Devotra is an ISO 9001-2000 certified company whose activities are mainly focussed on engineering projects in developing countries and upcoming markets. We offer turn-key services for any kind of project in the field of education and training from primary up to higher education, including vocational training. Furthermore we are a worldwide specialized supplier of professional technical equipment for United Nations field projects.

MAIN ACTIVITIES:
- consultancy
- training
- supply of equipment
- mobile workshops
- turn-key projects

SPECIFIC EXPERTISE:
- vocational training
- technical education
- industrial training
- ict based learning
- e-learning
- industrial pilot projects
- united nations field projects

PROJECTS FINANCED BY:
- world bank
- african development bank
- asian development bank
- caribbean development bank
- islamic development bank
- european development bank
- united nations
- opec fund
- local governments
- non governmental organisations
The name Devotra is an acronym for Development of Vocational Training, which indicates our involvement in human resource development projects, in particular in the field of quality improvement for the Vocational Education and Training (VET) sector. Many organisations benefited from our experience and we have proven to be a reliable partner when it comes to successfully completing projects on time and meeting project specifications.

**TURN-KEY SERVICES:**
- consultation
- project identification
- project planning and coordination
- supply of equipment
- logistics management
- installation and commissioning
- training
- after sales

**MAJOR CUSTOMERS:**
- primary schools
- secondary schools
- universities
- vocational training centres
- united nations agencies
- industry

**SOME REASONS TO DO BUSINESS WITH US:**
- professional warehouse facilities
- worldwide sourcing
- local support
- international network of agents
- strategic partnerships
- products to project specifications
- projects in every continent
- no geographical limits
- competitive pricing
Devotra has an excellent network of international consultants and is in a position to provide their customers with a wide range of expertise related to training, education and human resource development in various sectors and at different levels. Specific expertise is also available for industrial related subjects and in the field of procurement. Expertise can be provided for private companies, local colleges, national entities and international organisations.

**CONSULTANCY**

**EDUCATION AND TRAINING:**
- training needs analyses
- curriculum development
- policy advice and design
- qualification structures
- technical assistance
- development of education strategy
- development of education systems
- staff development
- quality assurance systems

**INDUSTRY:**
- feasibility and appraisal studies
- pre-investment studies
- prototype design
- quality improvement and control
- workshop design and lay-out
- production and maintenance protocols
- factory automation

**PROCUREMENT:**
- analyses of needs
- procurement methods
- preparation of tender documents
- equipment specifications
- evaluation of tenders
- negotiation skills
- contract preparation
- contract monitoring
Devotra’s unique worldwide partnerships with various training institutes and knowledge centres allow us to offer our clients tailor made training courses in many different trades and at different levels. We offer modern training methods ranging from workshops and seminars to intensive long term training programmes, practical training and e-learning. Training can be provided on site or in one of the professional equipped training centres abroad. Overseas fellowship programmes can be organised for staff development programmes and teacher training.

**EDUCATION:**
- teacher training
- staff development
- master degrees
- technical training
- educational management
- pedagogical development

**INDUSTRY:**
- quality control
- product cost calculation
- budgeting
- logistics
- market based pricing
- marketing
- cad/cam
- health and safety
- project management
- maintenance

**SERVICES SECTOR:**
- hotel and tourism
- business administration
- health care
- beauty and care
- facility management
Devotra provides an increasing range of equipment for education and training. The equipment can be used for projects ranging from primary education up to higher education, including vocational training. Equipment can be modified according to customer requirements and can be provided in the form of real life workshop equipment, pilot plants, experimental laboratories, demo units, including e-learning, ict based resources, software, course ware and furniture.

**COMPLETE TRAINING LABORATORIES AND WORKSHOPS FOR:**
- science and technology
- agricultural engineering
- automotive engineering
- civil engineering
- chemical engineering
- electrical engineering
- ict and e-learning
- mechanical engineering
- oil and gas training
- services sector
- language training
- health care
- hotel and tourism
- automotive
- building and construction
- carpentry and joinery
- electrical and electronics
- forging and foundry
- machining and fitting
- plumbing and pipefitting
- refrigeration
- air-conditioning
- surveying and measuring
- welding and sheet metal
- metrology
- material testing
Besides the specific equipment for education and training, Devotra also supplies a wide range of other professional technical equipment and supplies. These materials are often supplied to complete the scope of supply for a turn-key education project. Alternatively the materials are supplied for specific field projects of the United Nations. This can vary from a project in the field of industrial development up to relief aid and peace keeping operations.

EQUIPMENT:
- audio/visual equipment
- office equipment
- furniture
- workshop furniture
- ict equipment
- libraries
- classroom furniture
- sports furniture
- sports equipment
- generators
- production machinery
- cleaning equipment
- security equipment

SUPPLIES:
- electrical parts
- hand tools
- electrical tools
- automotive parts
- fasteners
- cleaning materials
- lubricants
- building materials
- spare-parts
- consumables
- relief goods
- industrial parts
- safety materials
MOBILE WORKSHOPS AND TRAINING UNITS

Devotra has developed three kind of mobile solutions based on standard 20-ft ISO-containers. 1) Mobile workshops: these can be supplied as a single unit or connected with a set of four to create bigger workspace. The workshops are fully self supporting and include: power generator, air conditioning, heating and illumination. 2) Mobile training units: a workshop that is used for educational purposes. Some applications are metal working, welding, automotive, electrical, electronics and refrigeration. 3) Modular units: these units can be supplied in 20ft and 40ft. Various models are available and can be used as office, dormitory, canteen and sanitary units. All are particularly useful for short term emergency field operations. The combined models can be used as rapid response units or with a more stationary character.

TECHNICAL FEATURES:
- 50mm pu insulation
- 35mm pvc walls and ceilings
- custom build
- connectable
- double glazed windows
- air conditioning and heating
- illumination
- built-in generator
- fully self supporting
- heavy duty quality
- available in 20- and 40-ft
- transport by truck, train, helicopter and boat

APPLICATION:
- maintenance and repair
- training and education
- research laboratories
- disaster response units
- army, navy, air force
- accommodation and office
- kitchen and sanitary
- examination and first aid
- ambulance
- pharmacy
- intensive care unit
- operating hall
- x-ray room
Devotra has founded a separate project company, Devotra Projects, which offers turn-key solutions at two levels: 1) development and 2) implementation of turn-key projects. Our expertise includes primary, secondary and higher education, with a specialization in vocational education and training (VET, TVET, TIVET). We offer tailor made solutions from project identification up to project implementation. In close cooperation with the client the scope of work will be defined and different options will be compared. Based on our professional experience and our worldwide network, we are in a position to provide a solution that meets all stakeholders requirements. With Devotra Projects we are mainly focused on engineering large and complex projects.

**PROJECT DEVELOPMENT:**
- proposal writing
- feasibility studies
- needs assessments
- surveys
- identification of objectives
- master plans
- risks analyses
- project formulation
- cost calculation
- financial solutions
- preparation of tender documents

**PROJECT IMPLEMENTATION:**
- preparation of work plans
- management and coordination
- supervision of (sub)contractors
- staff recruitment and training
- capacity building
- supply of equipment
- supply of furniture
- installation and commissioning
- technical assistance
- maintenance and after-sales
- monitoring and evaluation
SPECIALIZED AREAS

AGRICULTURAL ENGINEERING AND FORESTRY

AUTOMOTIVE ENGINEERING

BUILDING AND CONSTRUCTION

CARPENTRY AND JOINERY

CHEMICAL ENGINEERING

CIVIL ENGINEERING

ELECTRICAL AND ELECTRONICS

E-LEARNING

FORGING AND FOUNDRY

HOTEL AND TOURISM

ICT

LABORATORIES

INDUSTRIAL MANUFACTURING (CNC-CAD/CAM-ROBOTICS-FMS)

WELDING AND SHEET METAL

WATER SUPPLY

TEXTILE TECHNOLOGY

TELECOMMUNICATIONS

SURVEYING AND MEASURING

SCIENCE

REFRIGERATION AND AIR CONDITIONING

PROCESS TECHNOLOGY

PLUMBING AND PIPEFITTING

LEGAL AND INDUSTRIAL METROLOGY

METALLURGY AND MATERIALS TESTING

MECHANICAL ENGINEERING

MACHINE TOOLS
PROJECT REFERENCES

KENYA

Ministry of Higher Education Science and Technology: The project “Rehabilitation and Upgrading of Kenya Technical Teachers College and nine Regional Centres of Excellence” is partially funded under the Dutch ORET grant programme. The project includes supply, installation, commissioning and training of vocational training equipment for machining and fitting, welding, sheet metal, automotive, plumbing and pipefitting, carpentry and joinery, electrical and electronics, and masonry. The project includes a 24 months technical assistance programme for teacher training abroad, in-country training and curriculum development.

UN

Since 1995 we have supplied more than 30 UN agencies as a regular customer with a great variety of goods. These have been shipped worldwide for: Unido, Unwra, Ilo, Unops, Unog, Wfp, Who, Fao, Iapso, Unesco, Un/icty, Uneca, Un/Ctpto, Unmibh, Unpd, Minurso, Monuc, Unamsil, Unlb, Unmee, Unmik, Unifil, Unmil, Unomig, Unoci, Unicef, Onub, Unamis, Minustah, Unmogip, Unami, Minurcat, Unamid, Unmit, Unsoa, Undof, Unisfa, Unhcr, Unmiss, Unon, Minusma and Unficyp.

SUDAN

Khartoum State: A Unido funded project for the supply, installation, commissioning and training of vocational training equipment for building, construction, welding, sheet metal and machining for 5 vocational training institutes in the Khartoum area.

RWANDA

Workforce Development Authority (WDA): Projects implemented in Rwanda include the supply, installation and commissioning of vocational training equipment for the plumbing and welding departments at Nyanza VTC and Kavumu Training Schools, and electrical equipment for ETO Kibungo. These projects were partially funded by the Belgian Technical Cooperation (BTC).

ETHIOPIA

Ministry of Education: Various projects have been implemented for the Amhara National Regional State, Technical and Vocational Bureau, Tigray National Regional State, Technical and Vocational Bureau, Public Procurement & Property Disposal Service, and Procurement Service Enterprise. Projects include supply, installation and commissioning of educational training equipment, machinery and materials and tools for machining, sheet metal, welding, electrical and electronics, masonry, building and construction, woodworking, carpentry, and plumbing.

UNICEF ZIMBABWE

Ministry of Primary and Secondary Education/UNICEF Zimbabwe: secondary science education project. Devotra implemented the turn-key science education project, under two separate contracts, to mention:

1. “Set-packing and supply of Science kit, including apparatus, chemicals, consumables and a storage system to UNICEF Warehouse in Harare, Zimbabwe for further distribution to 2,449 secondary schools.

2. “Design and implementation of a suitable training programme to build up capacity of 5,000 science teachers and 100 Education officers nationwide (spread across 72 districts in 10 provinces) on the use, care and maintenance of the supplied science kits in Zimbabwe”.