.	Yes	Yes	Yes	
6	Steam tracing system for Oil system piping.	Yes	Yes	Yes	
7	Electrical tracing system for Oil system piping.	Yes	Yes	Yes	
8	Oil unloading system Pump skid assembly with all accessories.	Yes	Yes	Yes	
9	Oil pressurizing Pump skid assembly with all accessories.	Yes	Yes	Yes	
10	Pump house piping.	Yes	Yes	Yes	
11	P&ID for complete Oil system.	Yes	-	-	
12	Schedule of Valves for Oil firing system.	Yes	-	-	
13	Schedule of Instruments for Oil firing system	Yes	-	-	
14	Oil Control and Trip valve station skid assembly with all accessories.	Yes	Yes	Yes	

15	Oil Burner valve skid assembly with all accessories.	Yes	Yes	Yes	
16	Burner assembly for Oil and Gas firing complete with air register, Flame scanner, Ignitor and all accessories.	Yes	Yes	Yes	For both Wall firing system and Tangential firing system.
17	Burner assembly for Oil, B.FGas, Corex Gas, Coke Oven Gas, Bio-Gas firing complete with air register, Flame scanner, Ignitor and all accessories.	Yes	Yes	Yes	For both Wall firing system and Tangential firing system.
18	Burner assembly for Oil and Pulverised coal with air register, Flame scanner, Ignitor and all accessories.	Yes	Yes	Yes	For Tangential firing system.
19	Control and Trip valve skid assembly for Gas firing systems of Natural Gas, B.F Gas, Corex Gas, Coke Oven Gas and Bio-Gas.	Yes	Yes	Yes	
20	Burner valve skid assembly for Gas firing systems of Natural Gas, B.F Gas, Corex Gas, Coke Oven Gas and Bio-Gas.	Yes	Yes	Yes	
21	Aux. air system for purging and cooling of various equipment's with Fan and piping system.	Yes	Yes	Yes	
22	BMS Logics for Oil firing, Gas firing, Coal firing and Multi fuel fired systems as per NFPA.	Yes	No	No	
23	Coal piping from Mill	Yes	Yes	Yes	

	outlet to Burner inlet complete with supports.				
24	O&M Manuals for above equipment's and system.	Yes	-	-	
25	R&M of fuel firing system and its controls for Corner fired Boilers.	Yes	Yes	Yes	For corner fired (Tangential firing system) Boilers only.
26	Fabrication of Burner assembly for Coal, Oil and Gas firing systems with OEM drawings.	No	Yes	Yes	Fabrication will be done with OEM drawing.
27	Valve skid assembly complete with instruments and accessories for Duct Burner systems of HRSG units.	Yes	Yes	Yes	