

COMPANY PROFILE

2022

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ABOUT US

DESCON Architectural, Engineering & Planning Consultants is a full service design firm that provides Architectural and Civil Engineering services to clients across an expansive range of markets and localities. Our multi-disciplinary services; Architecture, Civil Engineering, Land Surveying, Roads, Water and Energy; join forces with knowledge and experience to give you a single point of contact and a strong business relationship you can count on.

DESCON worked on a wide variety of projects from the public to the private sector and is well placed to effectively tackle projects of any size and complexity. Furthermore, we are registered in respective administration across Somalia and have operating offices /representatives in Garowe Puntland, Hargaisa - Somaliland, Baidao South-West, Kismayo - Jubbaland; As well as, operating offices in Hiiraan and Galmudug with our main headquarter is in Mogadishu - Somalia where we have

been doing business for over 5 years. Today **DESCON** is one of the growing truly empowered firms here in Somalia; in its short existence, it has grown more than 400%, from 12 to 40 employees. Our clients immediately benefit from the expanding range of developmental services.

Our licensed staff of Architects, LEED Accredited Professionals, Engineers, and Surveyors provides the expertise, professionalism and innovative approaches fundamental to the execution of successful design solutions. **DESCON** is committed to clients from concept phase to completion phase ensuring dedication, continuity and satisfaction.

DESCON holds a standard of consistently delivering high-quality, client-oriented design, shaped by sound environmental solutions; places that are beneficial to the user as well as the environment.



MISSION

Our mission is to provide clients across Somalia's with Architectural , Civil Engineering , Mechanical and Electrical services for all types of project and sector, from concept planning to completion, with a highly skilled professional team working together, using common sense and practical experience. DESCON prides itself on meeting modern day to day engineering challenges and ensuring.

the successful completion of complex projects. We promise to deliver the highest quality of workmanship and client satisfaction – both imperatives to the DESCON Construction philosophy. The Company strives to conduct its business fairly and honestly and with consideration to the long-term needs of all its stakeholders, i.e. clients, employees, subcontractors, suppliers and service providers.

SERVICES

DESCON offers a broad range of technical services specializing in Civil Engineering, Architecture and other related works. It provides multi-disciplinary consulting services to the public as well as private firms engaged in the development of various types of economic and social infrastructures and buildings. The firm has the capacity to undertake such tasks as feasibility and engineering management studies, engineering services including design, supervision and contract administration of buildings, roads and other related works. It also provides services in other types of civil engineering works including surveying, structural, environmental and geo-technical engineering.

DESCON covers the listed fields of specialization and is also involved in any development activities and research works:

OUR SERVICES

Project management

Infrastructure

Projects studies

Skill Training and
Technical Assistance

Buildings

Roads and
Transportation

MEP design services

Surveying and Mapping

Settlement and
Urban planning

Preliminary Investigation
and Feasibility studies

Airport Runways

Geo-technical
Engineering

Architectural Design

Supervision & Contract
Administration

Environmental management
& impact assessment

Structural Engineering

Hydrology
and drainage

PROJECT MANAGEMENT

At Descon we work with our customer and provide the owners expertise in all areas of Design, construction administration and contract managements including, pre-construction phase, construction phase, and close-out phase.

OUR PROJECT MANAGEMENT PROCESSES

1.1 Pre-construction Phase

- Schematic design stage
- Design development stage
- Construction documents preparation stage
- Schedule development
- Constructability analysis
- Cost estimates
- Site assessment
- Review tendering process
- Conduct pre-tendering meeting
- Review tendering results

1.2 Construction Phase

- Contract Administration
- Pre-construction meeting
- Cost control, and change order management
- Project progress meetings
- Project management control systems
- Progress reports

1.3 Construction Closeout Phase

- Review punch list work and work completion
- Close out documentation, O&M manual, warranties
- Coordinate use & training of FF&E
- As-built drawing

SETTLEMENT AND URBAN PLANNING

Urban planning is a technical and political process concerned with the development and design of land use and the built environment, including air, water, and the infrastructure passing into and out of urban areas, such as transportation, communications, and distribution networks. Urban planning deals with the physical layout of human settlements.

01

The primary concern is the public welfare, which includes considerations of efficiency, sanitation, protection and use of the environment, as well as effects on social and economic activities.

02

Urban planning is considered an interdisciplinary field that includes social science, architecture, human geography, politics, engineering and design sciences. It is closely related to the field of urban design and some urban planners provide designs for streets, parks, buildings and other urban areas.

03

Urban planning is also referred to as urban and regional planning, regional planning, town planning, city planning, rural planning, urban development or some combination in various areas worldwide

ARCHITECTURAL DESIGN

DESCON offers a broad range of Architectural projects of various scales. Starting from residential, commercial, educational, healthcare to mixed-use Highrise projects.

Basic Services include ;

Schematic Design:

Establishing the conceptual design, scale and relationship among spaces.

Face-lifting of old structures

Renovation of old and antique structure to preserve the culture

Design Development:

Refining the design and preparing plans, elevations, building sections and typical details.

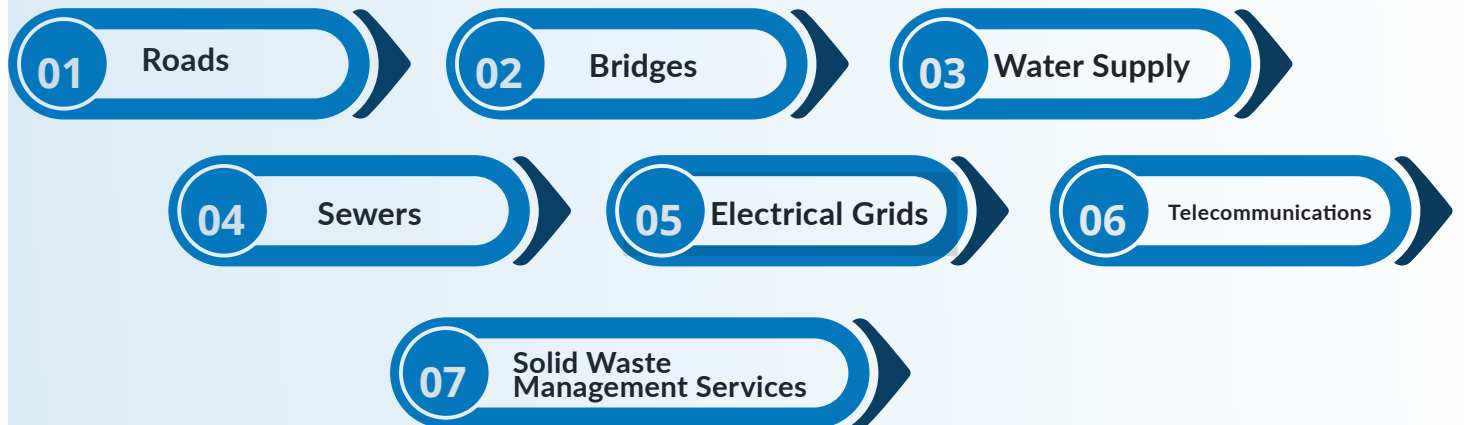
Real estate design developments

preparation of concept designs, mapping and zoning of new land for development.

INFRASTRUCTURE PROJECTS

Infrastructure is the fundamental facilities and systems serving a country, city, or other area, including the services and facilities necessary for its economy to function.

The type of Infrastructure design and developments Descon offers is composed of public and private physical improvements such as;



In general, the physical components of interrelated systems providing commodities and services essential to enable, sustain, or enhance societal living conditions

05

SURVEYING AND MAPPING

DESCON has certified GIS professionals (GISPs) who work in all markets transportation, water and wastewater, environment, power and energy.

DESCON has the tools to see projects through all phases; from feasibility and screening studies, through data collection, analysis, reporting, to visualization and cartographic design.

Our services include:

- ✔ Data Management
- ✔ Data development, maintenance, and update
- ✔ Data conversion (analog to digital)
- ✔ Data formatting/digital conversion (CAD to GIS)
- ✔ Field collection
- ✔ Geodatabase design and development
- ✔ Map creation and cartographic design

SURVEYING AND MAPPING

Enterprise Support

- ✔ GIS needs assessments and implementation
- ✔ System development and planning (traditional and cloud)
- ✔ GIS strategic planning
- ✔ Staff training

Geospatial Analysis

Terrain modeling

3D modeling

Geospatial artificial intelligence

06



Descon offers a full range of professional surveying and mapping services to support the industry. When it comes to the identification and location of assets, clients benefit from our experienced understanding of geodesy, use of proper surveying and mapping principles, and solid data management.

SKILL TRAINING AND DEVELOPMENT

DESCON offers range of Skills development and technical training is the process of

Identifying the skill gaps

Developing and enhancing these skills.

Develop technical skills, and employment and entrepreneurial skills

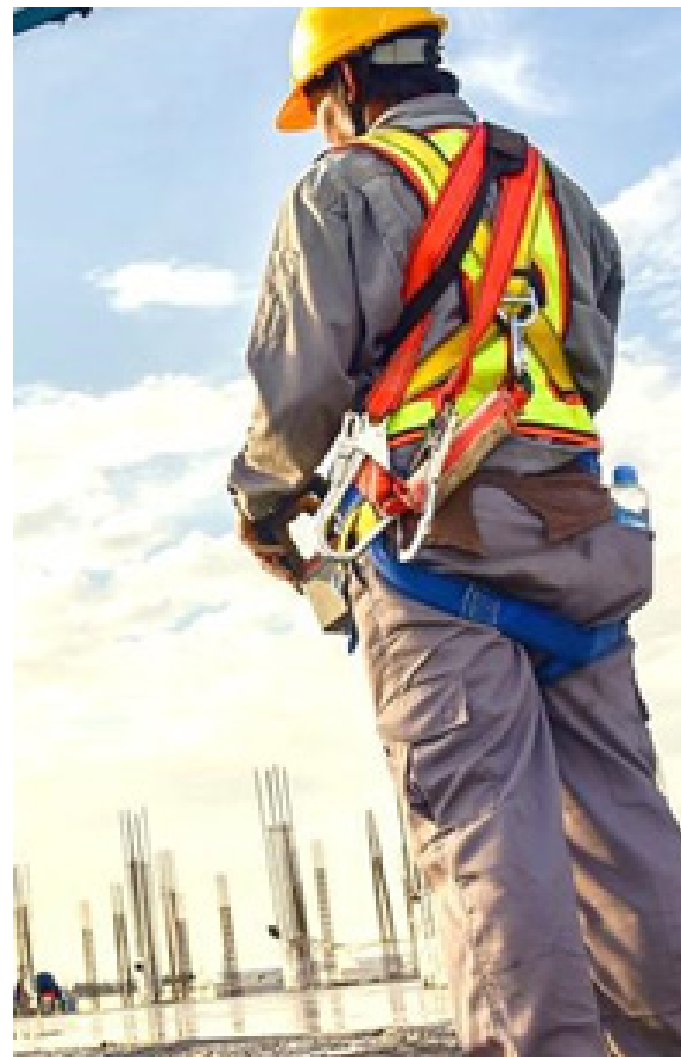
Better support young people to transition into employment

Better match skills development to industry demand

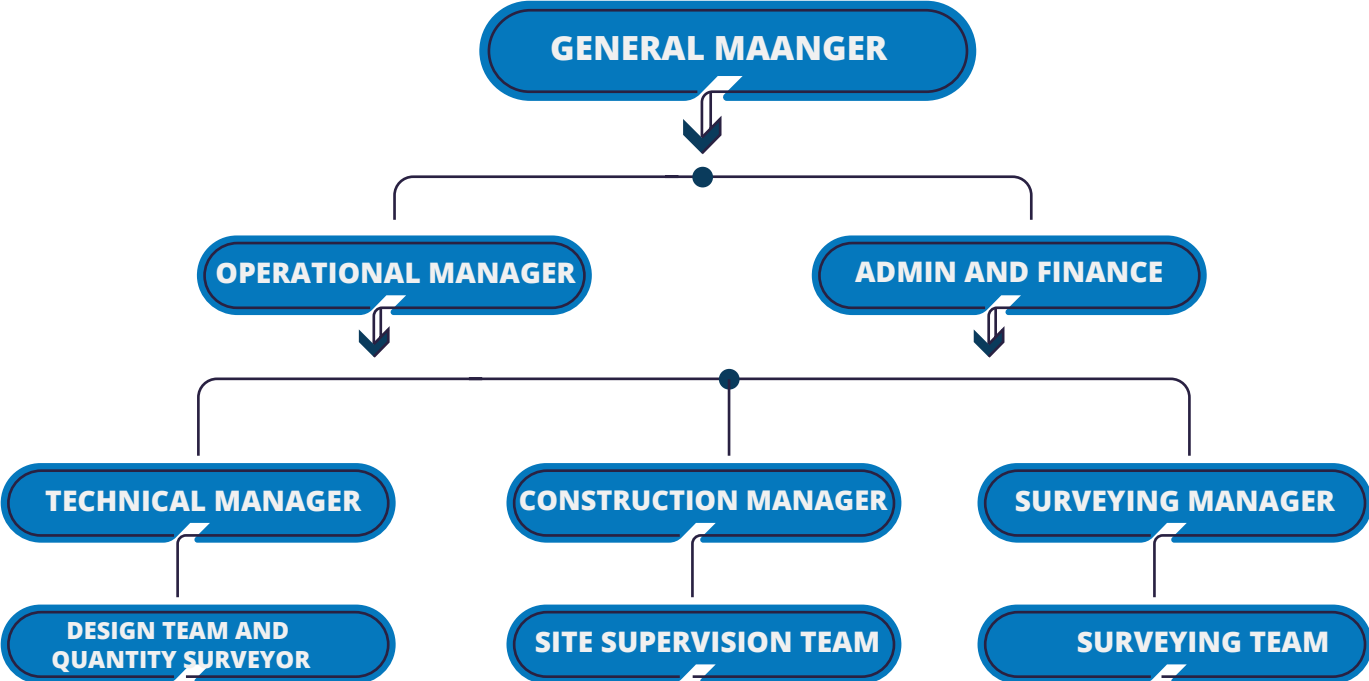
Train and assess for competency

Increase access and cost-effectiveness to meet the growing demand

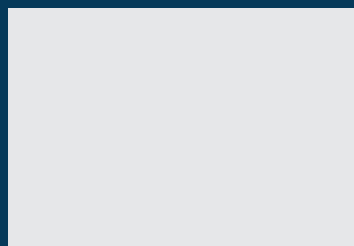
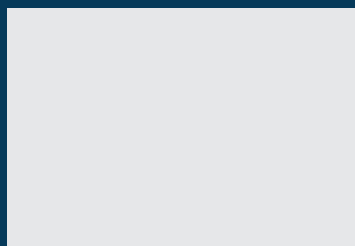
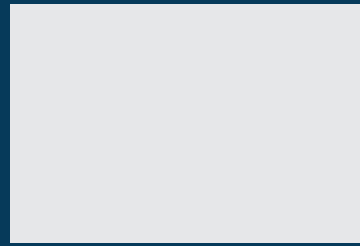
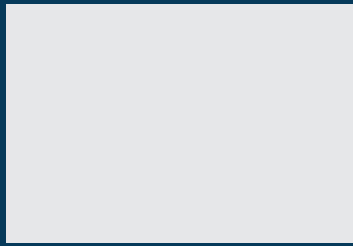
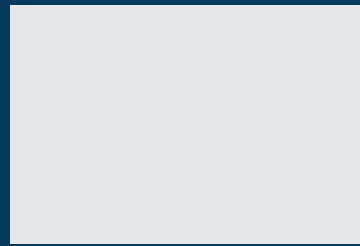
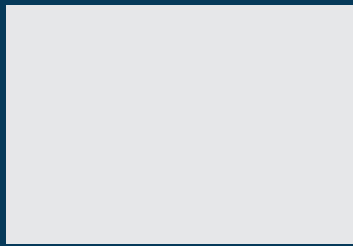
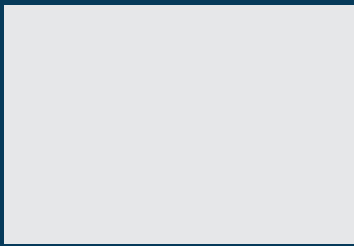
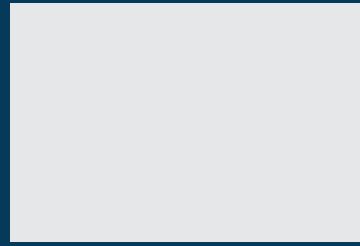
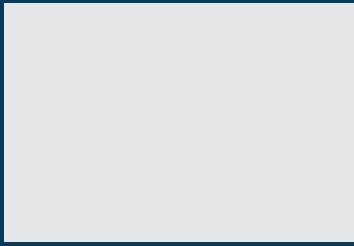
Support lifelong learning



ORGANIZATIONAL STRUCTURE



CLIENTS



PROJECTS with UNICEF SOMALIA

DESCON has a long-term agreement with UNICEF to serve as their engineering and architectural consultants for any of their development projects across Somalia.

Consultancy Value: Over **\$750,000.00**

Below are the service that we provide for UNICEF Somalia Program

- 01** Technical site assessments of existing structures (verify structural integrity, functionality of space, accuracy of existing design drawings, etc)
- 02** Technical site assessment for new construction (site topography, geotechnical survey, legal status, functionality of space, etc)

PREPARATION OF CONCEPT DESIGN

Full set of detailed architectural drawings

Full set of detailed structural drawing

Full set of service drawings (plumbing, drainage, rainwater harvesting, and electrical drawings)

Technical specifications

Pre-qualification of contractors

Site supervision and quality assurance

Preparation of Engineering Estimates and Bill of Quantities

Preparation of tender documents and RFQs

Technical and Financial Tender Evolution

Construction material inspection/approval

Site progress reports

Certificate of completion

A) EDUCATE A CHILD PROJECT ACROSS SOMALIA

One of the significant components of the Educate-a-Child (EAC) project in Somalia was the construction of 800 classrooms in 150 villages in Somalia, Puntland, South Central, and Jubbaland.

DESCON has taken on this project from inception stage to completion including Complete Construction Management.

Consultancy Value: Over **USD \$450,000**

B) UNICEF DIRT ROAD

After re-assessing the security conditions of UNICEF Mogadishu Compound, UNICEF decided to undertake set of repairs, renovations and improvements of Dirt road in line with this goal.

As such, DESCON was commissioned to prepare detailed bills of quantities, budget, necessary documentation for a tender, evaluation of proposals received and technical supervision of works.

C) UNICEF CLINICS

As part of the UNICEF Health program in Somalia, a series of cold chain clinics are being constructed across Somalia. Thus far, we have completed 3 cold chain clinics in Mogadishu, Dhusamareed, and Baidoa.

DESCON has taken on this project from inception stage to completion

D) UNICEF COMPOUNDSICS

After re-assessing the security conditions of UNICEF Mogadishu, and Baidao Compounds, UNICEF decided to undertake a set of repairs, renovations and improvements in line with this goal.

As such, DESCON was commissioned to prepare detailed bills of quantities, budget, necessary documentation for a tender, evaluation of proposals received and technical supervision of works.

Consultancy value: Over **USD\$ 450,000**

PROJECTS WITH AECOMTIS + SOMALIA

DESCON has completed consultancy service for AECOM International under TIS+ Somalia Program for Several Consultancy project in Kismayo, Barawe, Gibileyand Mogadishu.

Consultancy Value: Over \$150,000.00

1

KISMAYO MARKET AND AIRPORT ROADS:

As part of the infrastructure improvements for Kismayo, With community Consultation they have decided to upgrade Kismayo Market Road and airport road with total length of 12km in Kismayo Jubba-Land

2

Kismayo Freedom Squire Technical and Engineering Supervision

Descon Is Working with TIS+ to provide engineering and Technical suppression for the Construction of Freedom Squire

3

BARAWE ROADS , MARKET, WOMEN CENTER AND STADIUM

Under TIS+ DESCONE was commissioned to carry out complete engineering (Architectural, Civil, Electrical and Mechanical) services related to the Barawe Road design and Women's market and Stadium project design, construction supervision and contract management.

The Detailed Scope Of Work Was As Follows:

Technical site assessments of existing Roads and Existing Structure (verify structural integrity, functionality of space, accuracy of existing design drawings, etc.)

Preparation of concept design

Full set of detailed architectural, structural and service drawings

Technical site assessment for new construction (site topography, geotechnical survey, legal status, functionality of space, etc.)

Full set of detailed Road design drawings.

Technical specifications Pre-qualification of contractors

Preparation of Bill of Quantities

PROJECTS with IRC SOMALIA

ICRC Medina Hospital as part of the infrastructure improvements for hospital facilities in Somalia, The ICRC, Somalia delegation worked with the Medina Hospital Administration to improve the quality of service of two wards earmarked for rehabilitation and improvement. The project aimed to give a face-lift to the old structures as to provide patients with decent conditions when admitted to the hospital.

DESCON was commissioned to carry out complete engineering (Architectural, Civil, Electrical and Mechanical) services related to the project design, construction supervision and contract management.

The detailed scope of work was as follows

1. Technical site assessments of existing structures (verify structural integrity, functionality of space, accuracy of existing design drawings, etc.)
2. Technical site assessment for new construction (site topography, geotechnical survey, legal status, functionality of space, etc.)
3. Site supervision and quality assurance

PROJECTS with NIS FOUNDATION

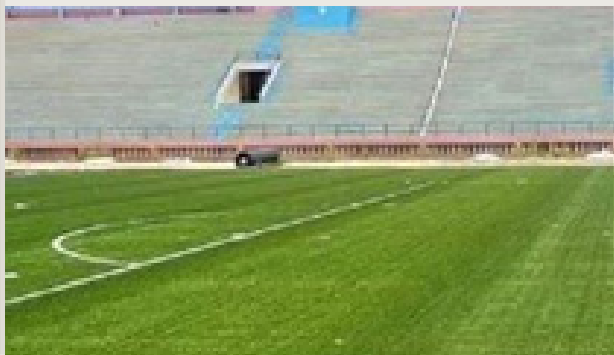
DESCON has implemented with NIS Foundation several projects to provide service as their engineering and architectural consultants for any of their development projects across Somalia.

Below are the service that we provide for NIS Somalia Program :

MOGADISHU FOOTBALL BASKET BALL STADIUM

DESCON successfully completed the following activities:

- ✓ As-built drawing of the stadium
- ✓ Construction estimates and bills of quantities
- ✓ Renovation designs proposals
- ✓ Structural integrity analysis of the stadium
- ✓ MEP service designs including drainage works



PROJECTS WITH NIS FOUNDATION

DESCON was commissioned by NIS _ Foundation to provide technical design for several road project such as :



Baidao Cobble stone road project (4.5km)



Afgoye to Arbiska Road (4.5km)



Daynile road (9km)

DESCON Carried out the following activities:

- ✓ Geotechnical investigation for ground conditions and soil classification
- ✓ Traffic studies and road surveys
- ✓ Employment creating methodologies for the projects
- ✓ Cobble stone road design
- ✓ Bills of quantities and construction estimates



PROJECTS with SFF

DESCON has completed consultancy service in 2014 for Special facility fund under the management of Norway and ministry of finance in Hiiraan Region

As part of the infrastructure improvements for Somalia stabilization project :

DESCON Provided engineering services in Hiiraan region for SFF /Ministry of Finance Project comprises of the following sub projects:

- 1 Governor's Offices (two story building)
- 2 District Commissioner offices (5 Offices)
- 3 Elders Hall (6x10)
- 4 Court Room (Civil Court) (15x9)
- 5 Meeting Hall (30x30)
- 6 Toilets (10x4)
- 7 Kitchen (5x6)
- 8 Bundaweyn Fruit /Vegetables Market
- 9 Darwiish Market
- 10 Howlwadaag Meat Market



THE DETAILED SCOPE OF WORK WAS AS FOLLOWS:

Technical site assessments of existing structures (verify structural integrity, functionality of space, accuracy of existing design drawings, etc.)

Preparation of concept design

Preparation of Bill of Quantities

Technical specifications

Full set of detailed architectural drawings

Preparation of Engineering Estimates

Technical site assessment for new construction (site topography, geotechnical survey, legal status, functionality of space, etc.)

Full set of detailed structural drawings

Full set of service drawings (plumbing, drainage, rainwater harvesting, and electrical drawings)



PROJECTS WITH SCAMS SOMALIA

SOMALIA CIVIL AVIATION HEADQUATER

DESCON achieved to undertake the following tasks:

Project Scope:

Design and construction management of G+1 office for Somalia Civil Aviation located in Mogadishu international airport with approximately 1600m²

1. Modern office design
2. Large Meeting Hall
3. Air Plan Control Room
4. Library Room
5. CCTV and Security room
6. Landscaping and Parking lot

Value (USD\$): \$850,000

AIRPORT RUNWAY

Client: Somalia Civil Aviation

Project Scope:

Design and construction management Mogadishu international Airport Runway for Somalia.

Civil Aviation with approximately 3 km

distance Value (USD\$): \$550,000

1. Runway lighting
2. Rehabilitation of asphalt runway
3. Runway marking and
4. Runway thresholds
5. Runway safety area



PROJECTS WITH ILO SOMALIA

DESCON is currently working with ILO Somalia program and the ministry of public works for the development of a comprehensive interim Roads and Bridges Design Manual for Somalia. DESCON was commissioned to undertake the following tasks:

Carry out desk review of all the roads and bridges design standards being used by various institutions and projects in FGS;

Review design standards from countries in east African region that have similar weather conditions, geographical features, traffic levels as well as socio-economic conditions;

Collect and collate other relevant technical information internationally (TRL, CSIR, India, etc.) that can be used for the development of the design manual;

Compile an interim Roads and Bridges Design Standard for FGS with all the relevant sections and technical details;

- Identify and recommend technical reference materials, which can be used in conjunction with the interim Design manual;
- Identify areas of focus for future improvement of the Design manual;
- Organize and facilitate a peer review of the draft Design Manual with relevant stakeholders;



PROJECTS with SSF

DESCON has implemented several projects with Somali Stability fund under Adam Smith management in Adale and Mahadayo, Mogadishu.

Consultancy Value: Over \$65,000.00

- A. SSF Towfiq Ward, Mogadishu
- B. SSF Adale & Mahadayo, Middle Shabelle

After SSF received a request from local stakeholders of Adale and Mahadayo Districts to assist them with the rehabilitation/construction of Adale and Mahadayo district administration offices, meeting hall, and basketball court/playground;

SSF commissioned DESCON to undertake the following scope of work:

1. Conduct site visit and find out other necessary details to meet the specific needs of these projects.
2. Work closely and coordinate with the community and local authorities for the assessment of the selected sites
3. Assess the environmental impacts of the requested SSF projects
4. Conduct local market analysis (Adale and Mahadayo) survey of construction materials availability, quality and pricing.
5. DESCON to share detailed work plan and budgets into three phases that is separated stages of project design, bidding and monitoring the construction works.



C. SSF Warshiekh Solar Lights

SSF Installed 40 Stand-alone solar street lights in Warshiekh District. DESCON was commissioned to verify the functionality of the installed lights. The scope is detailed below: Check the quantity (40 solar lights distributed well) Check the quality compared to the specifications as well as the quality of the light at night times. This also includes the quality of the constructed „concrete“ battery covers, panels, poles. Are all the installed lights operating at night times.



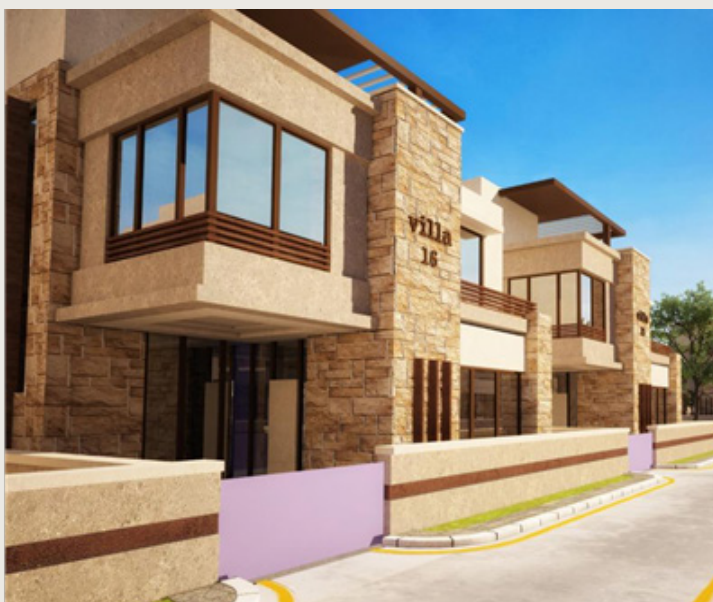
PRIVATE PROJECTS

Marina Beach Village- Mogadishu

Client: Marina Real state

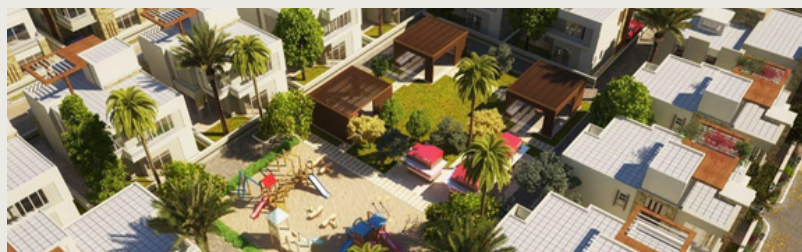
Project Scope: Marina Beach residents is suited near lido in Abdiaziz District in Mogadishu. DESCON has carried out Design and construction management of 44 villas of G+1 villa with total built-up area of 13200 square meter.

Project Description: Value (USD\$): \$5,800,000.00



44 villas of G+1 with total built area of 200m² per each villa

- Super market
- Gym and recreational facilities
- Mosque
- Children's playground
- Security wall
- Paved roads



PRIVATE PROJECTS

Unigate Compound Complex

Client: Unigate

Project Scope: UNIGATE Villa is suited near Madina Gate in Madina District in Mogadishu. Design and construction management of two G+2 villas with total built-up area of 1700 square meter.

Project Description: Value (USD\$): \$1,200,000.00



- 18 luxury rooms with private toilets
- Large kitchen with laundry and storage room
- Open concept of living Room and Dining Room
- Service Room
- Conference Room
- Landscaping

Habib Residency

Client: Habib Group

Project Scope: Habib Resident is suited near KM zero in Abdiaziz District in Mogadishu. Design and construction management of four Villa of G+3 with Swimming pool, gym and common parking area With total built-up area of 2250 square meter.

Project Description: Value (USD\$): \$1,600,000



- 9 luxury rooms with private toilets and sitting Room in each villa
- Large kitchen with laundry and storage room
- Open concept living Room and Dining Room
- Service Room
- Conference Room
- Landscaping



**DESIGN CONCEPTS |
NEIGHBOURHOODS**



**DESIGN CONCEPTS |
RESORTS**



**DESIGN CONCEPTS |
HOTELS**



**DESIGN CONCEPTS |
HEAD QUARTERS**



**DESIGN CONCEPTS |
G + 2 VILLAS**



**DESIGN CONCEPTS |
APARTMENTS**



**DESIGN CONCEPTS |
SKETCH TO REALITY**





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