



R. Singh & Associates (P) Ltd

MAJOR PROJECTS – INTERNATIONAL

S.No.	Project	Capacity	Major Facility	Technological Equipment Supplier	Consultant's Role
1	Medium Section Mill	400,000 tpa	100 tph walking beam type reheat furnace, 1 no. 2 Hi sliding and reversing mill, 4 nos. universal stands with quick roll changing device, automatic profile guage, how saws, cooling bed, straightening machine, cold saw	SMS Group / Pomini	Detailed Engineering and Project Management Assistance
2	Rebar Mill	1,630,000 tpa	245 tph reheat furnace, 14 stands mill + 2 x 8 stand block, cooling bed, shear, pinch rolls, bar handling system , 8 to 40 mm diarebars	SMS Group	Consultancy & Project Engineering
3	Steel Melt Shop and Oxygen Plant	650,000 tpa	70 t EAF with scrap preheating, 70 t LF 9/16 m, 4 strand billet caster , 250 tpd oxygen plant	Danieli	Detailed Engineering and Project Management Assistance
4	Merchant Mill	650,000 tpa	120 tph reheat furnace, 16 stand mill, cooling bed, product handling system, compact merchant mill, continuous type	Danieli	Detailed Engineering and Project Management Assistance
5	Oxygen plant	250 tpd oxygen plant	Liquid oxygen, nitrogen, argon	Air Liquide, France	Consultancy & Project Engineering
6	Bar & Wire Rod Mill	350,000 tpa (bars 8-32 mm and wire rod 5.5 to 16 mm)	Pusher type – 60 t RHF, 10 stand finishing block, HSD system, 66 m automatic rake type cooling bed, laying head, LCC, Reforming tub, compactor	SMS GROUP	Consultancy & Project Engineering
7	Bar Mill	600,000 (Multi slit rolling)	18 stands cont. reheat furnace, high speed wire rod line, 66 m cooling bed.	Danieli / Bendotti	Consultancy & Project Engineering
8	Beneficiation / Pellet Plant	120,000 tpa 800,000 tpa	RMHS section, grinding section, processing filter press, storage and conveying Baling section, travelling grate, rotary kiln, annular cooler,	Hondga, China / Indian / European	Consultancy & Project Engineering
9	Steel Melt Shop and Bar Mill	1,100,000 tparebars (8 to 40 mm) and 1,200,000 tpa billets (130 mm & 150 mm section size in 12 mm length)	140 t EAF, 140 t LF, 9/16 m 5 strand billet caster, 8.7 MW Induction heater, 16 stands mill, 6 stand high speed block, cooling bed, bar handling system	SMS Siemag and SMS Meer	Tender Evaluation, Technical & Commercial Contract Finalization, Review of Basic Engineering & Project Management Services
10	Bar Mill	1,400,000 tparebars (8 to 36 mm)	245 tph reheat furnace, 23 MW Induction heater, 14 stand continuous mill, 2 x 8 stand fast finishing block, cooling bed, 2 x bar handling systems	Danieli	Consultancy & Project Engineering
11	Steel Melt Shop	370,000 / 570,000 tpa	50 t x 2/3 Induction furnaces, 60 t Ladle furnace, 3 strand 9 m Billet Caster	Inductotherm / Danieli	Detailed Engineering and Project Management Assistance
12	Bar Mill	500,000 tparebars (10 to 40 mm)	100 tph reheat furnace, 16 stands mill, cooling bed, bar handling system	Bendotti, Italy / HCETIN, Turkey / Armech, India	Consultancy & Project Engineering
13	Cold Mill Complex	150,000 mt / annum	Cold Rolling Mill, Bell Annealing Furnace & Shot Blasting	Hitachi, Allied Industries	Consultancy & Project Engineering
14	EAF Steel Melt Shop	2.8 million ton billets	2 x 100 t EAF & 100 t LF (addition of the third EAF / LF)	Danieli, Itlay	Consultancy & Project Engineering for The 3rd EAF / LF
15	Steel Melt Shop	350,000 tpa billets (130 mm sq.)	50 t EAF, 50 t LF, 7 m 3 strand billet caster	Danieli	Consultancy & Project Engineering
16	Bar Mill	450,000 tpa : rebars (8 to 50 mm), equal angles (25 to 100 mm), channels (75x40 mm to 125x65 mm)	100 tph reheat furnace, 20 stands mill, cooling bed, bar handling system	Danieli	Consultancy & Project Engineering