

# **STEEL ROLLING MILL PROJECT**

( 200,000 M.T. PER ANNUM )



**BRIEF PROJECT PROFILE & FINANCIAL DETAILS**



## Our Mission

To be the top producer of premium quality Structural Steel products in Kenya and East Africa that would meet all conceivable applications across diverse areas from home to industry and which sets benchmark of quality.

## Our Vision


To keep pace with global developments in the Industry by continuously upgrading infrastructure, human assets & technological resources

## Our Commitment

To essentially use better than the best resources, top of the line technology and thereby produce and deliver the finest of products & services.

## Our Philosophy

Maintaining excellence of the highest standards & delivering to the esteemed customers an experience rewarding enough to build and nurture an everlasting bond. They say it is value for money, in our dictum it is relationship shared on golden values of life.



### About the Project:

The state of the art plant with an annual production capacity of 200,000 MT of steel products has been constructed near to Mombasa. The site is well connected to Mombasa- Nairobi Highway and the Mombasa Sea Port as well as the Airport. The Commercial Production has started recently.



With fully automated and state of art manufacturing facilities, the Company produces large volumes of superior quality steel Base products and offer them at a very affordable price. The plant is one of the first and largest of its kind in Kenya offering all major Steel structural products under one roof.

### Status of Licenses / Permits:

All major licenses required as per Kenya Law to set up an industrial project has already been obtained from the respective licensing Authorities. A comprehensive list of Licenses / permissions / approvals is appended below –

Sl. No.	Name of License	Authority
1	Certificate of Company Incorporation	Registrar of Companies - Kenya
2	PIN Certificate	Kenya Revenue Authority
3	Land Ownership Documents	Kwale Land Registry
4	NEMA / EIA	National Environment Management Authority
5	Approval for Change of Use of land	Lands Department - Kwale County Govt. & National Govt.
6	Permission for Water abstraction (Borehole)	Water Resources Management Authority (WRMA)
7	Civil & Structural Drawings Approval	County Govt. Of Kwale
8	Certificate for Investment in Kenya	Kenya Investment Authority
9	NHIF Registration	National Hospital Insurance Fund
10	NSSF Registration	National Social Security Fund
11	Single Business Permit	County Government
12	Approval for Power	KPLC Ltd.

## Products:

The proposed plant initially will have two Rolling Mills, one Hot Rolling TMT Bar Mill and one Hot Rolling Section Mill and shall manufacture -

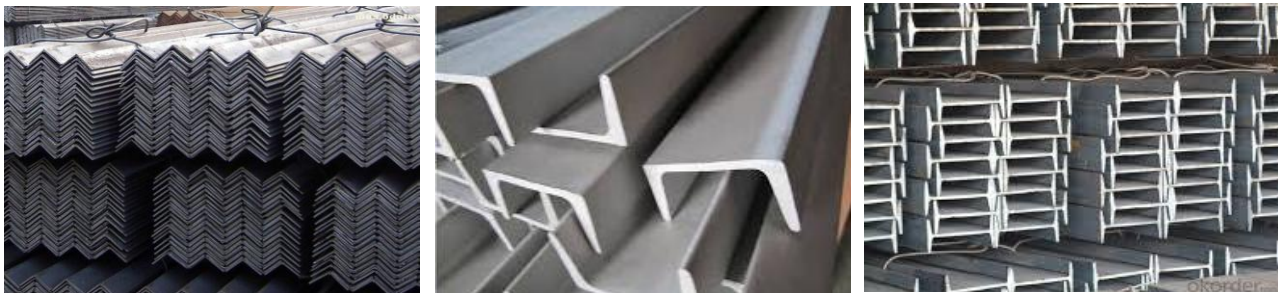
Full range of TMT (Thermo Mechanically Treated) Re-bars of diameter up to 32 mm. The TMT re-bars have much more strength and flexibility compared to ordinarily available twisted or deformed Bars.



**TMT RE-BARS**

## Products to be added in 2nd Phase:

Full range of Structural Sections such as Angles, Channels, H- Beams, I- Beams, T-Sections, Flat Bars, Z-Sections etc up-to 200mm in height.



**ANGLES**

**U – CHANNELS**

**BEAMS**



**FLAT BARS**



**T-SECTION**

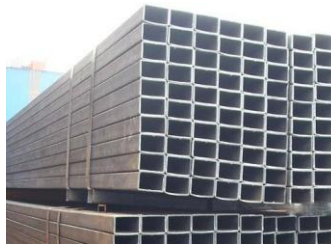
### Products to be added in 3rd Phase:

The Plant in second phase will add two Tube Mills and shall also manufacture -

- a) All types of Galvanized and plain Round Pipes up to a range of 200mm dia. NB.
- b) All types of Square and Rectangular tubes up to a size of 200mm x 200mm
- c) All types of Cold formed sections such as C-Section, Z- Purlins and various other profiles.



**Round Pipes**



**Square Pipe**



**C- Channel**



**Z - Purlins**



**Various Profiles**



## List of Plant & Machinery

Sl No.	Name of the Party	Item Description	Qty	No
1	Kathuria Rollmill Pvt Ltd	Rolling Mill - 200,000 TMT capacity consisting of: - Re-Heating Furnance Equipments - Roughing Mill Area 510 MM - Crop & Cobble Shear CCS1 with Pinch Roll - 410 mm Mill (C1 & C2) - 410 mm Mill (C3 TO C4) - 360 mm Mill (C5 TO C8) - 330 mm Mill Stand (C9 TO C12) - Crop & Cobble Shear CCS2 - 280 MM MILL STAND (C13 TO C16) - Pinch Roll - TMT Line - Shears for cutting tmt bars with tail brake pinch roll - Twin Channel - Cooling Bed Area - Runout Roller Table for Cooling Bed - Cold Shear Area - Bar Transfer Area - Bundle Pocket and Tying arrangement - Mill Guides - Rolls - Vertical Loopers - Foundation Bolts, Guide Channel, Repeater, Conveying Line, Funnel Line, Snap Shear etc. - Bilet Discard Device - Bar Turner	1 1 1 1 2 4 4 1 4 2 1 4 1 1 1 1 1 1 2 35 2 1 1 1	Lot Set Set Set Set Set Set Set Set Nos Set Nos Set Set Set Set Set Set Nos Set Lot Set Set
2	Action Construction Equipment Ltd.	Hydra Model 14XW - 14MT capacity.	2	Nos
3	Action Construction Equipment Ltd.	Backhoe Loader Model AX 130.	1	Nos
4	Integrated Electric Co. Pvt. Ltd.	DC Motors - 350 KW, 0-600-1200 RPM, 440V, Frame ILFC 400L. - 300 KW, 0-750-1500 RPM, 440V, Frame ILFC 315L2. - 300 KW, 0-1000-1800 RPM, 440 V, Frame ILFC 280L2.	5 6 6	Nos

Sl No.	Name of the Party	Item Description	Qty	No
5	Crompton Greaves Ltd	AC Motors - 1125 KW,740 RPM, 3 phase 415V, Frame KMR560L.	2	Nos
6	Balwant Singh & Sons	- 10/7 CFT Concrete Mixer with Mechanical Hopper - Hydraulically operated Cement Hollow Block egg laying - type Machine Concrete Petrol Vibrator Machine	4 1 4	Set Set Set
7	Kumar Generator House	DG Set - 62.5KVA Capacity	1	Set
8	K N Engineering Works	Reheating Furnace - 30MT/hr capacity Coal Pulverised - 15MT/hr capacity Coal Pulverised	1 1	Set Set
9	Kumar Generator House HUF	250 KVA DG Set	2	Set
10	Chauhan Thermal	Pulveriser System - For 30 MT capacity - For 15 MT capacity	5	Set
11	Vega Controls Pvt Ltd	- DC Drives & Automation System - APFCR Panels	1 1	Set Set
12	UGI Engineering Works Pvt Ltd	Structural Mill - 510MM MILL - 360MM MILL - 360MM MILL - 360mm MILL - 10" MILL - Auxiliary Equipment - Shear, Straightening machine & hot saw, Pusher and Ejector	2 2 2 1 6 1 1	Set Set Set Set Set Lot Lot
13	Jaswant Founders & Engineers	Workshop Machineries	1	Lot
14	Rana Udyog Pvt Ltd	Billet Shearing Machine	1	Set
15	Bharat Roll Industry Pvt Ltd	Rolls for Rolling Mill	64	Nos
16	Mahindra & Mahindra Ltd	Tractor -Mahindra Make - Model 555 Arjun	1	Nos
17	Tulsi Weigh Solution Pvt Ltd	Weigh Bridge - 100 MT capacity	1	Set
18	Multi Serve Rolls Ltd	Rolls for Rolling Mill	9	Nos
19	Jaypee India Ltd	Bar Bending & Cutting Machine - Jaymac Bar Bending Machine Model B-42 - Jaymac Bar Cutting Machine Model C-42	1 1	Nos Nos
Sl	Name of the Party	Item Description	Qty	No

No.				
20	Electrotherm India Ltd	Transformers - 132/11KV, 20/25 MVA Power Transformer - 3.5MVA Converter Duty Transformer for DC Drive Panel 1 & 2 - 3.5MVA Converter Duty Transformer for DC Drive Panel 3 & 4 - 3MVA LT Distribution Transformer - 2.5MVA LT Distribution Transformer - 100KVA Station Transformer	1 1 1 2 1 1	Set Set Set Set Set Set
21	Paharpur Cooling Towers Ltd	Cooling Towers - 400 m3/hr (2X200) capacity, Wooden type - 310 m3/hr (2X155) capacity, Wooden type	1 1	Nos Nos
22	Kirloskar Brothers Ltd	Pumps with Motors - Pump Model GK 80/40B with Motor, Application DCW - Pump Model GK 80/40B with Motor, Application ICW - Pump Model RKB 125/30 with Motor, Application TMT - Pump Model GK 100/40A with Motor, Application TMT Hot Well --> CT - Pump Model GK 80/40B with Motor, Application Sump Pump	6 4 3 3 3	Set Set Set Set Set
23	Topcon Sokkia India Pvt Ltd	Total Station & Automatic Level	1	Set
24	Aqua Engineering & Allied Services Pvt Ltd	Compressors - Kirloskar make Air Compressor model KES 22-7.5 - Kirloskar make Air Receiver capacity 1 m3 - "KIRLOSKAR" MAKE REFRIGERATED TYPE AIR DRYER (AIR COOLED) - Air Receiver Capacity: 0.5 m3 (500 Ltrs)	4 2 4 2	Nos Nos Sets Nos
25	Rana Udyog Pvt Ltd	Billet Shearing Machine	1	Set
26	Jaypee India Ltd	- Jaypee Hydraulic Concrete Mixer , diesel with Hopper Model : 10/7- D - Jaypee Needle Vibrator Petrol/ Kerosine model vibrator	4 2	Nos Nos
27	Aimil Ltd	Compression Testing Machine - 1000KN	1	Nos



Sl No.	Name of the Party	Item Description	Qty	No
28	Elite Steels Pvt Ltd	EOT Cranes	3	Set
		- 15MT capacity Double Girder EOT Crane with Magnet provision	3	Set
29	Electro Allied Products	HT VCB Switchboard	1	Set
		- 11kV, 1250A/1600A INDOOR HT VCB SWITCHBOARD AT 11KV MAIN S/S ( 1-I/C + 6-O/G +1-BPT + 2-Nos. EARTHING TRUCK : 1-SET )	1	Set
		- 11kV, 1250A INDOOR HT VCB SWITCHBOARD AT SECTION MILL ( 1-I/C + 4-O/G +1-BPT + 2-Nos. EARTHING TRUCK: 1-SET )	1	Set
30	Jaswant Founders & Engineers	Plate Bending Machine	1	Set
31	Marathon Electric Motors India Ltd	Motors for Structural Mill	1	Nos
		- AC Motor for Roughing Mill, 1135KW, 730RPM	2	Nos
		- AC Motor for Intermediate Mill I & II, 750KW, 730RPM	1	Nos
		- AC Motor for Finishing Mill, 600KW, 730RPM	1	Nos
		- AC Motor for Small Mill 1st Drive, 450KW, 730RPM	1	Nos
32	Crompton Greaves Ltd	SF6 Circuit Breaker	1	Nos
		- 145 KV, SF6 Circuit Breaker, GO Operated, 3150A	3	Nos
33	Jindal Hitech Pvt Ltd	Structures for Sub Station	1	Lot
34	Rana Udyog Pvt Ltd	Handling System for Billet Shearing Machine	1	Set
35	Superlift Magnets Pvt Ltd	Magnets	2	Set
36	Pragati Electricals Pvt Ltd	- 1170mm X 600mm 'SUPERLIFT' Aluminium Wound Cold Duty Rectangular Lifting Magnets	27	Nos
		CT & PT	27	Nos
37	Premium Transmission Ltd	Geared Motor for Billet Handling System	22	Nos
38	Enterprising Engineers	- Geared Motor 2.2 KW	1	Nos
		LRS	1	Nos
39	Automation Network & Services Pvt Ltd	- LRS LSHM-4R for 1125 KW	1	Nos
		MCC Panel for Billet Shearing Machine	1	Set

SI No.	Name of the Party	Item Description	Qty	No
40	Crompton Greaves Ltd	Lightning Arrestor - 11KV Lightning Arrestor, Power frequency withstand,voltage 28 KV, Impulse Voltage 28kV, Class 3 with surge counter - 145 KV Lightning Arrestor, Power frequency withstand,voltage 275 KV, Impulse Voltage 650 kV, Class 3 with surge counter - 170 KV Lightning Arrestor, Power frequency withstand,voltage 325 KV, Impulse Voltage 750 kV, Class 3 with surge counter	3 3 6	Nos Nos Nos
41	Sparkonix India Pvt Ltd	Special Purpose CNC Rib Cutting Machine-Combined Notch cutting & Marking (560UA) - Make Sparkonix	1	Set
42	J K Electro Power	Cables	1	Lot
43	Electro Allied Products	LT Panels	1	Lot
44	Aditya Birla Insulators	170KV Bus Post Insulators	33	Nos
45	Aditya Birla Insulators	Disc Insulators	350	Nos
46	Cabcon India Pvt Ltd	Bear Conductor & Dog Conductor	715	Mtrs
47	Electro Allied Products	Bus Duct	1	Lot
48	Maxflow Fans Manufacturing Pvt Ltd	ID Fan for reheating Furnce - ID Fan of 54000 M3/hr capacity for 30MT capacity Reheating Furnace - ID Fan of 30000 M3/hr capacity for 15MT capacity Reheating Furnace	1 1	Set Set
49	Marathon Electric Motors India Ltd	Motors for ID Fan - Squirrel Cage Induction Motor, Frame D315S, 100HP, 75KW	2	Nos
50	Multi Serve Rolls Ltd	Rolls for Rolling Mill	8	Nos
51	Zillion Power India Pvt Ltd	Battery Charger and Battery - 110V/25A Float Cum Boost Charger with integral DCDB "Amar Raja" MAKE - 110V/100 Ah VRLA Battery "Amar Raja" MAKE	2 2	Set Set
52	Nishant Marketing & Mfg Co	Instrumentation Cables	1	Lot

Sl No.	Name of the Party	Item Description	Qty	No
53	MCS Mechatronic	UTM Machine - Computerized Universal Testing Machine Capacity 100T (1000kN).	1	Set
54	Electro Allied Products	Control & Relay Panel and Bay Marshalling Kiosk - Complete set of Control & Relay Panel - Complete set of Control & Relay Panel for KPLC Area - Complete set of Bay Marshalling Kiosk	1 1 1	Set Set Set
55	Metcon Water Systems Pvt Ltd	Water Treatment Plant - Water Purification Equipment based on RO Technology using TFCM of 25M3 output capacity	1	Set
56	ABB India Ltd	Isolator - 132kV, 50 Hz, Horizontal Double break Disconnecter with one earthswitch - 132kV, 50 Hz, Horizontal Double break disconnecter without earthswitch	5 4	Nos Nos
57	Enviro Treat Engineers Pvt Ltd	Pollution Control System	1	Set
58	Live Line Electricals	Battery Charger and Battery	1	Set

### Raw Material arrangements

Items	Sources
Iron Billets	Imported
Coal	Imported/Local Market

### Stores Consumables arrangements

Plant & Machinery Consumables	Imported/ Local
Other Consumables	Imported/ Local



## Manufacturing Facilities


Name of the Company	<b>The Company</b>
Project Location	Mombasa, Kenya.
Registered /Corporate Office	Mombasa, Kenya.
Date of Incorporation	September 2013.
Constitution	100% Subsidiary of a foreign company.
Sector	Iron & Steel Sector
Project	The Company has a steel manufacturing unit consisting of Rebar Rolling Mill to produce TMT/QST Bars. The capacity of the plant is to produce 200,000 MT The company has also plans to set up and Light Section /Scrap rolling Mill and Angles, Flats, Sections and Structures.
Principal Raw Materials	Billets and Sheets
Products with Installed Capacity	The plant has been designed to manufacture 250,000 MT p.a. of rolled products in two sections having capacities as follows :  (a) <b>TMT/QSD Bars and Iron Bars</b> - 200,000 tons p.a.  (b) <b>Structures-</b> 50,000 tons.



<b>COST OF THE PROJECT</b>		
<b>(Amount in Millions)</b>		
<b>SL No</b>	<b>DESCRIPTION OF ITEM</b>	<b>USD</b>
1	Land & Site Development	3.01
2	Building & Civil Works	3.04
3	Plant & Machinery	9.53
4	Electrical Installation & Fittings	0.17
5	Misc. Fixed Asset	0.51
6	VAT & Security Deposit	0.91
7	Pre - Operative Expenses	2.07
8	Cash & Bank Balance	0.06
	<b>Total</b>	<b>19.30</b>

<b>MEANS OF FINANCE</b>		
<b>(Amount in Millions)</b>		
<b>SL No</b>	<b>DESCRIPTION OF ITEM</b>	<b>KES</b>
1	Promoters Contribution	7.91
2	Unsecured Loan	5.32
3	Bank Term Loan	1.39
4	Vehicle Loan	0.14
5	Creditors	4.54
	<b>Total</b>	<b>19.30</b>
	<b>Debt- Equity Ratio</b>	<b>1.44:1</b>
	<b>Promoters Contribution</b>	<b>40.98%</b>





### Present Status of the project

We have achieved production and sales of 5000MT in the month of Jun'2017

Production has been planned 6000 MT in July and August'17, 8000 MT in September'17 and 10000, MT in the month of November'17 and sales will also be matching with the production.

We maintain high standard of quality in our product which is well accepted in the Kenyan market. We have found encouraging response from the buyers and we are getting repeat orders from our customers.

*Thank you*

