



SIGMA POWER & ENERGY ENGINEERS
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LIST OF MAJOR PURCHASE ORDERS, Updated 30 Dec 2010

SL No	P.O. Description	Customer	Project	Boiler, MW / TPH
01	Design, Engineering of Tilting Tangential Burner assembly for Coal & Oil Firing, Design & Engg of P&ID, BMS logics for implementation in SIEMENS PLC system.	Alstom Projects India Ltd.	Durgapur Projects Ltd	75MW
02	Manufacturing & Supply of Tilting Tangential Burner assembly for Coal and Oil Firing, Oil gun assembly.	Alstom Projects India Ltd.	Durgapur Projects Ltd	75MW
03	Inspection, Erection & Commissioning Supervision of Tilting Tangential Burner assembly for coal and Oil Firing	Alstom Projects India Ltd.	Durgapur Projects Ltd	75MW
04	Design Engineering of Wind box assembly including Burner assembly with Tilting Mechanism for Coal & Oil Firing.	Alstom Projects India Ltd.	Gujarat Electricity board	120MW
05	Manufacturing & supply of Wind box assembly including Burner assembly with Tilting Mechanism for Coal & Oil Firing.	Alstom Projects India Ltd.	Gujarat Electricity board	120MW
06	Design, Engineering of Wind box assembly including Burner assembly with Tilting	Alstom Projects India Ltd	Renusagar Power Division Unit 1 & 2	272 TPH

	Mechanism for Coal & Oil firing System. Preparation of BMS logics for implementation in DCS system.			
07	Manufacturing and Supply of Wind box assembly including Burner assembly with Tilting Mechanism for Coal & Oil Firing System	Alstom Projects India Ltd	Renusagar Power Division Unit 1 & 2	272 TPH
08	Design, Engineering of Burner assembly for BF Gas, Corex gas & Oil firing System. Design & Engg of BMS logic diagram for multi fuel system.	Alstom Projects India Ltd	Jindal Power	390 TPH
09	Manufacturing and Supply of Burner assembly for BF Gas, Corex gas & Oil firing System.	Alstom Projects India Ltd	Jindal Power	390 TPH
10	Design, Engineering of Wind box assembly including Burner assembly with Tilting Mechanism for Coal & Oil firing System.	Alstom Projects India Ltd	Renusagar Power Division Unit 3 & 4	272 TPH
11	Manufacturing and Supply of Wind box assembly including Burner assembly with Tilting Mechanism for Coal & Oil Firing System	Alstom Projects India Ltd	Renusagar Power Division Unit 3 & 4	272 TPH
12	Design, Engineering, Detailed engineering of BF Gas firing system, Burner Wind box assembly, Coal piping layout for corner fired Boiler.	Alstom Projects India Ltd	Bokaro Power Supply Company P Ltd.	300 TPH

13	Design, Engineering, Manufacturing and Supply of BF Gas Burner System for Sinter plant.	JSW, Salem	JSW, Salem	Sinter Plant
14	Design, Engineering, Manufacturing and Supply of BF Gas Fixed Burner System for Billet heating furnace.	JSW, Salem	JSW, Salem	Billet furnace
15	Supply Erection & Commissioning of Tundish Drier.	JSW, Salem	JSW, Salem	Heater
16	Modification of Burner assembly for BF Gas and Oil firing System.	Cethar Vessels (P) Ltd	JSW, Tornagallu.	85 TPH
17	Design, Engineering, Manufacturing and Supply of Burner Accessories for BF Gas and Oil Firing System.	Cethar Vessels (P) Ltd	JSW, Tornagallu.	85 TPH
18	Design, Engineering, Manufacturing and Supply of Burner assembly Oil Firing System.	Cethar Vessels (P) Ltd	Shree Ramrupai Balaji Steels	85 TPH
19	Design, Engineering, Manufacturing and Supply of Burner assembly Oil Firing System.	Cethar Vessels (P) Ltd	Shree Ramrupai Balaji Steels	170 TPH
20	Design, Engineering, Manufacturing and Supply of Burner assembly Oil Firing System.	Cethar Vessels (P) Ltd	Binani Cements Unit – 1	22.3 MW
21	Design, Engineering, Manufacturing and Supply of Burner assembly Oil Firing System.	Cethar Vessels (P) Ltd	Binani Cements Unit – 2	22.3 MW
22	Design & Engineering of P&ID, BMS logics, Design, Engineering , Manufacturing and Supply of valve skid for Gas fired Boiler.	Cethar Vessels (P) Ltd	Greendome Petrochemicals Sharjah.	2 x 30 TPH

23	Design, Engineering, Manufacturing and Supply Wind Box Burner Assembly with Oil Gun, BF Gas Nozzles and COG Nozzles.	Alstom Projects India Ltd	Tata Power Company Ltd.	2 x 230 TPH
24	Design & Engineering of Valve rack assembly, Supply of Oil & Gas Valve Skid Assembly for Duct Burner System for Duct Burner System	L&T, Baroda.	IOCL-Panipat	HRSG, 5 Boilers.
25	Design, Engineering, Manufacturing and Supply Burner assembly Oil Firing System.	Cethar Vessels Ltd	Sakthi Sugar	CFBC Boiler.
26	Design, Engineering, Manufacturing and Supply Burner assembly Oil Firing System.	Cethar Vessels Ltd	Shree Cement	CFBC Boiler.
27	Design, Engineering, Manufacturing and Supply Burner assembly Oil Firing System.	Cethar Vessels Ltd	ACC, Bargarh.	CFBC 2 Boilers.
28	Design Engineering, Manufacturing & Supply of Burner Wind Box.	Alstom Projects India Ltd	NTPC, Tanda	4 x 110MW Boiler.
29	Design, Engineering, Manufacturing and Supply Supply of Fuel Oil Firing System & Fuel Oil / Natural Gas Burner.	Cethar Vessels Ltd	MRF, Chennai.	30 TPH
30	Design, Engineering, Manufacturing and Supply of Gas firing system with Gas Burner.	Cethar Vessels Ltd	Manali Petro Chemicals	FBC Boiler
31	Manufacturing & Supply of Crude Oil Burner Assy.	Ansaldo Boilers India Ltd.	Shuaibah, Saudi Arabia.	3 x 400 MW Boilers.

32	Manufacturing & Supply of Oil / Gas Burner Assy.	Ansaldo Boilers India Ltd.	IOC, Panipat	2 x 400 TPH Boilers.
33	Design, Engineering, Manufacturing and Supply Burner assembly Oil Firing System.	Cethar Vessels Ltd	Orient Cements	CFBC 2 Boilers.
34	Design, Engineering, Manufacturing and Supply Burner assembly Oil Firing System.	Cethar Vessels Ltd	ACC, Wadi	CFBC 2 Boilers.
35	Manufacturing and Supply of Coal / Oil Burners.	Ansaldo Boilers, India	OPG Power, 80 MW	80 MW Boiler
36	Design, Engineering, Manufacturing and Supply of Oil Burner assembly for T.T firing system.	Reliance Infrastructure Ltd, Noida.	Deenbandhu Chhotu Ram Power Project, Yamuna Nagar.	2x300 MW, Shangai Electric, China, Boliers.
37	Design, Engineering, Manufacturing and Supply of Oil Burner assembly for T.T firing system.	Haryana Power Generating Company Ltd.	Deenbandhu Chhotu Ram Power Project, Yamuna Nagar.	2x300 MW, Shangai Electric, China, Boliers.
38	Design, Engineering, Manufacturing and Supply Bio Gas firing system with BIO Gas Burner.	Cethar Vessels Ltd	Empee Power	90 TPH Travelling Grate Boiler.
39	Design, Engineering, Manufacturing and Supply of Spent gas and LDO firing system and Burner assembly.	Cethar Vessels Ltd	IOL Chemicals.	80 TPH, AFBC Boiler.
40	Design, Engineering, Manufacturing and Supply of Bio Gas firing system with BIO Gas Burner.	Cethar Vessels Ltd	SMPSSK.	50 TPH and 140 TPH FBC Boilers.
41	Design, Engineering, Manufacturing and Supply of Burner assembly and Oil Firing System with BMS.	Cethar Vessels Ltd	Usha Martin	FBC Boiler
42	Design, Engineering, Manufacturing and	Cethar Vessels Ltd	GSFC, Vadodra.	50 TPH Boiler.

	Supply of Natural Gas, Capro off Gas, LSHS firing system with Burner assembly and BMS.			
43	Commissioning support for Duct Burner system for HSRG Boilers	L&T, Vadodra	IOCL, Naptha Cracker Project, Panipat.	5 x 95 TPH HRSG.
44	Design, Engineering, Manufacturing of Simplex basket filter assembly for LDO Pump set.	Cethar Vessels Ltd	Shree cements	CFBC Boiler
45	Design, Engineering, Manufacturing of LDO pump set assembly.	Cethar Vessels Ltd	Shree cements	CFBC Boiler
46	Design, Engineering, Manufacturing of Duplex Basket filter assembly for Fuel oil system.	BHEL, Trichy - Jayaram Engg works, Trichy.	NTPC Projects	PC fired 500 MW and 660 MW Boilers.
47	Design, Manufacture and supply of Wind box assembly and mandatory spares for NTPC, Talcher project.	NASL, New Delhi.	NTPC, TTPS 2x110 MW	110 MW