

COMPANY PROFILE

Our mother company has been established in 1979 as a general contracting company specialized in the civil works of the telecommunication industry and steel structure and it is known as "El Banna Company for General Contracting".

In 1996 "El Banna Engineering Center (EBEC) "was established to work in electromechanical projects, telecommunication buildings and wireless communication projects.

Our main customer is Telecom Egypt (TE) and many international telecommunication companies (**Siemens, Lucent Technologies, Motorola, Systel, Alcatel, Thomson CSF, NEC, Ericsson, EGTI, Nortel Networks, Noor, Nile on Line (NOL) ...**).

Many of these projects were done through Telecom Egypt and in co-operation with one of the equipment suppliers mentioned above and some was done directly with a direct contact with one of the vendors.

➤ **TELECOM EGYPT (TE):**

- Design and construction of telecom Egypt sporting club.
- Supply & installation of EI-OGA tower at EI-OGA border point (RAFAH) (**50 m**).
- Design, supply and installation of microwave towers.
- Microwave towers in Assiut.
- Microwave/ GSM / GSM towers in maadi exchange (**96 m**).
- Microwave /GSM towers in ASWAN/Elrodaisia valley (**90 m**).
- Microwave /GSM towers in ELMENIA (**50 m**).
- Microwave/ GSM / GSM towers in SHARM EL SHEIKH (**50 m**).
- Microwave/GSM towers in BENI SUIF (**40 m**).
- Microwave/ GSM towers in ELTAGAMOO EL KHAMIS (**40 m**).
- Microwave/GSM monopole /ELMANSOURA (**36 m**).
- UVHF tower in borg elarab/ALEX (**50 m**).
- Design of telecom Egypt's customer care centres.
- Construction of all free INTERNET sites (CAIRO, ALEX, North DELTA).
- Construction of ELZAWIA customer care centre.
- Construction of BEEN ELSARAYAT customer care centre.
- Construction of CDMA sites in ELKATAMIA-AIN ELSOKHNA road (towers, boundary walls)
- Construction & preparation of solar cells system for CDMA sites in ELKATAMIA-AIN ELSOKHNA road.
- Construction of CDMA sites - SINIA region.
- Supply & installation of roof top 40 metres towers/ASHMMON.
- Strengthen of back bone (ALEX – Saloom) towers at SIDI KRIR – Elhamam (**75 m**).
- Installation of ELDAKA tower (ASWAN) (**50 m**).
- Rehabilitation of ELZAMALEK exchange.
- Construction of ELMEE'RAG exchange (maadi ring road) (FTK) [Tender stage].
- Construction of October 5 exchange (FTK) [Tender stage].

➤ **SIEMENS:**

- Construction of maadi tandem (intelligent network control building)
- Construction of maadi diesel buildings.
- Construction and site preparation for matareya tandem
- Construction and site preparation for Embaba Tandem
- Construction and site preparation for Dar ElSalam Tandem.
- Site preparation for IN (Intelligent Network) Maadi
- Site preparation for IN (Intelligent Network) Giza
- Site preparation for almost all exchanges in greater Cairo (Kobba, Almaza, Nasr 1, Dokki, Mohandseen, Etc...).
- **Construction and site preparation for the BASE STATION(core bldg.) of the 3rd GSM network (trial) /TELECOM EGYPT MOBILE [GIZA exchange].**
- **All GSM sites in the third operator in EGYPT(17 trial sites).**

➤ **EGTI:(Egyptian German Telecommunication Industries)**

- Construction of **Ismalia/sarabeioum** exchange(FTK)
- Construction of **Ismalia/ELABTAL** exchange (FTK).Construction of **SUEZ/GENEVA** exchange(FTK).
- Site preparation for more than 50 sites (exchange) all over Egypt, Cairo, Giza and Upper Egypt.
- Construction of containers foundation in EGTI factory (6th of October).

➤ **ORASCOM TELECOM (OTH):**

- Construction of Sub-marine cables landing station at suez gulf.
- Construction of Sub-marine cables landing station at alexandria.
- Construction of Sub-marine cables landing station at Zaa'farana.
- Construction of marine cables REPEATERS buildings (Octobre, El-tebein, El-koraymate).

➤ **LUCENT TECHNOLOGIES:**

- Construction of maadi 2 exchange building.
- Site Preparation for all switching and wireless sites in greater Cairo,Giza and south Delta (maadi1,elharam,mokatam,giza,maadi3,heliopolis,bab ellouk,Banha,Alex....about 40 sites)
- Site preparation for modernization project (converting from analogue to digital) about 25 sites .
- Civil works required for hardreu (Outdoorstreet switching) /UNO : 65 sites

➤ **ALCATEL :**

▪ **1st GSM network in Egypt (PH.1) :**

Civil works of the GSM network all over Egypt (towers and shelters) work was carried out in Cairo, Giza, Alexandria, Luxor, Aswan and North Coast. The owner was then ARENTO (now it s **TELECOM EGYPT**)

▪ **Construction Of North Delta Exchanges (FTK):**

- **Elmahmodeya**
- **Etay Elbarood**
- **Rasheed**
- **Desouk**
- **Elmahala ELKobra**
- **Qalioub**
- **Tookh**
- **GIZA**

➤ **NSN:**

- Rehabilitation of RAMSIS exchange.

➤ **MOTOROLA:**

- **CDMA (IS 95) Project in Cairo – trial sites.(FTK)**
- **CW of wireless internet network(CANOPY).**

➤ **NEC:**

- **WLL (Wireless Local Loop) In Upper Egypt (Menia & Beni Suef)**
Design and fabrication of poles and tripods

➤ **THOMSON-CSF (Thales Group)/ NTRA:**

- **Wireless Control & Monitoring Network In Egypt (Shelters, Towers & Equipment Installation)**
This project is owned by NTRA (Telecommunication Regulatory Authority)

➤ **ERICSSON /TELECOM EGYPT:**

- Site preparation for ERICSSON exchanges in CAIRO
(Ramsis,Helwan,Abassia/15th MAY....etc)

➤ **NORTEL NETWORKS:**

- Site preparation for all **Nortel network** sites in Cairo (El-Obour1 ,El-Obour 2 , EL Sherook, El Tagamoo elkhames,el shaikh zayed....etc.)

➤ **ZTE:**

- CDMA sites in delta area and around Cairo(Green field & roof top) (FTK) (60 m towers, shelters and fences).

➤ **Egyptian Railways (TRANS IT) / TeleTech:**

- Rehabilitation of the MAIN data centre in RAMSIS railways station (tender stage).

➤ **Nile On Line (NOL) – ISP-:**

- Preparing the international gateway (single mode –fiber link) STM1.

➤ **ETISALAT(3rd Mobile operator in EGYPT):**

- Construction of roof top and Greenfield of ETISALAT sites in EGYPT (Upper Egypt, Sinai & Delta region) [FTK] about 110 sites.

➤ **Quicktel-Egyptian telephony company-ETC:**

- Supply & install of 50 fully equipped shelters.
- Construction of the SOFISAT/CDMA network [FTK].
 - New-Damayyat CDMA 50m tower + shelter
 - Qanater CDMA 50m tower + shelter
 - Elsheikh zayed CDMA 45m tower + shelter
 - BTS_14 CDMA 50m tower + shelter + fence
 - Barhamtosh 50m tower + shelter + fence
 - Saft elaban 21m Roof top site
 - Bakry 21m Roof top site

And many other sites (Green Field, Roof top).

➤ **NOOR FOR ADVANCED TECHNOLOGY (ISP):**

- Site preparation for all **NOOR** sites in Cairo and Alex and Upper Egypt.
- Fiber optics cables for international gateway/FLAG –STM1.

➤ **RAYA HOLDING:**

- Design and construction of Porto Ghalib data centre (MARSALA ALAM) (tender stage).

➤ **Zain-MTC / KSA:**

- Construction of the new WI-MAX (4G) network in KINGDOM OF SAUDI ARABIA owned by the Kuwaiti MTC (tender stage).

➤ **3rd Gsm network in Kenya:**

- Construction of the 3rd mobile network in KENYA (FTK) (tender stage).

➤ **LYBIAN BROADCAST AUTHORITY (LYBIA):**

- Installation of 2 guide mast tower of 150m height.
- Installation of 2 self-supported towers of 125m height.

➤ **MCIT(Ministry Of Communications & Information Technology):**

- Design & construction of the admin. buildings of the **smart village**(Cairo-Alex Desert road)(FTK).

➤ **Titan –Larage(Beni suif cement company):**

- Construction of the dispatch office building in Beni suif (FTK).
- Construction of slab on grid & internal roads inside Beni suif factory.
- Rehabilitation of warehouses of Beni suif factory.

➤ **ITALCEMENTA (Suez Cement Company):**

- Construction of DATA Centre (maadi – katamyia).

➤ **Central Bank of EGYPT(CBE):**

- Optimization of banknote print house bldgs. & warehouses
- Renewal of internal machines room(s) inside the banknote print house.
- Construction of the fence and the guard rooms at the new print house at 6th October.
- Optimization of Oil warehouses.
- Optimization of cutback area.