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This reference lists contains
details of Electrical Installation works
carried out by Contractors Departments
classified Industry wise in
chronological order.

ABBREVIATIONS :

E	:	Erection	Mo	:	Modification
C	:	Commissioning	I	:	Inspection & repairs
M	:	Maintenance	SE	:	Supervision of erection
			Su	:	Supply

BASIC INDUSTRIES

Iron & Steel	:	Rolling Mills, Processing Lines, Sponge Iron, Pelletisation
Non Ferrous	:	Smelter, Fabrication, Rolling Mills, Processing Lines
Oil	:	Refining, Petrochemicals
Coal	:	Crushers, Washeries

	Client	Plant	Equipment	Scope of Work	Year
1.	Steel Authority of India Ltd., Roukela Street Plant, Roukela	Cold Rolling Tandem Mills Pickling Annealing Galvanising & Finishing Lines	Main, Auxiliary and Rolling Table Motor Rectifiers Control Panels AC/DC Switchgear HT/LT Cabling	E & C	1966
2.	Visvesvaraya Iron & Steel Ltd., Bhadravati	Alloy & Special Steel Pig Iron Furnace	8 MVA Furnace Transformers DC Drives Motors Convertors Crane Controls HT/LT Cabling	E & C M	1967
3.	Visvesvaraya Iron & Steel Ltd., Bhadravari	Captive Power	1000 kVA Diesel Generators Control Panels	E & C	1968
4.	Indian Petrochemicals Corporation Ltd.,	Aromatics	33kV Switchyard Equipment 2 x 5 MVA Transformers AC Drive motors HT/LT Switchboards Control Panels Lighting Cabling	E & C	1973
5.	Steel Authority of India Ltd., Bokaro Steel Plant, Bokaro	Power Plant Oxygen Plant Blast Furnace Convertor Shops	11 kV/6.6 kV Switchboards Load Centre Substations	E & C	1974
6.	Indian Oil Corporation Ltd., Haldia	Refinery	33 kV Switchyard Equipment 3 x 8 MVA Power Transformers HT/LT Switchboard AC Drives Motors Diven. IV Lighting Cabling	E & C	1975
7.	Hindustan Zinc Ltd., Udaipur	Zinc Smelter	2 x 16 Switchyard Sets 11 kV Switchboard Heavy Current Aluminium Totalising Busbar System	E & C	1976
8.	Echjay Steel Ltd., Rajkot	Ministeel	Electronic Control Panel	I	1977
9.	Hindustan Zinc Ltd., Visakhapatnam	Zinc Smelter	2 x 13 kA Rectifier Sets 11 kV Switchboard	E & C	1977
10.	Bharat Aluminium Company Ltd., Kobra	Aluminium Smelter Fabrication	33 kV Switchyard Equipment 10 x 12.5 MVA Transformers 6.6 kV Switchyard Load Centre Substations HT/LT Cabling	E & C	1979

BASIC INDUSTRIES

	Client	Plant	Equipment	Scope of Work	Year
11.	Steel Authority of India Ltd., Roukela Steel Plant, Rourkela	Main Step-Down Substation No. 2 Silicon Steel Shop New Steel Melting Shop	132 kV and 33 kV Switchyards 2 x 63 MVA Transformers 2 x 31.5 MVA Transformers 3 x 12.5 MVA Transformers 6.6 kV Switchboards Load Centre Substations HT/LT Cabling & Earthing	E & C	1979
12.	Chowgule & Co., Pvt. Ltd., Sirigoa, Costi	Iron Ore Benefication	32 kV Switchyard Equipment AC Drive Motor HT/LT Switchboards Lighting Cabling	E & C	1979
13.	Sponge Iron India Ltd., Paloncha	Sponge Iron	33 kV Switchyard Equipment 2 MVA Transformers 11 kV & 415 V Switchboard Cabling & Earthing.	E & C	1980
14.	Mishra Dhatu Nigam Ltd., Hyderabad	Alloy Annealing	DC Drive Motors Thyristor Convertors Control Panels	SE & C	1980
15.	Mandovi Pellets Ltd.,	Iron Ore Pelletisation	110 kV Switchyard Equipment 2 x 12.5 MVA Transformers HT AC Drive Motors 6.6 kV Switchboards Control Panels Lighting Cabling	E & C	1980
16.	Bharat Aluminium Company Ltd., Kobra	Aluminium Sheet Rolling	9000 kW Synchronous MG Sets DC Drive Motors Thyristor Convertors Group Control Panels HT Cabling	E & C	1982
17.	Steel Authority of India Ltd.,	Main Step-Down Substation No. 2 Plate mill Power Plant Continious Casting Plant Convertor Shops	132 kV Switchyard Equipment 2 x 50 MVA Transformers 2 x 12.5 MVA Transformers 6.6 kV Switchboards Load Centre Substations	E & C	1982
18.	Cominco Binani Zinc Ltd., Always	Zinc Smelter	1 x 16.5 kA Rectifier Set Rectifier Transformers Transducers, Control Panels	E & C	1982
19.	Tata Iron & Steel Co. Ltd., Jamshedpur	Bar & Rod Mill	6.6 kA Switchboard Load Centre Substations HT/LT Cabling	E & C	1982
20.	Bharat Coking Coal Ltd., Moonidih	Coal Washey	6.6 kV & 415 V Switchboard 6 x 2 MVA Transformers AC Drive Motors Lighting Cabling	E & C	1982

BASIC INDUSTRIES

	Client	Plant	Equipment	Scope of Work	Year
21.	Madras Refineries Ltd., Madras	Refinery (Expansion)	110kV Switchyard Equipment 1 x 12.5 MVA Transformer 1 x 6 MVA Transformer 6.6 kV & 416 V switchboards AC Drive Motors Divn. IV Lighting Cabling and Earthing	E & C	1984
22.	Bharat Pumps and Compressors Ltd., Allahabad	Shell Forging	1200 kV, 600 Hz Induction Heating Equipment	SE & C	1984
23.	Hindustan Development Corporation, Dankuni	Steel Foundary	33 kV Switchyard Equipment 8 MVA Transformer	E & C	1984
24.	Ordance Factory, Kanpur	Shell Forging	1800 KW, 600 Hz Induction Heating Equipment	SE 7 C	1985
25.	Defence Metallurgical & Research Laboratory, Hyderabad	Titanium Rolling Mill	300 KW DC Motor Thyristor Converter MCC, Control Devices Cabling and Earthing	E & C	1985
26.	Sponge Iron India Ltd., Paloncha	Iron	2 MVa Transformer 33 kV Switchgear, LT Motors MCC and Control Panels Cabling and Earthing	E & C	1984
27.	Orissa Mining Corporation, Bamnipal	Charge Chrome	132 kV Switchyard Equipment 40 Ma & 4 MVa YTransformers 30 MVa Furnace Transformer 33 kV, 6.6kV & 415V Switchboards Thyristor Convertors HT and LT Motors Communication System Lighting Cabling and Earthing	E & C	1986
28.	Bongaigaon Refineries & Petrochemicalls Ltd.	Staple Fibre	11 kV Switchboards	E & C	1986
29.	National Aluminium Co. Ltd., Damanjodi	Evaporation	415 V PCC and MCC	E & C	1986
30.	Central Coal Fields Ltd., Rajrappa	Coal Washery	6.6 kV Switchboards 600 kVA Transformers 415 V Switchboards Control & Relay Panels HT and LT Motors Communication System Cabling and Earthing	E & C	1987
31.	Cominco Binani Zinc Ltd., Alwaye	Zinc Smelter	2 x 16.5 kA Rectifier Sets Rectifier Transformers Transducers, Control Panels Aluminium Totalising Busbar System	E & C	1988
32.	Ispat Profiles India Ltd., Pune	Roiling Mill	Thyristor Convertors PCCs, MCCs and DBs Control Panels, Desks Cabling	E & C	1988

BASIC INDUSTRIES

	Client	Plant	Equipment	Scope of Work	Year
33.	Rashtriya Ispat Nigam Ltd. Visakhapatnam Steel Plant	Light & Medium Merchant Mill	Main Auxiliary and Roller Table Motors Thyristor Transformers Thyristor Convertors Programmable Logic Controls Material Tracking Computers Microprocessor Control Panels Semivertors and Monovertors MCCs, PCCs, Control Devices Cabling and Earthing	SE E&C	1989
34.	Madras Refineries Ltd. Manali, Madras	Refinery (Modernisation)	Cabling & Earthing	E & C	1989
35.	Hindustan Copper Ltd. Khetri, Rajasthan	Copper Smelter	9.5 kA Rectifier Unit Rectifier Transformer Transductors	E & C	1990
36.	Hindustan Zinc Ltd. Chandaria, Rajasthan	Zinc Smelter	MCCs Cable Trays Cabling and Earthing	E & C	1991
37.	Madras refineries Ltd. Manali, Madras	Refinery (Power Plant)	Lighting Cabling and Earthing	E & C	1991
38.	Steel Authority of India Ltd. Bokaro Steel Ltd. Bokaro, Bihar	DBTU Scheme	4x1.6MVA Transformers 6.6KV Switchboards Cabling & Earthing	E & C	1991
39.	Madras Refineries Ltd. Manali, Madras	Mandatory Tank	110 KV Switchyard Equipment 1x12.5 MVA Transformers 6.6 KV Switchboards Cabling	E & C	1991
40.	Madhya Pradesh Iron & Steel Ltd. Gwalior	Bar & Rod Mill	Thyristor Transformers Thyristor Convertors PCCs, MCCs and DBs Control Panels, Desks Cabling	E & C	1992
41.	Madras Refineries Ltd. Manali, Madras	Refinery Automation	Process Information Network Cabling	E & C	1992
42.	Madhya Pradesh Iron & Steel Ltd., Gwalior	Oxygen Plant	Motor Control Centres Lighting Cabling and Earthing	E& C	1992
43.	Madhya Pradesh Iron & Steel Ltd., Gwalior	Steel Melting Shop Automation	70MVA Furnace Transformer	E & C	1992
44.	Steel Authority of India Ltd. Rourkela Steel Plant Rourkela	TBDB Plant	1600 kVA Transformers 415 V Switchboards Cabling & Earthing Cabling and Earthing	E & C	1992
45.	Steel Authority of India Ltd. Durgapur Steel Plant Durgapur	TBDB Plant	Motor Control Centres Lighting Cabling & Earthing	E & C	1992

BASIC INDUSTRIES

	Client	Plant	Equipment	Scope of Work	Year
46.	Steel Authority of India Ltd. Durgapur Steel Plant Durgapur	Cokeoven Byproduct	Motor Control Centres Earthing	E & C	1992
47.	The Tata Iron & Steel Co. Ltd. Jamshedpur	Hotstrip Mill	33kV, 6.6kV Switchboards Auxiliary and Roller Table Motors Thyristor Convertors Thyristor Transformers Programmable Logic Controls Microprocessor Control Panels MICCs PCCs, Control Devices Busbar system Cable trays Cabling and Earthing	E & C	1993
48.	The Tata Iron & Steel Co. Ltd. Jamshedpur	Reactive Power Compensation	33kV Reactors, Capacitors, Control panels Cabling and Earthing	E & C	1993
49.	The Tata Iron & Steel Co. Ltd. Jamshedpur	Slab Caster	6.6kV Switchboard Cabling and Earthing	E & C	1993
50.	Madras Refineries Ltd. Manali, Madras	Lube Expansion	110kV Switchyard equipment 1 x 12.5 MVA Transformer Yard Lighting Cabling and Earthing	E & C	1993
51.	Madras Refineries Ltd. Manali, Madras	Refinery II Expansion	415 V Switchboards Lighting Cabling and Earthing	E & C	1993
52.	Chowgule & Co. Pvt. Ltd. Sanguem (Goa)	Iron One Benefaction	33 kV switchyard equipotent 6.6 kV Switchboard 415 V Switchboards Control devices Cable trays Lighting Cabling and Earthing	E & C	1993
53.	Lloyds Steel Ltd. Wardha, Maharashtra	Hot Strip Mill & Steel Melting Shop	40 MVA Furance Transformers 10 MVA Furnace Transformers 33 kV Switchboards Thyristor Converters, PDBs, MCC Control devices Busbar Systems Cable trays Cabling and Earthing	E & C	1993

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	Client	Plant	Equipment	Scope of Work	Year
54.	Essar Steel Hazira, Gujarat	Hot Strip Mill & Steel Melting Shop	80 MVA Furnace Transformers 28 MVA Furnace Transformers Thyristor Transformers 6.6kV & 415V Switchboards 415 V MCC, PCCs PLCs, Control desks, Cabinets Thyristor Convertors, HSCBs HT, LT and Control Cabling	E & C	1993
55.	Maruthi Udyog Ltd Gurgaon, Haryana	Assembly Shop Machine Shop Press Shop Paint Shop	415V Switchboards Bus Trunking Lighting Cabling and Earthing	E & C	1993
56.	Visvesvaraya Iron & Steel Ltd., Bhadravati	BF Complex	6.6 kV Switchboards 2x12.5 MVA Transformer Cabling and Earthing	E & C	1993
57.	Madras Refineries Ltd. Manali, Madras	Refinery	110 kV and 3.3 kV Equipment 1x12.5 MVA Transformer 6.6 kV Switchboards	M	1993
58.	The Tata Iron & Steel Co. Ltd. West Bokaro Collieries.	Coal Preparation Plant	11kV and 3.3kV Switchboards 5x2000 KVA Transformers 415V Switchboards HT/LR Motors Cabling and Earthing	E & C	1994
59.	The Tata Iron & Steel Co. Ltd. West Bokaro	Coal Washery	Lighting and Cabling	S, E & C	1994
60.	Steel Authority of India Ltd. Rourkela Steel Plant	TBDB Shop	3 x 1600 kVA Transformers 415V Switchboards PCCs, MCCs, and DBs Control Panels and desks Lighting Cabling and Earthing	S, E & C	1994
61.	Vardhaman Special Steels Ltd. Ludhiana	Alloy Steel	66kV Switchyard Equipment 1x31.5 MVA Transformer 11kV Switchboards Cabling and Earthing	E & C	1994
62.	Steel Authority of India Ltd. Rourkela Steel Plant. Rourkela	Tandem Mill (Modernisation)	1x12MVA Transformer 1x2.9 MVA Transformer 1x1.8 MVA Transformer Thyristor Convertors 415V Switchboards		
63.	Mining & Allied Machinery Corporation Ltd. Madhuband	Coal Washery	33kV Switchyard Equipment 6.6kV & 415V Switchboards 12.5kV & 415V Transformers HT/LT Motors, Control desks Lighting, Cabling and Earthing	E & C	1994

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	Client	Plant	Equipment	Scope of Work	Year
64.	The Tata Iron & Steel Co. Ltd. Jamshedpur	Shearing Line	Thyristor Convertors, PDB, MCCS Control devices, AC, DC Motors Programmable Logic Control Panels Control Desks, Cabinets Cabling and Earthing	E & C	1994
65.	The Tata Iron Steel & Co. Ltd. Jamshedpur	Slitting Line	4x1600 kVA Transformers 415V Switchboards Thyristor Convertors Busducts Cabling & Earthing	E & C	1994
66.	Lloyds Steel Ltd. Wardha	Hot Rolling Mill	40 MVA Furnace Transformers 10 MVA Laddle Furnace Transformers Thyristor Trafos and Convertors AC/DC motors DC Reactors Cabling & Earthing	E & C	1994
67.	Llyods Steel Ltd. Wardha	Cold Rolling Mill	Thyristor Trafos and Convertors AC/DC Motors DC Reactors Cabling and Earthing	E & C	1995
68.	Essar Projects Ltd., Vizag	Pelletisation Plant	6 x 1000 kVA Transformers 6.6 kV Switchboards 415V Switchboards HT/LT Motors Control Devices Cable Trays, Cabling Lighting and Earthing	E & C	1995
69.	Central Coal Fields Ltd Kedla	Coal Washery	6.6kV & 415V Switchboards 6 x 2 MVA Transformers HT & LT Motors, Control Desks Lighting, Cabling and Earthing	E & C	1995
70	Steel Authority of India Ltd. Roukela Steel Plant Roukela	Basic Oxygen Furnace	11kV Swithboards 415V MCCs, PCCs Control desks, Cabinets Cabling and earthing	SE	1995
71.	Steel Authority of India Ltd. Roukela Steel Plant Roukela	Plate Mill (Modernisation)	7 x 1600 kVA Transformers 415V Switchboards AC/DC Motors Control Devices	E & C	1995
72.	Essar projects Ltd. Hazira	Shearing and Slitting Line	Tryristor Convertors, PDBs, MCCS Converto Transformers Control devices, AC, DC Motors Programmable Logic Control Panels Control Desks Cabinets Cabling and Earthing	E & C	1995

BASIC INDUSTRIES

	Client	Plant	Equipment	Scope of Work	Year
73.	Ispat Industries Ltd. Dolvi, Maharashtra	Hot Strip Mill	6.6 kV Switchboards 415 V Switchboards AC, DC Motors Programmable logic Control Panels Control Desks, Cabinets Cabling and Earthing	E & C	1996
74.	Lloyds Steel Ltd. Wardha, Maharashtra.	Cold Rolling Annealing	Thyristor Trafos & Convertors AC/DC Motors Cabling and Earthing	E & C	1996
75.	The Tata Iron & Steel Co. Ltd. Jamshedpur	Hot Strip Mill (Modernisation)	3 x 1600 kVA Transformers 6.6 kV Switchboards 415 V Switchboards Thyristor Trafos and Convertors AC/DE motors DC Reactors Control Devices Cable Trays Cabling and Earthing	E & C	1997
76.	Ispat Industries Ltd. Dolvi, Maharashtra	Steel Melting Shop, EAF, LF, VD, VOD Water Supply System	1x137 MVA Furnace Transformer 1x30 MVA Furnace Transformer 3x30 MVA Transformer 3x1600kVA Transformer 33kV Switchboards 415 V Switchboards Programmable Logic Control Panel, Control Desks & Cabinets Control Devices Cable Trays Cabling and Earthing	E & C	1997
77.	Hindustan Zinc Ltd. Vizag	Zinc Smelter	2x15 kA Rectifier Sets Transducers, Control Panels Heavy Current Aluminium Totalising Busbar System	E & C	1997
78.	Jindal Vijayanagar Steel Ltd. Torangallu, Karnataka	Basic Oxygen Furnace and Continuous Casting Plant	2x25 MVA Transformer 1x20 MVA Furnace Transformers 33 kV, 6.6 kV Switchboards 415V Switchboards Thyristor Trafos and Convertors AC/DC Motors Control Devices Control Desks Cable Trays Cabling and Earthing		
79.	Ispat Metallics India Ltd. Dolvi, Maharashtra	BF Complex and RMHS	3x25 MVA Transformers 1000 kVA Transformers 33 kV, 6.6 kV Switchboards 415 V Switchboards Control Devices Control Desks Cable Trays Cabling Lighting and Earthing	Supply E & C	1997

PROCESS INDUSTRIES

Electrolysis, Paper, Rubber,
Chemicals, Sugar, Glass,
Cement, Fertilisers, Graphite

	Client	Plant	Equipment	Scope of Work	Year
1.	Mysore Cements Ltd., Ammasandra	Cement	11 kV Switchboards HT/LT Motors 415 V PCCs, MCCs Cabling and Earthing	E & C	1967
2.	Orient Paper Mills Ltd., Brajarajgarh	Paper	Automatic Voltage Regulator	I	1968
3.	National Newsprint & Paper Mills Ltd., Nepanagar	Paper	Rectifiers DC Drive Motors Control Panels	SE & C	1970
4.	Goodyear India Ltd., Ballabgarh	Tyre	HT/LT Switchgear Transformers DC Drive Motors Logic Control Panels Cabling	E & C	1971
5.	Ballarpur Industries Ltd., Yamunanagar	Electrolysis	1 x 33 kA Rectifier Set Rectifier Transformer Transducers, Control Panels	E & C	1973
6.	Ballarpur Industries Ltd., Balharshah	Electrolysis	1 x 33 kA Rectifier Set Rectifier Transformer Transducers, Control Panels	E & C	1973
7.	Travancore Electro- Chemicals Industries Ltd., Kottayam	Chemicals	10 MVA Furnace Transformer	C	1973
8.	Panyam Cements & Mineral Industries Ltd., Bellary	Cement	Automatic Electrode Control System for Furnace	C	1974
9.	Modi Rubber Ltd., Modinagar	Tyre	DC Drive Motors Logic Control Panels Automatic Voltage Regulator	E & C	1974
10.	Sahu Jain Ltd., Varanasi	Fertilisers	Automatic Voltage Regulator	I	1974
11.	Travancore Cochin Chemicals Ltd., Eloor	Electrolysis	3 x 55 kA Rectifier Sets Rectifier Transformers Transducers, Control Panels	E & C	1975
12.	Ballarpur Industries Ltd., Karwar	Electrolysis	2 x 55 kA Rectifier Sets Rectifier Transformers Transducers, Control Panels	E & C	1975
13.	Mangalore Chemical & Fertilisers Ltd., Mangalore	Fertilisers	2 x 40 MVA 110 kV Power Transformers	E & C	1975
14.	Gujarat Alkalies & Chemicals Ltd., Baroda	Electrolysis	2 x 90 kA Rectifier Sets Rectifier Transformers Transducers, Control Panels	E & C	1976

PROCESS INDUSTRIES

	Client	Plant	Equipment	Scope of Work	Year
15.	Hindustan Electro-Graphite Ltd., Bhopal	Graphitization	2 x 55 kA Rectifier Sets Rectifier Transformers Heavy Current Busbar System	E & C	1977
16.	Carbon Corpn. Ltd., Nasik	Graphitization	2 x 70kA Rectifier Sets Rectifier Transformers Transducers, Control Panels	E & C	1977
17.	Tirupattur Co-op. Sugar Mills Ltd., Ketandapatti	Sugar	Automatic Control Panels for Alternators	SE & C	1977
18.	Saraswati Sugar Mills, Yamunanagar	Sugar	Automatic Control Panels for Alternators	C	1977
19.	Kothari Chemicals Ltd., Madras	Electrolysis	2 x 90 kA Rectifier Sets Rectifier Transformers Transducers, Control Panels	E & C	1978
20.	Punalur Paper Mills Ltd., Punalur	Paper	Thyristor Convertors	C	1978
21.	Star Chemicals (Bombay) Pvt. Ltd., Bombay	Chemicals	22 kV Air Blast Circuit Breaker	I	1979
22.	Graphite India Ltd., Bangalore	Graphitization	2 x 70kA Rectifier Set Rectifier Transformers Transducers, Control Panels	E & C	1980
23.	Kerala Chlorates & Chemicals Ltd., Mavelikara	Electrolysis	1 x 16 kA Rectifier Set Rectifier Transformer Control Panels	E & C	1980
24.	Calico Mills, Ahmedabad	Chemicals	1 x 10 kA Rectifier Set Rectifier Transformer Control Panels	SE & C	1980
25.	Mysore Paper Mills Ltd., Bhadravati	Paper	Thyristor Convertor DC Drive Motors Control Panels	SE & C	1981
26.	Fertiliser (Planning & Development) India Ltd., Sindri	Fertilizers	11 kV Synchronous Motor	I	1981
27.	National Rayon Corporation Ltd., Kalyan	Electrolysis	3 x 12 kA Rectifier Set Rectifier Transformers Control Panels	E & C	1981
28.	Hindustan Heavy Chemicals Ltd., Khardah	Chemicals	1 x 30 kA Rectifier Set Transducers, Control Panels	SE & C	1982
29.	Kanoria Chemicals & Industries Ltd., Renukoot	Electrolysis	2 x 25 kA Rectifier Set Rectifier Transformer Transducers, Control Panels	SE & C	1982
30.	Diamond Cements, Narasingarh	Cement	10 MVA Trnsformer HT/LT Drive Motors Thyristor Convertors Control Panels Cabling	E & C	1982

PROCESS INDUSTRIES

	Client	Plant	Equipment	Scope of Work	Year
31.	Shree Vallabh Glass Works Boisar	Glass	DC Drive Motors	C	1983
32.	Modi Alkalies & Chemicals Ltd., Alwar	Electrolysis	2 x 80kA Rectifier Set Rectifier Transformers Transducers, Control Panels	E & C	1983
33.	Gwalior Rayon Silk Manufacturing (Weaving Co) Ltd., Nagda	Electrolysis	2 x 80kA Rectifier Set Rectifier Transformers Transducers, Control Panels	SE & C	1983
34.	Modi Alkalies & Chemicals Ltd., Alwar	Caustic Soda	33 kV Capacitors & Rectors	E & C	1985
35.	Chittorgarh Cement Works, Chittorgarh	Cement	132 kV Switchyard Equipment 16 MVA Transformers	E & C	1986
36.	Fertilizer (Planning & Development) India Ltd. Namrup	Ammonia & Urea	11 kV & 3.3 kV Switchboards	E & C	1986
37.	Fertilizer (Planning & Development) India Ltd. Namrup	120 T/Hour Boiler	415 V PCC & MCC Control Panels Lighting & Cabling	E & C	1986
38.	Hindustan Paper Corporation Nowgong	Paper	55 kA/33kA Rectifier sets Rectifier Transformers Transducers, Control Panels	E & C	1986
39.	Oil & Natural Gas Commission, Uran	Gas Processing Complex	11 kV Switchboards	E & C	1987
40.	Ballarpur Industries Ltd. Yamunanagar	Caustic Soda	33kA & 23 kA Rectifier Set Rectifier Transformer Transducers, Control Panels	E & C	1987
41.	Indian Explosives Ltd., Thane	Fibre	Thyristor Convertors DC Drive Motors Logic Control Panels	C	1987
42.	Diamond Cement Narsingarh	Cement (Expansion)	2 MVA Transformers 6.6kV Switchboard 415 V PCCs, MCCs Cabling	E & C	1988
43.	Satna Cement Narsingarh	Cement (Expansion)	132kV Transformers 6.6kV Switchboard 415V PCCs, MCCs Cabling	E & C	1988
44.	KG Gluco Boils Ltd. Karnataka	Food	33 kV Switchboard 2 x 2 MVA Transformers 415 PCCs, MCCs 33kV Cabling LT Cabling & Plant Lighting	E & C	1989
45.	Fertilizer Corporation of India Ltd., Talcher Orissa	Fertilizer	6.6kV & 415 V Switchboards Cable Laying & Earthing	E & C	1989

PROCESS INDUSTRIES

	Client	Plant	Equipment	Scope of Work	Year
46.	Udaipur Cement Works Udaipur, Rajasthan	Cement	132 kV Switchyard Equipment 6.6 kV Switchboard 415 V PCCs & MCCs Cable trays Cable Laying & Earthing	E & C	1989
47.	Vikrant Tyres Ltd. Mysore, Karnataka	Tyre	66kV Switchyard Equipment 5MVA & 2 MVA Transformers 6 kV Switchboards 415 PCCs & MCCs Cabling & Earthing	E & C	1990
48.	Ballarpur Paper Mills Ballarpur, Maharashtra	Paper	32 kA Rectifier Set Rectifier Transformer Transducers & Control Panels	E & C	1991
49.	Jaypee Rewa Rewa, Madhyrapadesh	Cement	7x2 MVa Transformers 6.6kV Switchboards 415 V PCCs, MCCs & Busducts 6.6kV & 415 V Capacitor banks Cable Trays Cabling & Earthing	E & C	1991
50.	Ballarpur Paper Mills Ballarpur, Maharashtra	Paper	High Current Aluminium totalising busbar system	E & C	1991
51.	Century Chemicals Ltd. Kalyan	Electrolysis (Caustic Soda)	1x15kA Rectifier Set Rectifier Transformer Control Panels Cabling & Earthing	E & C	1992
52.	Madras Fertilizers Ltd. Manall	Fertilizer (Revamping)	31.5 MVA Transformers 6.6 kV Switchboard Cable trays Cabling & Earthing	E & C	1993
53.	Hindustan Zinc Ltd. Udaipur	Electrolysis (Metal Refining)	1 x 15 kA Rectifier Set Rectifier Transformer Control Panels Cabling & Earthing	E & C	1993
54.	TISCO Cement Project Sonadih	Cement	6.6 kV Switchboard 2000 kVA Transformers 415V PCCs & MCCs Cable trays Lighting Cabling & Earthing	E & C	1993
55.	TISCO Cement Project Jojobera	Cement	6.6 kV Switchboard 2000 kVA Transformers 415V PCCs, MCCs Cable trays Lighting Cabling & Earthing	E & C	1993

PROCESS INDUSTRIES

	Client	Plant	Equipment	Scope of Work	Year
56.	Atul Products Ltd. Atul, Maharashtra	Electrolysis (Caustic Soda)	1 x 48 kA Rectifier Set Rectifier Transformer Control Panels Cabling and Earthing	E & C	1993
57.	Klockner Supreme Pentaplast Ltd. Gwalior	Rigid Plastic Film	33 kV Switchboard Equipment 415 V Switchboards Thyristor Convertors Control Panels, Control Desks Cabling, Lighting and Earthing	E & C	1993
58.	Straw Products Ltd. Rayagada	Paper	2 x 24 kA Rectifier set Rectifier transformers Control Panels Cabling and Earthing	E & C	1994
59.	Maihar Cement Ltd. Maihar	Cement	Programmable Logic Control Panels S, E & C Process instruments Cabling		1994
60.	Southern Petro Chemical Industries Corporation Ltd. Manali, Chennai	Chemicals	1x56 kA Rectifier set Rectifier transformer Transducers and control panels	E & C	1995
61.	Khanna Paper Mills Amritsar	Paper	132 kV Switchyard Equipment 1 x 2000 kVA Transformers Cable laying & earthing	E & C	1996
62.	Jaypee Bela Cement Bela	Cement	6.6 kV Switchboards 8 x 2000 kVA Transformers 415 V PCCs, MCCs & Busducts 6.6kV & 415 V Capacitor banks HT/LT Motors Cable trays & Cabling	E & C	1996
63.	Jaypee Bela Cement Bela	Cement	Programmable Logic Control Panels E & C Process Instruments Cabling		1996
64.	DLF Cement Ltd., Rabriawas	Cement	6.6 kV Switchboard 8x2 MVA Transformers 415V MCCs & PCCs Cable trays Lighting Cabling & Earthing	E & C	1996
65.	DLF Cement Ltd. Rabriawas	Cement	Programmable logic Control Panels E & C Process instruments Cabling		1996

POWER DISTRIBUTION

GENERATING STATIONS : Auxiliary Switchgear and Motor Control Centres
 SUBSTATIONS : Main Receiving Stations, Switchyards

	Client	Plant	Equipment	Scope of Work	Year
1.	Bhabha Atomic Research Centre, Trivandrum	Space Research	11kV Switchboards	E & C	1974
2.	Indian Farmers Fertilisers Co-op. Ltd., Kandia	Fertilisers	55 kV Switchyard Equipment 2 x 5 MVA Transformers 3.3 kV Switchboard	E & C	1975
3.	National Mineral Development Corpn. Ltd., Bailadila	Iron Ore Mining	33 kV Switchyard Equipment 8 MVA Transformer 11kV/3.3kV Switchboards Cabling	E & C	1975
4.	Bhabha Atomic Research Centre, Kalpakkam	Nuclear Power	11/6.6/3.3 kV Switchboards	E & C	1976
5.	Bhabha Atomic Research Centre, Tuticorin	Heavy Water	110 kV Switchyard Equipment 2 x 10 MVA Transformers 3.3 kV Switchboard Cabling	E & C	1976
6.	Escorts Ltd., Bangalore	Automotive	66 kV Switchyard Equipment 2 x 5 MVA Transformers 3.3 kV Switchboard Cabling	E & C	1977
7.	Cochin Shipyard Ltd., Cochin	Shipbuilding	11 kV Switchboards	E & C	1977
8.	Indian Drugs & Pharmaceuticals Ltd., Gurgaon	Pharmaceutical	2 x 1600 kVA Transformers 11 kV Switchboard	E & C	1978
9.	Maharashtra State Electricity Board, Koradi, Nasik, Bhusaval	Thermal Power	6.6 kV Switchboards	SE & C	1978
10.	Gujarat Electricity Board, Ukai	Thermal Power	25 MVA Transformer	SE & C	1978
11.	Gujarat Electricity Board, Ukai	Thermal Power	6.6 kV Switchboards	E & C	1979
12.	Andhra Pradesh Electricity Board, Vijayawada	Thermal Power	6.6 kV Switchboards	E & C	1979
13.	Mysore Paper Mills Ltd., Bhadravati	Paper	110 kV Switchyard Equipment 2 x 25 MVA Transformers	E & C	1981
14.	Steel Authority of India Ltd., Salem Steel Plant, Salem	Stainless Steel Rolling Mills	110 kV Switchyard Equipment 2 x 12.5 MVA Transformers 11 kV Switchboards Cabling	E & C	1981
15.	Indian Drugs & Pharmaceuticals Ltd., Hyderabad	Pharmaceutical	1600 kVA Transformers 6.6 kV Switchboards Load Centre Substations Cabling	E & C	1981
16.	Indian Drugs & Fertilisers Co-op. Ltd., Kandla	Fertilisers	66 kV Switchyard Equipment 1 x 5 MVA Transformer	E & C	1981

POWER DISTRIBUTION

	Client	Plant	Equipment	Scope of Work	Year
17.	Madhya Pradesh Electricity Board, Gralior	Grid Substation	4 x 40 MVA, 220 kV Power Transformers	SE & C	1982
18.	Satna Cement Works Satna	Cement	132 kV Switchyard Equipment 2 x 12.5 MVA Transformers	E & C	1982
19.	Cement Corporation of India Ltd., Adilabad	Cement	132 kV Switchyard Equipment 2 x 10 MVA Transformers 6.6 kV Switchboards Cabling	E & C	1982
20.	Tamilnadu Electricity Board, Tuticorin	Thermal Power	415 V MCCs	Mo E & C	1983
21.	National Thermal Power Corporation, Korba	Thermal Power	24 x 1250 kVA Transformers	E & C	1983
22.	National Thermal Power Corporation, Ramagundam	Thermal Power	420 kV SF ₆ Circuit Breakers	SE & C	1983
23.	National Thermal Power Corporation, Ramagundam	Thermal Power	415 V PCCs & MCCs	SE & C	1984
24.	National thermal Power Corporation, Singrauli	Thermal Power	420 kV SF ₆ Circuit Breakers	SE & C	1985
25.	Punjab State Electricity Board, Ropar	Thermal Power	50 MVA, 220 kV Transformer	SE & C	1985
26.	Uttar Pradesh State Electricity Board Basti	Grid Substation	100 MVA, 220 kV Transformer	SE & C	1985
27.	Maharashtra State Electricity Board Koradi	Thermal Power	11 kV Switchboards	SE & C	1985
28.	Cement Corporation of India Ltd., Tandur	Cement	132 kV Switchyard Equipment 2 x 25 MVA Transformers 13 x 1600 kVA Transformers 6.6 kV Switchboards Cabling and Earthing	E & C	1986
29.	Department of Atomic Energy, Mysore	Rare Metals	11 kV Switchboards	E & C	1986
30.	Neyvelli Lignite Corporation, Neyveli	Thermal Power	6.6 kV Switchboards 6.6 kV Busducts	E & C	1986
31.	Karnataka Power Corporation Raichur	Thermal Power	415 V Switchboards	E & C	1986
32.	Steel Authority of India Ltd., Bhilai Steel Plant	Blast Furnace No. 7	11 kV Switchboards	E & C	1986
33.	Steel Authority of India Ltd., Bhilai Steel Plant	Coal Dust Injection Plant	6.6 kV Isolators 1000 kVA Transformers 415V Switchboards 415V Busducts Cabling	E & C	1986

POWER DISTRIBUTION

	Client	Plant	Equipment	Scope of Work	Year
34.	Steel Authority of India Ltd., Bhilai Steel Plant	Steel Melting Shop	220 V, 1500 Amps Rectifier Sets Rectifier Transformers DC Switchboards 220V Busducts Cabling	E & C	1986
35.	Steel Authority of India Ltd., Bokaro Steel Ltd.	Benzol Recovery & Distillation	6.6 kV & 415V Switchboards 1600 kVA Transformers 415 V Busducts	E & C	1986
36.	Steel Authority of India Ltd., Bokaro Steel Ltd.	Limestone Cruster	415 V Switchboard 1600 kVA Transformer	E & C	1986
37.	Steel Authority of India Ltd., Bokaro Steel Ltd.	Rotary Kiln	415 V Switchboard 1600 kVA Transformer	E & C	1986
38.	Steel Authority of India Ltd., Bokaro Steel Ltd.	Coil Yard in Hot Strip Mill	415 V Switchboard 1600 kVA Transformer	E & C	1986
39.	Steel Authority of India Ltd., Bokaro Steel Ltd.	Slag Dump II	415 V Switchboards 1600 kVA Transformer	E & C	1986
40.	Steel Authority of India Ltd., Bokaro Steel Ltd.	Turbo Blower No. 9	1600 kVA Transformer 415 V Switchboards 415 V Busducts Cabling	E & C	1986
41.	Steel Authority of India Ltd., Bokaro Steel Ltd.	Cold Rolling Mill II	11 kV and 6.6 kV Switchboards 47 x 1600 kVA Transformers 24 x 415 V Switchboards 415 V Busducts	E & C	1988
42.	Rashtriya Ispat Nigam Ltd. Visakhapatnam Steel Plant	Main Receiving Station & Load Block Substation 5	220 kV Switchyard Equipment 63 MVA and 50 MVA Transformers 220 kV SF ₆ Circuit Breakers Isolators, PTs, CTs, LAs Cabling and Earthing	E & C	1987
43.	Rashtriya Ispat Nigam Ltd., Visakhapatnam Steel Plant	Oxygen	11 kV Switchboard	E & C	1987
44.	Rashtriya Ispat Nigam Ltd., Visakhapatnam Steel Plant	Gas Cleaning	11 kV Switchboard	SE & C	1987
45.	National Thermal Power Corporation, Farakka	Thermal Power	6.6 kV Switchboards 6.6 kV Busducts	E & C	1987
46.	National Thermal Power Corporation, Singrauli	Thermal Power	50 MVA and 25 MVA	E & C	1987
47.	National Mineral Development Corporation, Bailadila	Iron Ore Mining	33 kV Switchyard Equipment 5 MVA Transformer 11 kV & 3.3 kV Switchboards Cabling and Earthing	E & C	1987
48.	Khammam Chemical Refinery Ltd., Managuru	Captive Thermal Power	415 V PCCs and MCCs	SE & C	1987
49.	Khammam Chemical Refinery Ltd., Managuru	Captive Thermal Power	40 MVA Transformers 34.5 MVA Transformers	E & C	1987
50.	Andhra Pradesh State Electricity Board	Grid Substations	220 kV SF ₆ Circuit Breakers	SE & C	1987

POWER DISTRIBUTION

	Client	Plant	Equipment	Scope of Work	Year
51.	Physical Research Laboratory Ahmedabad	Aditya Pulse Power System	Thristor Convertors	E	1987
52.	Rashtriya Ispat Nigam Ltd Visakhapatnam Steel Plant	Blast Furnace & Sinter	8 x 1600 kVA Transformers 415 V PCCs, Busducts Cabling and Earthing	E & C	1988
53.	Rashtriya Ispat Nigam Ltd. Visakhapatnam Steel Plant	Coke Ovens & Byproduct plant LBSS-1 Steel Melting Shop Light & medium Merchant Mill LBSS-4	11 kV 6.6 kV Switchboards Control and relay Panels Busducts, Batteries Cabling & Earthing	E & C	1988
54.	Indian Iron & Steel Co., Ltd. Burnpur (WB)	Steel	11 kV & 3.3 kV Switchboards 2 x 3 MVA Transformers Cabling & Earthing	E & C	1989
55.	Bombay Electric Supply and Transport Corporation Bombay	Power Distribution	110 kV & SF6 Gas Insulated switchgear	E & Asst. in C	1989
56.	Haryana State Electricity Board, Panipat	Power Generation	6.6 kV Switchboards	E & C	1989
57.	Petrofils Co-operative Ltd. Valia, Gujarat	Chemical	132 kV Switchyard Equipment 2 x 12.5 MVA Transformers 6.6 kV Switchyards Cabling & Earthing	E & C	1989
58.	Central Power Research Institute, Bangalore	High Power Laboratory	High speed Isolators Contactors Cabling	E & Asst. in C	1990
59.	Goa Electricity Dept. Xeidem, Goa	Power Distribution	110 kV Switchyard Equipment 2 x 40 MVA Transformers 110 kV SF6 Circuit Breakers Cabling & Earthing	E & C	1990
60.	Cement Corporation of India, Yeraguntla, Andhrapradesh	Cement	132 kV Switchyard Equipment 2 x 35 MVA Transformers 132 kV Circuit breakers 6.6 kV Switchboards Cabling & Earthing	E & C	1990
61.	Gujarat State Fertilizer Corporation, Baroda, Gujarat	Chemical	3.5 MVA, MVA Transformers 6.6 kV Switchboards	E & C	1990
62.	Tamilnadu Iectricity Board, Mettur, Tamilnadu	Power Generation	415 PCCs, MCCs & Busducts	E & C	1991
63.	Salem Steel Plant, Salem Tamilnadu	Stainless Steel	110 kV Switchyard Equipment 12.5 MVA Transformer Cabling & Earthing	E & C	1991

POWER DISTRIBUTION

	Client	Plant	Equipment	Scope of Work	Year
64.	Goa Electricity Department Ponda, Goa	Power Distribution	110 kV SF6 Circuit Breakers CTs & PTs Switchyard Accessories	E & C	1991
65.	Hindustan Zinc Ltd., Vizag, Andhrapradesh	Zinc	132 kV Switchyard Equipment 2 x 35 MVA Transformers 132 kV SF6 Circuit Breakers Cabling & Earthing	E & C	1991
66.	Karnataka Power Corporation Ltd. Raichur, Karnataka	1 x 210 MW Thermal Power (Unit III)	220 kV Switchyard Equipment 250 MVA Generator Transformer 200 kV Circuit Breakers 16 MVA, 2 MVA, Power Transformers 415 V MCCs & Control Panels Cable Trays Cable Laying and Earthing	E & C	1991
67.	National Thermal Power Corporation, Dadri, New Delhi	4 x 210 MW Thermal power	11 kV 6.6 kV Switchyards	E & C	1991
68.	Nuclear Power Corporation Kakrapara, Gujarat	2 x 210 MW Nuclear Power	415 V PCCs and Busducts	E & C	1991
69.	Tenughat Vidyut Nigam Ltd Tenught	2 x 210 MW Thermal Power	6.6 kV Switchboards 415 V Switchboards	E & C	1993
70.	Essar Power Ltd. Hazira, Surat Dt.	3 x 100 MW Gas Turbine Power	160 MVA Transformers 200 kVA Transformers 6.6 kV Switchboard 415 V Switchboard Control & Relay Panel Cable Trays Cabling and lighting	E & C	1993
71.	Bangalore Development Authority, Bangalore	Urban Electrification	11 kV Overhead the equipment 250 kVA Transformers HT/LT Cabling, RMUs Lighting and Earthing	S,E & C	1994
72.	Karnataka Housing Board Bangalore	National Games project	21 x 500 kVA Transformers HT/LT Switchboards Lighting HT/LT Cabling Earthing	E & C	1996
73.	Karnataka State Cricket Association, Bangalore	Flood Lighting	4 x 437 kVA DG sets LT Switchgears Control Panels 480 x 2 kW Ultra Sport Lighting Cabling and Earthing	S,E & C	1996
74.	Punjab State Electricity Board Patiala	Thermal Power Plant	415 V Switchboards 415 V Busducts Control panels		

POWER DISTRIBUTION

	Client	Plant	Equipment	Scope of Work	Year
75.	National Thermal Power Corporation, Vindychal MP.	2 x 500 MW Super Thermal Power Project	415 V Switchboards	E & C	1997
76.	IVth National Games Authority Bangalore	Diesel Captive Power Plant	6070 kVA DG Sets (14) 415 V Switchboards Control Panels Cabling & Earthing	Supply E & C	1996
77.	Strides Arcolabs Ltd. Jigani Karnataka	Pharmaceutical	2 x 910kVA DG Sets 415 V Switchboards Cable Trays Lighting Cabling and Earthing	Supply E & C	1997
78.	Numaligarh Refinery Ltd. Guwahati, Assam.	Township Electrification	2 x 1000 kVA Transformers 11 kV & 415 V Switchboards Cable Trays Cabling and Earthing	Design, Supply E & C	1997
79.	Karnataka Power Corporation Ltd. Raichur Karnataka	2 x 210 MW Thermal Power Project (Units V & VI)	415 V Switchboards	Supply E & C	1997
80.	Energy Overseas international Ltd. Toranagallu, Bellary Karnataka	2 x 130 MW Thermal Power Plant	Cable Trays Cabling and Earthing	E	1998
81.	Malvika Steels Ltd. Jagadishpur, Uttar Pradesh	Integrated Steel Plant	9 x 1600 kVA Transformers 6.6kV Switchboards 415 V Switchboards Control & Relay Panel Cable Trays Lighting Cabling and Earthing	Design, Supply, E & C	1998

SHIPBUILDING AND ELECTRIC TRACTION

RAILWAYS : Traction Substation, Metro and Rolling Stock
 SHIPS : Passenger Luxury Liners, Cargo Vessels, Dredgers, Coasters
 & Frigates

	Client	Plant/Vessel	Equipment	Scope of Work	Year
1.	Western Railway Bombay Suburbs (6 Stations)	Traction Substaion Rectifier Transformers	32kV/22kV Switchgrea 2 kW/3kW Si Rectifiers DC High Speed Circuit Breakers Cabling	E & C	1967 & 73 1976
2.	South India Shipping Corpn. Ltd., Madras	Cargo Vessels	Motor-Generator Sets Crane Controls	I	1967/70
3.	Western Railway, Bombay	EMU Coaches	Conversion from 3000 V to 1500 V	M0 & C	1968/69
4.	"50 Cycles Goup" (AEG-TELEFUNKEN AND OTHERS) Jamshedpur	Electric Locomotive	Traction Transformers Rectifier Sets High Speed Circuit Breakers Control Panels	SE C & M	1970
5.	Central Railway, Bombay & Suburb	Traction Substation (20 Stations)	110 kV Switchyard Rectifier Transformers 2 kW / 3 kW Si Rectifier DC High Speed Circuit Breaker Cabling	E & C	1972/82
6.	Mazagon Dock Ltd., Bombay	Luxury Liner (M.V. HARSHA VARDHANA)	Motor-Generator Sets AC Drive Motors Power Panels Electronic Control Panels Communication Lighting Cabling	E & C	1974
7.	Mazagoan Dock Ltd. Bombay	Dredgers ("KICHODHARA" "KUTCH VALLABH" "MOT DREDGER")	Motor-Generator Sets AC Drive Motors Power Panels Electronic Control Panels Communication Lighting Cabling	E & C	1975/76
8.	Mazagon Dock Ltd., Bombay	Passenger Liner (M.V. "NOORJEHAN")	Power Panels Electronic Control Panels Communication Lighting Cabling	E & C	1976
9.	Garden Reach Shipbuilders & Engineering Ltd., Calcutta	Dredger	Motor-Generator Sets Control Panels	I	1977
10.	Mazagon Dock Ltd., Bombay	Coasters	Motor-Generator Sets AC Drive Motor Power Panels Electronic Control Panels Communication Lighting Cabling	E & C	1977

SHIPBUILDING AND ELECTRIC TRACTION

Client	Plant/Vessel	Equipment	Scope of Work	Year
11. Shipping Corpn. of India Ltd., Cochin	Passenger-cum-Cargo Vessel (M.V. "AMINDIVI")	Power Panel	I	1977
12. Mazagon Dock Ltd., Bombay	Cargo Vessels (6 Nos. "GOMBA" Vessels) Water Tankers (I.I.S. "KANGAN") (I.I.S. "TAHERI")	Motor-Generatr Sets AC Drive Motors PCCs, MCCs, DBs Electronic Control Panels Communication Lighting Cabling	E & C	1979
13. Dredging Corpn. of India Ltd. Visakhapatnam	Dredger	Motor-Generator Sets Control Panels	I	1980
14. Associated Cement Cos. Ltd., Shahabad	Traction Substation for Cement Plant	300 kW Rectifier Set DC Switchgear	E & C	1981
15. Calcutta Metro Railway, Calcutta	EMU Coaches	Traction Motors Current Collectors High Speed Circuit Breakers Controllers Protection System	SE & C	1983
16. Mazagon Dock Ltd., Bombay	Frigate (I.N.S. "TRISHUL")	Motor-Generator Sets AC Drive Motors PCCs, MCCs, DBs Electronic Control Panels Radar Communication Lighting Cabling	E & C	1983
17. Mazagon Dock Ltd., Bombay	I.N.S. "GANGA" I.N.S. "GODHAVARI"	415 V Swichboards	SE & C	1985
18. Mazagon Dock Ltd., Bombay	WIS Platform	11 kV Switchboard	SE & C	1987
19. Mazagon Dock Ltd., Mangalore	Water Injection Platform	Cabling & Piping for Instrumentation	E & C	1986
20. Mazagon Dock Ltd., Bombay	Multipurpose Support Vessel "SAMUDRASEVAK"	6.6 kV, 2400 kVA & 1800 kVA DG Sets 6.6 kV Switchboard 1500 kVA Transformers 6.6 kV & 415 V Motors PCCs, MCCs and DBs Galley Equipment Electronic Control Panels Communication System Lighting Cabling	E & C	1988

SHIPBUILDING AND ELECTRIC TRACTION

Client	Plant/Vessel	Equipment	Scope of Work	Year
21. Mazagon Dock Ltd., Mangalore	Jack Up Rigs (I & II)	1200 kVA DG Sets 750 V Dc 1800 A Convertor Cubicles Microprocessor Control Panels 1000 kVA Transformers 415 V Motors Galley Equipment Electronic Control Panels Communication System Lighting Cabling	E & C	1988
22. Central Railways Bombay	Traction Substaion (18 Sets)	22 kV Switchgear 3 kW Rectifiers Rectifier Transformers DC High Speed Circuit Breakers Cabling and Earthing	E & C	1991
23. Mazagon Dock Ltd. Bombay	I.N.S. "TARAGIRI"	AC Motors PCC, MCCs Power DBs Electronic Control Panels Radar and Communication system Cabling	E & C	1996
24. Mazagon Dock Ltd. Bombay	Frigate (YARD 725)	MG Sets, AC Motors, PCCS, MCCs and DBs Galley equipment Electronic Control Panels Communication System Fire fighting system Lighting & Cabling	E & C	1996
25. Mazagon Dock Ltd. Mumbai	Dredger (Yard 23001)	AC Drive Motors Power Panels Electronic Control panels Communication Lighting & Cabling	I & C	1996
26. Director General Naval Projects (DGNP) Mumbai	NAVAL DRYDOCKS	11 kV Transformers HT/LT Switchgears Power Distribution Panels HT/LT Cable laying and Termination Lighting & Earthing	Supply, I, T & C	1998
27. Mazagon Dock Ltd., Mumbai	I.N.S. SHISHUMAR	PCCs, MCCs and DBs, electronic Control Panels, Radar and Communication Systems, Cabling	MO & C	1998

MATERIAL HANDLING & UTILITIES

CONVEYOR SYSTEMS : Ore, Coal, Ash & Raw Materials

WATER SUPPLY : Pumping Stations

	Client	Plant/Vessel	Equipment	Scope of Work	Year
1.	Vivesvaraya Iron & Steel Ltd., Bhadravati	Raw Material Handling	AC Drive Motors PCCs, MCCs Control Panels Cabling	E & C	1970
2.	Haryana State Electricity Board, Faridabad	Coal Handling	AC Drive Motors PCCs, MCCs Control Panels Cabling	E & C	1974
3.	Haryana State Electricity Board, Faridabad	Ash Handling	AC Drive Motors PCCs, MCCs Control Panels Cabling	E & C	1975
4.	Coal India Ltd. Eastern & Central India	Coal Mining	3.3 kV Starters Haulage Controls	Mo SE & C	1976
5.	Uttar Pradesh State Electricity Board, Panki	Stacker Reclaimer	HT Motors PCCs, MCCs Control Panels Cabling	E & C	1978
6.	Mandovi Pellets Ltd., Shiroda	Barge Unloader & Stacker	AC Drive Motors PCCs, MCCs Control Panels Cabling	E & C	1979
7.	Hindustan Fertilizer Corporation Ltd., Haldia	Raw Material Handling	AC Drive Motors PCCs, MCCs Control Panels Cabling	E & C	1981
8.	Steel Authority of India Ltd., Bokaro Steel Plant, Bokaro	Raw Material Handling	AC Drive Motors PCCs, MCCs Control Panels Cabling	E & C	1981
9.	Bangalore Water Supply & Sewerage Board, Thorekadanahalli, Harohalli, Tataguni	Pumping Stations	66 kV Switchyard Equipment 6 x 8 MVA Transformers 6.6 kV Motors 6.6 kV Switchboards Control Panels Cabling	E C & M	1982
10.	Bangalore Water Supply & Sewerage Board	Raw Water Augmentation	400 kVA Transformers 6.6 kV Switchboards 415 V Capacitor Banks Cabling and Earthing	E & C	1986
11.	Rashtriya Ispat Nigam Ltd., Visakhapatnam Steel Plant	Coal Handling System	415 V PCCs and MCCs Field Control Devices Cabling and Earthing	E & C	1988
12.	Rashtriya Ispat Nigam Ltd., Visakhapatnam Steel Plant	Ore & Fluk Handling System	6.6 kV and 415 V MCCs Field Control Devices Cabling and Earthing	E & C	1988

MATERIAL HANDLING AND UTILITIES

	Client	Plant	Equipment	Scope of Work	Year
13.	Rashtriya Ispat Nigam Ltd. Visakhapatnam Steel Plant	Wheel on Boom Reclaimers	250 kVA Transformers MCCs and Control Panels Thyristor Convertors Field Control Devices Cabling and Earthing	E & C	1988
14.	Rashtriya Ispat Nigam Ltd. Visakhapatnam Steel Plant	Chilled Water Pump House	1600 kVA Transformers 6.6 kV Switchboards 6.6 kV and 415 V Motors, MCCs Cabling and Earthing	E & C	1988
15.	Bombay Municipal Corporation, Bombay	Sewage	3.3 kV Switchboard 2 x 2 MVA Transformers 415 V PCCs & MCCs Cabling and Earthing	E & C	1990
16.	Bangalore Water Supply & Sewerage Board, Karnataka	Pumping Station Cauvery (II Stage)	66 kV Switchyard Equipment 3 x 8 MVA Transformers 6.6 kV Motors 6.6 kV Switchboards Control Panels and Cabling	EC&M	1990
17.	Bangalore Development Authority, Bangalore	Urban Electrification	11 kV, Master Unit Substation 250 kVA Transformers Street Lighting Cabling and Earthing	E & C	1993
18.	Bangalore Water Supply & Sewerage Board, Karnataka	Pumping Station Cauvery (III Stage)	66 kV Switchyard Equipment 6 x 5 MVA Transformers 6.6 kV Motors 6.6 kV Switchboards Control Panels Cabling and Earthing	E & C	1993
19.	Ispat Industries Ltd. Dolvi, Maharashtra	Marine Materials Handling System	2 x 2000 KVA Transformer 415 V Switchboards Cable Trays Lighting Cabling and Earthing	E & C	1996

OVERSEAS

	Client	Plant/Vessel	Equipment	Scope of Work	Year
1.	AEG-TELEFUNKEN (A-24), Frankfurt, West Germany	Electrical Installation	Different types Of Electricals	Assist- ance in Commis- sioning	1969
2.	Sherkate Sahami AEG Iran, Arak, Iran	Grid Substation	132 kV Switchyard Equipment Transformers	E & C	1970
3.	AEG-TELEFUNKEN (A-49), Frankfurt West Germany	Sheration Hotel Abu Dhabi (UAE)	Airconditioning Lighting	E & C	1978
4.	AEG-TELEFUNKEN, Frankfurt West Germany	Petrochemical Complex No. 1 Ministry of Industry & Mines Government of Iraq Basrah, Iraq	Switchboards Transformers Control Systems AC/DC Drive Motors Rectifiers Instrumentation Cabling	E & C	1980
5.	P.T. Semen Pedang Indonesia	Cement	150 kV Switchyard Equipment 18 MVA Transformers 6.6 kV, 415 V Switchboards 6.6 kV & 415 V Motors 6.6 kV Capacitor Banks and 6.6 kV Busducts	SE & C	1986