



Services - Project References

Year of Order	Sector	Customer	Plant Location	Plant / Product	Capacity (tpd)	Licensor	Services Rendered
2020	Storages	Coromandel International	Kakinada	Decommissioning, Inspection & Recommissioning of Ammonia Storage Tank	1 x 10,000	tkIS India	LSTK
2019	Petrochemicals	Egyptian Propylene & Polypropylene Company (tkIS)	Egypt	Process Condensate Filtration Unit for Propylene/ Polypropylene Complex	-	tkIS	E (Detailed)
2019	Refinery	Praxair India	Orissa (IOCL Paradeep Refinery)	Process Condensate Convection Coil for Hydrogen plant	-	tkIS	E (Detail Engg), S
2019	Caustic Soda	The Andhra Sugars	Saggonda	Caustic Soda (replacement of Cell elements)	-	tkIS	E, P, LS, CS, COS
2019	Caustic Soda	Grasim Industries	Ganjam	Caustic Soda (supply of Cell elements)	-	tkIS	E, LS
2019	Caustic Soda	Grasim Industries	Veraval	Caustic Soda (supply of Cell elements)	-	tkIS	E, LS
2019	Inorganic Chemicals	Gujarat Alkalies and Chemicals	Dahej	Sodium Chlorate (replacement of cell elements)	20000	tkIS	E, LS
2019	Storages	Coromandel International	Kakinada	Ammonia Terminal Safety System Improvement	-	tkIS India	E (Detailed)
2019	Refinery	HPCL-Mittal Energy (HMEL)	Bathinda	Fluid Catalytic Cracking Unit (FCC) Revamp	2.2 to 2.05 MMTPA	Technip FMC	E (Detail Engg)

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2019	Storages	Coromandel International	Vizag	Study for Ammonia Unloading System for Ammonia Storage Tank	-	-	DFR
2018	Caustic Soda	Punjab Alkalies & Chemicals	Nangal	Caustic Soda (Upgradation & Expansion)	300 (after tkIS expn.)		EPCM, PS
2018	Caustic Soda	Grasim Industries	Vilayat	Caustic Soda (Expansion)	1200 tkIS (after expn.)		EPCM, PS
2018	Caustic Soda	Gujarat Alkalies and Chemicals	Dahej	Caustic Soda (replacement of cell elements)	-	tkIS	EPCM, PS
2018	Inorganic Chemicals	Gujarat Alkalies and Chemicals	Dahej	Sodium Chlorate (replacement of cell elements)	-	tkIS	E (Detail Engg), PS
2018	Inorganic Chemicals	West Coast Paper Mills	Dandeli	Chlorine Dioxide (Debottlenecking)	-	tkIS India	EPCM
2018	Storages	Saudi Basic Industries	Al-Jubail, KSA	Decommissioning & Recommissioning of Cryogenic Ammonia Storage Tanks	2 x 20,000 1 x 5,000 MT	tkIS India	E (Detail Engg)
2018	Fertilisers	Tata Chemicals	Haldia	Report on Stack Improvement for Phosphatic Fertiliser plant	2 x 900	Incro	DFR
2018	Storages	Coromandel International	Ennore	Inspection Report on Decommissioning of Ammonia Storage	1 x 12,500 MT	tkIS India	DFR
2018	Inorganic Chemicals	JK Paper Mills	Kaghaznagar	Technical Study Report Chlorine Dioxide plant		7.5 tkIS India	DFR
2018	Fertilisers	Coromandel International	Vizag	Surge Analysis Report for Ammonia Pipeline	-	-	DFR

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2018	Fertilisers	Coromandel International	Kakinada	Stress & Surge Analysis for Phosphoric Acid line from Port to Plant	-	-	DFR
2018	Caustic Soda	Grasim Industries	Karwar	Technical Study for expansion of Caustic Soda plant	Expansion from 250 to 300	tkIS India	DFR
2018	Caustic Soda	Grasim Industries	Rehela	Caustic Soda (replacement of cell elements)	-	tkIS	EPCM, PS
2018	Caustic Soda	Grasim Industries	Renukoot	Caustic Soda (replacement of cell elements)	-	tkIS	EPCM, PS
2018	Caustic Soda	Nirma	Bhavnagar	Caustic Soda (Expansion)	540 (after expn.)	tkIS	EPCM, PS
2018	Caustic Soda	Tata Chemicals	Mithapur	Caustic Soda Chlorine (replacement of cell elements)	60 53	tkIS	EPCM incl E (Basic Engg)
2017	Fertilisers	Gujarat Narmada Valley Fertilizers Co.	Bharuch	Process Gas Cooler	-	tkIS	EPCM
2017	Caustic Soda	Grasim Industries	Karwar	Caustic Soda (replacement of cell elements)	-	tkIS	E (Detail Engg), PS
2017	Inorganic Chemicals	Gujarat Alkalies and Chemicals	Dahej	Sodium Chlorate (replacement of cell elements)	20000 TPA	tkIS	E (Detail Engg), PS
2016	Caustic Soda	Gujarat Alkalies and Chemicals	Vadodara	Caustic Soda (replacement of cell elements)	-	Uhde	E (Detail Engg), P, PS
2016	Caustic Soda	Grasim Industries	Rehala	Caustic Soda (replacement of cell elements)	-	Uhde	E (Detail Engg), P, PS

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2016	Caustic Soda	Grasim Industries	Renukoot	Caustic Soda (replacement of cell elements)	-	Uhde	E (Detail Engg), P, PS
2016	Caustic Soda	Gujarat Alkalies and Chemicals	Dahej	Caustic Soda (replacement of cell elements)	-	Uhde	E (Detail Engg), P, PS
2016	Petrochemicals	Kanoria Chemicals & Industries	Ankleshwar	Formaldehyde (technology upgradation project)	281	Johnson Matthey Formox AB	EPCM
2016	Storages	Chambal Fertilisers and Chemicals	Gadepan	Decommissioning, Inspection & Recommissioning of Ammonia Storage Tank	1 x 10,000 MT	tkIS India	EPC-LSTK
2016	Storages	Sanjana Cryogenic Storages	Haldia	Rerouting of Ammonia Pipeline for 1 x 10,000 MT Cryogenic Ammonia Storage Tank	-	-	EPC-LSTK
2015	Caustic Soda	Gujarat Alkalies and Chemicals	Dahej	Caustic Soda (replacement of cell elements)	785 (after replacement)	Uhde	EPCM, PS
2015	Caustic Soda	Gujarat Alkalies and Chemicals	Vadodara	Caustic Soda (replacement of cell elements)	500 (after replacement)	Uhde	E (Detail Engg), CS, COS
2015	Caustic Soda	Grasim Industries	Vilayat	Caustic Soda (replacement of cell elements)	500	tk Uhde Chlorine Engineers	E (Detail Engg), PS
2015	Refinery Units	IBN-Zahr (Saudi European Petrochemical Co)	Saudi Arabia	Air Pre-heater (replacement)	-	-	E (Basic Engg), FEED
2014	Caustic Soda	Aditya Birla Chemicals (India)	Rehala	Caustic Soda (replacement of cell elements)	300	tk Uhde Chlorine Engineers	E (Detail Engg), PS

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2014	Storages	Coromandel International	Kakinada	Decommissioning, Inspection & Recommissioning of Ammonia Storage Tank	1 x 5,000 MT	Uhde India	EPC-LSTK
2013	Caustic Soda	Aditya Birla Chemicals	Karwar	Caustic Soda (conversion to Membrane Cell)	150	Uhde	E (Detail Engg), PS
2013	Caustic Soda	Grasim Industries	Nagda	Caustic Soda (replacement of Cell elements)	280 (after replacement)	Uhde	E (Detail Engg), PS
2013	Caustic Soda	Aditya Birla Nuvo	Veraval	Caustic Soda (replacement of Cell elements)	250 (after replacement)	Uhde	EPCM, PS
2013	Fertilisers	Zuari Agro Chemicals	Goa	Modification of CO ₂ Unit in Ammonia plant	-	-	E (Detail Engg-PI, MQ)
2013	Fertilisers	Coromandel International	Kakinada	Ammonia Unloading Arm	-	Uhde India	EPCM
2013	Fertilisers	Coromandel International	Vizag	Ammonia Unloading Arm	-	Uhde India	E (Detail Engg), CS
2013	Petrochemicals	Farabi Petrochemical Co.	Saudi Arabia	NPN Splitter project in Linear Alkyl Benzene plant	-	-	E (Basic Engg), Cost Estimate
2013	Refinery Units	Sasol Synfuels (Pty) [TK IS]	South Africa	Secunda Clean Fuels 2 Project	-	Various	E (Basic Engg)
2013	Storages	Tata Chemicals	Haldia	Inspection of Cryogenic Ammonia Storage Tank	1 x 10,000 MT	Uhde India	E (Detail Engg)
2012	Caustic Soda	Grasim Industries	Nagda	Caustic Soda (replacement of Cell elements)	280 (after replacement)	Uhde	PS
2012	Storages	Coromandel International	Vizag	Decommissioning, Recommissioning of Cryogenic Ammonia Ship Unloading Line	-	Uhde India	E (Detail Engg)
2012	Storages	National Fertilizers	Vijaipur	Inspection of Cryogenic Ammonia Storage Tank	10,000 MT	Uhde India	E (Detail Engg)

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2011	Fertilisers	Karnaphuli Fertilizer Company Limited - (KAFCO)	Bangladesh	Urea Granulation (Revamp)	2,100 (after revamp)	Uhde Fertiliser Technology	E (Detail Engg), CS, COS
2011	Fertilisers	Zuari Holdings	Goa	NPK Fertilizer plant (Revamp)	-	Incro	E (Detail Engg)
2011	Inorganic Chemicals	Gujarat Alkalies and Chemicals	Dahej	Chlorine Liquefaction System	400	Uhde India	EPCM incl E (Basic Engg)
2011	Petrochemicals	Supreme Petrochem	Nagothane	Polystyrene (Revamp)	300,000 TPA (after revamp)	ABB Lummus	E (Detail Engg)
2010	Caustic Soda	Grasim Industries	Nagda	Caustic Soda (replacement of Cell elements)	280 (after replacement)	Uhde	E (Basic Engg & Detail Engg) PS, COS
2010	Refinery Units	SABIC	Saudi Arabia	Benzene Mitigation Project	-	By Client	FEED
2009	Caustic Soda	Grasim Industries	Nagda	Caustic Soda (replacement of Cell elements)	280 (after replacement)	Uhde	E (Basic Engg & Detail Engg) PS, COS
2009	Fertilisers	Hindustan Organic Chemicals	Rasayani	Concentrated Nitric Acid refurbishment project	-	Uhde India	EPCM
2009	Fertilisers	Deepak Fertilisers and Petrochemicals	Taloja & JNPT	Ammonia Unloading System Upgradation)	-	Uhde India	E (Basic Engg & Detail Engg)
2009	Fertilisers	Gujarat Narmada Valley Fertilizers Co.	Bharuch	Ammonia Unloading System (Revamp)	-	Uhde India	E (Basic Engg & Detail Engg)

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2009	Storages	Albayroni (A-Jubail Fertiliser Co.) SABIC Group	Saudi Arabia	Inspection of Cryogenic Ammonia Storage Tank	1 x 20,000 MT	Uhde India	E (Detail Engg)
2009	Storages	Paradeep Phosphates	Paradeep	Inspection Repair, Commissioning of Ammonia tank	1 x 10,000 MT	Uhde India	EPC-LSTK
2009	Storages	Coromandel International	Chennai	Decommissioning, Inspection, Recommissioning of Ammonia Tank	1 x 12,500 MT	Uhde India	EPC-LSTK
2008	Caustic Soda	Gujarat Alkalies and Chemicals	Dahej	Caustic Soda (Debottlenecking)	785 (after debottlenecking)	Uhde	E (Detail Engg), PS, CS, COS
2008	Caustic Soda	Grasim Industries	Nagda	Caustic Soda (replacement of cell elements)	-	Uhde	E (Detail Engg), PS
2008	Fertilisers	Asean Bintulu Fertilizer (Petronas Group)	Malaysia	Ammonia - Urea Rejuvenation project	-	By Client	E (Detail Engg)
2008	Fertilisers	Deepak Fertilisers and Petrochemicals	Taloja	Weak Nitric Acid Plant III Concentration Improvement project	-	Uhde	E (Detail Engg)
2008	Industrial Plants	TRANSNET (TK Engg. South Africa)	South Africa	New Multi-product pipeline project	-	-	E (Detail Engg)
2008	Petrochemicals	Reliance Industries	Hazira	EO Reactor Modification (Revamp of MEG plant 3)	-	Shell	E (Detail Engg)
2007	Caustic Soda	Andhra Sugars	Andhra Pradesh	Caustic Soda-Chlorine (Expansion)	Expn. by 50 tpd (upto 400 tpd)	Uhde	E (Detail Engg), PS

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2007	Fertilisers	Saudi Arabian Basic Industries (SABIC)	Saudi Arabia	Urea Granulator Ammonia Abatement project	-	-	E (Basic Engg), Cost Estimate
2007	Petrochemicals	Reliance Industries	Hazira	Revamp of Carbonate Section / Ethylene Glycol Section (Debottlenecking in MEG plants 2 & 3)	-	Shell	E (Detail Engg)
2007	Petrochemicals	Gujarat Alkalies and Chemicals	Baroda	Chloromethanes (Debottlenecking)	14,985 tpd x 2 trains	-	EPCM
2006	Caustic Soda	Aditya Birla Nuvo (Indian Rayon and Industries)	Veraval	Caustic Soda (Expansion)	200 (after expn.)	Uhde	E (Detail Engg), PS, CS, COS
2006	Inorganic Chemicals	Kanoria Chemicals & Industries	Renukoot	Chlorine Automation System	-	Uhde	E (Detail Engg)
2006	Storages	Paradeep Phosphates	Paradeep	Inspection, Erection, Commissioning of	1 x 10,000 MT	Uhde India	EPC-LSTK
2006	Storages	Mangalore Chemicals & Fertilizers	Mangalore	Inspection, Erection, Commissioning of	1 x 10,000 MT	Uhde India	EPCM
2005	Caustic Soda	Standard Alkalies	Mumbai	Caustic Soda (Expansion)	Expn. by 30 tpd	Uhde	E (Detail Engg), PS, CS, COS
2005	Industrial Plants	Chemical Engineering Partners, USA	Canada	Lube Oil Re-refining	24,000 TPA	Chemical Engineering Partners	E (Detail Engg)
2005	Industrial Plants	Chemical Engineering Partners, USA	Puerto Rico & Malaysia	Lube Oil Re-Refining	-	Chemical Engineering Partners	E (Detail Engg)

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2005	Petrochemicals	Vinyl Chemicals (India)	Mahad	Vinyl Acetate Monomer [Debottlenecking (Phase III)]	30,000 TPA (after debottlenecking)		E (Detail Engg)
2005	Petrochemicals	Nirma	Baroda	Linear Alkyl Benzene (Revamp & Debottlenecking)	-	UOP	E (Detail Engg)
2005	Refinery Units	Essar Oil / ICICI Bank	Vadinar	Refinery - Lenders Engineering	-	ABB Lummus	E (Detail Engg)
2004	Caustic Soda	Aditya Birla Nuvo (Indian Rayon and Industries)	Veraval	Caustic Soda (Expansion)	175 (after expn.)	Uhde	E (Detail Engg),PS
2004	Caustic Soda	Sree Rayalaseema Alkalies & Allied Chemicals	Kurnool	Caustic Soda (Expansion)	75	Uhde	E (Detail Engg),PS
2004	Fertilisers	Mangalore Chemicals & Fertilizers	Mangalore	Urea (Revamp)	-	Stamicarbon	E (Detail Engg)
2004	Refinery Units	Mangalore Refinery and Petrochemicals	Mangalore	Offsites & Utilities for Main Refinery Expansion Project	-	-	EPCM
2004	Storages	Paradeep Phosphates	Paradeep	Inspection, Repairs, Recommissioning of Ammonia tank III	1 x 10,000 MT	Uhde India	EPC-LSTK

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2004	Storages	Indo Gulf Corpn.	Jagdishpur	Decommissioning, Recommissioning of Ammonia Storage tank	1 x 10,000 MT	Uhde India	EPC-LSTK
2003	Caustic Soda	Chemplast Sanmar	Pondicherry	Caustic Soda (Expansion)	112.5 (after expn)	Uhde	EPCM, PS
2003	Fertilisers	Rashtriya Chemicals & Fertilizers	Trombay	Weak Nitric Acid (Technology Upgradation)	-	Uhde	EPC-LSTK
2003	Petrochemicals	Reliance Industries	Hazira	Ethylene Oxide / Ethylene Glycol (Revamp - part of MEG Capacity Expansion)	-	Shell	E (Detail Engg)
2003	Refinery Units	Kuwait National Petroleum Corpn. MAA Refinery (ISCO, Kuwait)	Kuwait	Implementation of Hazop Studies of Refinery Units	-	-	E (Detail Engg)
2003	Refinery Units	Kuwait National Petroleum Corpn. (ISCO, Kuwait)	Kuwait	Enhancement of Local Marketing Distribution facilities	-	-	E (Detail Engg)
2003	Storages	Paradeep Phosphates	Paradeep	Inspection, Repair, Recommissioning of Ammonia tank II	1 x 10,000 MT	Uhde India	EPCM
2002	Industrial Plants	EBG India	Nashik	TADL (Revamp)	-	EBG India	E (Detail Engg), P, CS
2002	Petrochemicals	Jal International	Saudi Arabia	Vapour Separation for Polyethylene plant	-	MTR Inc.	E (Detail Engg)
2001	Caustic Soda	Andhra Sugars	Andhra Pradesh	Caustic Soda-Chlorine (Expansion)	350 (after expn)	Uhde	E (Detail Engg), PS, CS, COS
2001	Fertilisers	Asean Bintulu Fertilizer	Malaysia	Ammonia	1,350	Uhde	E (Detail Engg), CS

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		(Petronas Group)		Urea (Revamp)	2,250	Stamicarbon/Hydro Fertilizer Tech. (Granulation)	
2001	Fertilisers	Godavari Fertilisers and Chemicals	Kakinada	Tail Gas Scrubber for DAP plant	300 Nm ³ /hr	Incro	EPC-LSTK
2001	Petrochemicals	Nirma	Ahmedabad	Linear Alkyl Benzene (Revamp)	-	UOP	E (Detail Engg)
2000	Fertilisers	Mangalore Chemicals & Fertilizers	Mangalore	Urea (Revamp)	1,290 (after revamp)	Stamicarbon	EPCM
2000	Inorganic Chemicals	Reliance Industries	Hazira	Chlorine Handling system	-	Uhde India	EPCM
2000	Petrochemicals	VAM Organics	Gajraula	Vinyl Acetate Monomer (Expansion)		Bayer	E (Detail Engg)
2000	Petrochemicals	Vinyl Chemicals (India)	Mahad	Vinyl Acetate Monomer [Debottlenecking (Phase II)]	20,000 TPA (after debottlenecking)	Bayer	E (Detail Engg)
2000	Storages	Oswal Chemicals & Fertilizers	Paradeep	Decommissioning & Recommissioning of Ammonia tank	1 x 20,000 MT	Uhde India	CS
2000	Storages	Tata Chemicals	Babrula	Inspection, Decommissioning & Recommissioning of Ammonia tanks	2 x 5,000 MT	Uhde India	EPCM
1999	Fertilisers	Godavari Fertilisers and Chemicals	Kakinada	Ammonia Pre-Heating Package System	-	Uhde India	EPC-LSTK
1999	Fertilisers	Gujarat Narmada Valley Fertilizers Co.	Bharuch	Wet Scrubber for ANP/CAN plant	-	BASF / Uhde	EPC-LSTK

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1999	Storages	Nagarjuna Fertilizers & Chemicals	Kakinada	Decommissioning of Ammonia tank	-	Uhde India	E (Detail Engg), CS
1998	Industrial Plants	Bombay Oxygen	Mumbai	Air Separation unit	130	Messer	E (Detail Engg) P, PS, CS
1997	Inorganic Chemicals	Chemplast Sanmar	Chennai	Chlorine Liquefaction (2nd stage)	15	Uhde	E (Detail Engg)
1996	Caustic Soda	Gujarat Alkalies and Chemicals	Vadodara	Anode / Cathode Recoating & new Catholyte System	-	Uhde	EPCM, PS
1995	Storages	Mangalore Chemicals & Fertilizers	Mangalore	Decommissioning, Inspection, Repairs, Re-Insulation & Recommissioning of Ammonia tank	-	Uhde India	EPC-LSTK
1995	Inorganic Chemicals	Bertrams AG. Subcontract	Egypt	Piping Engineering for Caustic Evaporation unit	-	Bertrams	E (Detail Engg)
1995	Petrochemicals	Chemplast Sanmar	Chennai	Incinerator for Chlorinated Wastes	-	Caloric	EPCM
1991	Petrochemicals	Tamilnadu Petroproducts	Chennai	LAB Front-end (Modification)	-	UOP	E (Detail Engg)
1990	Fertilisers	Gujarat Narmada Valley Fertilizers Co.	Bharuch	Ammonium Nitrate Melt Loading	18.5 m ³ /h	Uhde India	E (Detail Engg)
1990	Inorganic Chemicals	Gujarat Alkalies and Chemicals	Baroda	Hydrogen Compression and Transfer Line	-	Uhde India	EPCM
1990	Storages	A. B. Cursetji & Sons	Mumbai	Inter-Barge Ammonia transfer	-	Uhde India	E (Detail Engg)
1990	Storages	Gujarat Narmada Valley Fertilizers Co.	Bharuch	Liquid Ammonia Unloading facility	8 m ³ /hr	Uhde India	E (Detail Engg)
1989	Inorganic Chemicals	Reliance Petrochemicals	Hazira	Liquid Chlorine Unloading system	5	Uhde India	E (Detail Engg), COS

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1989	Petrochemicals	Tamilnadu Petroproducts	Chennai	LAB Back-end (Modification)	-	UOP	E (Detail Engg)
1987	Petrochemicals	McDowell & Co. - Polymers Division (Now LG Chemicals)	Vizag	Polystyrene (Modernisation)	7400	Fordell	EPCM
1986	Petrochemicals	National Organic Chemical Industries	Thane	Ethylene Oxide / Ethylene Glycol [Modernisation (Phase II)]	-	Shell	E (Detail Engg)
1985	Inorganic Chemicals	Gujarat Alkalies and Chemicals	Baroda	Sod. Hypochlorite, Waste Air Washing and Zero Effluent system		3 Uhde	EPCM
1985	Petrochemicals	Polyolefins Industries	Thane	Prevulcanising Inhibitor	300	Monsanto	EPCM
1985	Storages	Fertilizers & Chemicals Travancore (FACT)	Ambalamedu	Ammonia tank	1 x 10,000 MT	Uhde	EPC-LSTK
1985	Storages	Fertilizers & Chemicals Travancore (FACT)	Ambalamedu	Inspection, Repair and Insulation	1 x 5,000 MT	Uhde	EPC-LSTK
1985	Storages	Rashtriya Chemicals & Fertilizers	Trombay	Ammonia tank Inspection, Repair and Insulation	1 x 15,000 MT	Uhde	EPC-LSTK
1984	Petrochemicals	McDowell & Co. -Polymers Division (Now LG Chemicals)	Vizag	Ethylene (Modernisation)	3,000	Petrobras	EPCM
1984	Storages	Mangalore Chemicals & Fertilizers	Mangalore	Ammonia Loading	30 tpd	Uhde	EPC-LSTK

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1982	Petrochemicals	McDowell & Co.	Vizag	Ethyl Benzene	15,000 TPA	UOP	EPCM
		-Polymers Division (Now LG Chemicals)		Styrene (Modernisation)	15,000 TPA	CdF Chemie	
1981	Petrochemicals	National Organic Chemical Industries	Mumbai	Ethylene Oxide (Expansion and Modernisation)	3,900 (after expn.)	Shell	E (Detail Engg), P, CS
1980	Fertilisers	Steel Authority of India, Rourkela Fertilizer plant	Rourkela	Ammonia synthesis loop (Modification and Expansion)	680 (after expn.)	Uhde	EPC-LSTK

Abbreviations (Services Rendered)

E (Basic Engg), E (Detail Engg), P = Procurement, EPCM = Engineering, Procurement, Construction Management, PS = Proprietary Supplies, CS = Construction Supervision, COS = Commissioning Supervision, EPC-LSTK = Engineering Procurement Construction - Lumpsum Turnkey, FEED - Front End Engineering Design, PMC = Project Management Consultancy, DFR = Detailed Feasibility Report