

CONTRIBUTING TO \_\_\_

WORLD HEALTH

















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# MESSAGE

For almost 17 years, Protechnique Healthcare has been in the international healthcare market with the invariable goal of creating optimum healthcare facilities where we provide counselling and a pool of healthcare services.

Protechnique Healthcare assists clients in delivering high-caliber, integrated solutions for infrastructure and operation of healthcare facilities.

From planning through design to selection and delivery of equipment to construction, Protechnique Healthcare covers the full sphere of healthcare services. Smart thinking is the approach Protechnique Healthcare always takes through the entire life span of a project where cost effectiveness, timely delivery, high quality and risk management are the goals of our business.





# ABOUT US

# Protechnique Healthcare

### Making a better life for individuals and communities in 23 countries Worldwide

- Wholly-owned by its staff
- International network of professional and technical consultants
- Engineering, project management and equipment supply
- Operating in 23 countries around the world
- SGS certified international standards:
  - ISO 14001:2004 Practice Quality Management System
  - ISO 9001:2008 Environmental Management System
  - 18001:2007 Safety System

### We have a reputation for innovation, safety and sustainable development

Protechnique Healthcare is part of Protechnique Ltd, providing engineering, project management and equipment supply services to medical establishments in 23 countries around the world. Wholly-owned by its staff, Protechnique Healthcare is focused on client success and partners

> Making a better life for individuals and communities in 23 countries Worldwide



with elite firms, NGOs, multilateral agencies and governments to achieve mutual goals. We are an international network of professional and technical consultants that collaborate to solve client and community challenges. Our team of engineers, architects, planners, scientists, project managers and economists embraces the core values of Teamwork, Respect and Integrity to create enduring relationships that deliver exceptional results. Protechnique Healthcare is known for innovation, safety and sustainable development and has a track record of adapting to the ever-changing needs of its clients. We care for the wellbeing of our people, the communities and the environments in which we operate.

Protechnique Healthcare operates under a Practice Quality Management System that is certified by SGS Quality Assurance to international standard ISO 9001:2008 and our Environmental Management System is certified to international standard ISO 14001:2004 by SGS. Our safety system 18001:2007 is certified by SGS as well.















**HOW WE WORK** 



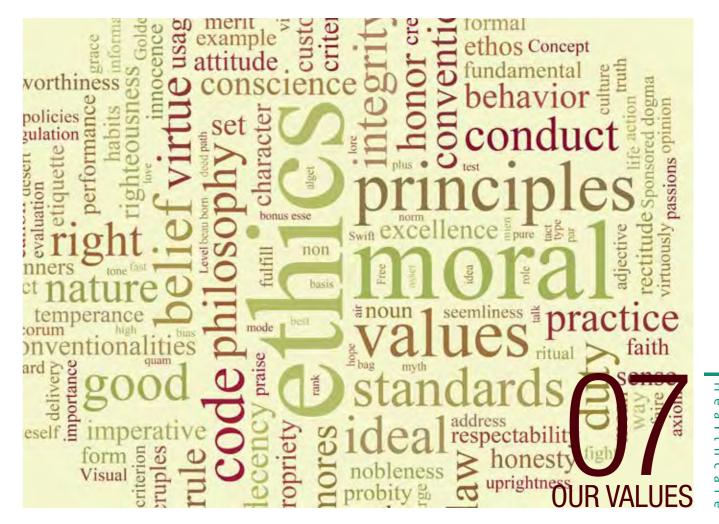
- · Individual skills, collective strength
- Funded by international development agencies or by clients
- In-house and consultant/specialist expertise
- Cost-effective purchase and delivery

We use our own expertise, and also draw upon resources from other companies. Organizations and individuals from around the world supplement our input in areas of activity needing particular attention. Increasingly, to integrate fully within national economies, we form companies and associations within client companies.

# Individual skills, collective strength

Our team of specialists provides specific skills that can help our clients in particular ways. Collectively, these skills add value to the work we do by saving time, effort and money. This is especially useful in managing projects that require us to coordinate many types of input: technical skills, equipment, commodities, staff, training, financial administration and information technology. Our clients know that every project we handle is being managed in the best possible way, with all its elements in place, and with a guaranteed result in view.

We see the big picture and work collaboratively to manage all the tiny details



## OUR VALUES

- Excellence in all aspects of our business
- Commitment to our clients' interests
- Adding value through innovation
- Integrity in relationships
- Open and respectful communication

Protechnique Healthcare is committed to assisting all clients in meeting their most important goals: Quality, Budget, Schedule, Specifications and Safety.

# We are able to achieve this through our core values:

### Deliver Our Rest:

We deliver our best by doing the basics of our business superbly well with responsiveness and dedication.

### **Commitment:**

We are committed to acting in the best interests of our clients and of each other.

### Creativity:

We distinguish ourselves in the market-place by adding value. We are flexible and innovative in our approach with our clients and with each other.

### Integrity:

We value fairness, honesty, and respect in our relationships with our clients and with each other.

### **Communication:**

Our ability to live our values is dependent on open and respectful communication in all that we do.



# **United Nations** Global Compact

# We adopt the Global Compact ten principles as part of the way we work. These are given as below:

Principle 1: Businesses should support and respect the protection of internationally proclaimed human rights; and

Principle 2: make sure that they are not complicit in human rights abuses.

### **Labour Standards**

Principle 3: Businesses should uphold the freedom of association and the effective recognition of the right to collective bargaining;

Principle 4: the elimination of all forms of forced and compulsory labour;

Principle 5: the effective abolition of child labour; and

Principle 6: the elimination of discrimination in respect of employment and occupation.

We support and abide by The Global Compact ten principles and integrate them into our work.

### Environment

Principle 7: Businesses should support a precautionary approach to environmental

Principle 8: undertake initiatives to promote greater environmental responsibility; and

Principle 9: encourage the development and diffusion of environmentally friendly technologies.

### **Anti-Corruption**

Principle 10: Businesses should work against corruption in all its forms, including extortion and bribery.





# WHO WE ARE

- Protechnique Healthcare is a subsidiary of Protechnique Ltd.
- Solid financial backing: World Bank, United Nations agencies, regional development banks, plus bilateral worldwide donors
- Healthcare, soft, technical and engineering skills for projects
- Technical assistance, consultancy and training
- Aim: to reduce poverty, improve health and increase prosperity

Protechnique Healthcare is a subsidiary of Protechnique Ltd.

Protechnique Healthcare is an international development company committed to global health sector development and growth.

We hold expertise in healthcare, technical, engineering and soft skills which help governments and multilateral agencies to implement long term projects and achieve targets.

Our procurement, engineering and supply chain services, along with solid financial backing, help ensure that wealth generated is spent or invested for the good of all. Through technical assistance, consultancy and training, we help to reduce poverty, improve health and increase prosperity.

> We are committed to the growth of the global health sector and provide procurement, engineering and supply chain services for healthcare facilities

We work in partnership with multilateral agencies such as the World Bank, United Nations agencies and regional development banks, in addition to bilateral worldwide donors.

In collaboration with local governments, we make a difference and adopt a professional international approach combined with local understanding.

We operate at all times to the highest standards of integrity and transparency. Our mission is to be internationally recognized by our clients as a leading partner in their development.





# BUSINESS SEGMENTS

- Engineering and consulting for international development
- Serving UN agencies, Development International Banks, ministries, governmental departments, universities, NGOs and private corporations
- Procurement and supply chain management for healthcare facilities
- Storage hubs and distribution to remote locations

# We are focused on global development in Asia, Africa and East Europe

Our people have the passion to sort out challenging issues in the developing markets With 17 years of knowledge and a group of highly talented professionals, we are one of the most experienced and trusted international development engineering and consulting firms focusing on Asia, Africa and West Europe region. Our client cluster includes:

- UN agencies
- Development International Banks
- Domestic and foreign governmental ministries, departments and units as well as a number of foundations, universities, nongovernment organizations (NGOs) and private corporations.

Protechnique Healthcare applies in-depth knowledge and experience to address the tough challenges facing communities worldwide.



### We support our clients by:

- Thoroughly understanding procurement guidelines, and building on them at every stage of the supply chain process for international development agencies and partners
- Knowing exactly what our clients need, and what works best in each situation
- Maintaining a scale of procurement that ensures best pricing and delivery
- Assisting clients to redesign and implement secure, sustainable and cost-effective systems, including managing medical stores and distribution to even the most remote health care facility.
- As consultants, advisers, procurement agents or executive managers, we transform health supply chains in accordance with each client's preference and needs.
- Attesting to the quality of essential supplies through rigorous inspection and quality control procedures
- In collaboration with our global partners, we maintain emergency stock of various medical equipment and consumables at our warehouses in Jordan and Italy to function as distribution hubs, ready to respond to any global humanitarian health crisis.

We work closely with UN agencies to support their goal of international action to promote economic and social progress. We fully understand that these specialized agencies work for global development in the economic, social, scientific and technical fields and we value the standards of multilateral agencies.

### Specific global agencies where Protechnique Healthcare is in business interaction are:

- UNICEF: United Nations Children's Fund
- UNDP: United Nations Development Programme
- UNEP: United Nations Environment Programme
- UNFPA: United Nations Population Fund
- UNRWA: United Nations Relief and Works Agency for Palestine
- UNHCR: United Nations High Commissioner for Refugees
- UNOPS: United Nation Office for Project Services
- ILO: International Labour Organization
- FAO: Food and Agriculture Organization of the United Nations

- UNESCO: United Nations Educational, Scientific & Cultural Organization
- WHO: World Health Organization
- WB: World Bank Group
- World Bank
- IFAD: International Fund for Agricultural Development
- UNIDO: United Nations Industrial Development Organization
- UNAMI: United Nation Assistance Mission for Iraq
- UNAMA: United Nation Assistance Mission for Afghanistan
- Asian Development Bank

# QUALITY

protechnique Healthcare

- Quality policies in line with ISO 9001:2008
- ISO 18001:2004- Occupational Health and Safety (OH&S) Policy
- ISO 14001:2007 Environmental Policy

### IS09001:2008

We are committed to the highest and finest standards by implementing ISO9001:2008 procedures and systems. Quality policies are the backbone of any organization, and Protechnique has been quick to recognize that these are vital for its success. It has thus adopted these policies and defined them in line with the requirements of International Standard Organization (ISO).

# Protechnique Healthcare being approved to be an ISO9001:2008 quality for the scope below:

- Design and project management services covering engineering areas; electrical, mechanical, healthcare, water and IT
- Supply Chain Management including Procurement and Selection of Medical, Electrical, water, mechanical and IT Equipment

We are committed to the highest standards of quality and work towards a safe and sustainable world.

We are committed to the highest standards of quality and work towards a safe and sustainable world



### ISO 18001:2004- Occupational Health and Safety (OH&S) Policy

Occupational Health and Safety of Protechnique's employees are a prime concern and important objective. We are conscious of our responsibility for creating, maintaining and ensuring safe work practices; reduce hazards to health and safety through application of technology and safe work practices for sustainable development.

### Aim to achieve it by:

- Implementing a formal Occupational Health and Safety Management System in accordance with OHSAS 18000:2008.
- Ensuring that it is appropriate to the nature and scale of organization's OH&S risks.
- Following safe work practices, preventing injury and ill health, and continually improving the effectiveness of the system.
- Complying with legal and other requirements as applicable, and taking any additional measures considered necessary.
- Outlining and setting OH&S objectives, targets and programs and monitoring and reviewing the objectives to improve performance.
- Documenting procedures and instructions that are required to implement and maintain the OH&S Policy.
- Communicating to all personnel working under the control of the organization to create awareness of their individual OH&S obligations.
- Making the OH&S policy available to all interested parties (within the organization, and to clients, contractors, Government bodies and the public).
- Defining the training and competence required to prevent occupational hazards.
- Carrying out periodic reviews of the policy to ensure that it remains relevant and appropriate to the organization.



### ISO 14001:2007 Environmental Policy

The Environmental Policy of the company is to conduct its business in a manner that conserves the environment and minimizes pollution. We accept our responsibility to limit and mitigate any potential adverse impact of our operations on the environment. This is achieved as below:

- Implementing a formal Environmental Management System (EMS) in line with ISO 14001:2004.
- Ensuring that it is appropriate to the nature, scale and environmental impact of its activities, products and services.
- Committing to the prevention of pollution, and continual improvement of EMS.
- Complying with applicable environmental legal requirements and other environment related requirements.
- Providing the framework for setting and reviewing environmental objectives and targets.
- Documenting the policy, procedures and instructions that are required to implement and maintain the Environmental Policy.
- Communicating to all personnel working under the control of the organization to create awareness of their individual EMS obligations.
- Making the Environmental Policy available to all interested parties within the organization, and to clients, contractors, Government bodies and the public.
- Outlining the training and competence required to achieve conformance with Environmental Management System.
- Carrying out periodic reviews of the policy to ensure that it remains relevant and appropriate to the organization



# ACCREDITATION



# Protechnique is a member of SEFA

The Scientific Equipment and Furniture Association (SEFA) was organized in 1988 to meet the needs of an important industry of lab designers and manufacturers of laboratory furniture.

SEFA's members work closely with laboratory owners, architects, contractors and others to advance the goal of creating a safe lab environment

SEFA takes a leadership role in advancing the cause of good healthcare facility planning. SEFA's member-directed package of services reflects the importance attached to cost-effective construction and delivery, lab space use, safety, productivity and environmental issues

Protechnique would have a better edge of technology and standards by partnering with global healthcare facility recognised SEFA members





# International Federation of Consulting Engineers

# Protechnique is a member of FIDIC

In 2011, Protechnique Ltd being approved as an active consulting member in the global FIDIC association which some 67 member countries worldwide.

FIDIC, the International Federation of Consulting Engineers represents globally the consulting engineering industry. As such, the Federation promotes the business interest of firms supplying technology-based intellectual services for the built and natural environment.

Founded in 1913, FIDIC membership today numbers 89 national Member Associations representing some 1 million professionals

All FIDIC member recommended to follow international contracts and business practice documents, attend the industry's premier international Conference

FIDIC promote the consulting engineering industry's business practice in areas such as international Contracts and agreements, Integrity Management, Quality Management, Environment Management, Project Sustainability Management and Risk Management, FIDIC actively promotes the development of the industry through committees and tasks forces on Sustainable Development and Capacity Building.



# CORE EXPERTISE 1-Planning

Vigilant planning is essential for project success. It takes any project through counted steps into a safe zone. In addition, it ensures that any project is not only completed on time and within budget but fully achieves its intended purpose.

### Conceptual/feasibility planning

When potential capital projects are being contemplated, we define needs, develop a high-level program, test-fit floor plan alternatives, and study critical implementation issues.

- Existing Conditions Assessment
- Strategic Planning Coordination
- Master Plan Program Development
- Master Facility Plan
- Project Scoping & RFP Development
- High-Level Functional Programming
- High-Level Space Programming
- Plan Layouts Test Fit / Concept Plans
- Committee / User Group Facilitation
- · Planning Oversight & Peer Review

We think through and plan all the steps required to complete a project successfully. Our experience enables us to see and deal with problems before they occur.



### Master planning and programming

We provide a wide range of services including existing conditions assessment, strategic & operational planning, master facility plan development, test-fit planning, and many other activities to establish a comprehensive Master Plan. We bring unequaled expertise and work closely with our clients to develop detailed functional and space programs that become the basis for work in the design phase

- Existing Conditions Assessment
  - > Building/ Site/ Infrastructure
  - Services Functional Relationships
- Strategic & Operational Planning
  - Needs Assessment & Visioning
  - Market Analysis
  - Service Demand/ Forecasting
  - Utilization
  - Strategic Coordination
- Master Plan Program (High-Level Functional & Space)
- Master Facility Plan
  - Scenario Planning
  - Service/ Building/ Site Planning
  - > Phasing & Implementation
- Flow Analysis
- Plan Layouts Test-Fit/ Concept Plans
- Committee/ User Group Facilitation
- Planning Oversight & Peer Review
- Code Compliance
- Medical Equipment Planning Management Planning management

We can work in a management role to ensure all pre-design planning activities are coordinated and meet client needs. Services include planning oversight, independent peer review, code compliance, and management of various consultant activities

- Committee / User Group Facilitation
- Planning Oversight & Peer Review
- Code Compliance
- Medical Equipment Planning Management



# 2-Engineering

- Professional, multi-skilled engineering team
- Collaboration to tap our partners' core expertise
- Systematic planning and workflow for project success
- Specialized in Civil and Structural Engineering

Mechanical Engineering, Electrical and Control Engineering, Medical Gas Engineering, Process Engineering.

Our team consists of professional engineers supported by experienced technicians with a depth of knowledge in delivering all aspects of healthcare engineering services such as design layout, contracting and construction supervision.

As most projects require multifarious skills and technical inputs, we\ adopt a corporate policy to utilize our partners' core expertise through a comprehensive collaboration model to achieve project success.

Technical partners might fit to any chip of the whole project riddle to form a seamless operation.





### Specialist areas include:

- 1- Civil and Structural Engineering
  - Civil Ground engineering, piling design, reclamation, water supply.
  - Structural Design of and assessment of structures, foundation design, building repair and refurbishment, machinery and equipment supports, temporary works.
  - Surveying- Building surveying and building regulation approval, building finishes/ specification, capital planning approval, utility surveys, planning applications, structural appraisals, planned maintenance, insurance investigations, adaptation, re-use and conversion, demolition, reclamation.
  - Environmental Environmental assessments, risk analysis and assessment, audits, remediation, effluent and groundwater treatment, process water analysis.



### 2- Mechanical Engineering

- Site surveys, studies, estimates and proposals
- Plant and pipework layouts
- Equipment layout 2 & 3D
- HVAC system
- Pipework isometrics, support schedules and detail
- Stress analysis
- Mechanical equipment specifications
- Mechanical equipment design & detailing
- Construction and installation support
- Operations and maintenance
- Tender documentation, technical analysis and evaluation
- Procurement
- Alliance / termed contracts



### 3- Electrical and Control Engineering

- Feasibility, front end studies & costing
- Site survey of electrical systems, installations and infrastructures
- Electrical distribution detailed design LV / HV
- Preventative maintenance schemes
- System control philosophy
- User requirement specification
- System functional designs specification
- Detailed design of electrical schematics & instruments loop diagrams.
- Programmable controllers (PCs) application software.
- Factory & site acceptance tests of control & instrumentation packages.
- Site engineering management and project commissioning.
- Fully automated schemes for process operations.
- Site wide, power generation schemes and maintained power supply system

Profit from our in-depth knowledge of all aspects of healthcare engineering services Save time and costs while getting effective solutions.



### 4- Medical Gas Engineering

- Bespoke contracts for the delivery, management and maintenance of all medical gases
- Engineering innovative solutions to medical gas delivery
- Upgrade existing medical gas systems to the very latest standards
- Layout and fit outs



### 5- Process Engineering

- Conceptual Design and Feasibility Studies
- Front End Design Studies (Complete with Cost Estimates)
- Flowsheet/ P& I.D. preparation and development
- Process Equipment Selection and Specification
- Process Design Safety, Risk Assessments, Risk Analysis
- Process simulation
- Process design to GMP Standards
- Design of Process Effluent Systems
- Plant Support and Troubleshooting
- Commissioning



# 3-Healthcare Equipment

- We keep you abreast of healthcare technology
- Manage and control purchase, inventory and costs of equipment and furniture
- Plan, commission and install equipment in specialized healthcare departments

The challenge faced by hospital executives today is to gain the management and control required to make effective equipment planning decisions. Implementing the established systems developed by Protechnique Healthcare has facilitated success in this area. The Protechnique Healthcare advantage in equipment planning and procurement management

### 1. Extensive resources

As one of the leading healthcare specialist firms, Protechnique has the ability to handle the complexities of a given project in a timely manner. In order to facilitate this, we have developed sophisticated planning resources:

- a- An extensive equipment library system
- b- equipment prototype/standards
- an on-line computer system with a database of several thousand items of medical equipment, with utility requirements and detailed specifications.

Did you know that equipment represents the third largest investment for a healthcare facility? Protechnique helps you with the planning, procurement and commissioning of healthcare equipment for efficiency, costeffectiveness and productivity

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### 2. Qualified and experienced staff

Our true asset is our staff of equipment planners and operations support personnel. Assignments of project responsibilities to our qualified staff ensure the success of the projects we implement.

### 3. Areas of specialization

- Burn and Plastic
- Medical Furniture
- Consumables
- Operation
- Dental
- Outpatient
- Emergency
- Patient Care
- Laboratory
- Physiotherapy
- Laundry and Kitchen
- Radiology
- Maternity and Child
- Surgical Instruments

Protechnique Healthcare would cover full healthcare services within the departments below:

- Dialysis
- Emergency
- ICU
- Laboratory
- NICU
- Operation Theater
- Outpatient
- Radiology
- Rehabilitation



### Services provided

Medical Equipment Planning

- Review functional program and architectural drawings
- Conduct user group meetings to determine needs
- Identify equipment responsibilities for procurement and installation
- Evaluate existing equipment for reuse Develop Preliminary Requirement List
- Integrate existing equipment into Preliminary Equipment List
- Provide utility requirement data and equipment layouts to architect and engineers
- Conduct equipment evaluations and value analysis
- Perform medical equipment/quality assurance review of Construction Documents
- Develop Final Requirements List and specifications
- Prepare Procurement Package (Owner Purchases)



### **Procurement Management**

- Develop procurement strategy designed to maximize owner's purchasing power
- Develop procurement / bid documents
- Prepare suggested bidders list
- Develop monitoring system to assure compliance with product budget
- Prepare and issue purchase orders
- Review manufacturers' acknowledgements and monitor lead times
- Coordinate final delivery schedules
- Develop receiving procedures
- Coordinate in-service training



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### Commissioning

- Assist with the selection of storage facilities
- Prepare receiving reports and file damage claims
- Provide all labor and equipment necessary to unpack, assemble and install equipment
- Develop color-coding system to facilitate receiving and phasing process

### **Activation and Relocation Planning**

- Develop relocation strategies
- Develop relocation schedules to integrate all relocation activities
- Prepare detailed department move plans
- Establish relocation budget
- Assist with selection of contracted moving vendors
- Provide on-site supervision of relocation activities
- Make recommendations for disposal of residual equipment

### **Training**

- Set up a training plan for technicians to respond to end user requirements
- Protechnique Healthcare is a member of The Scientific Equipment and Furniture Association



# 4-PROJECT MANAGEMENT

- Flexible and responsive project management team
- Collaborative effort with client to reduce costs, induct new technology, optimize resources
- Simple to highly complex projects handled with professionalism and expertise

Protechnique Healthcare's proven project management support techniques provide a framework for project success by managing risks, forecasting problems, controlling time, costs and quality

At Protechnique Healthcare, the use of project management support techniques provides better initial planning and assessment of risks.

This provides a greater chance of forecasting problem areas while there is still time to take corrective action and allows flexibility for alternative modes of operation.

The successful project management service offered by Protechnique Healthcare concentrates on the three prime issues of time, cost and quality, ensuring a coherent structure for managing all three.

Did you know that equipment represents the third largest investment for a healthcare facility?



### **Project Management Support Principles**

The principles behind the successful delivery of on-time projects embrace the following fundamental aspects:

- Providing expert advice from day one
- Setting clear objectives and a defined scope
- Supplying crucial resources where and when required
- Using a structured process for managing risk
- Tight control of budgets
- Management of communications and supply chain relationships
- Performance measurement through key performance indicators
- Delivery of the completed project on time, on budget, as originally intended

Working in collaboration with our clients at an early stage, Protechnique Healthcare has helped reduce costs, provided a flexible and responsive resource and given access to new technologies, skills and the necessary expertise for projects ranging from simple to highly complex.



# FEATURED PROJECTS

Protechnique Healthcare is active in establishing healthcare facilities and managing projects in several countries around the world. Here are a few of them.

# Asia

### Afghanistan - Medical Equipment to various bodies in Afghanistan

As part of a proactive, comprehensive reconstruction and stabilization plan adopted by UNAMA (the United Nations Assistance Mission in Afghanistan), Protechnique Healthcare was the implementation partner for this project with Olympus Medical from Japan as Protechnique global UN project's partner. The task was to handle the supply of Olympus microscopes, accessories and various consumables to the UNAMA compound in Kabul.



Protechnique Healthcare played a role in supporting the UNAMA mission in Afghanistan

# protechnique Healthcare

### Iraq - Rehabilitation of Takrit General Hospital

The 400-bedded Takrit General Hospital in Iraq suffered damages due to war. As part of the reconstruction efforts, Protechnique Healthcare was contracted by the Government of Japan in joint venture with UNDP to undertake the supply, delivery and installation of General Facilities, Medical Facilities and Medical Equipment at Takrit General Hospital, Iraq

Sample installations: 6 Transformers of 1000 kva capacity each - Takrit Hospital, Iraq







3 Thermax type Boilers with a capacity of 3510 KW each -Takrit Hospital, Iraq (400 beds)



### Iraq - Rehabilitation of Kitchen Facilities, Takrit General Hospital

Protechnique Healthcare was contracted by the Government of Japan in joint venture with UNDP to rehabilitate the kitchen divisions of the Takrit General Hospital in Iraq.





Before: Unworkable and burnt out cooking ranges and damaged tiles and equipment





After: Completely refurbished kitchen with fresh tiles and modern, hygienic and efficient kitchen equipment, supplied and installed by Protechnique Healthcare

Protechnique Company is the contractor for the Project of "Rehabilitation of Takrit General Hospital, Salahaddin Governorate, Iraq (IRQ10- P/AM/241/08) as part of UNDP project.

The contractor's works had commenced February 2009 and little remained to do at present March 2010.

The contractor's tasks for the project comprised the procurement, installation, test, commission and training over a wide range of mechanical, electrical, water, healthcare and medical facility and equipment with its works value of more than US\$12,500,000 in difficult working environment in the country of Iraq. The Protechnique team managers demonstrated their excellent and outstanding leadership and project management skills to overcome technical, logistics and local issues and drive the project into final stages in a timely fashion, working with diverse technical, financial and management teams in Amman and inside Iraq, and liaising with global companies and manufacturers.

### Jan Roodt

Team Leader (Multi-Sectoral) Economic Recovery & Poverty Alleviation Programme, UNDP Iraq



### Iraq - New Falloujha Hospital - 200 beds

Protechnique Healthcare in association with Al Merhaj Engineering and Contracting under the Iraqi Ministry of Industry funded programme was involved in health planning and procurement and commissioning of equipment and furniture for the New Falloujha Hospital in Iraq. The hospital is of 200 beds capacity being built on a turnkey basis.



Takrit Hospital, Iraq (400 beds)

### Syria - Daraa Hospital

Supply, installation and training on Extracorporeal shock wave lithotripsy (ESWL) in Daraa Hospital

The Syrian Arab Republic hosts one of the largest urban refugee populations in the world, with nearly half a million Palestinians and hundreds of thousands of displaced Iraqis. Under the UNHCR programme to support the operations inside Syria, Protechnique Healthcare take the role to rehabilitate Darra Hospital by install and operate an Extracorporeal shock wave lithotripsy (ESWL).



Installation of Extracorporeal shock wave lithotripsy (ESWL) in Daraa Hospital.



### Syria - Rehabilitation of the Obstetrics and Gynaecology Hospital

Under the UNHCR Program for the Rehabilitation of the Obstetrics and Gynaecology Hospital in Syria, UNHCR Hungary contracted Protechnique Healthcare to supply surgical equipment with full accessories and consumables. We handled installation, commissioning, testing and operators training.







Surgical equipment, Obstetrics and Gynaecology Hospital, Syria

### Syria - Rehabilitation of the Surgical Eye Hospital

Under the UNHCR Health Program for the Rehabilitation of the Surgical Eye Hospital in Syria, Protechnique Healthcare was contracted by UNHCR Hungary to supply and commission ophthalmological equipment to the Hospital. We also conducted a full operation training programme for the hospital staff.







Supply of ophthalmological equipment to the Surgical Eye Hospital in Syria

### Jordan - Rehabilitation of Al Hashmi, Al Jouf, Al Zaraga, Sahab and Swelih Health Centers

The health of refugees and other forcibly displaced people is a key component of protection and a priority for UNHCR. The 1951 Refugee Convention states that refugees should enjoy access to health services equivalent to that of the host population, while everyone has the right under international law to the highest standards of physical and mental health. Under a major support for Iraqi refugees in Jordan, UNHCR have contracted with Protechnique Healthcare to supply, install and train several medical equipment in several health centers in Jordan. Heath centers would be; Al Hashmi, Al Joufeh, Al Zaraqa, Sahab and Swelih in different locations





Install and train several medical equipment in several health centers in Jordan

Supply, installation and training of Spectrophotometer, ECG, **EMG, Emergency Trolley** in five major health centres in Jordan

Install and train several medical equipment in several health centers in Jordan





### Kuwait - Improving Health Systems for countries under UNAMI

Protechnique Healthcare was contracted by UNAMI-Kuwait for the supply of medical carts, accessories, books and tools to improve health systems in various countries.

> Supply and installation of laboratory equipment in Zimbabwe



Supply and delivery of refrigerated bench top centrifuges

### Zimbabwe - strength the healthcare sector in Zimbabwe

UNDP Zimbabwe is supporting the Government of Zimbabwe in mobilising a multi-sectoral response to the pandemic. Through its management of Grants such as the Global Fund, the goal is to mitigate the impact of HIV/AIDS by addressing both the causes and impact of the pandemic on Human Development. To achieve it's goal, UNDP Zimbabwe contract with Protechnique Healthcare to supply medical centrifuge and accessories to strength the healthcare sector in Zimbabwe



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