

## PROJECTS REFERENCES LIST IN THE FERTILIZERS FIELD

<u>CLIENT</u>	<u>LOCATION</u>	<u>PLANT</u>	<u>SERVICES</u>	<u>YEAR OF CONTRACT</u>
S.A. CROS	SPAIN	GSSP/TSP/AS/DAP/NPK LINE 1 150,000 tpy	BASIC ENGINEERING START-UP ASSISTANCE	1975/76
S.A. CROS	SPAIN	GSSP/TSP/AS/DAP/NPK LINE 2 150,000 tpy	BASIC ENGINEERING START-UP ASSISTANCE	1975/76
COMQUIDOR	VENEZUELA	INORGANICS	BASIC ENGINEERING START-UP ASSISTANCE TRAINING	1976
QUIMBRASIL	BRASIL	DAP/NPK	FEASIBILITY STUDY	1977/82
FOSQUIMICAL	VENEZUELA	INORGANICS	BASIC ENGINEERING TRAINING	1978
COPEBRAS	BRASIL	DAP/NPK	FEASIBILITY STUDY BASIC ENGINEERING (TEST)	1978
AGRICO	USA	DAP/NPK	BASIC ENGINEERING REVAMPING START-UP ASSISTANCE (TEST)	1978
INDUS	PERU	DAP/NPK	FEASIBILITY STUDY	1978
FERTICA	EL SALVADOR	DAP/NPK	FEASIBILITY STUDY	1978
ABOCOL	COLOMBIA	DAP/NPK	FEASIBILITY STUDY	1978
COPAS	BRAZIL	DAP/NPK LINE 1 GSSP/TSP/AS	FEASIBILITY STUDY BASIC ENGINEERING REVAMPING START-UP ASSISTANCE TRAINING	1979
COPAS	BRAZIL	DAP/NPK LINE 2 GSSP/TSP	FEASIBILITY STUDY BASIC ENGINEERING REVAMPING START-UP ASSISTANCE TRAINING	1979
SAPEC	PORTUGAL	DAP/NPK/AS	FEASIBILITY STUDY BASIC ENGINEERING REVAMPING DETAILED ENG. SUPERVISION START-UP ASSISTANCE	1979
PEQUIVEN	VENEZUELA	DAP/NPK 300'000 tpy	START-UP ASSISTANCE TRAINING	1980



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FERT. UNIAO	BRAZIL	DAP/NPK	FEASIBILITY STUDY	1980
S.A. CROS	SPAIN	LIQUID FERTILIZERS Suspensions 50,000 tpy	BASIC ENGINEERING DETAILED ENG.SUPERVISION START-UP ASSISTANCE	1981
PHILPHOS	PHILIPPINES	DAP/NPK LINE 1 530,000 tpy	BASIC ENGINEERING DETAILED ENG.SUPERVISION PROCUREMENT SUPERVISION START-UP ASSISTANCE TRAINING	1981
PHILPHOS	PHILIPPINES	DAP/NPK LINE 2 530,000 tpy	BASIC ENGINEERING DETAILED ENG.SUPERVISION PROCUREMENT SUPERVISION START-UP ASSISTANCE TRAINING	1981
NITTO CHEMICALS	JAPAN	DAP/NPK 150,000 tpy	FEASIBILITY STUDY BASIC ENGINEERING REVAMPING START-UP ASSISTANCE TRAINING	1982
FERTIPLAN	BRAZIL	DAP/NPK	FEASIBILITY STUDY	1982
UBE CHEMICALS	JAPAN	DAP/NPK	FEASIBILITY STUDY	1982
CINSA	SPAIN	DAP/NPK GSSP 200,000 tpy	REVAMPING START-UP ASSISTANCE	1982
PEQUIVEN	VENEZUELA	DAP/NPK 300,000 tpy	FEASIBILITY STUDY START-UP ASSISTANCE TRAINING	1982
ENGRAIS DE GABES	TUNISIA	DAP/NPK 450,000 tpy	BASIC ENGINEERING DETAILED ENG.SUPERVISION PROCUREMENT SUPERVISION START-UP ASSISTANCE TRAINING	1983
GOHDO HIRYO K.K	JAPAN	DAP/NPK	FEASIBILITY STUDY	1983
PHILPHOS	PHILIPPINES	SULPHURIC/ PHOSPHORIC BAGGING LINE 1 530,000 tpy	TRAINING	1983
PHILPHOS	PHILIPPINES	SULPHURIC/ PHOSPHORIC BAGGING LINE 2 530,000 tpy	TRAINING	1983

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EGE GUBRE SANAYII	TURKEY	DAP/NPK 160,000 tpy	BASIC ENGINEERING DETAILED ENG. SUPERVISION REVAMPING START-UP SUPERVISION PROCUREMENT SUPERVISION	1984
I.Q.Z	SPAIN	NPK	BASIC ENGINEERING DETAILED ENG. SUPERVISION START-UP ASSISTANCE	1984
I.Q.Z.	SPAIN	TSP/SSP	BASIC ENGINEERING DETAILED ENG.SUPERVISION START-UP ASSISTANCE	1985
ELEKEIROZ	BRASIL	DAP/NPK AMMONIUM SULPHATE LINE 1 GSSP/TSP/AS 70,000 tpy	BASIC ENGINEERING DETAILED ENG. SUPERVISION REVAMPING START-UP ASSISTANCE	1985
ELEKEIROZ	BRASIL	DAP/NPK AMMONIUM SULPHATE LINE 2 GSSP/TSP/AS 70,000 tpy	BASIC ENGINEERING DETAILED ENG. SUPERVISION REVAMPING START-UP ASSISTANCE	1985
FESA	SPAIN	SULPHURIC/ PHOSPHORIC	FEASIBILITY STUDY	1985
FESA	SPAIN	SULPHURIC	FEASIBILITY STUDY	1985
GUBRE FABRIKALARI	TURKEY	DAP/NPK GSSP 210,000 tpy	BASIC ENGINEERING DETAILED ENG. SUPERVISION REVAMPING START-UP ASSISTANCE	1986
GALVANI FERT.LTDA.	BRAZIL	MAP/NPK GTSP	FEASIBILITY STUDY DETAILED ENG. SUPERVISION REVAMPING START-UP ASSISTANCE	1986
S.A. CROS	SPAIN	SUSP.NPK 50,000 tpy	FEASIBILITY STUDY BASIC ENGINEERING DETAILED ENG. SUPERVISION START-UP ASSISTANCE PROCUREMENT ASSISTANCE	1986
S.A. CROS	SPAIN	SUSP.8-24-0 50,000 tpy	FEASIBILITY STUDY BASIC ENGINEERING DETAILED ENG. SUPERVISION START-UP ASSISTANCE PROCUREMENT ASSISTANCE	1987



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IHP PRAHOVO	YUGOSLAVIA	MAP	BASIC ENGINEERING DETAILED ENG. SUPERVISION REVAMPING START-UP ASSISTANCE PROCUREMENT ASSISTANCE	1987
TUGSAS	TURKEY	TSP/NPK 360,000 tpy	BASIC ENGINEERING DETAILED ENG. SUPERVISION REVAMPING TRAINING START-UP ASSISTANCE PROCUREMENT SUPERVISION	1987
SABIC	SAUDI ARABIA	DAP-GTSP LINE 1 700,000 tpy	BASIC ENGINEERING DETAILED ENG. SUPERVISION TRAINING START-UP ASSISTANCE PROCUREMENT SUPERVISION	1988
SABIC	SAUDI ARABIA	DAP/NP/NPK LINE 2 700,000, tpy	BASIC ENGINEERING DETAILED ENG. SUPERVISION TRAINING START-UP ASSISTANCE PROCUREMENT SUPERVISION	1988
SABIC	SAUDI ARABIA	LIQ. FERTILIZERS LINE 3	BASIC ENGINEERING DETAILED ENG. SUPERVISION TRAINING START-UP ASSISTANCE PROCUREMENT SUPERVISION	1987
S.A.CROS	SPAIN	CLEAR LIQUID FERTILIZERS 500,000 tpy	FEASIBILITY STUDY BASIC ENGINEERING DETAILED ENG. SUPERVISION START-UP ASSISTANCE PROCUREMENT SUPERVISION	1988
COPAS	BRAZIL	NPK GSSP	BASIC ENGINEERING DETAILED ENG. SUPERVISION REVAMPING START-UP ASSISTANCE PROCUREMENT SUPERVISION	1988
ADUBOS TREVO	BRAZIL	NPK	FEASIBILITY STUDY	1989
PFI	GREECE	LIQ. FERTILIZERS	FEASIBILITY STUDY	1989
ETC	UNITED KINGDOM	NPK	FEASIBILITY STUDY REVAMPING	1990
AGRI CHEMICALS	UNITED KINGDOM	CAN + NITRIC ACID UNIT	FEASIBILITY STUDY	1991

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TAIWAN FERTILIZER CO.	TAIWAN	NPK GSSP/TSP 100,000 tpy	BASIC ENGINEERING DETAILED ENG. SUPERVISION PROCUREMENT SUPERVISION START-UP ASSISTANCE TRAINING	1991
FESA/ ENFERSA	SPAIN	DAP 300,000 tpy	BASIC ENGINEERING DETAILED ENGINEERING REVAMPING TRAINING START-UP ASSISTANCE PROCUREMENT	1991
PEQUIVEN	VENEZUELA	DAP/NPK 300,000 tpy	REVAMPING BASIC ENGINEERING DETAILED ENGINEERING PROCUREMENT START-UP ASSISTANCE TRAINING	1991
CNTIC	CHINA	UREA	PROCUREMENT OF: VACUUM SYSTEM INSTRUMENTATION OF THE UNIT & PROGRAMMABLE LOGIC CONTROL	1992
PHILPHOS	PHILIPPINES	DAP/NPK LINE 1 530,000 tpy	REVAMPING BASIC ENGINEERING DETAILED ENGINEERING PROCUREMENT START-UP ASSISTANCE TRAINING	1993
PHILPHOS	PHILIPPINES	DAP/NPK LINE 2 530,000 tpy	REVAMPING BASIC ENGINEERING DETAILED ENGINEERING PROCUREMENT START-UP ASSISTANCE TRAINING	1993
DEFER	BRAZIL	NPK	FEASIBILITY STUDY	1993
NCFC	SAUDI ARABIA	NPK	TECHNICAL ASSISTANCE	1993
PEQUIVEN	VENEZUELA	NPK 300,000 tpy	MECHANICAL & MAINTENANCE OPTIMIZATION	1993
FERTIBERIA	SPAIN	DAP 300,000 tpy	REVAMPING BASIC ENGINEERING SUPERV. DETAILED ENGINEERING SUPERV. PROCUREMENT	1994
TUGSAS	TURKEY	AN Scrubbing Area	FEASIBILITY STUDY	1994



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FERTIBERIA	SPAIN	NPK 300,000 tpy	REVAMPING DETAILED ENGINEERING SUPERV. PROCUREMENT SUPERVISION START-UP ASSISTANCE	1994
FERTIBERIA	SPAIN	NITROPHOSPHATE	FEASIBILITY STUDY	1994
SEFANITRO	SPAIN	AMM.NITROSULPH.	FEASIBILITY STUDY	1994
INCRO	SPAIN	N-K FORMULAS (GRANULATED) UREA + POTASH Semi-industrial scale	BASIC ENGINEERING DETAILED ENGINEERING SUPERV. PROCUREMENT START-UP ASSISTANCE	1994/95
PHILPHOS	PHILIPPINES	DAP/NPK Final product treatment 530,000 tpy	BASIC ENGINEERING DETAILED ENGINEERING SUPERV. PROCUREMENT TRAINING START-UP ASSISTANCE	1995
AL-NOOR	PAKISTAN	DAP	BASIC ENGINEERING DETAILED ENGINEERING SUPERV. TRAINING START-UP ASSISTANCE PROJECT COMPLETION ON HOLD	1995
FERTIBERIA (ASUR)	SPAIN	NPK BASED IN AMMONIUM NITRATE SSP	BASIC ENGINEERING DETAILED ENGINEERING START-UP ASSISTANCE	1995
HINDUSTAN LEVER LTD.	INDIA	DAP Revamp.	FEASIBILITY STUDY	1995
HINDUSTAN LEVER LTD.	INDIA	NPK Revamp.	FEASIBILITY STUDY	1995
NAMHAE	KOREA	DAP/NPK Rev. LINE 1	BASIC ENGINEERING DETAILED ENGINEERING SUPERV. PROCURE. OF CRITICAL EQUIP. SUPERV. OF LOCAL PROCURE. TRAINING START-UP ASSISTANCE	1995
NAMHAE	KOREA	DAP/NPK Rev. LINE 2	BASIC ENGINEERING DETAILED ENGINEERING SUPERV. PROCURE. OF CRITICAL EQUIP. SUPERV. OF LOCAL PROCURE. TRAINING START-UP ASSISTANCE	1995
NAMHAE	KOREA	SCRUBBER AREA GRANULATION UNIT LINE 1 600,000 tpy	BASIC ENGINEERING DETAILED ENGINEERING SUPERV. PROCURE. OF CRITICAL EQUIP. SUPERV. OF LOCAL PROCURE. TRAINING START-UP ASSISTANCE	1996



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NAMHAE	KOREA	SCRUBBER AREA GRANULATION UNIT LINE 2 600,000 tpy	BASIC ENGINEERING DETAILED ENGINEERING SUPERV. PROCURE. OF CRITICAL EQUIP. SUPERV. OF LOCAL PROCURE. TRAINING START-UP ASSISTANCE	1996
FACT	INDIA	DAP/NPK Rev.	BASIC ENGINEERING DETAILED ENGINEERING SUPERV. PROCURE. OF CRITICAL EQUIP. SUPERV. OF LOCAL PROCURE. TRAINING START-UP ASSISTANCE PROJECT COMPLETION ON HOLD	1996
DONGBU	KOREA	DAP/NPK 100,000 tpy	BASIC ENGINEERING DETAILED ENGINEERING SUPERV. PROCURE. OF CRITICAL EQUIP. SUPERV. OF LOCAL PROCURE. TRAINING START-UP ASSISTANCE	1996
ABOCOL	COLOMBIA	NPK/CAN LINE II 330,000 tpy	BASIC ENGINEERING CONSTRUCTION DRAWINGS DETAILED ENG. SUPERVISION PROCURE. OF CRITICAL EQUIP. SUPERV. OF LOCAL PROCURE. TRAINING START-UP SUPERVISION	1997
ABOCOL	COLOMBIA	Ammonium Nitrate Concentration Plant 25 T/h	BASIC ENGINEERING CONSTRUCTION DRAWINGS DETAILED ENG. SUPERVISION TRAINING START-UP SUPERVISION	1997
GRESIK	INDONESIA	NPK 360,000 tpy	BASIC ENGINEERING DETAILED ENGINEERING SUPERV. PROCURE OF CRITICAL EQUIP. SUPERV. OF LOCAL PROCURE. TRAINING START-UP ASSISTANCE	1997
CHOBI CO.	KOREA	NPK Revamping LINE I 150,000 tpy	BASIC ENGINEERING DETAILED SUPERVISIONS	1997
CHOBI CO.	KOREA	NPK Revamping LINE II	BASIC ENGINEERING DETAILED SUPERVISIONS	1997
HINDUSTAN	INDIA	DAP/NPK Revamping 375,000 / 400,000 tpy	BASIC ENGINEERING DETAILED ENGINEERING SUPERV. PROCURE. OF CRITICAL EQUIP. SUPERV. OF LOCAL PROCURE. TRAINING & START-UP ASSISTANCE	1998



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ABOCOL	COLOMBIA	DAP/NPK/CAN 330,000 tpy using Phosphoric Ac. & Ammonia + Nitric Acid + Phosphate Rock New Plant	BASIC ENGINEERING CONSTRUCTION DRAWINGS DETAILED ENG. SUPERVISION PROCURE. OF CRITICAL EQUIP. SUPERV. OF LOCAL PROCURE. TRAINING START-UP SUPERVISION	1998
PHILPHOS	PHILIPPINES	DAP/NPK Rev. using Pipe Reactor for Ammonia+Sulphuric Acid + diluted Phosphoric Acid 2 x 530,000 tpy	BASIC ENGINEERING CONSTRUCTION DRAWINGS DETAILED ENG. SUPERVISION PROCURE. OF CRITICAL EQUIP. SUPERV. OF LOCAL PROCURE. TRAINING START-UP SUPERVISION	1998
COROMANDEL	INDIA	NP/NPK New Plant 250,000 tpy	BASIC ENGINEERING CONSTRUCTION DRAWINGS DETAILED ENG. SUPERVISION PROCURE. OF CRITICAL EQUIP. SUPERV. OF LOCALPROCURE. TRAINING START-UP SUPERVISION	1998
HONGHE	CHINA	DAP/NPK Revamping 200,000 tpy DAP 100,000 tpy NPK	BASIC ENGINEERING CONSTRUCTION DRAWINGS DETAILED ENGINEERING SUPERV. PROCURE. OF CRITICAL EQUIP. SUPERV. OF LOCAL PROCURE. TRAINING START-UP SUPERVISION	1999
YUNNAN	CHINA	GTSP Revamp /NPK/DAP 700,000 tpy	BASIC ENGINEERING CONSTRUCTION DRAWINGS DETAILED ENGINEERING SUPERV. PROCURE. OF CRITICAL EQUIP. SUPERV. OF LOCAL PROCURE. TRAINING START-UP SUPERVISION	1999
INDO GULF	INDIA	DAP/NP/NPK 450,000 tpy	BASIC ENGINEERING CONSTRUCTION DRAWINGS DETAILED ENGINEERING SUPERV. PROCURE. OF CRITICAL EQUIP. SUPERV. OF LOCAL PROCURE. TRAINING START-UP SUPERVISION	1999
GUJARAT STATE FERTILIZER CO.	INDIA	DAP 450,000 tpy	BASIC ENGINEERING DETAILED ENG. SUPERVISION PROCURE. OF CRITICAL EQUIP. SUPERV. OF LOCAL PROCURE. TRAINING START-UP SUPERVISION	1999



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GODAVARI FERTILISERS & CHEMICALS	INDIA	DAP/NPK Revamp. Line I & II 420,000 tpy	BASIC ENGINEERING DETAILED ENG. SUPERVISION PROCUREMENT OF CRITICAL EQUIP. SUPERVISION OF LOCAL PROCURE. TRAINING START-UP SUPERVISION	2000
ADP	PORTUGAL	AN Condensate recovery and energetic optimization	BASIC ENGINEERING DETAILED ENG. SUPERVISION PROCUREMENT	2000
NAFAS	MALAYSIA	NPK 300,000 tpy	BASIC ENGINEERING DETAILED ENG. SUPERVISION PROCUREMENT OF CRITICAL EQUIP. SUPERVISION OF LOCAL PROCURE. TRAINING START-UP SUPERVISION	2000
OCP	MOROCCO	DAP/NPK Revamping Product Conditioning 500,000 tpy	BASIC ENGINEERING DETAILED ENG. SUPERVISION SUPPLY OF EQUIPMENT ERECTION SUPERVISION START UP SUPERVISION	2001
OCP	MOROCCO	TSP/DAP/NPK Granulation and drying revamping 500,000 tpy	BASIC ENGINEERING DETAILED ENG. SUPERVISION SUPPLY OF EQUIPMENT ERECTION SUPERVISION START UP SUPERVISION	2001
MCF	INDIA	DAP/NP Revamping 450,000 tpy	BASIC ENGINEERING SUPERVISION OF DETAILED ENG. SUPPLY OF CRITICAL EQUIPMENT ERECTION SUPERVISION START UP SUPERVISION	2001
DONGBU	KOREA	Scrubbing system Revamping	BASIC ENGINEERING CONSTRUCTION DRAWINGS DETAILED ENGINEERING SUPERV. PROCURE. OF CRITICAL EQUIP. SUPERV. OF LOCAL PROCURE.	2002
GRESIK	INDONESIA	NPK/DAP Revamp 600,000 tpy	BASIC ENGINEERING CONSTRUCTION DRAWINGS DETAILED ENGINEERING SUPERV. PROCURE. OF CRITICAL EQUIP. SUPERV. OF LOCAL PROCURE. START-UP SUPERVISION	2002
GRESIK	INDONESIA	TSP/DAP/NPK Revamp 600,000 tpy	BASIC ENGINEERING CONSTRUCTION DRAWINGS DETAILED ENG. SUPERVISION PROCUREMENT OF CRITICAL EQUIP. SUPERVISION OF LOCAL PROCURE. TRAINING START-UP SUPERVISION	2002



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CARGILL	USA	DAP Train # 4 Granulation plant Process Revamping 1,815,000 tpy	BASIC ENGINEERING DETAILED ENG. SUPERVISION SUPPLY OF EQUIPMENT ERECTION SUPERVISION START-UP SUPERVISION	2003
CARGILL	USA	DAP Train # 6 Granulation plant Process Revamping 1,050,000 tpy	BASIC ENGINEERING DETAILED ENG. SUPERVISION SUPPLY OF EQUIPMENT ERECTION SUPERVISION START-UP SUPERVISION	2003
CARGILL	USA	DAP Train # 5 Granulation plant Process Revamping 990,000 tpy	BASIC ENGINEERING DETAILED ENG. SUPERVISION SUPPLY OF EQUIPMENT ERECTION SUPERVISION START-UP SUPERVISION	2003
CARGILL	USA	DAP Train # 3 Granulation plant Process Revamping 825,000 tpy	BASIC ENGINEERING DETAILED ENG. SUPERVISION SUPPLY OF EQUIPMENT ERECTION SUPERVISION START-UP SUPERVISION	2003
PT GRESIK	INDONESIA	Complex Effluents Treatment Study	BASIC ENGINEERING INVESTMENT EVALUATION	2004
CNPC URUMQI	CHINA	NPK/AS reactor Granulation plant New Plant 300,000 tpy	BASIC ENGINEERING DETAILED ENG. SUPERVISION SUPPLY OF EQUIPMENT ERECTION SUPERVISION TRAINING START-UP SUPERVISION	2004
FOSFERTIL	BRASIL	MAP Granulation Plant New Plant 350,000 tpy	BASIC ENGINEERING DETAILED ENG. SUPERVISION SUPPLY OF EQUIPMENT ERECTION SUPERVISION START-UP SUPERVISION	2004
OCP	MOROCCO	NPK - TSP Granulation Plant 500,000 tpy	SUPPLY OF CRITICAL PARTS	2004
SENTANA	INDONESIA	NPK Granulation Plant New Plant 350,000 tpy	BASIC ENGINEERING DETAILED ENG. SUPERVISION SUPPLY OF EQUIPMENT ERECTION SUPERVISION START-UP SUPERVISION	2004
ENAEX	CHILE	AN Plant Scrubbing Revamping	Section BASIC ENGINEERING SUPPLY OF CRITICAL PARTS CONSTRUCTION DRAWINGS	2004
ORICA	AUSTRALIA	AN Concentration Unit for Ammonium Nitrate Liquor	BASIC ENGINEERING DETAILED ENG. SUPERVISION SUPPLY OF EQUIPMENT	2004



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ABOCOL	COLOMBIA	NPK Granulation Plant	SUPPLY OF CRITICAL PARTS	2004
PDVSA	VENEZUELA	NPK Granulation Plant	SUPPLY OF CRITICAL PARTS	2005
PROMON	BRASIL	MAP Granulation Plant	FEASIBILITY STUDY	2005
MINISTRY OF DEFENSE	VIETNAM	Prilled Porous Ammonium Nitrate New Plant	BASIC ENGINEERING DETAILED ENG. SUPERVISION SUPPLY OF EQUIPMENT ERECTION SUPERVISION START-UP SUPERVISION	2005
YTCC	CHINA	DAP/MAP Two New Granul. Plants 700,000 tpy, each	BASIC ENGINEERING DETAILED ENG. SUPERVISION SUPPLY CRITICAL EQUIPMENT ERECTION SUPERVISION START-UP SUPERVISION	2005
ADUBOS	PORTUGAL	Ammonium Nitrate AN Concentration + Condensate Treatment	BASIC ENGINEERING DETAILED ENG. SUPERVISION SUPPLY CRITICAL EQUIPMENT ERECTION SUPERVISION START-UP SUPERVISION	2005
CSBB	AUSTRALIA	Prilling gases scrubbing	BASIC ENGINEERING	2005
MA'ADEN	SAUDI ARABIA	DAP Granulation Plant 2,920,000 tpy 4 DAP Units	BASIC ENGINEERING DETAILED ENG. SUPERVISION SUPPLY CRITICAL EQUIPMENT ERECTION SUPERVISION START-UP SUPERVISION PLANT OPERATION MANAGEMENT TRAINING	2006
KUTAHYA	TURKEY	Ammonium Nitrate Revamping to produce Low Density AN	BASIC ENGINEERING DETAILED ENG. SUPERVISION SUPPLY OF EQUIPMENT ERECTION SUPERVISION START-UP SUPERVISION	2006
IGSAS	TURKEY	NPK Granulation Plant 220,000 tpy	BASIC ENGINEERING DETAILED ENG. SUPERVISION SUPPLY CRITICAL EQUIPMENT ERECTION SUPERVISION CONSTRUCTION DRAWINGS START-UP SUPERVISION	2006
VINACHEM	VIETNAM	DAP Granulation Plant 330,000 tpy	BASIC ENGINEERING DETAILED ENG. SUPERVISION SUPPLY OF EQUIPMENT ERECTION SUPERVISION START-UP SUPERVISION	2006



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SASOL NITRO	SOUTH AFRICA	NPK / MAP / LAN Revamping Plant	BASIC ENGINEERING DETAILED ENG. SUPERVISION SUPPLY OF EQUIPMENT ERECTION SUPERVISION START-UP SUPERVISION	2007
IGSAS	TURKEY	NPK Revamping to DAP	BASIC ENGINEERING DETAILED ENG. SUPERVISION SUPPLY OF EQUIPMENT ERECTION SUPERVISION START-UP SUPERVISION	2007
BAGFAS	TURKEY	DAP / NPK Revamping Line I & II 450,000 tpy	BASIC ENGINEERING DETAILED ENG. SUPERVISION SUPPLY OF EQUIPMENT ERECTION SUPERVISION START-UP SUPERVISION	2008
R.C.F.	INDIA	ANP New Granulation 30,000 tpy	BASIC ENGINEERING CONSTRUCTION DRAWINGS DETAILED ENG. SUPERVISION SUPPLY OF EQUIPMENT ERECTION SUPERVISION START-UP SUPERVISION	2008
BUNGE / MAROC PHOSPHORE.	MOROCCO	MAP / DAP New Plant 270,000 tpy	BASIC ENGINEERING COMPLETE DETAILED ENG. PROCUREMENT SERVICE SUPPLY OF CRITICAL EQUIPM. ERECTION SUPERVISION START-UP SUPERVISION	2008
BUNGE / MAROC PHOSPHORE.	MOROCCO	GTSP / MAP New Plant 270,000 tpy	BASIC ENGINEERING COMPLETE DETAILED ENG. PROCUREMENT SERVICE SUPPLY OF CRITICAL EQUIPM. ERECTION SUPERVISION START-UP SUPERVISION	2008
BUNGE / MAROC PHOSPHORE	MOROCCO	Off Sites & Storage for MAP & GTSP Plant 270,000 tpy	BASIC ENGINEERING COMPLETE DETAILED ENG. PROCUREMENT SERVICE ERECTION SUPERVISION START-UP SUPERVISION	2008
FOSFERTIL	BRASIL	MAP / TSP New Plant 650,000 tpy	BASIC ENGINEERING DETAILED ENG. SUPERVISION SUPPLY OF CRITICAL EQUIPMENT ERECTION SUPERVISION START-UP SUPERVISION	2009
FOSFERTIL	BRASIL	MAP / DAP New Plant 650,000 tpy	BASIC ENGINEERING DETAILED ENG. SUPERVISION SUPPLY OF CRITICAL EQUIPMENT ERECTION SUPERVISION START-UP SUPERVISION	2009

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NCIC	EGYPT	DAP / NPK New Plant 150,000 tpy	BASIC ENGINEERING DETAILED ENG. SUPERVISION SUPPLY OF CRITICAL EQUIPMENT ERECTION SUPERVISION START-UP SUPERVISION	2009
DONGBU	KOREA	NPK Revamping 300,000 tpy	BASIC ENGINEERING DETAILED ENG. SUPERVISION SUPPLY OF CRITICAL EQUIPMENT ERECTION SUPERVISION START-UP SUPERVISION	2010
DONGBU	KOREA	ANS New Production Unit	BASIC ENGINEERING DETAILED ENG. SUPERVISION SUPPLY OF CRITICAL EQUIPMENT ERECTION SUPERVISION START-UP SUPERVISION	2010
ZUARI	INDIA	DAP / NPK Revamping 500,000 tpy	BASIC ENGINEERING DETAILED ENG. SUPERVISION SUPPLY OF CRITICAL EQUIPMENT ERECTION SUPERVISION START-UP SUPERVISION	2010
IFFCO	INDIA	Revamping Study	FEASIBILITY STUDY BASIC ENGINEERING	2010
MAXAM	UZBEKISTAN	Revamping Study	FEASIBILITY STUDY BASIC ENGINEERING	2010
JINKAI	CHINA	NPK New Plant 600,000 tpy	BASIC ENGINEERING DETAILED ENG. SUPERVISION SUPPLY OF CRITICAL EQUIPMENT ERECTION SUPERVISION START-UP SUPERVISION	2011
COROMANDEL	INDIA	NPK New Plant 550,000 tpy	BASIC ENGINEERING DETAILED ENG. SUPERVISION SUPPLY OF CRITICAL EQUIPMENT ERECTION SUPERVISION START-UP SUPERVISION	2011
HUCHEMS	KOREA	AN Explosive	BASIC ENGINEERING DETAILED ENG. SUPERVISION SUPPLY OF CRITICAL EQUIPMENT ERECTION SUPERVISION START-UP SUPERVISION	2011
VINACHEM	VIETNAM	DAP II Granulation Plant 330,000 tpy	BASIC ENGINEERING DETAILED ENG. SUPERVISION SUPPLY OF EQUIPMENT ERECTION SUPERVISION START-UP SUPERVISION	2012

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MA'ADEN	SAUDI ARABIA	DAP / NPK 3 Units DAP 1 Unit NPK New Plants 4,200,000 tpy	BASIC ENGINEERING DETAILED ENG. SUPERVISION SUPPLY CRITICAL EQUIPMENT ERECTION SUPERVISION START-UP SUPERVISION PLANT OPERATION MANAGEMENT TRAINING	2012
GÜBRETAS	TURKEY	DAP / NPK 2 New Plants 2 x 250,000 tpy	BASIC ENGINEERING DETAILED ENG. SUPERVISION SUPPLY OF CRITICAL EQUIPMENT ERECTION SUPERVISION START-UP SUPERVISION	2012
TOROS	TURKEY	NP / NPK Revamping 300,000 tpy	BASIC ENGINEERING DETAILED ENG. SUPERVISION SUPPLY OF CRITICAL EQUIPMENT ERECTION SUPERVISION START-UP SUPERVISION	2013
LLC "BMF"	RUSSIA	NPK New Plant 450,000 tpy	BASIC ENGINEERING DETAILED ENG. SUPERVISION SUPPLY OF CRITICAL EQUIPMENT ERECTION SUPERVISION START-UP SUPERVISION	2013
AGROPOLYCHIM	BULGARIA	TSP / MAP Revamping 285,000 tpy	BASIC ENGINEERING DETAILED ENG. SUPERVISION SUPPLY OF CRITICAL EQUIPMENT ERECTION SUPERVISION START-UP SUPERVISION	2013
DEEPAK	INDIA	NP / NPK / DAP 2 New Plants 330,000 tpy	BASIC ENGINEERING DETAILED ENG. SUPERVISION SUPPLY OF CRITICAL EQUIPMENT ERECTION SUPERVISION START-UP SUPERVISION	2013
DEEPAK	INDIA	AN Solution New Concentration Unit 330,000 tpy	BASIC ENGINEERING DETAILED ENG. SUPERVISION SUPPLY OF CRITICAL EQUIPMENT ERECTION SUPERVISION START-UP SUPERVISION	2013
CENGIZ	TURKEY	DAP / NPK New Plant 540,000 / 750,000 tpy	BASIC ENGINEERING DETAILED ENG. SUPERVISION SUPPLY OF CRITICAL EQUIPMENT ERECTION SUPERVISION START-UP SUPERVISION	2014
ETI BAKIR	TURKEY	DAP / NPK New Plant 540,000 / 750,000 tpy	COMPLETE DETAILED ENGINEERING PROJECT MANAGEMENT SERVICES PROCUREMENT SERVICES	2014

<u>CLIENT</u>	<u>LOCATION</u>	<u>PLANT</u>	<u>SERVICES</u>	<u>YEAR OF CONTRACT</u>
PARADEEP	INDIA	DAP/NP/NPK Revamping	BASIC ENGINEERING DETAILED ENG. SUPERVISION SUPPLY OF CRITICAL EQUIPMENT ERECTION SUPERVISION START-UP SUPERVISION	2014
PETROVIETNAM	VIETNAM	NPK New plant 300,000 tpy	BASIC ENGINEERING DETAILED ENG. SUPERVISION SUPPLY OF CRITICAL EQUIPMENT ERECTION SUPERVISION START-UP SUPERVISION	2015
KOREA VIETNAM FERTILIZER	VIETNAM	NPK 2 New Plants Steam Granulation	BASIC ENGINEERING DETAILED ENG. SUPERVISION SUPPLY OF CRITICAL EQUIPMENT ERECTION SUPERVISION START-UP SUPERVISION	2015
EUROCHEM	RUSSIA	NPK New plant 500,000 tpy	BASIC ENGINEERING DETAILED ENG. SUPERVISION SUPPLY OF CRITICAL EQUIPMENT ERECTION SUPERVISION START-UP SUPERVISION	2015
GALVANI	BRAZIL	NP New plant 450,000 tpy	BASIC ENGINEERING DETAILED ENG. SUPERVISION SUPPLY OF CRITICAL EQUIPMENT ERECTION SUPERVISION START-UP SUPERVISION	2016
NCIC	EGYPT	DAP / TSP 2 New plant 396,000 tpy DAP 225,000 tpy GTSP	BASIC ENGINEERING DETAILED ENG. SUPERVISION SUPPLY OF CRITICAL EQUIPMENT ERECTION SUPERVISION START-UP SUPERVISION	2016
GÜBRETAS	TURKEY	Granular AS Granulated with Pipe Reactor Revamping 150,000 tpy	BASIC ENGINEERING DETAILED ENG. SUPERVISION SUPPLY OF CRITICAL EQUIPMENT ERECTION SUPERVISION START-UP SUPERVISION	2017
AGROPOLYCHIM	BULGARIA	NPK Revamp	BASIC ENGINEERING DETAILED ENG. SUPERVISION ERECTION SUPERVISION START-UP SUPERVISION	2017
TATA	INDIA	2 x NPK Revamp F.Study	FEASIBILITY STUDY	2018
ELIXIR	SERBIA	NPK Revamp F. study	FEASIBILITY STUDY	2018



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<u>CLIENT</u>	<u>LOCATION</u>	<u>PLANT</u>	<u>SERVICES</u>	<u>YEAR OF CONTRACT</u>
OCP	MOROCCO	TSP/DAP/NPK Granulation and drying study	CONSULTING SERVICES AGREEMENT	2019
OCP	MOROCCO	Revamping 07 D TSP/grinding unit 08	ENGINEERING STUDY	2019
MA'ADEN	SAUDI ARABIA	DAP / NPK 7 Units DAP/NP 1 Unit NPK 6,000,000 tpy	TECHNICAL SERVICE AGREEMENT	2019
MA'ADEN	SAUDI ARABIA	DAP Plant	BASIC ENGINEERING DEDUSTING SYSTEM REVAMPING	2019
MA'ADEN	SAUDI ARABIA	DAP Plant	BASIC ENGINEERING, PLANT DEBOTTLENECKING DETAILED ENG. SUPERVISION SUPPLY OF CRITICAL EQUIPMENT ERECTION SUPERVISION START-UP SUPERVISION	2019
EUROCHEM	RUSSIA	NPK 500,000 tpy	BASIC ENGINEERING UPDATE NEW FORMULAS, DIFFERENT RAW MATERIALS AND NEW EQUIPMENT.	2019
FERTIBERIA QSr	SPAIN	POTASSIUM NITRATE	PROCESS DEVELOPMENT FEASIBILITY STUDY	2020