

JASH ENGINEERING LIMITED, INDORE
“WE ARE WELL EQUIPPED”

Total Plot Area : 3,20,000 Sq. feet Approx.

Built up Area : 1,23,000 Sq. feet. Approx.

1.GATES PLANT

A. PLANT AREA			
	Built - Up Existing Area	:	41,000 Sq. feet Approx.
B. LIST OF MACHINERIES			
S.NO.	NAME OF EQUIPMENT/MODEL NO./MAKE	QTY.	SPECIFICATION
1	CNC Vertical Machining Centre with 18 Station Tool Centre Model: FEELER FV -1000, FANUC OMC Control (Make – Fair Friend Enterprise Co. Ltd., Taiwan)	1	1.02(L) x 0.56(W) x 0.56 (H) M
2	CNC Turning Centre with 8 Station Tool Turret Model: FEELER FTC - 30, FANUC OTC Control (Make – Fair Friend Enterprise Co. Ltd., Taiwan)	1	Swing Over Carriage Dia. 450mm, 250 mm max cross travel (X) 670mm longitudinal travel (Z)
3	CNC Vertical Boring & Milling Machine Model: KOLB KBNG – 85, Siemens 810 Control (Make – Hermann Kolb, Germany)	1	2.5(L) x 1.615 (W) x 1.25 (H) M
4	CNC Vertical Jig Boring & Milling Machine Model: WMW MIKROMAT 9B, FANUC OMC Control (Make–WMW, Germany)	1	1.12 (L) x 0.7 (W) x 0.6 (H) M
5	CNC Vertical Machining Centre Model: SM – 2000S, Siemens Control (Make – Sanco, Taiwan)	1	2.1(L) x 1.2 (W) x 0.5 (H) M
6	CNC Vertical Machining Centre Model: MAL–30L (Make- Mori Seiki, Japan)	1	1.5(L) x 0.55 (W) x 0.4 (H) M
7	Thyristor Drive Variable Speed Double Column Planomilling Machine with 2 Nos. 5 HP Milling Head and Right Angle Milling Attachment (Make- Jash Engineering Limited, India)	1	7.2 (L) x 3.2 (W) 1.2 (H) M

8	Double Column Plano milling Machine with 2 Nos. 10 HP Milling Head (Make – Jash Engineering Limited, India)	1	5.6 (L) x 2.0(W) x 1.6 (H) M
9	Thyristor Drive Variable Speed Double Column Planomilling Machine with 2 Nos. 10 HP Milling Head and Right Angle Milling Attachment (Make- Tulpar, India)	1	3.65(L) x 2.59(W) x 1.6 (H) M
10	Single Column Hydraulic Planning Machine With 2 axis Eli DRO System Model: FAVRETTO P - 3000 (Make – Beco, India)	1	3.0(L) x 0.75(W) x .0.75 (H) M
11	Vertical Turret Lathe With 2 axis Heidenhain DRO System, Pallet Changer and 4 Station Tool Turret Model – Indexer SDE-125 (Make – Dorries, Germany)	1	1.25 Dia x 1.0 (H) M
12	Horizontal Boring Machine With 3 axis Eli DRO System, dia.100 mm Spindle (Make – Karam, India)	1	2.0 (L) x 1.0 (W) x 1.0 (H) M
13	Vertical Milling Machine Model - FN- 1V (Make – HMT, India)	1	0.56(L) x 0.25 (W) x 0.375 (H) M
14	Capstan Lathe Machine Model – (Make – TOSS)	1	0.9 Dia x 5.0 (L) M
15	Capstan Lathe Machine Model – (Make – Herbert No 4 Senior, England)	1	0.4 Dia x 1.0 (L) M
16	Lathe Machine Model – Enterprise 2215 (Make – Kirloskar, India)	1	4M Admit, 0.28M Swing over bed
17	Lathe Machine Model – Shimoga No .5 (Make – Kirloskar, India)	1	2.7M Admit, 0.355 M Swing
18.	Thread Whirling Machine on VDF Teco Lathe (Make - Burgsmuller, Germany)	1	3000 (L) x DIA 250mm
19	Hydraulic Rod straightening Machine (Make – Jash, India)	1	6000mm (L), 70 Tonnes capacity
20	Heavy Duty Radial Drilling Centre Equipped With 2 Nos. HMT Make RM 65 Drilling Machine and C.I. Bed Plate of 3000 x 3000 mm Size with 3 Nos.Box Supports of 1300 x 925 x 550 mm Size	1	Capacity 65 mm Dia. In Steel Drilling Radius 2.35 M Drilling Depth 1.645 M Extended drilling depth 3 M
21	Radial Drilling Machine Model – RDH 325 4T (Make – CKP Industries, India)	1	22 mm Dia.
22	Drilling & Tapping Machine Model – SM-23 TD-P (Make – Thakoor Maschinen Fabrikd,India)	1	12 mm Dia.

23	Shaping Machine, Model – RUN-UP (Make – Jyoti, India)	1	0.355 M Stroke x 0.235 wide
24	Tool & Cutter Grinder, Model GTC – 28 (Make- HMT, India)	1	Swing Radius – 0.14 M Admit Centre – 0.615 M
25	Metal Cutting Machine (Make –Lexon, India)	1	10” Capacity
26	C.I. Marking Plate With C.I.Floor Stands (Make – Jash Precision Tools Ltd., India)	1	2.0 x 2.0 M
27	Cast Iron T – Slotted Plate With Fabricated Stand (Make – Jash Precision Tools Ltd., India)	1	2.0 x 1.0 M
28	Angle Plates (Make – Jash Precision Tools Ltd., India)	1	0.70 x .042 x 0.70 M
		1	0.60 x 0.51 x 0.80 M
		1	0.45 x 0.30 x .035 M
		2	0.15 x 0.12 x 0.13 M
		1	0.175 x 0.115 x 0.14 M
29	Box Angle Plates (Make – Jash Precision Tools Ltd., India)	1	1100 x 1200 x 480 mm
		1	600 x 750 x 450
		1	450 x 350 x 300
		2	0.35 x 0.20 x 0.25 M
		2	0.121 x 0.60 x 0.80 M
		2	0.18 x 0.26 x 0.15 M
30	Swivel Angle Plate (Make – Jash Precision Tools Ltd., India)	1	0.30 x 0.15 x 0.10 M
31	Tilting Table (Make – Jash Precision Tools Ltd., India)	1	0.30 x 0.15 x 0.11 M
C.	LIST OF QUALITY CONTROL EQUIPMENT		
1.	C.I. Layout Plate, (Make – Jash Precision Tools Ltd., India)	1	5 x 4 M Size plate comprising of 2 Nos. 3 x 2 M Size and 1 No. 4 x 2M Plates.
2.	Parallel Straight Edges (Make – Jash Precision Tools Ltd., India)	1	0.300 M LG
		1	1.00 M LG
		1	4.00 M LG
3.	Camel Back Straight Edges (Make – Jash Precision Tools Ltd., India)	1	3 .00 M LG
4.	Height Vernier (Make - Mitutoyo, Japan)	1	0 - 600 mm
5.	Height Vernier (Make - Mitutoyo, Japan)	1	0 - 450 mm
6.	Depth Vernier (Make - Mitutoyo, Japan)	5	0 - 150 mm
7.	Depth Vernier (Make - Mitutoyo, Japan)	1	0 - 200 mm

8.	Depth Vernier (Make - Mitutoyo, Japan)	1	0 - 300 mm
9.	Vernier Caliper (Make - Mitutoyo, Japan)	12	0 - 300 mm
10.	Vernier Caliper (Make - Mitutoyo, Japan)	2	0 - 200 mm
11.	Vernier Caliper (Make - Mitutoyo, Japan)	1	0 - 450 mm
12.	Dial Vernier Caliper (Make - Mitutoyo, Japan)	1	0 - 150 mm
13.	Dial Vernier Caliper (Make - Mitutoyo, Japan)	1	0 - 200 mm
14.	Vernier Caliper (Make - Mitutoyo, Japan)	1	0 - 600 mm
15.	Vernier Caliper (Make - Mitutoyo, Japan)	6	0 - 150 mm
16.	Bevel Protector (Make - Mitutoyo, Japan)	1	0 - 180o
17.	Try Square (Make - Mitutoyo, Japan)	2	150 mm
18.	Try Square (Make - Mitutoyo, Japan)	4	300 mm
19.	Steel Scale (Make - Mitutoyo, Japan)	1	0 - 1000 mm
20.	Steel Scale (Make - Mitutoyo, Japan)	1	0 - 600 mm
21.	Steel Scale (Make - Mitutoyo, Japan)	1	0 - 500 mm
22.	Dial Depth Gauge (Make - Mitutoyo, Japan)	1	0 - 200 mm
23.	Bore Gauge (Make - Mitutoyo, Japan)	1	18 - 35 mm
24.	Bore Gauge (Make - Mitutoyo, Japan)	1	35 - 60 mm
25.	Bore Gauge (Make - Mitutoyo, Japan)	1	50 - 100 mm
26.	Dial Gauge (Make - Mitutoyo, Japan)	1	0 - 0.5 mm
27.	Plunger Dial Gauge (Make - Mitutoyo, Japan)	11	0 - 10 mm
28.	Plunger Dial Gauge (Make - Mitutoyo, Japan)	2	0 - 5 mm
29.	Plunger Dial Gauge (Make - Mitutoyo, Japan)	2	0 - 1 mm
30.	Outside Micrometer (Make - Mitutoyo, Japan)	2	0 - 100 mm
31.	Outside Micrometer (Make - Mitutoyo, Japan)	1	25 - 50 mm
32.	Outside Micrometer (Make - Mitutoyo, Japan)	1	0 - 25 mm
33.	Outside Micrometer (Make - Mitutoyo, Japan)	1	50 - 150 mm
34.	Outside Micrometer (Make - Mitutoyo, Japan)	1	150 - 300 mm
35.	Outside Micrometer (Make - Mitutoyo, Japan)	1	300 - 450 mm
36.	Inside Dial Caliper (Make - Mitutoyo, Japan)	1	10 - 30 mm
37.	Inside Dial Caliper (Make - Mitutoyo, Japan)	1	20 - 40 mm
38.	Poldi Hardness Tester (Portable) (Make – Keybey, India)	1	250 BHN
D. LIST OF HYDRO TESTING EQUIPMENT			
1.	Vertical Test Bench	1	Suitable for hydro testing of gates upto 2200 x 2200 mm size.
2.	Vertical Test Bench	1	Suitable for hydro testing of gates upto 1200 x 1200 mm size.
3.	Horizontal Test Bench	1	Suitable for hydro testing of gates upto 3200 x 4500 mm size.
4.	Positive Displacement Screw Pump	2	Suitable for water head pressure upto 50 M.
5.	Pressure Gauge (Pg-05) (Make –H.Guru, India)	1	0 – 2.1 Kg/Cm ²

6.	Pressure Gauge (Pg-54) (Make - H.Guru, India)	1	0 - 10 Kg/Cm ²
7.	Pressure Gauge (Pg-54) (Make - H.Guru, India)	1	0 - 28 Kg/Cm ²
E.	LIST OF PAINTING EQUIPMENT		
1.	Painting Chamber With Airless Spray Gun and air exhausting system Model: G15 (Make: WAGNER,)	1	Paint Booth size 4.5 (L) x 4.0 (W) x 3.95 (H) M
2.	Painting Chamber With EOT Crane of 1 Tonnes Capacity	1	30 feet x 20 feet
3.	Digital Dew Point Meter Model - PWT- 411 (Make Elmetron, India)	1	0 - 100% RH & -20 °C to +70 °C
4.	Mini Infrared Thermometer -62 (Make - Fluke, China)	1	-30 °C to +500 °C
5.	Td Scan Tester (Make - Eutech Instrument, Malaysia)	1	10 - 1990 PPM
6	Pull Off Adhesion Tester Model - POSITEST AT (Make - Defelsko, USA)	1	0 - 3000 Psi
7	Multi Voltage Pinhole detector Model - PD-990 (Make – Caltech Engineering Services, India)	1	
8	Portable Abrasive SHOT blasting machine with chamber Model: P7- 501R (Make: Mecshot Pvt Ltd., India)	1	Paint Booth size 4.5 (L) x 4.0 (W) x 3.95 (H) M
F.	LIST OF HANDLING & OTHER MISCELLANEOUS EQUIPMENT		
1	Hydra Model – ACE 12XW (Make – Action Construction Equipment Ltd, India)	1	12 Tonnes
2	Eot Crane Model – S.W.L. 15 (Make: Skyline, India)	1	15 Tonnes
3	Eot Crane Model – S.W.L. 3 (Make: Skyline, India)	1	3 Tonnes
4	Electrical Hoist Model-RG1025ISFMVII (Make – Consolidated Hoists Pvt Ltd., India)	2	0.25 Tonnes
5	Screw Compressor Model - Ga-15 (Make - Atlas Copco, India)	1	L/S - 44.6
6.	Eot Crane (Make – Avon, India)	1	15 Tonnes
7	Eot Crane (Make - Avon, India)	1	10 Tonnes

8	Eot Crane (Make – Morries, India)	1	5 Tonnes
9	Eot Crane (Make Safex, India)	1	0.5 Tonnes
10	Eot Crane (Make Safex, India)	1	2.0 Tonnes

2. VALVE PLANT

A.	PLANT AREA		
	Built – Up Existing Area	:	23,000 Sq.feet
B.	LIST OF MACHINERIES		
S.NO.	NAME OF EQUIPMENT/MODEL NO./MAKE	QTY.	SPECIFICATION
1	Lathe Machine Model - CDL - 6251 (Make – DMTG, Taiwan)	1	Dia. 400 x 900(L) mm
2	Universal Swivel Head Milling Machine Model - X6232A (Make – Lunan, Taiwan)	1	1100(L) x 200(W) x 500(H) mm
3	Vertical Milling Machine With 3 - Axis DRO (Make - Sachman Reggio Emilia, Italy)	1	1300(L) x 400 (W) x 600 (H) mm
4	Radial Drill Machine Model - Z3232 X 8/1 (Make – Hoyland, Taiwan)	1	Max drill size dia 32 mm Max swing dia 800 mm
5	Radial Drill Machine Model - Z3050 X 16/1 (Make - Hoyland, Taiwan)	1	Max drill size dia 50 mm Max swing dia 1600 mm
6	Radial Drill Machine Model – RF - 50 (Make - Csepel Muvek Hungary)	1	Max drill size dia 50 mm Max swing dia 1600 mm
7	Vertical Spindle Surface Grinder (Make - HPSM, India)	1	Head dia 400 mm table size 1000(l) x 500(w) mm
8	Belt Polisher (Make - HPSM, India)		2400(L) x 1200(W) mm
C.	LIST OF QUALITY CONTROL EQUIPMENT		
1.	Vernier Caliper (Make - Mitutoyo, Japan)	1	0 - 300 mm
2.	Vernier Caliper (Make - Mitutoyo, Japan)	5	0 - 150 mm
3.	Dial Depth Vernier (Make - Mitutoyo, Japan)	1	0 - 200 mm
4.	Depth Vernier (Make – Mitutoyo, Japan)	2	0 - 150 mm
5.	Dial Inside Caliper (Make - Mitutoyo, Japan)	2	10 - 30 mm
6.	Dial Vernier Caliper (Make - Mitutoyo, Japan)	1	0 - 200 mm

7.	Dial Depth Vernier (Make - Mitutoyo, Japan)	1	0 - 200 mm
8.	Micrometer (Make - Mitutoyo, Japan)	2	0 - 25 mm
9.	Micrometer (Make - Mitutoyo, Japan)	1	25 - 50 mm
10.	Filler Gauges (Radius) (Make - Mitutoyo, Japan)	1	7.5 – 15
11.	Thread Gauges (Pcg) (Make - Mitutoyo, Japan)	2	4 - 42 TPI
12.	Thread Gauges (Pcg) (Make - Mitutoyo, Japan)	1	0.4 - 7 TPI
13.	Filler Gauges (Make - Mitutoyo, Japan)	6	0.03 - 0.5 mm
14.	Bevel Protector (Make - Mitutoyo, Japan)	1	0-360 ⁰
15.	Micro tester (Paint Thickness Gauge) (Make -Elektro)	1	
16.	Dial Gauge (Plunger) (Make - Mitutoyo, Japan)	2	LC 0.01 mm
17.	Height Gauge Vernier (Make - Mitutoyo, Japan)	1	0 - 600 mm
18.	Height Gauge Vernier (Make - Mitutoyo, Japan)	1	0 - 1000 mm
19.	Combination Set (Make - Mitutoyo, Japan)	1	
20.	Assembly Table For Large Valves	5	4000(L) x 1200(W) x 750(H) mm
21.	Self Contained Assembly Table for small valves with Independent Endless Trolley & Hoist of 500 Kgs. Capacity, each assembly table suitable for 2 independent assembly positions.	4	1800(L) x 2500(W) x 750(H) mm
D. LIST OF TESTING EQUIPMENT			
1.	Hydro Pneumatic Testing Rig	2	Valve Size DN 700 - 1200 mm (30 Kg/Cm ²)
2.	Hydro Pneumatic Testing Rig	2	Valve Size DN 100 - 600 mm (30 Kg/Cm ²)
3.	Hydro Pneumatic Testing Rig	1	Valve Size DN 50-600 mm (30 Kg/Cm ²)
E. LIST OF PAINTING EQUIPMENT			
1.	Painting chamber suitable for fusion bonded epoxy painting of valve components comprising of primer painting booth, Primed component baking oven, finish painting booth, finished paint baking oven and conveyORIZED transfer system suitable for carrying components upto 250 Kgs weight.	1	50 feet x 20 feet
F. LIST OF HANDLING & OTHER MISCELLANEOUS EQUIPMENT			
1.	Screw Compressor Model - GA-18 (Make - Atlas Copco, India)	1	L/S - 154.3
2.	Refrigeration Dryer Model - CS - 150 (Series Coldspell) (Make - Trident Pneumatics Pvt. Ltd, India)	1	150 Cfm 16 Kg/Cm ²
3.	Eot Crane (Make- Hi-Tech, India)	1	10 Tonnes
4.	Eot Crane (Make- Hi-Tech, India)	1	5 Tonnes
5.	Eot Crane (Make- Hi-Tech, India)	1	3 Tonnes

6.	Jib Crane (Make- Hi-Tech, India)	1	1 Tonnes
7.	Electrical Hoist Model-HC1025NC Make –Indus, India	1	1 Tonnes
8.	Electrical Hoist Model-HC1025NC Make - Indus, India	4	0.5 Tonnes
9.	LPG gas plant for fusion bonded painting plant		

3. FOUNDRY PLANT

A.	PLANT AREA		
	Built – Up Existing Area	:	36,500 Sq.feet
B.	LIST OF MACHINERIES		
S.NO.	NAME OF EQUIPMENT/MODEL NO./MAKE	QTY.	SPECIFICATION
1.	Cupola furnace with 60 HP electric motor blower and one tones capacity mechanical charging bucket of 10 HP moter, and five tones capacity metal receiver with oil fired burner/ blower 5 HP	1	I.D. 53", 7 Tonnes/Hr
2.	Cupola furnace with 30 HP electric motor blower and 350 Kg capacity mechanical charging bucket of 2.5 HP motor along with double trolley track for delivery of metal in two ladles alternatively	1	I.D. 30" 3.5 Tonnes/Hr
3.	Cupola furnace with 30 HP electric motor blower and 350 Kg capacity mechanical charging bucket 5 HP motor along with double trolley track for delivery of metal in two ladles alternatively	1	I.D. 27" 3 Tonnes/Hr
4.	Charging track for cupola comprising of 68 meter long charging track loop with 500 Kg capacity 10 nos trolleys and 500 Kg capacity electronic weighing bridge on track weighing	1	500 Kgs
5.	Sand dryer 3 HP drive unit with 3 HP oil burner and blower	1	1.5 Tonnes / Hr. Drying Capacity
6.	Return sand plant consisting of 3 HP lump breaker, 1.5 HP magnetic separator, 3 hp belt conveyer 25 x 4 feet, 5.5 HP motor bucket elevator and 50 tonnes capacity return sand hopper.	1	2 Tonnes / Hr.
7.	Sand reclamation plant consisting of 1 HP vibratory opening gate, 20 HP receiver 2.2 HP blower fluidizer, 7.5 HP suction bag filter system 2.2 HP sand sever 5.5 HP bucket elevator 50 tones capacity reclaimed sand hopper	1	

8.	Sand preparation plant consisting of 17.5 HP intensive mixer 300 Kg / bucket with inlet and outlet prismatic control valves and swivel delivery belt system 5.2 HP & 200 Kg & 3 HP	1	
9.	10 tonnes capacity new sand hopper with control valves, skip charger with sand dryer and blower 5.2 HP. 4 HP small compressor unit	1	
10.	Attrition reclaim plant with 10 HP fluidizer, 5 HP vibrato with fine removed cyclone	1	
11.	Sodium silicate tank 10 tonnes and 5 tonnes capacity with control valve with 3 HP and 7.5 HP pumping unit respectively	2	
12.	Ladles	1	7 Tonnes
		2	5 Tonnes
		1	3 Tonnes
		1	2.5 Tonnes
		1	2 Tonnes
		2	1 Tonnes
		1	0.5 Tonnes
		1	0.2 Tonnes
13.	Portable burner with diesel tank	1	50 Lt.
14.	Compaction Table	1	900 x 1200 mm 1 tonnes sand capacity
		1	2000 x 2000 mm 3 tonnes sand capacity
15.	Core Making Mixer Model: T 36/3 (Make: IMF, Italy)	1	3 Tonnes/Hrs
16.	Mixer Model: T 36/20.5 (Make: IMF, Italy)	1	20 Tonnes/Hrs
17.	Sand mixer with 20 HP x 2, 15 HP, 10 HP, 7.5 HP. motor	2	For 500 Kg Batch
		1	For 300 Kg Batch
		1	For 200 Kg Batch
		1	For 60 Kg Batch
18.	Transfer Trolley	3	
	Mould Heater	1	1000 x 1000 mm
19.	Welding Transformer	1	400 A – 20.46 HP
		1	500 A – 40.92 HP
		1	250 A – 12.78 HP
20.	Cutter Grinder	7	3 HP
21.	Pneumatic Straight Grinder (Make - Mirinda, India)	3	
22.	Angle Grinder	2	5"
23.	Pedestal Grinder	1	12"

24.	Knockout Grid	1	3 Tonnes
25.	Sand Sieving Machine	1	
26.	CO2 Gassing Manifold 12 Nos Cylinder Unit with 8 Nos. outlets for Gassing Guns	1	
27.	Portable Drill Machine	1	10 mm rank
28.	Portable Wood Cutter (Make - Hitachi, India)	1	
29.	Wood Planner	1	16" rank
30.	Wood Cutter Machine (Make - Bosch, India)	1	
31.	Wooden Lethe	1	Dia. 18"
32.	Drill Machine	1	12 mm rank
33.	Wood Cutter - For Round Circle (Make - Bosch, India)	1	50 mm rank
34.	Hand Blower	1	
35.	Grinder (Make - Bosch, India)	1	4"
36.	Sand Grinder (Make - Wolf, India)	1	7"
C.	LIST OF LABORATORY/TESTING EQUIPMENT		
1	Universal Testing Machine (Make - Fine Spavy Assoc. & Eng. Pvt. Ltd., India)	1	20 Tonnes
2	Combined Rockwell & Brinell Hardness Tester Model - AERB-250 (Make - Indomech Industrial Corporation, India)	1	0-100 Rc 0-100 B
3	Mould Hardness Tester (Make - Versatile Equipments, India)	1	
4	Core Hardness Tester (Make - Versatile Equipments, India)	1	
5	Optical Brinell Hardness Testing Machine Model -OPFB = 3000 (Make - Fine Testing Machine (FTM), India)	1	500 to 3000 Kgf
6	Universal Strength Machine- Hydraulic (Make - Versatile Equipments, India)	1	
7	High Dry Strength Attachment (Make - Versatile Equipments, India)	1	
8	Permeability Meter (Make - Versatile Equipments, India)	1	
9	Clay Washer (Make - Versatile Equipments, India)	1	
10	Rapid Moisture Tester (Make - Versatile Equipments, India)	1	
11	Sieve Shaker (Make - Versatile Equipments, India)	1	
12	Sand Rammer (Make - Versatile Equipments, India)	1	
13	Metallurgical Microscope Model - FE 10 M (Make - Labovision, India)	1	
14	Specimen Polishing Machine -Single Spindle Model - ProMac FC 1 (Make - Labex, India)	1	
15	Electronic Balance Model - BL 220 H (Make - Shimadzu, India)	1	
16	Chemical Balance	1	200 Grms

17	Weighing Balance (Digital) Model: SSP (Make: Sansui)	1	1000 Grms
18	Ph Meter (Make – Toshniwal, India)	1	0 - 14 mm
19.	Wireless Portable Temperature Indicator (Make - Suyash Solutions, India)	1	Max 1000 - 1700 °C
20.	Carbon Silicon Analyzer Model - CSAM III (Make - Suyash Solutions, India)	1	
21.	Poldi hardness Tester (Portable) (Make - Keybey, India)	1	250 BHN
	Vernier 12"	1	
22.	Contraction Scale	1	100 mm
		2	500 mm
	Measuring Tapes	3	5000 mm
23	Try Square	2	4"
		2	6"
		1	8"
		2	12"
24	Bench Voice 4"	3	
D.	LIST OF HANDLING & OTHER MISCELLANEOUS EQUIPMENT		
1	Over Head Cranes (Make- Hi-Tech, India)	1	15 Tonnes
		1	10 Tonnes
		1	7.5 Tonnes
		1	5 Tonnes
		1	2 Tonnes
2	Jib Cranes (Make- Hi-Tech, India)	1	0.5 Tonnes
3	Electronic Weighing Machine	1	10 Tonnes
		1	3 Tonnes
4	Over Head Crane (Electrically Operated) Model: 1012 (Make: Skyline, India)	1	15 Tonnes
5.	Screw Compressor Model – GA 22 (Make - Atlas Copco, India)	1	
6.	Reciprocating Compressor Model - TS 03 (Make - Elgi India)	1	
7.	Reciprocating Compressor Model -E0105 (Make - Elgi India)	1	
8	Shot Blasting Chamber	1	20 x 20 Feet

4.FABRICATION PLANT

A. PLANT AREA			
	Built – Up Existing Area	:	22,500 Sq.feet
B. LIST OF MACHINERIES			
S.NO.	NAME OF EQUIPMENT/MODEL NO./MAKE	QTY.	SPECIFICATION
1.	CNC Bridge type Water Jet Cutting Machine with KMT Water Jet System from UK (Make – Jash Precision Tools Ltd, India & ITP , UK)	1	4000(L) x 2000(W) mm Cutting capacity- 30 mm in Stainless Steel
2.	Press Brake Model – PB - 500 (Make - Indore Hydraulics, India)	1	500 Tonnes Max Job size L 4000 mm & Thick 12 mm for SS
3.	Shearing Machine (Make - Indore Hydraulics, India)	1	15 Tonnes Max Job size W 3000 mm & Thick 8 mm r SS & 10mm MS
4.	Bandsaw Machine with Auto Bar Feeding Systems Model - 210 DCA (Make - Indotech Machine Tools, India)	1	Dia. 210 mm
5.	Band Saw (Make – Lexson, India)	1	Dia. 200 mm
6.	TIG/MIG Welding Machine Model - Klein -Schweisser - 400 Puls TIG / MIG (Make - Electroplasma Equipment Pvt. Ltd., India)	1	400 A
7.	TIG Welding Machine Model - Klein -Schweisser – 400 Puls (Make - Electroplasma Equipment Pvt. Ltd., India)	4	400 A
8.	TIG Welding Machine Model - Turbo Arc - 400 (Make - Electroplasma Equipment Pvt. Ltd., India)	3	400 A
9.	Rectifier (Make Advani, India)	1	400 A
10	Plasma Cutting Machine Model - MPT-16 (Make -Electroplasma Equipment Pvt. Ltd., India)	1	16 mm
11.	Plasma Cutting Machine Model - MPT-30 (Make -Electroplasma Equipment Pvt. Ltd., India)	1	30 mm
12.	TIG (Aluminium) Model – Tig 25/30 (Make - Ador, India)	2	400 A
13.	TIG Welding Machine Model – Zupper 40I (Make – L & T, India)	1	400 A

14.	TIG/MIG Welding Machine Model – 4000 (Make – Fronius, India)	1	400 A
15.	Bed Plate (Make - Jash Engineering Limited, India)	1	2000(L) x 3000(W) mm
16.	Radial Drilling Machine Model - BVR 3 (Make – Batliboi, India)	1	50 mm,
17.	Radial Drilling Machine Model - Z 3032 X 8/1 (Make – Hoyaland, Taiwan)	1	32 mm,
18	Radial Drilling Machine Model - RM 62 (Make – HMT, India)	1	62 mm,
19	Bed Plate (Make - Jash Engineering Limited, India)	1	2000(L) x 2500(W) mm
20	Hydraulic Press For Plate Straightening (Make - Jash Engineering Limited, India)	2	Max.25mm Thick Plate
21	Manual Press For Plate Straightening (Make - Jash Engineering Limited, India)	1	Max. 12 mm Thick Plate
C.	LIST OF QUALITY CONTROL EQUIPMENT		
1.	Positive Material Identifier (P.M.I.) Model - X-MAT 3000TS Plus Premium (Portable Analyzer) (Make -Oxford Instruments, Finland)	1	Elements above no. 20 can be checked
2.	Vernier Caliper (Make - Mitutoyo, Japan)	1	0 - 1000 mm
3.	Steel Scale (Make - Mitutoyo, Japan)	1	0 - 2000 mm
4.	Digital Measuring Tape (Make - Mitutoyo, Japan)	1	0 - 5500 mm
D.	LIST OF TESTING EQUIPMENT		
1.	Vertical Test Bench	1	Suitable for hydro testing of fabricated gates upto 3000 x 5000 mm size.
2.	Vertical Test Bench	1	Suitable for hydro testing of fabricated gates upto 3000 x 4000 mm size.
3.	Positive Displacement Screw Pump	1	Suitable for water head pressure upto 50 M.
E.	LIST OF HANDLING & OTHER MISCELLANEOUS EQUIPMENT/FACILITY		
1.	Eot Crane (Make -Hi-Tech, India)	1	3 Tonnes
		1	5 Tonnes
		1	5 Tonnes
2.	Forklift Model – G 100 E (Make – Godrej & Boyce Mfg.Co.Ltd.India)	1	1 Tonnes
3	De Mineralize Water Plant (Make - Ion Exchange Ltd., India)	1	400 LPH

4.	Screw Compressor Model – GA 22 (Make –Atlas Copco, India)	1	L/S - 62.8
5.	Screw Compressor Model – GA 07 (Make - Atlas Copco, India)	1	L/S -15.7
6.	Fixtures	1	2500(W) x 4000(L) mm
		1	3600(W) x 4000(L) mm
		1	1700(W) x 3000(L) mm
7.	Acid Pickling And Passivating Chamber For Carbon Steel & Stainless Steel Fabricated Products	1	Acid Tank - 2000x2000x6000 mm DM Water Tank-2000x2000x5000 mm

JASH ENGINEERING LTD., INDORE INDIA	Equipment list updated as on	:	20.09.2010
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