
REFERENCES

Services for Medical Engineering



AUSTROPLAN
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Client Country	Project	Year
IMI Integrated Medical Industries Ltd. Port Harcourt Rivers State NIGERIA	Parenteral Solution Production Plant Design, engineering, supply and implementation of complete process machinery and equipment of a turnkey production plant for infusion solutions, ear- eye- and nose drops as well as ampoules for injectables. Plant capacity 87,000,000 litres per year.	2012
Groupe El Ezdihar Sousse TUNISIA	IV Solution Production Plant Design, engineering and supply of main process machinery and equipment for a Greenfield turnkey production plant for infusion solutions. Plant capacity 8,000,000 pouches per annum.	2011
Medical Suppliers Ltd Baku AZERBAIJAN	Parenteral Solution Production Plant Greenfield project for a production plant for IV solutions and dialysis solutions. Plant capacity 16,000,000 pouches (500 ml) per year and 750,000 dialysis canisters (5l) per annum.	2008
PAHF Pan African Health Foundation River State NIGERIA	AD Syringes Production Plant Design, engineering and supply of production machinery and equipment for a turnkey production plant for AD-syringes (0.5; 1; 2; 5 ml). Plant capacity 160,000,000 units per annum.	2007
OLO Olo Solutions Company Omsk RUSSIA	Parenteral Solution Production Plant Design, engineering and supply of main process machinery and equipment for a Greenfield turnkey production plant for infusion solutions. Plant capacity 6,000,000 pouches (400 ml) per annum.	2006
NIKYAM Co. S.A. KwaZulu-Natal SOUTH AFRICA	Production Plant for AD-Syringes Turn-key project engineering for a AD-syringes production plant. Plant capacity 140 million units per annum	2005

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TURKTIPSAN A.Ş. Ankara TURKEY	Parenteral Solution Production Plant Design, engineering and supply of all process machinery and equipment and implementation of a turnkey production plant together with a Turkish contractor for civil construction. Plant capacity 9,000,000 litres per year.	2005
Medic Vital Industrie SA Sousse TUNISIA	Infusion Solution Production Plant Design, engineering and supply of all process machinery and equipment, training of personnel, supervision of erection and start-up for a factory with an initial annual capacity of 750,000 l, prepared for future extension of the plants production capacity to 2,500,000 l/a	2003
Tyco Healthcare Neustadt / Donau GERMANY	Production Plant for Inhalation Solutions Engineering, supply and commissioning of process machinery, pharma piping, raw material and utilities supply for 3 bottel-pack-installations in cooperation with Messrs. SAV, Germany; max. plant capacity 3,000 l/h	2002
Nycomed Amersham Linz AUSTRIA	Infusion Solution Production Plant Design, engineering, supply and commissioning of process machinery, equipment and pharma piping in cooperation with Messrs. SAV, Germany, plant capacity: 1,000 l/h	2001
Dr. Madaus GmbH Wasserburg GERMANY	Production Plant for Injectabilities Engineering and supply of process machinery and piping for three production lines in co-operation with SAV, Germany, plant capacity: up to 20,000 ampoules/h	2001
Gulf Manufacturing Company Ltd Riyadh SAUDI ARABIA	Infusion Solution Production Plant Engineering and supply of all production machinery and equipment, training of personnel, supervision of erection and start-up, technical assistance for a factory with an annual production capacity of 2,700.000 litre of different solutions	2000

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District Hospital Wels AUSTRIA	Parenteral Solution Production Plant Engineering, supply and commissioning of production machinery and equipment for parenteral and infusion solutions in co-operation with Messrs. SAV, Germany; annual production capacity approximately 3,000,000 litre	1998
Hindustan Syringes & Medical Devices Ltd INDIA	IV-Catheter Production Plant Product design and plant engineering services for the production facilities for the fully automatic manufacture of intravenous catheters with in-line quality control system in cooperation with Messrs. Kahle, Italy	1997
Zaria Pharmaceutical Company Limited NIGERIA	Medical Device Complex Production assistance and maintenance services for a factory manufacturing disposable medical devices over a period of 2 years	1996
District Hospital Bad Ischl AUSTRIA	Infusion Solution Production Plant Engineering and supply of production machinery for infusion solutions in cooperation with Messrs. SAV, Germany; plant capacity: 1,000 l/day	1996
Ministry of Health & Social Development Kaduna State NIGERIA	Turn-key Pharmaceutical Complex Engineering, supply, training of personnel, erection and commissioning for a production plant for 135 million disposable syringes per annum as well as parenteral solutions and other pharmaceutical products, including consumables and primaries for 1 year and spare parts for 2 years	1994
Children Hospital Kiev UKRAINE	Parenteral Solution Production Plant Supply and installation of production machinery and equipment for infusion solutions and other pharmaceutical products in co-operation with Messrs. SAV, Germany; plant capacity: approximately 1,500,000 l/a	1994
Artsana S.p.a. Casnate c.Bernate ITALY	Intravenous Catheter Production Plant Supply of fully automatic assembly machinery and equipment in cooperation with Messrs. KAHLE, Italy; capacity: approximately 3,000 units per hour	1994

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Arzneimittelwerke Dresden GERMANY	Pharmaceutical Solution Plant Engineering assistance to Messrs. SAV, Germany for the supply of distilling equipment and the product piping system for injectables	1993
Chirana-Prema S.A. Stara Tura SLOVACIA	Disposable Syringes and Hypodermic Needles Machinery and equipment for the production of 200 million disposable syringes and hypodermic needles per annum; supply of production machinery including quality control laboratory, ETO-gas sterilization and clean room facilities in co-operation with Messrs. IIE, Germany	1992
Ministry of Health Niger State NIGERIA	Rural Hospitals and Medical Store Technical assistance and maintenance services for two rural hospitals (80 beds) and one central medical store	1992
State Pharmaceutical Institute Erewan ARMENIA	Production Plant for Disposable Syringes Pre-investment study and engineering for a production plant of 90 million disposable syringes per annum	1992
UNIDO Vienna AUSTRIA	Pharmaceutical Complex Pre-investment study and financial analysis for the Shahid Modarves Industrial Pharmaceutical Complex in Iran	1991
Medicor Deprezen HUNGARY	Hypodermic Needles Machinery and equipment for the production of hypodermic needles, including plastic components handling and transfer system as well as inprocess quality control facilities	1990
Ministry of Health Niger State NIGERIA	Turn-key Rural Hospitals and Medical Store Engineering, supply, training of personnel, erection and commissioning of technical facilities, medical and laboratory equipment of two rural hospitals and one central medical store; supply of primaries, consumables, spare parts and tools for maintenance	1990
UNIDO Vienna AUSTRIA	Production Plant for Disposable Syringes Pre-investment study for a production plant for disposable syringes in the Philippines	1990

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Shafa Syringe Co. Farzan IRAN	Disposable Syringe Production Plant Engineering, supply and installation of production machinery and equipment for 50 million syringes per annum	1990
Municipality Vienna Wien AUSTRIA	General Hospital Vienna Engineering services and supervision of erection of the Vienna general hospital complex comprising of 40 University Clinics with 2,200 beds	1989
Ministry of Health Niger State NIGERIA	Rural Hospitals and Infusion Plant Maintenance services for one general hospital (120 beds), two rural hospitals (40 beds), five operating theatres and one infusion plant over a period of 2 years	1988
Techmashimport Moskau RUSSIA	Infusion and Transfusion Sets Machinery and equipment for the manufacture of infusion and transfusion sets as well as other disposable medical devices; supply of special product handling system	1987
Ministry of Health Minna NIGERIA	Turn-key Parenteral Solutions Plant Engineering, supply, erection, start-up and commissioning of the complete production plant for different infusion solutions, including supply of primaries, consumables, drugs and spare parts	1986
Ministry of Health Niger State NIGERIA	Rural Hospitals and Infusion Plant Engineering, supply, training of personnel, erection and commissioning of technical facilities, medical and laboratory equipment of one general hospital, two rural hospitals, five operating theatres and one infusion plant at different locations in the Niger State; supply of primaries, consumables, drugs and spare parts	1986
Yazd Syringe Co. Shahrak Santi Yazd IRAN	Production Plant for Disposable Syringes Machinery and equipment for the manufacture of 35 million disposable syringes per annum, complete with raw material transport system, EOgas sterilization facility, clean room application; product range: 1 ml, 2.5 ml, 5 ml and 10 ml	1985

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Medical Supply GHANA	Production Plant for Disposable Syringes Turn-key plant for the manufacture of 40 million disposable syringes per annum of the sizes 2 ml, 5 ml and 10 ml; supply, installation, commissioning, periodical technical assistance	1983
Instrumentaria Zagreb YUGOSLAVIA	Infusion and Transfusion Sets Machinery and equipment for the manufacture of 25 million infusion and transfusion sets per annum; supervision of erection, commissioning and technical assistance for 6 months	1982
Iran Syringe Isfahan IRAN	Production Plant for Disposable Syringes Machinery and equipment for the manufacture of 60 million disposable syringes per annum, including ETO-gas sterilisation system and quality control	1980
Famed-Milandwek POLAND	Disposable Syringes Machinery and equipment for the manufacture of 140 million disposable syringes and other disposable medical devices per annum; supply of injection moulding machines, assembling machines, packaging machines as well as sterilizing system (ETO-gas)	1980
J.K. Industries Nairobi KENYA	Production Plant for Disposable Syringes Supply of turn-key plant for the manufacture of 30 million disposable syringes and general technico-medical articles (pipettes, etc.) per annum; supervision of erection, production and maintenance assistance for 3 years	1976
Weplast Caracas VENEZUELA	Production Plant for Disposable Syringes Supply of turn-key plant for the manufacture of 120 million disposable syringes per annum of the sizes 2.5 ml; 6 ml; 12 ml and 20 ml	1975
Techmashimport Leningrad RUSSIA	Production Plant for Disposable Syringes Supply of machinery and equipment for the production of two part syringes	1973



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