



TESSY ENGINEERS & ENTERPRISES

ERECTION AND COMMISSIONING ENGINEERS

of Sugar Plants, refineries, Boilers, Turbines and mills

Design, Fabrication, Dismantling, erection, trails, testing, commissioning, mechanical,
electrical Instrumentation and installation

30 years of service to the industry

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FROM THE DESK OF THE PROPRIETOR

It all started as a dream.....

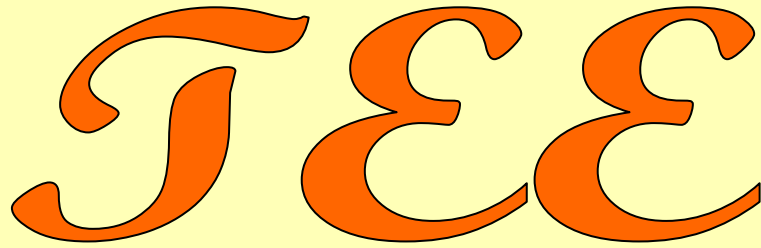
A dream that I had before 35 years in my prime years - of starting an erection company which will give shape to my future goal of making a niche in the industry. With technical knowledge and expertise as the capital, workers' trust and hard work as the asset & the good will of the clients as the motivational force " **Tessy Engineers & Enterprises** was born in 1980. ' We can dream, create, design & build the most wonderful place in the world but it requires people to make the dream a reality ' Walt Disney said. I am happy to say I was lucky to have a group of able men always with me.

Looking back, It was not an even road to travel these 30 years. There were ups & downs, success & failures, accidents, financial strains and misunderstandings, but all these obstacles have become gateways leading to new beginnings. Perspiration and perseverance of the management and workmen have resulted in progress. Years have taught us more than books and for the years to come, our line of action for success will be **forethought, system, planning , intelligence, honest purpose and perspiration.**

This year marks the completion of 30 years by Tessy in the field of mechanical erection industry. At this juncture, I thank all our valued clients for their unstinted support and patronage, family and friends for giving the freedom and providing encouragement, staff & workmen of Tessy who have made this happen.

Together we have made this closely knit family of Tessy and to this family I dedicate this company profile.

Mr. J.R.FERNANDO.



Engineering Excellence

Tessy Engineers & Enterprises is one of the Top level & leading erector with a rich heritage stretching back to 30 years and an exciting agenda for the future.

We have proven records of quality & masters in the field of erection of complete sugar plant, Boilers, Power plants, etc. Our vision for the future is to provide quality erection & labour supply for all technical works especially high Pressure boilers.

Here we present to you a detailed and up-to-date account, our projects done, bio data of unskilled & skilled workmen, their experience in the field a list of tools & tackles and other assets. We hope, this profile will furnish the necessary details for you.

Leadership

TESSY ENGINEERS & ENTERPRISES is the outcome of the visionary Mr.J.R.Fernando a mechanical engineer with strong values & good will. He started his career in KCP, Chennai one of the leading machinery supplier for Sugar & cement Industries as a Trainee Engineer in 1972 and served for 8 years. The vision the leader had, had given birth to this firm TESSY Engineers & Enterprises in 1980.

Business

TESSY ENGINEERS & ENTERPRISES are in the core business of erection & commissioning of Sugar & cement plants, refineries, Boilers, Turbines & mills. We work as associates in designing, Fabrication, Dismantling, Erection, Trials Testing & commissioning of plants. Our area of work includes Mechanical, Electrical, Instrumentation and Insulation.

TESSY engineers & Enterprises has quality Erection Tools and Tackles and engineering skills. TEE has more than 1250 permanent employees, including experienced engineers, Technologists and Technicians of various disciplines.

By virtue of working experience, TEE has acquired State of Art Technology and solves many technical problems and carries out the repair & maintenance very effectively and efficiently. TEE offers technical training of Sugar Mills personnel. The training includes class room teaching followed by floor level training.

Core Competence

The values trust, Workmanship, commitment imbibed in the organization contribute to our excellence. Quality, speed & skill are the core competence of TESSY ENGINEERS & ENTERPRISES.

Our team consists of high qualified, experienced & Professional engineers, & Staff dedicated to provide excellent quality services to customers around the world. We have experienced engineers, highly skilled workers & Staff to complete your projects, with in the specified time. We also offer services in strategy and planning. In TESSY Engineers & Enterprises, superior equipment and

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engineering techniques come from an engineering, fabricating and installation team of more than 1000 permanent employees including professional & Experienced engineers from various mechanical disciplines.

Our distinctive competence is strict adherence to time schedule thus creating records, of completing the work ahead of time. Every employee believes that meticulous planning, co-ordination of the work and close follow up action are the keys to success. Customization of services has helped us meet the requirements of customer better. With this commitment and dedication, Tessy Engineers & Enterprises is well positioned to remain the leader of the industry for the years ahead.

Services

Tessy Engineers & Enterprises are in the core business of erection and commissioning of sugar plants & Refineries, Boilers, Turbines and mills.

Our services include:

Erection of sugar plant

Erection & Commissioning of boilers

Maintenance & Operations in sugar plant

Other Engineering Projects

We work as an Associate in:

Design

Fabrication

Dismantling

Erection

Trails

Testing

Commissioning

Mechanical, electrical instrumentation and installation

Our working technology, allows us to solve all your mechanical projects and repair or maintenance problems, with unmatched timing efficiency and value.

Statutory Details of TESSY ENGINEERS & ENTERPRISES

147/135, II Floor B, Nelson manickam road, Mehtha Nagar,

Chennai 600029 Tel : 91 044 23745402 Fax : 91 044 23742290

E mail: **tessyengineers@gmail.com**

1. Proprietor : J.R. Fernando (Chief Executive)

+91-9841279641

2. P.F. Registration No : TN 22296

3. TIN No : 33051560794

4. Central Sales Tax Regn No : 689160 W.e.f. 21.07.95

5. Service Tax Registration No : AADPF 7798P ST001

6. List of States where the directorate of Boilers have approved our firm to erect the boilers, and fabricate and erect the IBR Piping in India :

1. Tamil Nadu
2. Karnataka
3. Andhra Pradesh
4. Maharastra
5. Orissa
6. Uttar Pradesh
7. Punjab
8. Madhya Pradesh

7. Registered life member of :

a). Andhra Chamber of Commerce, Chennai Branch.

b). Indo – African Chamber of commerce & Industries – Mumbai.

Membership No IACCI/SR/LM/858.

8. Import Export Code : 0405000642

9. Total No. of Employees : 1150

Employees in Office : 25

Employees in the site : 1125

Our valued clients

1. M/s ISGEC John Thompson, Noida, U.P.
2. M/s. Triveni Engineering & Industries Ltd, New Delhi.
3. M/s. National Heavy Engineering Co Ltd., Talegaon, Pune.
4. M/s. Walchand Nagar Industries, Pune
5. M/s. Thermax Pvt. Ltd, Pune
6. M/s. Mawana Sugar Works Ltd, Mawana, U.P
7. M/s. ATV Project India Ltd, Mumbai.
8. M/s. Uttam Sucrotech International Ltd.

Clients Abroad

1. M/s. Consolidated Farming Ltd, Lusaka, Zambia.
2. M/s. Sudanese Sugar Co Ltd, Khartoum Sudan.
3. M/s.Konkola Copper mines Plc, Zambia.

Reference List:

S.No	Reference	Contact Person	
1	<p>M/s Consolidated Farming Ltd. P/B RW 219 X, Mosque Road, Lusaka, Zambia. E-Mail : www.cfl@zamnet.zn</p>	<p>Mr. I.Y.Alloo Managing Director. ☎ 00260 – 97 – 861868</p>	<p>Mr. E.Y.Alloo General Manager ☎ 00260 – 97 – 7770786</p>
2	<p>M/s. Sudanese Sugar Company P.O.Box No.511, Khartoum, Sudan E-Mail : www.r-d-sector@sudanmail.net</p>	<p>Mr. Bakhit Hassan Ahmed Project Manager ☎ 00249912302413</p> <p>Mr. Osman Zyan General Manager ☎ 00249912362558</p>	<p>Mr.Farouq M Osman Technical Manager ☎ 00249912391810</p> <p>Mr. Yusuf Nemer Public Relations ☎ 00249912392571</p>
3	<p>M/s. ISGEC John Thompson A4 Sector 24, Noida 201301, U.P, India Email : www.anjanikumar@ijt.co.in</p>	<p>Mr. Anjani Kumar Vice President ☎ +91-9810712936</p>	<p>Mr. Vinod Luthra Vice President +91-9810717097, 99102777374</p>
4	<p>M/s. Walchand Nagar Industries Ltd 15/1/b2/G.A. Kulkarni Path, Kothrud, Pune -411038, India Email : www.archavan@walchand.com</p>	<p>Mr. A.R.Chavan Dy. General Manager. ☎ +91-9325128041</p>	
5	<p>M/s Sosam Sugar Consultant No.19, Krishnaswamy Avenue, Luz Church Road, Mylapore, Chennai – 600004,</p>	<p>Mr. P.Solaimuthu,Chief Ex. ☎ +91-44-4671780 ☎ +91-944019539</p>	
6	<p>M/s Aqua Therm Engg. Consultancy St. Thomas Buildings, No.147, Flat 1 – B, Luz Church Road, Mylapore, Chennai – 600004</p>	<p>Mr. Prakash, +91-44-4660462 ☎ +91-9382863082</p>	

LIST OF TOOLS & TACKLES

S.No	Particulars	Qty
1.	55 tons Crane of 55 meter boom length (Lattice Boom)	1 No.
2.	Hydra Crane 12 Ton	4 Nos.
3.	Electrical Winch Machine 10T with 600 meter rope	2Nos
4.	Electrical Winch Machine 15T with 600 meter rope	3Nos
5.	Electrical Winch Machine 3T with 600 meter rope	6Nos
6.	Hand winch M/c with 300 M Wire Rope – 15T	12Nos
7.	Hand winch M/c with 300 M Wire Rope – 10T	21Nos
8.	Angle Derrick Post 30 M height 20 T Capacity With guy ropes	6 sets
9.	Pipe Derrick Post with guy ropes	5 sets
10.	Plate Bending M/c. capacity upto 16mm -2m with motorized	2 Nos.
11.	Welding Generator Troy din 120 Model	36 Nos
12.	Master lever - 02 Accuracy 6"-4"-8" in length	5 Sets
13.	Welding Transformers	15 Nos
14.	Welding Machine (Single & Double)	144 Nos
15.	Welding Cable Set	152Nos
16.	Welding Rectifiers	70 Nos
17.	Welding Electrodes Backing Oven (Mother ovens)	5Nos
18.	Welding Electrodes Portable Drying Oven	48Nos
19.	Tig Welding Sets	30 Nos
20.	Hydraulic Motorized Expanding Machine	3 Nos
21.	Bow Shackle 35, 16, 12T	104 Nos each
22.	25 T Jack	12 Nos
23.	50 T Jack	12 Nos
24.	Chain Block - 10 T	12Nos
25.	Chain Block- 5T	23Nos
26.	Chain Block- 3T	49Nos
27.	AG 5 Grinding Machine	40 Nos
28.	AG 7 Grinding Machine	16Nos
29.	AG-4 Grinding Machine	35 Nos
30.	GQ 6 Grinding Machines	10 Nos
31.	F.F.2 Grinding Machines	10 Nos
32.	Drilling Machine - 31mm	10Nos
33.	Drilling Machine - 20mm	10Nos
34.	Drilling Machine - 10 mm	5Nos
35.	Pistol Grinding Machine – 6 mm	6Nos

36.	Buffing Machine	2Nos
37.	Turn Buckle (All Sizes)	24Nos
38.	Straight Edge 5 Meter long beam type	1 No.
39.	Straight Edge 4 M long beam Type(C.I)	1 No
40.	Straight Edge 3 M long beam Type (C.I)	1 No
41.	Magnetic Drilling Machine	2Nos
42.	D- Shackles - 50,30,20,15,13,10,5,3 T	600Nos
43.	Hydraulic Jacks – 50, 25, 10 T (Each)	2Nos
44.	Cutting sets with Torch and Regulators	176 Sets
45.	Dial gauge with Magnetic Stand	14Sets
46.	Vernier Caliper – 12"	10 Nos
47.	X Ray Film Developer	4 Nos
48.	Pug Cutting Machine	6Nos
49.	Bench Vice	10Nos
50.	Multi Sheave Pulley - 50, 30, 20, 10, 5, 3, 2 T Size	248 Nos
51.	Wire Rope Slings of 6 x 16, 12mm x 6m	15Nos
52.	Wire Rope Slings 12mm x 10m	60Nos
53.	Wire Rope Slings 16mm x 4m, 6m, 10m	92Nos
54.	Wire Rope Slings 19mm x 10mm	82Nos
55.	Wire Rope Slings 32mm x 15 m	26Nos
56.	Wire Rope Slings Various Size	48Nos
57.	Loose Wire Rope - 16mm	100Mtr
58.	Loose Wire Rope - 19mm	200Mtr
59.	Loose Wire Rope - 25mm	211Mtr
60.	Loose Wire Rope - 32mm	50Mtr
61.	Loose Wire Rope Sling 18mm	1220Mtr
62.	Wire Rope 19 mm 6/19	2 Bundle
63.	Wire Rope 3/4" x 3 Dia	20Nos
64.	Wire Rope 3/4" x 3 Mtr	3Nos
65.	Wire Rope 5/8" x 3 mtr	3Nos
66.	Wire Rope 5/8" x 3 mtr	3Nos
67.	Wire Rope All Sizes	201Nos
68.	Box Spanner	10 Nos
69.	LPG Commercial 19.5Kg	27Nos
70.	Hand tools like Spanners/Hammers /Spirit level etc. in Plenty	As required
71.	Sleepers /Concrete Blacks for Crane Movement at site	25Nos
72.	Manilla Rope	100 Bundles
73.	Manilla Rope Pulley Single, Double and Triple	52 Nos
74.	Aluminum 25mm X 3.5 Core Cable	900M
75.	Fibre Rope 20MM	42 Kg
76.	Hose Pipe 515M	4 Nos
77.	Industrial Cable	100 Mtr

LIST OF SUGAR PROJECTS ERECTED AND COMMISSIONED

S.No.	Details of the Project	Nos
1	Complete Sugar Plant Completed:	
1.01	1250 TCD Sugar Plants	5 Nos.
1.02	2500 TCD Sugar Plants	10 Nos.
1.03	3500 TCD Sugar Plants	1 No.
1.04	6000 TCD Sugar Plants	1 No.
1.05	1750 TCD Sugar Plants	2 No.
1.06	1500 TCD Sugar Plants	1 No.
	Number of Complete Sugar Plants erected	20 Nos
2	Major Sugar Machineries Erected	
	30% and more in Sugar Plant	15 Nos
3	Minor Sugar Machinery Erection Projects	
	30 % and Less than 30% in Sugar Plant	21 Nos
	Total number of sugar projects handled	56 Nos.
4	Boiler Erection:	
	Low Pressure Boiler Erected	33 Nos
	High Pressure Boilers Erected	55 Nos.
	High Pressure boilers of 250 tph each (CFBC)	4 Nos.
	Total boilers erected	92 Nos.
	Total number of Major Projects handled	148 Nos.

Overseas Projects

.No	Description	Client	Period	Capacity
1	Erection of the complete Sugar Plant including 2 Numbers 32 TPH capacity boilers of 32KSC Pressure at M/s. Everest Sugar Mills and Chemicals Ltd., Ramnagar, Janakpur, Nepal	M/s. Triveni Engineering Works Ltd., New Delhi	1995 – 96	1750 TCD
2	Fabrication of building column and other equipment accessories, erection of the complete 1500 TCD Sugar Plant including the factory column of 600 MT, Fabrication and Erection,	M/s. Consolidated Farming Ltd., Lusaka,	2002 – 03	1500 TCD
	Building roof sheeting of 1600 Sq. Mtr., Electrical work, Insulation, and Instrumentation for the complete Plant at	M/s. Consolidated Farming Ltd., Lusaka, Zambia.	The erection was completed in a recorded time of 275 days.	Price is USD 700000
3	Season Operation and Maintenance of 1500 TCD Sugar Plant	M/s. Consolidated Farming Ltd., Lusaka	2003-04 Period of 3 months from Aug 15 th to Nov 15 th	
	M/s. Consolidated Farming Ltd., Lusaka, Zambia	Zambia		
4	Off –Season Overhauling of the complete sugar plant, and taking Trials and Testing Work of 1500 TCD Sugar Plant	M/s. Consolidated Farming Ltd Zambia	2003-04	USD 150000/-
5	Man power supply for erection of Sugar Plant at M/s. Consolidated Farming Ltd.,	M/s. Consolidated Farming Ltd., Lusaka, Zambia	2003-04	USD 48000

6	Off Season overhauling of the complete Sugar Plant of 1500 TCD Off-season work was completed successfully and second season was started on 11.06.04. The factory was working without any problem because of good overhauling.	M/s. Consolidated Farming Ltd., Lusaka, Zambia	2003-04	140000 MT Cane was crushed in three continuous calendar months.
7	M/s. Consolidated Farming Ltd., Zambia. Off Season Overhauling, taking Trails, and Testing, Maintenance Work of 1500 TCD Sugar plant along with fabrication and erection of one number molasses storage tank, one Pan staging for one pan, one pan, one Sugar bin and one crystallizer	M/s. Consolidated Farming Ltd., Lusaka Zambia	2004-2005	
8	a.) General Maintenance at Assalaya and Sennar sugar Factories, Sudan. b) Boiling house maintenance of three sugar factories. Gunied Sugar Company, Sudan New Halfa Sudan Sugar Company, Sudan, Assalya Sugar Company, Sudan	M/s. Sudanese Sugar Company, P.O. Box No:511 Khartoum, Sudan	2004 -2005 Period of 01.05.04 to 15.11.2004	Crushing capacity of Assalaya and Sennar 6500 TCD each and New Halfa and Gunied 4500 TCD Each.
9	Trials, Testing, Maintenances Work of off season 2005-06 for 1500 TCD Sugar Plant.	M/s. Consolidated Farming LTD, Zambia	2005-2006	USD 80,000
10	Erection & Commissioning of Steam Distribution system in Two Sugar factories of Sudan Sugar Company at Assalaya and Senner	M/s. ISGEC Covema Ltd, Noida	2005-2006	INR 82,80,000/-
11	Mill and Boiling House Maintenance in two sugar factories Sudanese Sugar Company Ltd., at M/s. Assalaya and Sennar, Boiling House Maintenance of Sudanese Sugar Company at Gunied New Haifa and Assalaya	M/s. Sudanese Sugar Co Ltd, Sudan	2005-2006	Euro 379256
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12	a) Mill and Boiling House Operation of two factories of Sudanese Sugar Company, at M/s. Assalaya and Sennar	M/s. Sudanese Sugar Co Ltd, Sudan	2005-2006	227250 Euro 42358 Euro
	b) Boiling House Maintenance at Gunied New Halfa and Assalaya, Sugar Factories c) Insulation work at New Halfa and Sennar Sugar Factories			
13	Maintenance, Trials, Testing Work of season for 1500 TCD Sugar Plant along with Fabrication And Erection of selected Items	Consolidated Farming Ltd., Zambia	2005-2006	USD 80000
14	Off Season Overhauling and Maintenance of Boiler, Power, Mill House and other Machineries of four Sugar factories of M/s. Sudanese Sugar Company, located at Assalaya, Guneid, New Halfa, and Sennar	M/s. Sudanese Sugar Company Ltd., Sudan	2006 – 2007	Euro 765714
15	2006 – 07 Off Season Overhauling and Maintenance, taking trials and testing of 1500 TCD Sugar Plant along with Fabrication and Erection of selected Items at M/s. Consolidated Farming Ltd, Zambia	Consolidated Farming ltd Zambia	2006-07	USD 100000
16	Erection and Commissioning of Raw Material Handling System of M/s. Konkola Copper Mines, Chingola, Zambia	Enviro Abrasion Resistant Engineers Pvt Ltd	2006-2007	USD 9,29,372
17	Season Operations & Maintenance and Off-season overhauling, taking trials and restarting of three Sudanese Sugar Company located at Sennar, Guneid, New Halfa	Sudanese Sugar Co. Ltd. Sudan	2007-2008	Euro 1154800
18	Erection and Commissioning of Raw material handling system at Copper mines M/s. Konkola Copper Mines, Chillambombwe, Zambia.	Enviro Abrasion Resistant Engineers Pvt Ltd	2007-2008	USD 2,16,471

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19	Season Maintenance of 2007 - 08 season of 1500 TCD Sugar Plant along with Fabrication And Erection of selected Items at Consolidated Farming Ltd., Zambia.	Consolidated Farming Ltd., Zambia	2007-2008	110000
				USD
20	Expansion of Sugar Plant from 1500 TCD to 2500 TCD	Consolidated Farming Ltd Zambia	2007-2008	USD 500000
21	Season Operation and Maintenance Work of Sudanese Sugar Company, Sennar, Sudan	Sudanese Sugar Company Ltd. Sudan	2008	Euro 479100
22	Complete Sugar Plant Off Season Overhauling of Plant and Machineries and Season Operation of Guenid Sugar Factory, Sudan	M/s. Sudanese Sugar Co Ltd, Sudan	2008	Euro 277900
23	Complete Sugar Plant Off Season Overhauling of Plant and Machinery, taking trial, and commissioning the season, in New Halfa Sugar Factory, Sudan	M/s. Sudanese Sugar Co Ltd, Sudan	2008	Euro 402450
24	Season Operations and Maintenance Work of Sennar Sugar Factory, Sudan	Sudanese Sugar Co.Ltd. Sudan	2009	Euro 508325
25	Complete Sugar Plant Off Season Overhauling, taking trail and commissioning of M/s. Guenid Sugar Factory, Sudan	M/s. Sudanese Sugar Co Ltd, Sudan	2009	Euro 371480
26	Complete Sugar Plant Off Season Overhauling, taking the trail, and restarting the season, of New Halfa Sugar Factory, Sudan	M/s. Sudanese Sugar Co Ltd, Sudan	2009	Euro 482160
27	Erection of conveyor at Konkola Copper Mine, Chingola, Zambia	M/s. Konkola Copper Mines,	2009	USD 25,000
28	Operation and Maintenance of Raw Material Handling System at Konkola Copper Mines, Chililabombwe	M/s. Konkola Copper Mines, Zambia	2009	USD 2,25,000

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List of Boiler and Boiler Accessories Erected in India between 1980 and 2009

No	Description of Boilers	Client Name	Period
1	Erection of Two Numbers Baggasse Fired Boiler of 20 TPH each at M/s. Ulundurpet Co- op Sugar Mills, Periasevalai, Tamil Nadu	M/s. KCP Limited, Chennai	1980-81
2	Erection of Two Numbers Baggasse Fired Boiler 20 TPH each at M/s. Dakshin Kannada SSK Ltd., Udupi	M/s. Walchand Nagar Industries Ltd., Pune	1982-83
3	Erection of One Number Coal Fired Boiler of 40 TPH at M/s. Ponni Sugars & Chemicals, Pallipalayam, Erode	M/s. Walchand Nagar Industries Ltd., Pune	1983-84
4	Erection of One Number Bagasse Fired Boilers of 20 TPH at M/s. Tiruttani Co- Op. Sugar Mills, Thiruvalangadu, TN	M/s. KCP Limited, Chennai	1983-84
5	Erection of Two Numbers Coal Fired High Pressure Boiler of 40 TPH each and H.P. Piping at M/s. Salem Co- Op. Sugar Mills, Mohanur	M/s. Thermax Private Ltd., Pune	1983-84
6	Erection of One number Coal Fired Ignifluid Boilers of 40 TPH at M/s. Seshasayee Paper and Boards Ltd., Erode	Lipi Boilers Pvt Ltd, Pune	1984-85
7	Erection of Two numbers Baggasse Fired Boilers 25 TPH at M/s. Mayiladuthurai Co - Op. Sugar Mills, Thalaignayaru	ATV Projects (I) Ltd, Bombay	1984-85
8	Erection of One number Bagasse Fired Boilers of 40 TPH at M/s. Bannari Amman Sugars, Sathyamangalam.	M/s. Walchand Nagar Industries Ltd., Pune	1984-85
9	Erection of One number Coal fired Boiler of 40 TPH at M/s. Ponni Sugars & Chemicals, Erode	Ignifluid Boilers (I) Ltd., Madras	1984-85
10	Erection of Two Numbers Baggasse Fired Boilers of 20 TPH each at M/s. Nizam Sugar Factory Ltd., Metapally, Andhra	ISGEC Noida, New Delhi,	1985-86
11	Erection of Two numbers Baggasse Fired High Pressure Boiler of 65 TPH each at 65 KSC pressure at M/s. Chidambaram Co- op, Sugar Mills, Sethiathope	M/s. KCP Ltd, Chennai	1986-87
12	Erection of Two numbers Baggasse Fired Boiler 20 TPH each at M/s. Nayagarh Co- op Sugar Industries Ltd., Panipoila, Puri Distt.	M/s. Walchand Nagar Industries Ltd., Pune	1987-88
13	Erection of Two numbers Baggasse Fired Boiler of 20 TPH each at M/s. Baramba Co- op. Sugar Industries Ltd., Orissa	M/s. ISGEC Noida, New Delhi,	1987-88

14	Erection of One number Baggasse Fired Boiler of 65 TPH at 65 KSC at Thiru Arooran Sugar Ltd., Thirumandangudi	M/s. KCP Limited, Chennai	1989-90
15	Erection of One number Baggasse Fired High Pressure Boiler of 45 TPH at M/s. Perambalur Co - Op. Sugar Mill, Eraiyur, Trichy Dt	M/s. Walchand Nagar Industries Ltd., Pune	1989-90
16	Erection of One number Baggasse Fired High Pressure of 30 TPH and H.P. Piping work at M/s. Arignar Anna Sugar Mill, Kurungulam, Tanjore Distt	M/s. Walchand Nagar Industries Ltd., Pune	1989-90
17	Erection of One number Boiler of 6 TPH at M/s. Malaprabha Co- op. Mills Ltd., Maragund.	Erogodyne (P) Ltd, Madras	1990-91
18	Erection of Two numbers Oil fired boilers of 10 TPH and One number Oil Fired Boilers of 16 TPH at M/s. Vikrant Tyres Ltd., Mysore	M/s. Walchand Nagar Industries Ltd., Pune	1991-92
19	Erection of Two numbers Baggasse Fired High Pressure Boilers of 32 TPH each at 32 KSC at M/s. Oswal Agro Mills Ltd., Dhanaura.	Erogodyne (P) Ltd, Madras	1991-92
20	Erection of One number Baggasse Fired High Pressure Boilers 35 TPH at 32 KSC pressure at M/s. Tiruttani Co-Op. Sugars, Thiruvalangadu.	M/s. Walchand Nagar Industries Ltd., Pune	1994-95
21	Erection of One number Baggasse Fired High Pressure Boilers of 35 TPH at 32 KSC at M/s. Madurantakam Co-Op. Sugars, Padalam, Chengelpet	M/s. Walchand Nagar Industries Ltd., Pune	1994-95
22	Erection of One number Baggasse Fired Boiler of 78 TPH at M/s. Ponni Sugars and Chemicals, Bolangir, Orissa.	M/s. Walchand Nagar Industries Ltd., Pune	1994-95
23	Erection of One number Bagasse Fired Boiler of 55 TPH at M/s. NPKRR Co- Op Sugar Mill, Mayiladuthurai	Binny Limited Madras	1995-96
24	Erection of One number Boiler of 40 TPH at M/s. Aska Co-Op. Sugar Industries Ltd., Aska.,	M/s. Walchand Nagar Industries Ltd., Pune	1995-96
25	Two numbers Baggasse Fired Boilers of 32 TPH each at 32 KSC at M/s. Akola Zilla SSK Ltd., Akola, Maharashtra.	ATV Projects India Ltd., Bombay	1995-96
26	Erection of Two numbers Baggasse Fired High Pressure Boilers of 2 Nos. 32 TPH each at 32 KSC at M/s. Nahar Sugar & Allied Industries Ltd., Amloah, Punjab.	Fagodyne Pvt. Ltd., Madras	1995-96
27	Erection of Two numbers Baggasse Fired High Pressure Boilers 32 TPH each at 32 KSC at M/s. Everest Sugar & Chemicals Industries Ltd., Nepal	M/s. Walchand Nagar Industries Ltd., Pune	1996 – 97
28	Erection of Two numbers Baggasse Fired Boilers of 32 TPH each at 32 KSC at M/s. Sakhar Maharshi Sw. Bapuroji Deshmukh SSK Ltd., Hinganhat	ISGEC Covema Ltd., New Delhi	1997 – 98
29	Erection of One number Baggasse Fired Boiler	ISGEC John Thompson, New	1998

	of 70 TPH at	Delhi	
	M/s. Shree Ambika Sugar Mill, Kottur Village, Thukili, Thanjavur Dist.		
30	Erection of One number Baggasse Fired Boiler of 20 TPH at	Lipi Consultants Pvt. Ltd., Pune	1998
	M/s. L.H Sugar Factories Ltd., Pilibnit, U.P.		
31	Erection of One number Cogeneration Boiler of 70 TPH and 66 ata at	Walchand Nagar, Industries Ltd., Pune. .	2001
	M/s. Arunachalam Sugar Mill Ltd., Tiruvannamalai.		
	Erection of One number Bio Mass based Stoker Boiler of 70 TPH capacity and 45 KSC Pressure at		
32	M/s. Malavalli Power Plant Pvt. Ltd., Koppal Village Kirgawali, Hubli Malavali, Karnataka	Lipi Consultants Pvt. Ltd., Pune	1998
	Erection of One number Boiler of 27 TPH at 65 KSC working pressure at		
33	M/s. Roshini Power Tech/. Ltd., Ayyanki Village, Krishna Dist. A.P	M/s. ISGEC Covema Ltd.	2001
	Erection of One number boiler of 27 TPH at 65 KSC pressure consisting of Steel supporting M.S. Structures, Pressure parts, ESP Chimney, Rotary machines, ducting stoker, Air Heater, piping etc., at		
34	M/s. Varam Power Projects Pvt. Ltd., Srikakulam, A.P.	M/s. ISGEC Covema Ltd.	2000 – 01
	Erection of One number Co-Generation boiler of 90 TPH along with steel supporting M.S. Structure Pressure parts, ESP, Rotary machines, ducting Stoker, Air Heater, Piping etc. at		
35	M/s Gem Sugars Ltd., Kundargi, Bagalkot, Karnataka.	M/s. ISGEC Covema Ltd.	2000 – 01
	Erection of One number boiler of 55 TPH of 45 KSC pressure and 427°C. temperature at		
36	M/s. Vithal SSK Ltd., Venu Nagar, Maharashtra	M/s. ISGEC Covema Ltd.	2000 – 01
	Erection of One number boiler of 40 TPH complete with pipe line etc. at		
37	M/s. Shri Datta Shetkari S.S.K Ltd., Kolhapur, Maharashtra	M/s. Walchand Nagar Industries Ltd., Pune-411 001.	2001 – 02
	Dismantling and erection of Drum Internals of Two boilers at		
38	M/s. Godavri Sugar Mills, Sameerwadi.	M/s. ISGEC Covema Ltd.,	2001 – 02
	Dismantling and Erection of Pent House Sealing Plate with refractory insulation of 50 TPH Boiler, at		
39	M/s. Grasim Industries Ltd., Harihar, Karnataka	M/s. ISGEC Covema Ltd.	2002
	Dismantling and re-tubing of 85 TPH Oil fired Boiler including Refractory lining at		
40	M/s Chennai Petroleum Corporation Ltd., Chennai - 68.	M/s IGSEC John Thompson, Noida	2003 – 05

41	Erection of one number 40TPH Capacity with Associated equipments , Pipeline etc at M/s.Gem Sugars Ltd., Kundargi	M/s.Walchandnagar Industries Ltd.	2003 – 04
42	Erection & commissioning of one number Single drum Exhaust Gas Boiler at M/s.Wartsila India Ltd Premier Mills Ltd., Hosur.	M/s. Thermax Engineering construction company	2002 – 03
43	Erection of One number of 57 TPH Capacity with Associated Equipments, Pipeline etc at M/s. Clarion Power Corporation Ltd., Tangutur, Ongole Dist.	M/s. Walchand Nagar, Industries Limited, Pune.	2004 – 05
45	Erection and commissioning of Five Numbers DRC Type 3 TPH boilers of 13.5 KSC (g) EGB at M/s. Wartsila India Ltd. Tuticorin	M/s. Thermax Engineering construction company	2004 – 05
46	Erection of one number Bagasse fired boiler of 117 TPH AFBC Boiler at M/s. Seshasayee Paper & Boards Ltd., Pallipalayam, Erode.	M/s. Enmas Engineers Ltd, Chennai	2004 – 05
47	Erection of One number boiler of 20 TPH of 88KG / cm ² 515±5 C Traveling Grate Boiler at M/s. Triveni Engg & Industries Limited., Deobond, Saharnpur	M/s. ISGEC Covema Limited, Noida	2004 – 05
48	Erection and commissioning one number DRC Type EGB for Wartsila India Ltd., M/s. Saint Gobain Glass at Sriperumbudur	M/s. Thermax Engineering & Construction company	2005 – 06
49	Erection of one number Coal -cum -char AFBC Boiler of 38 TPH of 65 kg/cm ² pressure 485±5 C Temperature and 300 MT fabrication at M/s. Bindal Sponge Ltd., Talchar, Dist Angul, Orissa	M/s. Thermax Engineering & Construction company	2005-06
50	Labour charges for unloading of all the ESP Components including Insulation material Shifting and erection ESP assembly of collection Electrodes and commissioning assistance for 1 ESP at M/s. Bindal Sponge Ltd., Talchar, Orissa	M/s. Thermax Engineering construction company	2005 – 06
51	Erection & commissioning of one number 100TPH Bagasse / Lignite / Imported coal fired Boiler of 87 kg/sq.cm working pressure and 515 ± 5°C temperature at M/s. EID Parry India Ltd., Pudukottai, Tamil Nadu	M/s. ISGEC Covema Ltd. Noida	2005 – 06
52	Erection & Commissioning of One number AFBC Boiler 75 TPH capacity and 65 KSC (g) working pressure 485 ± 5°C temperature at M/s. Grasim Industries Ltd, Nagda, M.P	M/s. ISGEC Covema Ltd., Noida	2005 – 06
53	Erection and Commissioning three numbers Dumping Grate Boiler of 90 TPH capacity at M/s. Bajaj Hindustan Ltd, Lakhimpur Kheri U.P	M/s. ISGEC Covema Ltd., Noida	2006 – 07
54	Erection & Commissioning of One number stoker boiler with traveling grate of 120 TPH at M/s. EID Parry India Ltd., Puglur, Tamilnadu	M/s. ISGEC Covema Ltd., Noida	2006 – 07

55	Erection & Commissioning of one number Traveling Grate Boilers of 120 TPH capacity of 87Kg/Cm ² working pressure 515 ± 5°C at M/s. Triveni Engineering & Industries Ltd, Khatauli, U.P.	M/s. ISGEC Covema Ltd., Noida	2006 – 07
56	Erection of one number Traveling Grate Boiler of 100 TPH capacity and 110 KSC working pressure and 540 + / -5°C temperature at M/s EID - Parry, Pettavaithalai, Tamil Nadu.	M/s. ISGEC Covema Ltd., Noida	2007 – 08
57	Erection & commissioning of Two numbers boilers of 135TPH each at M/s.Empee Sugars & chemicals Ltd. Ambasamudram, Tamil Nadu.	M/s.ISGEC JOHN THOMPSON	2009
58	Erection & commissioning of Four numbers CFBC boilers of 250 TPH each at M/s.Bhusan Energy Ltd., Miramandali, Orissa	M/s.ISGEC Covema Ltd., Noida.	2007 to 2009

List of Turbine Erected Between 1980 and 2009

S.No	Description	Client's Name	Year
1	One number 2.5MW Turbo Generator Erection at M/s. Periasevalai Co- op Sugars, Tamil Nadu.	M/s. KCP Limited, Chennai	1980
2	Erection of one number 2.5MW Turbo Generator at M/s. DKSSK Ltd., Udupi, Karnataka	M/s. Walchand Nagar Industries Limited., Pune	1983
3	Erection and commissioning of 2.5MWh Turbo Generator at M/s. Bannari Amman Sugars Ltd., Satyamangalam	M/s. Walchand Nagar Industries Limited., Pune	1984
4	Erection of one number 3MWh Turbo generator at M/s. Mayiladuthurai Co- op Sugar Mills, Talainayar	M/s. ATV Projects India Ltd., Mumbai	1985

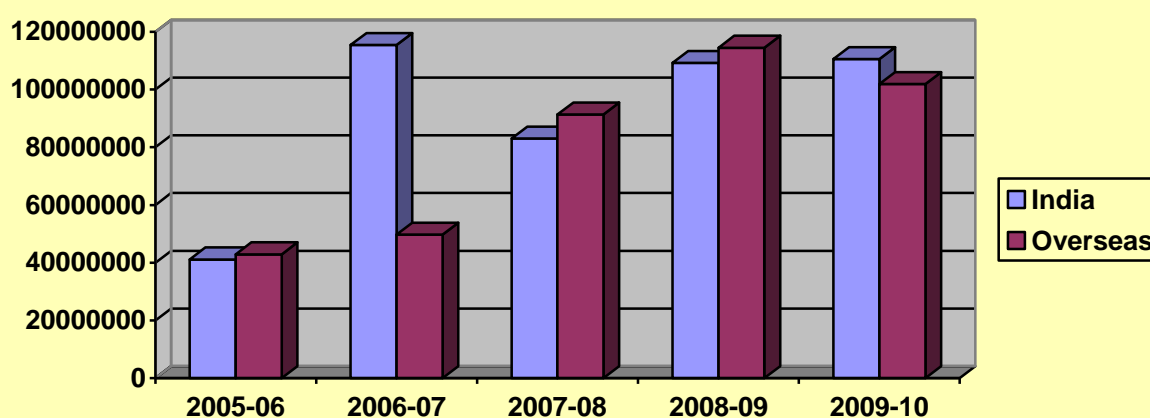
5	Erection and commissioning of 2.5 MWh Turbo Generator at M/s. Nayagarth Co-op Sugars, Panipola Balugaon Dist, Puri, Orissa	M/s. ATV Projects India Ltd., Mumbai	1986
6	Erection and commissioning of 3MW Turbo Generator at M/s.Thiru Arooran Sugars Ltd., Thirumandangudi	M/s. KCP Limited, Chennai	1988
7	Erection and commissioning of 3MWh Turbo Generator at M/s. Siswa Bazar, Gorakhpur, U.P	ATV Projects India Ltd., Mumbai	1989
8	Erection and commissioning of 3 MWh Turbo Geneator at M/s. Oswal Agro Mills Ltd, Dhaaura, U.p	M/s. Triveni Engineering Works Limited., New Delhi	1991
9	Erection and commissioning of 8.4 MWh Turbo Generator supplied M/s. Bharat Heavy Electrical Private Ltd., Bhopal	M/s. Arunachalam Sugar Mills Ltd., Thiruvannmalai.	2001
10	Erection and commissioning of 6.175 kw High Pressure Condensing Turbo Generator supplied by M/s. Alstom Power India Ltd., Vadodara	M/s. Arunchalam Sugar Mills Ltd., Thirvarmmalai	2001
11	Erection of one number 3 MWh Turbo Generator at M/s. Nager Taluka S.S.K Ltd, Dt. Ahamed Nagar	M/s. Isgec Covema Ltd, Noida	2002
12	Erection of one number 3 MWh Turbo Generator With H.P & Exhaust Piping at M/s. Sharad S.S.K Ltd, Kolaphur, Maharashtra (State).	M/s. Isgec Covema Ltd, Noida	2002

List of Erection of Cement Plant and Cement Plant Machineries

S.No	Description of work spot	Client's Name and Address	Completion Period / year
1	Erection and commissioning of Mini Cement Plant at Sri Duraga Cement Co. Ltd., Ramagarh Cantonment, Bihar	Binny Ltd., Meenambakam, Madras - 61	1983 – 84
2	Erection of Cement Plant Machineries at M/s. Hira Cement Works Ltd., Bardol, Dargarh	K.C.P Ltd, Thiruvottriyur, Madras -19	1982-83
3	Erection of Rotary Kiln at M/s. Digvijay Cement Co. Ltd., Jam Nagar.	Digvijay Cement Co.Ltd., Jam Nagar, Gujrat	1983-84
4	Rotary Drier Erection and Commissioning - 3M.Dia and 22M long on two supports at 2.2 M height at M/s. Tuticorin Alkali Chemicals and Fertilizers Ltd	K.C.P Ltd, Thiruvottriyur, Madras -19	1982-83
5	Erection of Rotary Kiln of 3.8 M dia and 22M long on two supports at 7 M height at SP1C	Mukund Iron and Steel Works Ltd., Thane	1983 – 84
6	Erection of Drier of 1.3 M dia and 15M long on two supports at 2.5 M height at SPIC	Binny Ltd., Meenambakam, Madras - 61	1983 – 84
7	Erection of Vacuum Balancing tunnel of 9 M dia and 15 M long in 36 mm plates at BHEL, Haridwar	JST Engineering Services, New Delhi	1982 – 83
8	Shutdown Job at Bagalkot for M/s. Kanoria Industries Ltd. Bagalkot	Unique Projects and Fabricators Pvt. Ltd.	1989 – 90
9	Erection of Kiln Feed Elevator and its auxiliaries at M/s. Kanoria Industries Ltd	Kanoria Ltd. Dagalkot,	1990

Turnover of Tessa Engineers & Enterprises, For the last 5 years

Year	Turnover Amount
2005 – 06	In India Rs.4,11,37,073/- Overseas Rs.4,29,10,903/- Total Rs. 8,40,47,976/-
2006 - 07	In India Rs.11,54,11,793/- Overseas Rs. 4,97,75,219/- Total Rs.16,51,87,012/-
2007 - 08	In India Rs.8,29,97,356/- Overseas Rs.9,13,25,368/- Total Rs.17,43,22,724/-
2008 - 09	In India Rs.10,92,22,816/- Overseas Rs.11,44,57,806/- Total Rs. 22,36,80,622/-
2009-10	In India Rs. 11,05,63,063/- Overseas Rs.10,18,65,590/- Total Rs. 21,24,23,653/-



RECENTLY EXECUTED PROJECTS AND PROJECTS UNDER EXECUTION FOR IMMEDIATE REFERENCE

No	Project Site	Description of contract	Persons Engaged	Time taken for completion (in months)	Reference Official
1	M/s. Bhushan Energy Ltd. Mera Mandali, denkanal, Orissa	Erection and Assistance in commissioning of Four boilers of 250 TPH capacity each	700 Nos	3 boilers were completed in 12 months Fourth boiler erection is under progress	Mr. Bala-subramaniyan Dy. GM.-IGEC - Contact - 9938767419
2	M/s. Empee Sugars and Chemical Ltd, Ambai	a) Erection and assistance in commissioning of two boilers of 135 TPH capacity at 110 ata pressure and 515 +/- 5 Deg. C temperature b) Erection and assistance in commissioning of complete Juice extraction plant of 40 x 80 mill suitable for 5000 TCD	430 Nos.	Erection is under execution. Expected to be completed in 10 months	Mr. Jaya-Chandran Managing Director, Empee Sugars, Chennai
3	M/s. Sennar Sugar Factory, Sennar, Sudan	Operation and Maintenance and training of the entire sugar factory of 6500 TCD	For Off Season 58 Nos & for Season 44 Nos	5 Years Every year, the contract is being renewed	Mr. Ismai,Ishag,Dy GM, Sennar Sugars, Sudan
4	M/s. Guneid Sugar Factory, Guneid, Sudan	Oper. & Maintenance and training of the entire sugar factory of 4500 TCD	For Off Season 42 Nos & For Season 22 Nos.	5 Years Every year, the contract is being renewed	

5	New Halfa Sugar Factory, New Halfa, Sudan	Operation and Maintenance and training of the entire sugar factory of 4500 TCD	For Off Season 57 Nos & For Season 38 Nos.	Five Years, Every year, the contract is renewed	
6	Vishwanath Sugar Mills, Bagewadi, Karnataka	Erection of Mills and Boiling House	150 Nos	2008 Completed in 12 months	
7	M/s. EID Parry India Ltd., Pettavaithalai, Tamil Nadu	Erection and Assistance of commissioning of one number boiler of 100 TPH capacity, 110 KSC pressure and 540 + / -5°C temperature	150 Nos.	2008 Completed in 12 Months	Gautham Gupta, Site in charge 9894704588
8	M/s. Triveni Engineering & Industries Ltd, Khatauli, U.P.	Erection & Assistance in Commissioning of one number Traveling Grate Boilers of 120 TPH capacity of 87 KSC working pressure 515 ± 5°C temperature	150 Nos.	2007 Completed in 9 Months	Mr. A.K.Sha, General Manager (Tech)
10	M/s. Triveni Engineering & Industries Ltd, Rani Nagal	Erection & Assistance in Commissioning of complete Sugar Plant of 5000 TCD	850 Nos.	2006 Completed in 10 Months	Mr. A.K.Tanwar President, 09759600201
11	M/s. Triveni Engineering & Industries Ltd, Chandanpur	Erection & Assistance in Commissioning of 5000 TCD Sugar Plant except the boiler	650 Nos.	2006 Completed in 11 Months	Same as above

12	M/s. Triveni Engineering & Industries Ltd, Kurja	Erection & Assistance in Commissioning of Milling Plant and Turbo Generator	250 Nos.	2006 Completed in 5 Months	Same as above
13	M/s. EID Parry India Ltd., Puglur, Tamil Nadu	Erection & Assistance in Commissioning of One number stoker boiler with traveling grate of 120 TPH capacity of 87 KSC working pressure 515 ± 5°C temperature	160 Nos.	2007 Completed in 10 Months	Gautham Gupta, Site in charge 9894704588
14	M/s. Bajaj Hindustan Ltd, Lakhimpur Kheri U.P	Erection and Assistance in Commissioning of three numbers Dumping Grate Boiler of 90 TPH capacity	200 Nos.	Completed in 14 Months	
15	M/s. Triveni Engineering & Industries Ltd, Khatauli, U.P.	Erection & Assistance in Commissioning of one number Traveling Grate Boilers of 120 TPH capacity of 87 KSC working pressure 515 ± 5°C temperature	150 Nos.	2007 Completed in 9 Months	Mr. A.K.Sha, General Manager (Tech)
16	M/s. Grasim Industries Ltd, Nagda, M.P	Erection & Assistance in Commissioning of One number AFBC Boiler 75 TPH capacity and 65 KSC (g) working pressure 485 ± 5°C temp.	100 Nos.	Completed in 8 Months	
17	M/s. EID Parry India Ltd., Puddukottai, Tamil Nadu	Erection & Assistance in commissioning of one number 100TPH Bagasse / Lignite / Imported coal fired Boiler of 87 KSC working pressure and 515 ± 5°C temperature	150 Nos.	Completed in 10 months	Gautham Gupta, Site in charge 9894704588

18	M/s. Bindal Sponge Ltd., Talchar, Orissa	Labour charges for unloading of all the ESP Components including Insulation material Shifting and erection ESP assembly of collection Electrodes and commissioning assistance for one ESP	50 Nos.	Completed in 12 Months	Mr. Vilas Yadav, Thermax Engg. 9890453487
19	M/s. Bindal Sponge Ltd., Talchar, Dist Angul, Orissa	Erection of one number Coal -cum -charcoal AFBC Boiler of 38 TPH of 65 kg/cm ² pressure 485±5 C Temperature and 300 MT fabrication	150 Nos.	Completed in 12 Months	Mr. Vilas Yadav, Thermax Engg. 9890453487
20	M/s. Wartsila India M/s. Saint Gobain Glass at Sriperumbudur	Erection and Assistance in commissioning one number DRC Type ESP	40 Nos.	Completed in 4 Months	Mr. Vilas Yadav, Thermax Engg. 9890453487
21	M/s. Triveni Engg & Industries Limited., Deobond, Saharnpur	a) Erection of One number boiler of 20 TPH of 88KG / cm ² 515±5 C Traveling Grate Boiler b) Erection of complete boiling House	250 Nos.	Completed in 11 Months	Mr. A.K.Tanwar President, 09759600201
22	M/s. Seshasayee Paper & Boards Ltd., Pallipalayam, Erode.	Erection and Assistance in commissioning of one number Bagasse fired boiler of 117 TPH AFBC Boiler	120 Nos.	Completed in 12 Months	Ramadoss C.E
23	M/s. Wartsila India Ltd. Tuticorin	Erection and Assistance in commissioning of Five Numbers DRC Type 3 TPH boilers of 13.5 KSC (g) EGB	50 Nos.	Completed in 4 Months	Mr. Vilas Yadav, Thermax Engg. 9890453487 9890
	M/s. Clarion Power	Erection and Assistance in			Srivatsav C. E

24	Corp. Ltd Tangutur, Ongole Dist.	commissioning of One number Boiler of 57 TPH Capacity with accessories Pipeline etc.	150 Nos.	Completed in 12 Months	Sri Hari, Manager
25	M/s. Kongola Copper Mines, Chingola, Zambia .	Erection of Raw Material Handling System	25 Nos.	Completed in 12 Months	Mr. Frank Morais , 260966999747
	M/s. Kongola Copper Mines,	Erection of Raw Material Handling System and			Mr.Suffal Chief Engineer
26	Chillanowhre, Zambia	Maintenance work	70 Nos.	Completed in 12 Nos.	Mrs Sneha Deepthi Engineer
27	M/s. Kongola Copper Mines Chingola.	Laying of Pipe lines.	25 Nos.	Completed in 12 Months	Mr. Frank Morais 00260966 999747

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