

M/S SHREE RAM ELECTROCAST LTD

Sl no	Particulars of Machine / Plant	As H
06	Raw Material Handling system comprising of Ground hopper for Iron Ore 200 Ton capacity Conveyor system with 40 HP drive for 175 Mts. length with 650 mm wide. Conveyor system 2 with 7.5 HP drives for 35 mm length, conveyor system 3 with 18.5 Kw drive for 80 mm length, Conveyor system 4 with 40 HP drive for 290 Mts. Length. Conveyor systems 5 with 10 HP drive for 140 mts. length with 400 mm wide, Conveyor System 6 with 7.5 HP drive for 100 mm length. Conveyor system 7 with 7.5 HP drive for 60 mts. length, 5 Nos. vibrating screens for ore and coke with 10 HP drive for each, 4 Nos. Vibro feeders of 20 T each.	
07	Electrical installations in the unit comprising of 1,650 KVA Transformer of MEI Make, AGB of GEC Alstom Make, Bus compilers, Cabling, Switches, Starters, Capacitors etc. 2 Nos. 1,250 KVA DG set of Kirloskar make as well one No. Ashok Leyland Make. 100 KL Furnace oil tank, 2 Nos. 40 KL Diesel tank with necessary pumping arrangement	
08	Misc items such as 2 Nos. Atlas Copco GA 75 Air Compressor, Kirloskar make reciprocating Air Compressor of capacity 420 cum/hour with receivers, 40 MT SWL EOT Crane, work shop machinery, Laboratory equipments, used vehicles stored in the premise etc.	
		Total

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PARTICULARS OF PLANT & EQUIPMENT WITH ITS VALUE

Sl no.	Particulars of Machine / Plant
01	<p>2.50 M.W. Power plant comprising of</p> <p>a) Dual fired DBBD water tube boiler with Dutch oven of capacity 15T/hr with complete accessories like ID Fan, Economiser, Air Pre-heater including necessary cooling towers, chimney etc complete.</p> <p>b) Boiler control panel with instrumentation item for monitoring and control of boiler.</p> <p>c) Triveni, Make 2.5 MW steam turbine with frame 15.</p> <p>d) Centrifuge for lubrication with online oil filter.</p> <p>e) 2 sets of furnace oil pump and pre-heater with 18 KW electric heaters and 1 HP motor.</p> <p>f) DM Plant for Boiler water softening</p>
02	60 MT SWL Avery make Electronic weigh bridge - Quantity - 2 Nos.
03	Circular Tyre driven Pig casting machine with 150 moulds and preferred speed of 0.14 Mts./min and speed regulated by VFD alongwith 10 HP mono-block pump having discharge for 100 cum/hour at 30 Mts. head for pig casting machine mould Cooling spray.
04	<p>Metallic Blast Pre-heaters 1 & 2 with dual fired combustion system equipped with 29 gladdens coils etc. with ID fans 1.55 KW each to deliver 16,000 NM³ / hour and 20,000 NM³/ hour. 2 Nos. FD fans of 30 KW and 3 Nos. FD fans of 18.5 KW totalling to 5 Nos. FD fans to deliver 6,000 NM³/ hour each. Motorised actuators for valve /damper operation of FD air, Blast Furnace Gas & Flue gas for both Metallic Blast pre-heaters. 2 Nos. actuated shut off valve for blast Furnace closing for each Metallic blast pre-heaters. 2 Nos. LDO Pump for Metallic Blast Pre-heaters capacity 100 lts. /hour. 4 Nos. Dual fuel burner with working pressure 3-4 kg/cm² & 180 lts. /hour capacity. 6 Nos. Blower of capacity 28 000 NM³/ hour all connected in series and Inlet vane controller, appropriate chimneys etc. complete</p>
05	<p>Blast Furnace system of capacity 175 cum comprising of Mud gun machine with Hydraulic system of barrel capacity 60 Lts. Pneumatically operated top hole drilling machine under drilling pressure 6 kg/Cm² for drilling length 1,300 MM, 40/15 T EOT Crane, 28T & 34T. Hot metal ladles with lid facilitating for Blast Furnace gas burning for heating the ladle, PLC system, water dosing system, RCC water storage tanks etc.</p>