

SADELMI Power

LIST OF REFERENCES

SADELMI Power

GAS COMBINED CYCLE POWER PLANT LIST OF REFERENCES

COUNTRY	CUSTOMER	DESCRIPTION AND SCOPE COMBINED CYCLE POWER PLANT	GAS	MW	MAIN EQPT. MANUF.	AMOUNT (M\$)
ITALY	AG Power	Riva del Garda Combined Cycle and Cogeneration Power Plant 50Mw(e) with municipal heating and renewing electrical paper mill system. Overall supply on turn key basis. SADELMI acts as General Contractor.		50	GE (gas turbine only)	70
SAUDI ARABIA	SAUDI CEMENT COMPANY	HOFUF GAS TURBINE CAPTIVE POWER PLANT 3X36 MW GAS TURBINE POWER PLANT Overall supply on turn key basis including civil works. SADELMI acts as General Contractor		108	GE	90
ITALY	Fenice SpA	Barilla Combined Cycle and Cogeneration Power Plant - 36 MW(e). Turn-key Supply of Mechanical, electrical and I&C BOP, Civil works and HRSG erection		36	GE (gas turbine only)	13
ITALY	ANSALDO Energia	Sparanise Combined Cycle Power Plant - Auxiliary Systems Island -Engineering, Project Management, Supply, Erection and Commissioning		800	ANSALDO	4,1
BAHRAIN	MINISTRY of ELECTRICITY & WATER (M.E.W.)	Al Hidd II - 3x140 MW GT & 1x210 MW ST BOP engineering and supply, Civil Works, HRSG supply and installation, complete E/M erection, 220 kV GIS & HV cables supply and installation		630	ALSTOM	97 *
IRAN	FAJR Petrochemical Company	BIOC Cogeneration Plant - Gas Turbines (5x94 MW) & HRSG (4x170 t/h) Overall Contract Management, engineering, erection supervision and commissioning		470	ALSTOM	86 *
QATAR	Q.E.W.C. (Qatar Electricity & Water Corporation)	Ras Abu Fontas "B" extension - 3x165 MW Gas Turbine Power Plant BOP engineering and supply, Civil Works engineering and execution, complete E/M erection		495	ALSTOM	60 *
BRAZIL	Termobahia LTDA	190 MW Combined Cycle Power Plant BOP engineering and supply, subcontracts managements for civil/structural works		190	ALSTOM	6 *
IVORY COAST	CINERGY	Azito - 2x144 MW Gas Power Plant Engineering, BOP supply, Civil Works and complete E/M erection Contract in Consortium with ABB PGL		288	ABB	34,2 *
BAHRAIN	MINISTRY of ELECTRICITY & WATER (M.E.W.)	Al Hidd I - Gas (2x136 MW) & desalination (4x7,5 MGD) plants BOP Engineering and supply, Civil Works engineering and execution, complete E/M erection		272	ABB	177 *
TURKEY	T.P.E. TURK PIRELLI ENERGY	Izmit Cogeneration Power Plant (24MWIGT10, 50t/h HRSR) for Pirelli tyre and factory. Turnkey responsibility. HRSG supplied by ALSTOM Power Boilers - Italy.		24	ABB STAL	14 *

COUNTRY	CUSTOMER	DESCRIPTION AND SCOPE COMBINED CYCLE POWER PLANT	GAS	MW	MAIN EQPT. MANUF.	AMOUNT (M\$)
BANGLADESH	B.P.D.B. (Bangladesh Power Development Board)	Shajibazar - rehabilitation of 7x15 MW Gas Turbine Power Plant		105	--	4
SAUDI ARABIA	ELECTRICITY CORPORATION	Al-Jawf Gas Power Plant extension (2x25 MW). Engineering, B.O.P. supply, including generators, erection and civil works		2x25	FIAT	27 *
JORDAN	JORDAN PETROLEUM REFINERY COMPANY	Zarqa Cogeneration Plant Supply of the gas turbine power plant and heat recovery steam		10	NUOVO PIGNONE	13
QATAR	M.E.W.	Ras Abu Fontas "B" gas Power Plant 5x125 MW (turbine type 13E2) and desalination plant (5x320 t/h WHRB, 5x6,6 MGD desalination units). Engineering, B.O.P and boilers supply, civil works and complete electromechanica erection. (Contract in consortium with AB		625	ABB KW	475 *
IRAN	TREC	Ghom Combined Cycle Power Plant 2x100 MW Add-on (contract in consortium with ABB Kraftwerke for turbines and Combustion Engineering Italy for boilers) - Engineering, BOP supply, civil works and erection		200	ABB KW	75 *
U.A.E. DUBAI	D.E.W.A.	Jebel Ali Power Plant Extension to "E" station, phase III. Conversion to combined cycle. Boiler supply ; Combustion Engineering srl (Contract in consortium with ABB Kraftwerke). - Engineering, BOP supply, civil works and erection		105	ABB KW	45 *
SAUDI ARABIA	S.C.E.CO. WEST	Rabigh Combined Cycle Power Plant 8x72 MW GT + 2x125 MW Steam Engineering, B.O.P. supply, civil works and erection. (Contract in consortium with ABB Kraftwerke).		576/250	ABB	200 *
BAHRAIN	ALUMINIUM BAHRAIN B.S.C.	Alba Combined Cycle Power Plant. 6x95 MW GT + 2x130 MW Steam Engineering, B.O.P. supply, civil works and erection. (Contract in consortium with ABB Kraftwerke, Mannheim).		570/260	ABB	210 *
SAUDI ARABIA	S.C.E.CO. SOUTH	Tihama Gas Turbine Power Plant extension 1x66 MW. B.O.P. supply and engineering civil works and electromechanical erection.		66	G.E.	8,8
EGYPT	BORSIG for E.E.A.	Damietta Combined Cycle Power Plant 6x142 MW GT. Erection of 6 boilers.		852	--	5,3
EGYPT	E.E.A.	Cairo South Combined Cycle Power Plant 2x150 MW. B.O.P. supply, civil works and electromechanical erection (turbine type 3xFR-9). Gas portion. (Contract in consortium with G.E. and Mitsubishi).		300	G.E.	23 *
EGYPT	E.E.A.	Damietta Gas Power Plant (6x142). B.O.P. supply, civil works and electromechanical erection. (Contract in consortium with Siemens).		600	SIEMENS	33 *

COUNTRY	CUSTOMER	DESCRIPTION AND SCOPE COMBINED CYCLE POWER PLANT	GAS	MW	MAIN EQPT. MANUF.	AMOUNT (M\$)
U.A.E. ABU DHABI	WATER AND ELECTRICITY DEPT.	Al Taweelah "A" Combined Cycle Power Plant 3x125 MW. Design, B.O.P. supply and electromechanical erection (turbine type FR-9). Boiler manufacturer: BORSIG.		324	G.E.	42 *
ITALY	FIAT MIRAFIORI	Mirafiori Combined Cycle Power Plant 2x40 MW GT + 2x20 MW Steam. B.O.P. supply and electromechanical erection.		80/40	FIAT/F.W.	8
EGYPT	E.E.A.	Talkha Combined Cycle Power Plant. 2x50 MW Steam. Add-on. Engineering, B.O.P. supply, civil works and erection. (Contract in consortium with G.E.).		100	G.E.	20 *
OMAN	P.D.O.	Jibal Gas Power Plant 2x35 MW. Engineering, B.O.P. supply, civil works and erection (turbine type FR-6).		70	G.E.	4,4
OMAN	M.E.W.	Rusail Gas Power Plant 3x100 MW. Engineering, B.O.P. supply, civil works and erection (turbine type FR-9).		300	G.E.	18
SAUDI ARABIA	S.C.E.CO. SOUTH	Asir Gas Power Plant 3x67 MW. Engineering, B.O.P. supply, civil works and electromechanical erection (turbine type FR-7).		201	G.E.	16,5
SAUDI ARABIA	PETROMIN/ PETROLA	Rabigh Community Gas Power Plant 2x35 MW. B.O.P. supply, civil works and electromechanical erection (turbine type FR-6).		70	G.E.	4,3
SAUDI ARABIA	PETROMIN/ PETROLA	Rabigh Refinery Gas Turbine Power Plant Preservation 2x35 MW (turbine type FR-6).		105	G.E.	7,5
SAUDI ARABIA	PETROMIN/ PETROLA	Rabigh Utility Gas Power Plant 3x35 MW. Engineering, B.O.P. supply, civil works and electromechanical erection (turbine type FR-6).		105	G.E.	10,8
SAUDI ARABIA	ELECTRICITY CORPORATION	Jizan Gas Power Plant extension 2x67 MW. Engineering, B.O.P. supply, design, civil works and electromechanical erection. (turbine type FR-7).		134	G.E.	7,2
SAUDI ARABIA	S.C.E.CO. SOUTH	Najran-Jizan relocation. Removal and reinstallation of 2x35 MW from Najran Power Plant to Jizan Power Plant, including ancillaries on turn key basis (turbine type FR-		70	G.E.	1,5
SAUDI ARABIA	S.C.E.CO. SOUTH	Tihama Gas Power Plant 3x67 MW FR-7 + 2x35 MW FR-6. B.O.P. engineering and supply, civil works and electromechanical erection.		271	G.E.	56,8
TRINIDAD & TOBAGO	T.&T. EL. CO.	Combined Cycle Power Plant. Engineering, B.O.P. supply and electromechanical erection. Add-on steam cycle only.		70	G.E.	8,3
ITALY	ACEA	Tor di Valle Cogeneration Plant and Torino Sud district heating network. Engineering, B.O.P. supply and electromechanical erection.		25	NUOVO PIGNONE	7,5
SAUDI ARABIA	TABUK EL. CORP.	Tabuk Gas Power Plant 2x35 MW. B.O.P. engineering and supply, civil works and electromechanical erection (turbine type FR-6).		70	G.E.	20,5

COUNTRY	CUSTOMER	DESCRIPTION AND SCOPE COMBINED CYCLE POWER PLANT	GAS	MW	MAIN EQPT. MANUF.	AMOUNT (M\$)
SAUDI ARABIA	S.C.E.CO. SOUTH	Jizan Gas Power Plant 3x25 MW (Phase II). B.O.P. supply, civil works and electromechanical erection (turbine type FR-6).		105	G.E.	9,3
SAUDI ARABIA	ELECTRICITY CORPORATION	Najran Gas Power Plant 5x37.5 MW (Phase II). B.O.P. engineering, partial supply, civil works and electromechanical erection (turbine type TG-20).		187,5	FIAT	27
SAUDI ARABIA	ELECTRICITY CORPORATION	Al-Jawf Gas Power Plant 5x37.5 MW. Engineering, B.O.P. supply, civil works and electromechanical erection (turbine type TG-20).		187,5	FIAT	56
EGYPT	E.E.A.	Mahmoudiah Gas Power Plant 8x25 MW. Engineering, B.O.P. supply, civil works and electromechanical erection (turbine type FR-5).		200	G.E.	15,2
IRAQ	S.O.E.	Dibis Gas Power Plant 5x37.5 MW. Engineering, B.O.P. supply, civil works and erection (turbine type TG-20).		187,5	FIAT	28
IRAQ	S.O.E.	Doura Gas Power Plant 4x37.5 MW. Engineering, B.O.P. supply, civil works and erection (turbine type TG-20).		150	FIAT	20
SAUDI ARABIA	S.C.E.CO. SOUTH	Jizan Gas Power Plant 2x25 MW (Phase I). Engineering, B.O.P. supply civil, works and Electromechanical erection (turbine type FR-5).		50	G.E.	3,6
SAUDI ARABIA	S.C.E.CO. SOUTH	Najran Gas Power Plant 2x25 MW (Phase I). Engineering, B.O.P. supply, civil works and electromechanical erection (turbine type FR-5).		50	G.E.	3,8
LIBYA	SECRETARIAT OF AGRICULTURE	Kufra Gas Power Plant 3x25 MW. Engineering, B.O.P. supply, civil works and erection (with 66 kV substation) (turbine type TG-20).		75	FIAT	16
LIBYA	O.O.CO.	Jalo Gas Power Plant 1x25 MW. Erection of the turbine generator (turbine type FR-5).		25	G.E.	1,6
ALGERIA	SONATRACH	Tin Fouye Tabankort Gas Power Plant. Electromechanical erection.		150	THOMASSEN	5
EGYPT	E.E.A.	Talkha and Helwan Gas Power Plant 13x25 MW. Civil works and electromechanical erection (turbine type FR-5).		325	G.E.	5
NIGERIA	N.E.P.A.	Delta III Gas Power Plant 6x25 MW. Engineering, B.O.P. supply, civil works and erection (turbine type FR-5).		150	G.E.	7
ALGERIA	SONELGAZ	Tiaret Gas Power Plant , 4x37.5 MW. Engineering, B.O.P. supply, civil works and electromechanical erection (turbine type TG-20).		150	FIAT	8,2
ALGERIA	SONATRACH	Tiaret 4xTG 20 Fiat gas turbine power plant design, supply of materials, civil works and complete erection of the power plant with fiat turbine generator units.			FIAT	14,8

COUNTRY	CUSTOMER	DESCRIPTION AND SCOPE COMBINED CYCLE POWER PLANT	GAS	MW	MAIN EQPT. MANUF.	AMOUNT (M\$)
EGYPT	EEA	Mahmoudiah gas turbine power plant design, supply of material, civil works and electrical and mechanical erection of the power plant with 8xfr 5 GE turbine generator units		200	G.E.	14,8
EGYPT	GENERAL ELECTRIC	Talka and helwan gas turbine power plant civil works and erection of the power plants with GE 13x fr. 5 turbine generator units.		325	G.E.	7,2
IRAQ	STATE ORGANIZATION OF ELECTRICITY	Doura 4xTG 20 Fiat gas turbine emergency power plant Balance of plant, civil works and erection		108	FIAT	23,6
IRAQ	STATE ORGANIZATION OF ELECTRICITY	Dibis gas turbine power plant Balance of plant, civil works and erection		185	FIAT	33,0
ITALY	ACEA	Tor di valle combined cycle power station and district heating for torino sud design, supply and installation on turn-key basis of a gas turbine power station and district heating system				8,8
LIBYA	OASIS OIL CO.	Jalo gas 1x fr. 5 turbine 25 MW generator unit n° 4		25	GE	2,1
NIGERIA	GENERAL ELECTRIC NEW YORK	Ijora gas turbine power plant - civil works and erection of the power plant with 3x fr. 5 aeg turbine generator units		75	AEG	4,8
SAUDI ARABIA	DEPCO - DAHRAN ELECTRIC POWER CO.	Extension of the Damman gas turbine power plant -engineering, materials supply civil works and erection of the power plant extension with 2xTG 20 fiat generator (n° 11 and 12)		60	FIAT	9,4
SAUDI ARABIA	DEPCO - DAHRAN ELECTRIC POWER CO.	Extension of the Damman gas turbine power plant -engineering, materials supply, civil works and erection of the power plant extension with 2xTG 20 fiat generator (n° 15 and 16)		60	FIAT	13,5
SAUDI ARABIA	GENERAL ELECTRIC NEW YORK	Extension of Jeddah power plant - civil works and erection of the power plant extension with 7x fr 7 GE turbine generators 5x TG 20 FIAT		420	FIAT	18,5
SAUDI ARABIA	DEPCO-DHAHRAN ELECTRIC POWER CO.	Extension of the Damman gas turbine power plant - Engineering, materials supply, civil works and erection of the power plant extension with 4xTG 20 FIAT generator units (n° 7 to 10)		120	FIAT	11,5
U.A.E.	DUBAI ELECTRICTY CO. (DUBAI)	Dubai 2XTG FIAT gas turbine power plant design, supply of materials and erection of the power plant with FIAT turbine generator units		60	FIAT	7,2

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STEAM POWER PLANT LIST OF REFERENCES

COUNTRY	CUSTOMER	DESCRIPTION AND SCOPE STEAM POWER PLANT	MW	MAIN EQPT. MANUF.	AMOUNT (M\$)
TURKEY	ALSTOM Power	CAN 2x160 MW Steam Power Plant. BOP engineering and supply, cvil works engineering, E/M erection	320	ALSTOM	22*
DOMINICAN REPUBLIC	Empresa Generadora de Electricidad Haina	Barahona 1x45 MW Thermal Power Plant. Completion and commissioning of the complete Power Plant with the rehabilitation of the 45 MW steam turbine	45	--	24
JORDAN	JORDAN ELECTRICITY AUTHORITY	Extension of Aqaba Thermal Plant. Engineering, Thermal Cycle engineering and supply, complete E/M erection of 1 unit of 130 MW. (contract Consortium with ABB).	1x130	ABB KRAFTWERKE	41*
MONGOLIA	CENTRAL ENERGY SYSTEM (C.E.S.)	Revamping of the Ulaanbaatar steam power plant, including the plant's control system, assembly and start up. ABB Combustion Engineering - Italy is responsible for retrofitting services of six boilers and key components replacing.	--	Barnau (Novosibirsk)	32*
LEBANON	ANSALDO GIE for COUNCIL DEVELOPMENT& RECON- STRUCTION	Zouk (607 MW) and Jieh (331 MW) Thermal Power Plants rehabilitation. Partial supply of a new desalination plant and rehabilitation of existing components.	607/331	TOSHIBA/BC/SGP ANSALDO/ ALSTHOM/ BREDA/ STEIN	10
EGYPT	E.E.A.	El Kureimat Steam Power Plant extention 2x230 MW. Partial mechanical B.O.P. supply and mechanical erection	1200	BABCOCK / GENERAL ELECTRIC	38*
JORDAN	JORDAN ELECTRICITY AUTHORITY	Extension of Aqaba Thermal Plant. Engineering, B.O.P. supply, electromechanical erection of 2 units of 130 MW each. (contract Consortium Engineeirng).	2x130	ABB KRAFTWERKE	75*
EL SALVADOR	C.E.L.	Rehabilitation of Acajutla Thermal Power Plant (units 1 and 2). Subcontractor to Mitsubishi	30/33		16
U.A.E. ABU DHABI	WATER AND ELECTICITY DEPT.	Al Taweelah "B" Thermal Power Plant 6x140 MW and desalination plant 6x12 MGD. Complete electromechanical erection, B.O.P. supply and partial engineering. Contract in consortium with ABB Kraftwerke (Germany), Sixco (Belgium) and Iritecna (Italy).	840	ABB KRAFTWERKE	603*
EGYPT	E.E.A.	Asyut Steam Power Plant 1x320 MW. B.O.P. partial supply and total electromechanical erection. (Contract in consortium with Ansaldo GIE).	320	ANSALDO/ BREDA	49*

COUNTRY	CUSTOMER	DESCRIPTION AND SCOPE STEAM POWER PLANT	MW	MAIN EQPT. MANUF.	AMOUNT (M\$)
EGYPT	E.E.A.	Cairo West Steam Power Plant extention. 2x320 MW. Partial mechanical B.O.P. supply and mechanical erection.	640	SIEMENS/ M.H.I.	52*
IRAN	TAVANIR	Gharb Thermal Power Plant 4x250 MW partial supply and electromechanical erection (Contract in consortium with Sicom, Fochi and Belleli).	1000	M.H.I.	23*
EGYPT	E.E.A.	Damanhour Steam Power Plant 1x320 MW. B.O.P. desing, supply, civil works and electromechanical erection. (Contract in consortium with Ansaldo GIE and Babcock).	320	ANSALDO/ B.W.C.	40,5*
EGYPT	E.E.A.	Suez Steam Power Plant (Unit 4) 1x300 MW. Engineering B.O.P. supply, civil works and electromechanical erection. (Contract in consortium with Siemens).	300	SIEMENS/ STEIN	41,0*
DOMINICAN REPUBLIC	C.D.E.	Itabo II Thermal Power Plant 1x125 MW. Engineering, B.O.P. supply, civil works and erection.	125	G.E./C.E.	31*
EGYPT	E.E.A.	Suez Steam Power Plant (Unit 3) 1x300 MW. Engineering, B.O.P. supply, civil works and electromechanical erection. (Contract in consortium with Siemens).	300	SIEMENS/ FUJI/STEIN	57 *
EGYPT	E.E.A.	Ismailia Steam Power Plant (Unit 4) 1x150 MW. Subcontractor to G.E. for civil works and electromechanical erection.	150	GE./C.E.	30*
ITALY	ENEL	Torvaldaliga Steam Power Plant 2x670 MW. B.O.P. supply and electromechanical erection.	1340	TOSI	20*
EGYPT	E.E.A.	Suez Steam Power Plant (Units 1 and 2) 2x150 MW. Civil works and electromechanical erection, plus management contract direct with E.E.A. on civil contracts.	300	K.W.U./ WAGNER BIRO	27*
IRAQ	S.O.E.	Baghdad South Steam Power Plant 4x55 MW. Engineering, B.O.P. supply, civil works and electromechanical erection.	220	G.E./C.E.	125
EGYPT	E.E.A.	Ismailia Steam Power Plant (Unit 3) 1x150 MW. Subcontractor to G.E. for civil works and electromechanical erection.	150	GE./C.E.	29*
DOMINICAN REPUBLIC	C.D.E.	Itabo I Thermal Power Plant 1x125 MW. Civil works and electromechanical erection.	125	B.B.C./M.T.M.	12*

COUNTRY	CUSTOMER	DESCRIPTION AND SCOPE STEAM POWER PLANT	MW	MAIN EQPT. MANUF.	AMOUNT (M\$)
EGYPT	E.E.A.	Ismailia Steam Power Plant (Units 1 and 2) 2x150 MW. Subcontractor to G.E. for civil works and electromechanical erection.	300	GE./C.E.	32,2*
NIGERIA	N.E.P.A.	Sapele Steam Power Plant 6x120 MW. Engineering, supply, erection of electrical equipment and cabling of the plant.	720	B.B.C/C.E.	16*
CHILE	CHILE EXPL. CO (SANTIAGO)	Tocopilla thermal power plant. Erection of all electrical and mechanical equipment, civil works for the extension of the power plant with two 40 MW steam turbine generator units and two boilers			8,9*
INDONESIA	COSINDIT	Gresik, Thermal power plant Erection of all electrical and mechanical equipment for the thermal power plant with three 8.5 MW steam turbine generator units and 4 boilers	25		31,2*
IRAN	GIE	Dombeh thermal power plant Erection and civil works of the power plant with two 40 MW steam turbine generator units and two boilers	80		9,1*
ITALY	ENEL	Rossano Calabro thermal power plant Erection of the low pressure part of the power plant consisting of four 320 MW steam turbine generator units, erection of the equipment, supply and erection of the steel structures and of the piping	1280		31,7
NIGERIA	NEPA - NATIONAL ELECTRIC POWER AUTH	Sapele steam power plant (contract SPS/SMN 3996 - 6/09) - engineering, materials supply erection of electrical equipment and cabling of the steam power plant with 6x120 MW steam, turbine generator units	720		27,2*

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HYDRO POWER PLANT LIST OF REFERENCES

COUNTRY	CUSTOMER	DESCRIPTION AND SCOPE HYDRO POWER PLANT	MW	TURBINE MANUF.	AMOUNT (M\$)
ETHIOPIA		Fincha hydroelectric project: supply and erection of auxiliary electromechanical equipment (except machines for an hydroelectric power plant with 3 generators 35.000 kva capacity each. Erection of the overhead travelling crane of 90 tons and intake gates,			1,6
GHANA	VRA - VOLTA RIVER AUTHORITY (ACCRA)	Kpong hydroelectric project contract K8 A-B: supply, mechanical and electrical erection of gates and power plant services 4x40 MW	160 MW		17,4
GHANA	IMPREGILO	Akosombo hydroelectric power station: electrical and mechanical installation of the power station equipped with francis turbine 6x 128 MW	768 MW		23,1
IVORY COAST	GIE/IMPREGILO	Kossou bandama river 3x 65 MW hydroelectric power plant: electrical and mechanical installation of the complete power plant including francis turbines, generators, tunnel steel liners gates, auxiliary services	195 MW		10,8
IRAN	IGL/KGT	Dez hydroelectric power plant 2 x 72 MW. Electrical and mechanical installation of the complete power plant, including francis turbines generator, 4 penstockes, spillway gates, substations, auxiliary services	144 MW		19,0
KENYA	TRDC - TANA RIVER DEV CO.	Gitaru hydroelectric power plant 2x 75 MW: supply and erection of power plant services and electrical substations	150 MW		8,0
NIGERIA	NEPA - NATIONAL ELECTRIC POWER AUTH	Extension of kainji hydro electric power plant: materials supply and erection of electrical auxiliaries of the power house, units 11/12 and erection of 330 KV substation extension	220 MW		3,6
NIGERIA	NEPA - NATIONAL ELECTRIC POWER AUTH	Extension of kainji hydro electric power plant: materials supply and erection of electrical auxiliaries of the power house, units 5/6 and erection of 330 KV substation extension	260 MW		4,5

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T&D LIST OF REFERENCES

COUNTRY	CUSTOMER	DESCRIPTION AND SCOPE T&D	CAPACITY	MAIN EQPT. MANUF.	AMOUNT (M\$)
ALGERIA	SONELGAZ	Skida substation: complete erection and supply of part of the electrical equipment and related civil works.	220/150/ 60 KV		2,5
IRAN	PORT AND SHIPPING ORGANIZATION	Port of Bandar Abbas high and low voltage electrical distribution.			50,8
ALGERIA	SONELGAZ	Algeria west substations Tiaret, Tlemcen, Relizane Mostaganem, Sidi Bel Abbes, Zahana, Petit Lac: engineering, supply of materials, civil works and erection.	225/63/ 33KV		47,6
ALGERIA	SONELGAZ	Rural electrification in Kabiliye area and Sahara area: design, supply of materials and erection of four 350 KMS - 30 KV Overhead transmission lines and 250 KMS low voltage overhead line including 20.000 connections	30KV		9,7

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OIL & GAS LIST OF REFERENCES

COUNTRY	CUSTOMER	DESCRIPTION AND SCOPE & GAS	OIL	CAPACITY	MAIN EQPT. MANUF.	AMOUNT (M\$)
ALGERIA	ABB Process Solutions	Zina, Ourgla & Hassi R'Mel Gas Compression Extension - Engineering Project Management and Material Supply			GE	3,4
ALGERIA	SONATRACH	Five natural gas compression stations of Hassi r'mel - arzew gz 2-40" gasduct: civil works, mechanical and electrical erection, supply of materials excluding compressor units for five compressor station located at: Tinzrhet, M'seka, Medarreg, Djebelnador,				141,1
ALGERIA	SONATRACH	Five natural gas compression stations of Hassi r'mel - arzew gz 3-42" gasduct: civil works, mechanical and electrical erection, supply of materials excluding compressor units for five compressor station.				197,2
ALGERIA	SONATRACH	Two natural gas compressor stations of Hassi r'mel - arzew gz 1-40" gasduct: partial execution of civil works, mechanical and electrical erection for two compressor stations.				52,0
ALGERIA	SONATRACH	Terminal depart Hassi r'mel - filtration, regulation and metering in main gas gathering center at Hassi r'mel: engineering, supply of equipment and materials civil works mechanical, piping, instrumentation and electrical erection.				67,2
ITALY	GARRONE SPA - ITALY	Arquata Scrivia storage plant: supply and construction of storage tanks with fixed and loading roofs with a capacity of up to 30,000 cubic meters and cup spherical tanks of 2,000 cubic meters capacity, interconnecting piping, civil engineering and off-sit		30.000 C/M 2,000 C/M		17,2
ITALY	GARRONE SPA- ITALY	Oil stockage of Genoa Bolzaneto: design, supply and erection of 10 tanks for a total stockage with a capacity of 120,000 cubic meters, pumping stations and interconnecting piping.		120,000 C/M		17,2

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INDUSTRY LIST OF REFERENCES

COUNTRY	CUSTOMER	DESCRIPTION AND SCOPE INDUSTRY	CAPACITY	MAIN EQPT. MANUF.	AMOUNT (M\$)
ALGERIA	SONIC-SOC. NAT.INDUS. CELLULOSE	Contract 7399 - Mostaganem chlorine, caustic soda, hydrochloric acid, sodium hypochlorite and sodium chlorite chemical plant: engineering, supply of part of the equipment and of complementary materials, civil works and erection.			11,1
ALGERIA	SONATRACH	Arzew formaldeyde, formurea, glue resins plant: supply of complementary materials and complete erection.			10,0
ITALY	ITALSIDER TARANTO	Taranto steel plant: detailed engineering, materials supply and installation of the auxiliary fluids network, complete installation of the underground piping system including cellars for the new steel plate mill			8,5
ITALY	EURALLUMINA SPA ITALY	Portovesme alumina production plant: erection of piping and equipment for precipitation of alumina and digestion bauxite grinding. Prefabrication of piping and supply of special fittings	5,500 M/T		8,4
ITALY	ISHIKAWAJIMA HARIMA JAPAN	Portovesme alumina production plant: prefabrication and erection of 60 tanks for the alumina precipitation complex with 32 agitators and related motors. Production of 600,000 metric tons/year. Total weight 7,300 metric tons.	7,300 M/T		4,3
ITALY	S.E.N.N. - SOCIETA' ELETTR NUCLEARE NAZIONALE	Garigliano nuclear power plant - erection of electrical equipment, main and auxiliary electrical system (including nuclear section), grounding and lighting for the power plant and related transformer station with 2 transformers 15/220 KV-190 MVA	150 MW		6,2

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INFRASTRUCTURE LIST OF REFERENCES

COUNTRY	CUSTOMER	DESCRIPTION AND SCOPE INFRASTRUCTURE	CAPACITY	MAIN EQPT. MANUF.	AMOUNT (M\$)
EGYPT	GENERAL ELECTRIC	Egypt air engine shop Cairo International Airport: design, supply and installation of electromechanical systems rehabilitation of existing building (civil works)			3,9
EGYPT	C.W.O. - CAIRO WATER ORGANIZATION	Rehabilitation of major pumping stations (as part of rehabilitation and expansion of the Cairo wastewater system) civil works, electromechanical erection of 8 pumping stations total number of pumps: 38 total flow of output: form 2.4 cu.m/sec to 10.8 cu.m			5,2
ITALY	MINISTERO DEI LAVORI PUBBLICI	Roma - Fiumicino "Leonardo da Vinci" International Airport - H.I. And M.I. Approach lighting system at n. 2 extension and n. 3 main Runways - Sequenced flashing approach lighting visual approach slope indicator system			5,1
ITALY	MINISTERO DEI LAVORI PUBBLICI	- H.I. and M.I. Lighting System at N. 1 and N. 2 main Runways - Sequenced flashing approach lights - Visual approach			8,2
KENYA	MINISTRY OF PUBLIC WORKS (NAIROBI)	Nairobi international airport: electromechanical work of passenger terminal and control block including: - Light and power system - Public address system Electromechanical work and illumination system of taxiway and aprons roads and parking roads, all external services, main services builing, airfield lighting substations and remote receiverstation, telephone system (pabx and pax) no-break supply and fire			12,0
SAUDI ARABIA MODA	HOCHTIEF	Jeddah international airport - design, supply and installation of electrical and mechanical works for the utility buildings. Mechanical scope comprises chilled and condenser water piping, chillers cooling towers, air conditiong system, fire protection sy			118,5

COUNTRY	CUSTOMER	DESCRIPTION AND SCOPE INFRASTRUCTURE	CAPACITY	MAIN EQPT. MANUF.	AMOUNT (M\$)
SAUDI ARABIA MODA	HOCHTIEF	Haj terminal complex new Jeddah international airport - support area modules A, B, C, D, power supply, distribution lighting in office buildings, toilets, souks, ventilation towers, obstruction and apron lighting. Terminal area modules A, B, C, power supp			28,6
SAUDI ARABIA MODA	HOCHTIEF	Outside cable plant-phase new Jeddah international airport - design, supply and installation of 1000 km of 15 kv and 5 kv cables, 5500 splices, 900 end termination, 70 km of ground conductor shor circuit study for hthe networks area served load centers	1000 KM		29,5
SAUDI ARABIA	UNIVERSITY OF RIYADH (RIYADH)	Central utilities complex supply and erection of part of the electrical and mechanical plant main contractor: Megas consortium formed by: Marelli, Aermarelli, Genghini, GIE, SICOM, MAC and SADELM I COGEPI.			2,7
SAUDI ARABIA	HOCHTIEF	Jeddah international airport - design, supply and installation of 500KM of 15 kv and 5 kv cables, 1000 splices, 1200 end terminations, 42 km of groud conductor -			26,1
SAUDI ARABIA	CIVIL AVIATION DEPART MIN. OF DEFENSE	Dhaharan International Airport - Materials supply, civil works and erection of the power plant with 2x25 MW GE gas turbine generator units and power distribution modernization of airport network	25		93,6
TANZANIA	MINISTRY OF PUBLIC WORKS KILIMANDJARO	Kilimandjaro "Arusha" international ariport: H.I. AND M.I. Lighting system at the main runway sebquenced flashing approach lights visual approach slope indicato system (VASIS) H.I.ry lighting main parallel runway touch-down lighting.			3,4
ZAIRE	RESIDESO - REGIES DES DISTR. D'EAU	Water supply system in Kananga and M'bandaka towns Water intake, water treatment plant, intake and network feeding pumping stations, pipelines from intake t			20,1

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SUBSTATION LIST OF REFERENCES

COUNTRY	CUSTOMER	DESCRIPTION AND SCOPE SUBSTATION	CAPACITY	MAIN EQPT. MANUF.	AMOUNT (M\$)
BAHRAIN	MINISTRY of ELECTRICITY & WATER (M.E.W.)	Al Hidd II Extension of an existing 220kV G.I.S. Substation.	9 GIS Bays		13,0
QATAR	Q.E.W.C. (Qatar Electricity & Water Corporation)	Ras Abu Fontas B1 Extension of an existing 220kV G.I.S. Substation. Design supply and erection of 220kV GIS bay including protection system, replacement of the existing electrical	5 GIS Bays	ABB HV Technologies	12,0
IRAN	FAJR Petrochemical Company	BIOC Cogeneration Plant Design and supply (erection by client) of a complete 132kV GIS substation MV/LV distribution board including protection and electrical DCS. Design of all civil works related to the plant.	32 GIS Bays	AREVA T&D	14,0
QATAR	Q.G.E.W.C. (Qatar General Electricity & Water Corporation)	Ras Abu Fontas B Design, supply and erection of 220kV G.I.S substation and M.V. Distribution SWGR complete of protection and electrical DCS systems.civil works	19 GIS Bays	ABB HV Technologies	30,0
BAHRAIN	MINISTRY of ELECTRICITY & WATER (M.E.W.)	ED Link Design and supply of 2 autotransformers 315MVA + HV cables + 220 kV bays + reactors + SCADA + civil works + erection + commissioning	-	ABB HV Technologies	30,0
U.A.E. ABU DHABI	WATER AND ELECTRICITY DEPT.	Al Taweelah "B" Design, supply and erection of 132kV GIS S/S including protection systems.	18 GIS bays	ABB Calor Emag	16,0
BAHRAIN	ALBA - Aluminium Bahrain	PS3 132 kV GIS - design, supply, civil works, erection	33 GIS bays	ABB HV Technologies	22,0
ALGERIA	SONELGAZ	Skida substation: complete erection and supply of part of the electrical equipment and related civil works.	220/150/ 60 KV		2,5
IRAN	PORT AND SHIPPING ORGANIZATION	Port of Bandar Abbas high and low voltage electrical distribution.			50,8
ALGERIA	SONELGAZ	Algeria west substations Tiaret, Tlemcen, Relizane Mostaganem, Sidi Bel Abbes, Zahana, Petit Lac: engineering, supply of materials, civil works and erection.	225/63/ 33KV		47,6
ALGERIA	SONELGAZ	Rural electrification in Kabiliye area and Sahara area: design, supply of materials and erection of four 350 KMS - 30 KV Overhead transmission lines and 250 KMS low voltage overhead line including 20.000 connections	30KV		9,7