





Pre Qualification



Tabel of Contnets

- Contents
- PREFACE
- COMPANY INTERODUCTION
- **ACTIVITIES & SERVICES**
 - CONSTRUCTION
 - List of Accomplished Projects
 - List of On Going Projects
 - ASPHALT WORK
 - List of Heavy Equipment
 - List of Lifting Equipment
- WATER PROOFING & CONCRETE REPAIR
 - CONSTRUCTION WATER PROOFING
 - CONCRETE REPAIR
 - SERVICES
 - CONSTRUCTION / REPAIR/REHABILITATION SERVICES
 - LIST OF MANPOWER

- ORGANIZATION CHART
- QUALITY ASSURANCE / QUALITY CONTROL
 - QUALITY CONTROL PLAN
 - ✓ FIELD QUALITY RECORDS
- MEP WORKS
 - Mechanical
 - Electrical
 - Piping
 - Sole distributor
- FINISHING WORK
- BANK ACCOUNT
- LEGAL DOCUMENTS
- **OUR ACHIEVEMENTS**

🖓 جدة - حي الصفاء - شارع أحمد بن البناء - الرمز البريدي : 23453 - الرقم الإضاف.ي : 4469



PREFACE

BAK United Contracting Co. For General Contracting (BAK) was founded to meet the growing demand, especially in the sector of Construction & Rehabilitation for concrete structure work. We look forward to contribute significantly to the development of the economic potential of the country, by taking part in the development of the economic potential of the Kingdom of Saudi Arabia, by taking part in the growing construction industry.

We have a dynamic multinational-technically qualified team, with noticeable experience in executing various projects. Our team are hardworking and highly adaptive. The professional service and hardworking and adaptive. The professional service and high efficiency led to very rapid and

successful growth of BAK. We are staffed with committed people with professional management. Today, BAK has a high reputation amongst different local companies as a professional Contracting and Maintenance.

Absolute commitment total customer satisfaction and sustained partner relationship has been the foundation of our success. Moreover, the experience and expertise of our professional team and in depth of our local markets have played a key rolein the success of BAK.

OUR VISION

Through a process of continuous improvement, to work towards a high quality of life for everyone, by driving the creation of a secure, sustainable and healthy construction environment.

OUR MISSION

To fulfill the obligation of our client maintain a fair and equitable construction environment, in which local businesses can thrive. To do so in a way that not only adds value to our services provided, but also directly supports the corporations and values to the benefit of the local community.



Company Introduction

BAK United Contracting Co. (BAK) was established in 15-03-1429 and registered under CR No. 4030177484 in Jeddah, it has been involved in different operations through the years in the whole Kingdom of Saudi Arabia.

CEO Massage:

Offer the highest quality work to customers is my prime directive.

Just like in other businesses, customers satisfaction is the ultimate goal for project construction business. Even though this cannot be easily realized in project construction industry, I believe I must lead

my company to achieve the quality recognized all over the Kingdome.





Activities & Services





Engineering Department

This is the central, the pivotal department of the company, and all the rest are peripheral. It has responsibility of handing over the projects on time within the target budget without sacrificing the quality and safety. The management and supervision of the projects are the primary responsibilities of the department. This department is headed by the Project Operations Manager. BAK Project Operations Department has been tried and tested through time with three decades of experience and teamwork.

Large-scale construction requires collaboration across multiple disciplines. An architect normally manages the job, and a Construction Manager, design engineer, construction engineer or project manager supervises it. For the successful execution of a project, effective planning is essential. Those involved with the design and execution of the infrastructure in question must consider zoning requirements, the environmental impact of the job, the successful scheduling, budgeting, construction-site safety, availability and transportation

of building materials, logistics, inconvenience to the public caused by construction delays and bidding, etc. The largest construction projects are referred to as Mega Projects.





Our Accomplished Projects

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Description :- Jabal e Umar Development Co. Makkah

Work :- Construction of 22 Floor Tower



Work

:- Construction of Factory Building











Work :- Construction of Tower Building







Description :- WA Hotel - Jeddah

Work :- Construction of Hotel Building



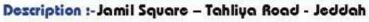




Work :- Construction of a Bank (Building)







Work :- Construction of Office Building





Description :- Makkah Tower - Makkah

Work :- Construction of 32 Floor Building







Description :- General Material Lab. 502x Phase - II, Jeddal

Work :- Construction of Lab. Building







Description :- Preparatory Female Class Room - 204x Phase-II - Jedge

Work :- Construction of University Building







Description :- Children Hospital of National Guard - Jeddah

Work :- Construction of Hospital Building







Description:-Hajreen Towers - Jeddah

Work :- Construction of Hospital Towers







Description :- Bayat Jameel Apartments - Jeddah

Work :- Construction of Commercial Building







Description :- DAN Tower - Jeddah

Work :- Construction of Commercial Office Building







Work :- Construction of 22 Floor Building









Work :- Construction of Office and Shopping Mall







Description :- Al-Kiyyal - Rawadah Building - Jeddah

Work :- Construction of Commercial Building







Description :- Sara Care Center - Jeddah

Work :- Construction of Hospital Building







Description :- Saudi German Hospital - Makkah

Work :- Construction of Medical City







Work :- Construction of Club







Description :- Saudi German Hospital - Jeddah
Work :- Construction of Medical Complex







Description :- Hajreen Compound Phase-05 - Jeddah

Work :-Construction of Hajreen Village







Description :- Hajreen Compound Phase-06 - Jeddah

Work :-Construction of Hajreen Village







Description :- Herra Shopping Mall - Jeddah

Work :- Construction of Commercial Building Towers







Work :-Construction of Hospital Building









(32)







:-Construction of Commercial Building



Our On-Boing Projects

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Description:- Retaj Villas - Makkah

A residential project in partnership with the

Ministry of Housing Work







Description :- Retaj Building Work - Makkah

Work :- Construction of Diverse Residential Buildings







Description :- Private Villa - Jeddah

Work :- Construction of Private Villa





Description :- The VU€ Project - Jeddah

Work :- Construction of 18 Levels Building









Description :- The Sports Boulevard Project - Riyadh

Work :- Construction of Underpasses







Description :- Murjan Hospital Parking Project - Jeddah

Work :- Construction of Parking Building







Description :- KSP - Royal Art Complex Project - Riyadh
Construction of National & Medium Theatre
:-and Hospitality

Asphalat Works

As an established independent surfacing contractor we offer a comprehensive service operating in accordance with industry standards. This includes on-site surveys and evaluation of customer requirements, detailed estimates, followed by high quality in-house surfacing.

The Asphalt Works Limited undertakes all machine and hand-laid asphalt/bituminous macadam projects for road surfacing and maintenance schemes. In addition, our vastly experienced team are fully equipped to deal with a wide range of surfacing requirements from superstore car parks, major highway works to the private and domestic market. In general we undertake a wide variety of surfacing works for a diverse range of clients.



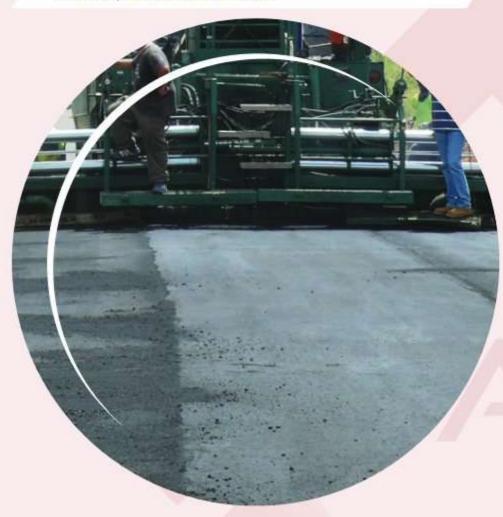


EARTH WORK AND SPREADING OF SUB - BASE





























List of Heavy Equipment

- 06 тоуота ніасе
- 02 ISUZU SINGLE DOOR
- 07 ISUZU DOUBLE DOOR
- 20 LOADER CUTTERPLLIER
- 20 BENDING MACHINE
- 50 DUMP TRUCKS
- 02 STEEL CUTTING MACHINE
- 06 AIR COMPRESSOR MITSUBISHI 300 CFM

- 04 ASPHALT CUTTER ROBIN 12"
- PLATE COMPACTOR TOYO 1/1/2"
- 02 ROLLAR BOMAG 10 TON
- 04 DEWATERING PUMP ROBIN 4" OUT LET
- MOBILE CRANE
 (20 TONS / 31 LM TADANO / TL 200 E TL 200)
- MOBILE CRANE
 (25 TONS / 31 LM TADANO / NK 250 TL 250)
- MOBILE CRANE
 [50 TONS / 41 LM TADANO / NK 500 E]
- (02) SHEVAL (950-F)

Water Proofing & Concrete Repair

Construction of water proofing:

In building construction, a structure needs waterproofing since concrete itself will not be watertight on its own (but note concrete is easily waterproofed with additives). The conventional system of waterproofing involves 'membranes'. This relies on the application of one or more layers of membrane (available in various materials: e.g., bitumen, silicate, PVC, EPDM etc.) that act as a barrier between the water and the building structure, preventing the passage of water. However, the membrane system relies on exacting application, presenting difficulties. Problems with application or adherence to the substrate can lead to leakage. In the UK these membranes are rearly allowed below ground below the water table.

Over the past two decades, the construction industry has had technological advances in waterproofing materials, including integral waterproofing systems as well as more advanced membrane materials.



Integral systems work within the matrix of a concrete structure, giving the concrete itself a waterproof quality. There are two main types of integral waterproofing systems: the hydrophilic and the hydrophobic systems. A hydrophilic system typically uses a crystallization technology that replaces the water in the concrete with insoluble crystals. Various brands available in the market claim similar properties, but not all can react with a wide range of cement hydration by-products, and thus require caution. Hydrophobic systems use fatty acids to block pores within the concrete, preventing water passage.

New membrane materials seek to overcome shortcomings in older methods like PVC and HDPE. Generally, new technology in waterproof membranes relies on polymer-based materials that are extremely adhesive to create a seamless barrier around the outside of a structure.



Concrete Repair

There are many causes of concrete damage. Many times it is caused by corrosion, freeze thaw, over loading and blunt force. But there are literally dozens of reasons why; but the resolve is all the same. It must be repaired to keep the structural integrity of the structure.

It is always more cost effective to maintain concrete then it is to replace it. However, many times maintenance is not an option. One of the first common indicators of concrete damage is cracking. When a crack affects the performance of the structure, then we will repair it to restore its structural properties. Epoxy injection is typically the basis for this type of repair, with or without added reinforcement. The injected epoxy is actually stronger than the concrete and can restore the concrete strength, but if there is an underlying problem, such as an overloaded structure or some movement condition, the concrete will simply crack again in another location.





As with most repaired areas, the edges of the repaired areas should be cut at a 90-degree angle. Feather edges should be avoided at all costs. The configuration of the area to be repaired should be kept as simple as possible, and preferably square. An excellent and fairly simple source of more information on this technique is ICRI's Guide for Surface Preparation for the Repair of Deteriorated Concrete Resulting from Reinforcing Steel Corrosion, Guideline No. 03730.

If strengthening is needed, there are a variety of techniques used, including simply increasing the size of the concrete member and external reinforcing. External reinforcing is often accomplished by bonding some sort of flexible reinforcement, like carbon or glass fibers, to the exterior of the concrete member then covering it with placed concrete, troweled-on concrete, or shotcrete.

BAK United Contracting Co. (BAK) is able to offer Professional Advice, and turnkey Construction / Maintenance / Rehabilitation / Water Proofing / Protection services in the areas detailed below;



Services

Utilizing the wide experience of our in house staff coupled with the resources of our sister company (NCE) we are also able to provide the full range of construction services related to maintenance work including new building work and the alterations to existing buildings and maintenance work on existing building coupled with and as an adjunct to our concrete repair expertise including:

- Construction Services Industrial, Substations, Commercial and Residential Buildings.
- General Concrete Rehabilitation and Reconstruction.
- Building construction work related to general maintenance work.
- Concrete Protection.
- Corrosion Prevention.
- Floor rehabilitation using cementations and epoxy screeds and coatings using "dust free" machinery.
- Epoxy crack injection for structural restoration.
- Polyurethane crack injection for sealing cracks and porous areas and general leaks.





Services

- Application of cementations and epoxy coatings to water and sewerage retaining structures, cooling pipe lines etc.
- Shotcreting.
- Acid and Petrochemical resistant linings and tiling.
- General concrete maintenance contracts including plant shutdown activities.
- Rehabilitation of mechanical plant foundations.
- Sandblasting and Painting of Steel Pipes.
- Large Diameter FRP and Concrete Pipes Inspection, Repair and Replacement.



Construction / Repair / Rehabilitation Services

- High and low pressure crack injection using epoxy and cementitious products.
- Sealing leaks to all concrete structures.
- Old Floors-Rehabilitation.
- New Floors-Protection from abrasion, chemicals, thermal shock.
- Special Floors-Anti-static-Anti-slip-Anti-dust.
- The rehabilitation of all types of floor joints.
- The repair of machine foundations, concrete tanks and general concrete works using cementitious and epoxy products.
- The application of high technology linings to protect concrete against acid and petrochemical attack.

The ability to provide in-house wet or dry sandblasting and shotcreting as a part of the rehabilitation process.
 The surface preparation of floors using grinding or

scarifying process utilizing the latest equipment from the USA which provides a dust free working environment.





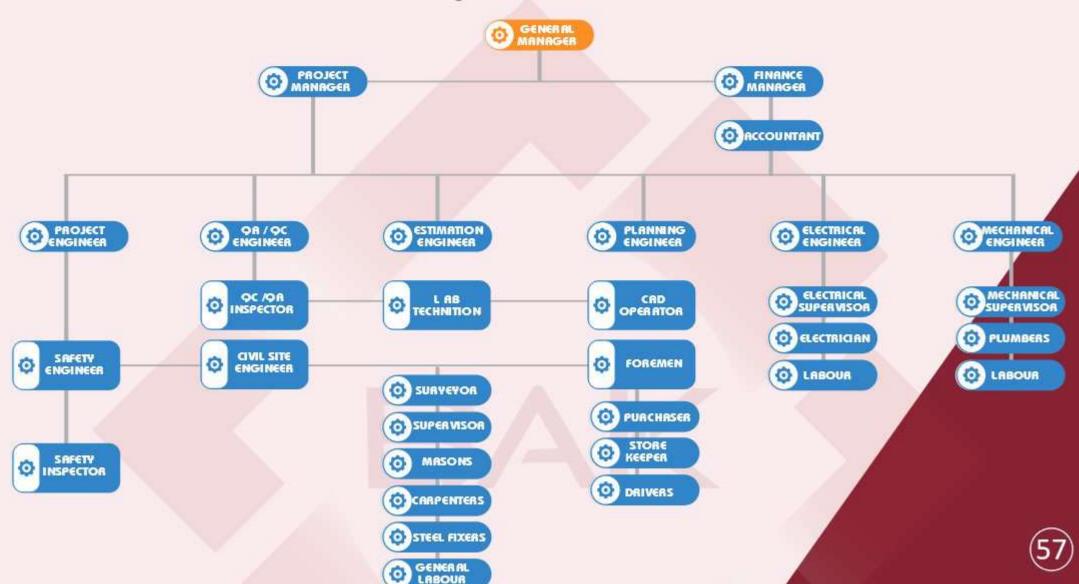
List of Manpower

| | | mist |
|-------------|---------------------------------|------|
| Þ | CEO / Cheif of Organization | 01 |
| > | General Manager | 01 |
| > | Executive Manager | 02 |
| > | Director of Projects Management | 01 |
| > | Project Manager | 07 |
| > | Office & Finance Manager | 02 |
| > | Marketing Manager | 02 |
| > | Project Engineer | 08 |
| > | Civil Engineer | 17 |
| → | Estimation Engineer | 06 |
| > | Electrical Engineer | 05 |
| D | Mechanical Engineer | 02 |

| 7 | 50 |
|------|---------|
| TERM | MEMBERS |

| > | Safety Engineer | 11 |
|----------|----------------------|-----|
| > | Surveyor | 10 |
| > | Material Coordinator | 03 |
| ▶ | Civil Supervisor | 26 |
| > | Plumbers | 25 |
| > | Electrician | 40 |
| > | Mazonz | 50 |
| > | Labours | 126 |
| > | Carpenters | 345 |
| → | Steel Fixers | 260 |

Organizational Chart



Quality assurance/ quality control department has organized to meet various quality requirement of the construction line different type of soil test such as load bearing capacity test, dry density test, water table test etc. slump test, concrete temperature, compression and tensile test, dimensional check physical test, Paint film thickness test, compaction and other special tests will be arranged through services of specialist agencies. Very soon company is going to start for ISO 9000 accreditation.



SCOPE.

This procedure is provided for control for control of preparation and maintenance of evidence of quality related to the field.



Responsibility

PM / CM in conjunction with ----- and owner shall define the records, required to be turned over to the owner or project, which will be created at the field during construction.

CS / QAE will collect and file the record designated by project, and turn over them as schedule. CS / DC will establish the filing and indexing procedures on the record which will be collected at the field and will keep records clean and current, and maintain in the storage up to turn over. Quality records will include the following:

Test and inspection reports.

Material and equipment certifications required by specification

Equipment maintenance / Preservation. As build drawings

Field Design changes / Deviation

The following quality control forms shall be used.

(Here "G" denotes General Inspection format "C"

Civil inspection format "S" safety)



Level of Responsibilities

The QC engineer has the overall responsibility to organize, implement, coordinate conduct and manage the QC PLAN. It shall be his responsibility to report any deficiencies in the quality of work to the project manager. He has the authority to stop work in any area where discrepancies remain uncorrected and shall cancel the stop work order or non-conformance report upon satisfactory correction of noted deficiencies. The quality control procedures are properly implemented. The QA / QC Engineer will assist QC Engineer for all the functions and responsibilities of him. The QC inspectors (Civil, Bldg) shall be under the direct supervision of the QC Engineer. They shall conduct preliminary inspections prior to joint inspections with the client's representative. They shall monitory the required test and record inspections and test made. They shall ensure that all material and equipment to be incorporated into permanent construction are in construction are in compliance with the contractor's plans and specifications and with the client's approval. The QC inspectors will inform to QC engineer if any discrepancies on the work which does not comply with, or which we





Mechanical

HVAC

The main purpose of a Heating, Ventilation and Air-Conditioning (HVAC) system is to help maintain a good indoor air quality through adequate ventilation with filtration and also to provide thermal comfort. HVAC systems are among the largest energy consumers in schools. The choice and design of the HVAC system can also affect many other high performance goals, including water consumption (water cooled air conditioning equipment) and acoustics.

The standard often incorporated into state and local building codes is ASHARE standard 62.1-2010; Ventilation for Acceptable Indoor Air Quality and its published Addenda. It specifies the amount of outside air that must be provided by natural or mechanical ventilation systems to various areas of the school, including classrooms, gymnasiums, kitchens and other special use areas.



Electrical

Power Transmission and Distribution

We are one of the main leaders in the Power Generation sector. Having extensive experience in the supply, installation, testing, commissioning, operation and maintenance of low voltage and medium voltage power system that includes generating units, transformers, switch gears, LV and MV cables and fuel supply systems. Please click here

for more information and picture gallery.







Fire Fighting

Recognizing the importance of the stage in terms of easy access to multiple security services, we have become specialists in providing integrated solutions under one roof for all types of high quality fire fighting equipment, fire protection systems, alarm systems, We have the determination to reach customer satisfaction in full and keep abreast of the development and development that the Kingdom is pursuing based on its vision 2030, including attracting the most talented, dedicated and dedicated staff in all departments. Our team consists of engineers, technicians and workers, specialized and well trained, conscious management, In order to reach...







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Wuxi York Intelligent Technology







Steel Structure — The Future of Structure

Steel structure is a metal structure which is made of structural steel* components connect with each other to carry loads and provide full rigidity. Because of the high strength grade of steel, this structure is reliable and requires less raw materials than other types of structure like concrete structure and timber structure.

In modern construction, steel structures is used for almost every type of structure including heavy industrial building, high-rise building, equipment support system, infrastructure, bridge, tower, airport terminal, heavy industrial plant, pipe rack, etc.

Structural steel is one of the materials which used for any kind steel construction, it is formed with a specific shape. These steel materials are of certain standards of chemical composition and proper strength. The steel materials are also defined as hot rolled products, having cross sections like angles, channels and beam.

We have a proven track record of supplying large and complex fabrications such as clean air, furnaces, large duct work, bulk storage, material handling, structural steel. Hoppers, and chutes for industries that include utilities, mining, oil & gas, industrial, alternative energy and solar.

We offer the widest variety of building products and the best construction supplies. We provide services and search products for residential and commercial construction sites and work with the industry-leading suppliers in the construction/remodeling field.

We are expert at assisting clients to choose the best option for every construction application. If you're not able to locate exactly what need, just let us know. No matter what your construction requires, wherever your construction site.







Finishing work

Plastering Work:

Plastering is the process of covering rough walls and uneven surfaces in the construction of houses and other structures with a plastic material, called plaster, which is a mixture of lime or cement concrete and sand along with the required quantity of water.

Flooring Work:

There are 2 types of floor construction used in construction today; these can be classed as either Suspended or Solid. Solid floors are a lot more substantial and require the ground to be made up in layers of ground sub base, sand, compacted hard core, damp proof membrane, insulation and concrete.

Ceiling Work:

Ceiling, the overhead surface or surfaces covering a room, and the underside of a floor or a roof. Ceilings are often used to hide floor and roof construction.

Paint Work:

The painting process includes preparing pre-formed material, base coating, drying, overlay coating and drying and the methods used to do these steps vary based on the different coatings and requirements.











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