



## Consulting Engineering Bureau, Tikrit University Profile

INNOVATIVE HORIZONZ



## CEO Message

Based on the challenging situations and years I spent in this country, I have witnessed the highs and lows of the global and countrywide economy first hand. Even then, I can safely state that the Iraq has always been a trendsetter. In the current economy, as the slowdown in emerging markets starts to relay its effect globally again, Iraq remains poised for growth slowly but surely. This has only been made possible under the wise and visionary leadership of the Iraq



With all the swift growth that this wonderful country has experienced in the last 23 years, conventional infrastructure is no longer enough to meet habitation needs. We anticipated this evolution long ago and have been keenly adding value by delivering modern and futuristic roads/ infrastructure developments, in line with the Iraq leadership's vision.

We are proud to say that so far, all our delivered projects resonate state-of-the-art advances in Roads & Infrastructure Development in the Iraq and middle east countries.

Our distinguished team of architects, consultant engineers in different majors & planning professionals are relentlessly pursuing advancements in key Infrastructural developments. All these experiences are under the umbrella of Consulting Engineering Bureau - Tikrit University (CEBTU).

Finally, I would like to state that it is CEBTU's goal to engineer projects that would modernize the entire outlook of Industry, roads and infrastructure sector in Iraq.

***Dr. Saad R. Ahmed***





## Vision

To provide our clients with safe, sustainable, and innovative solutions and services that comply with local and international standards

## Mission

To strive to accomplish a professional and creative environment for our staff to be able to apply their knowledge and expertise in a nurturing atmosphere

# Preface

The Consulting Engineering Bureau, Tikrit University (CEBTU) was established in 1991 based on the provisions of Article Fourteen of the Law of Engineering Consulting Offices in Higher Education and Scientific Research Institutions No. (64) of 1979 and Paragraph (2) of Revolutionary Command Council Resolution No. (489) of 20/7/1987. Since then, it has become one of the leading names in Engineering Consultancy in the region as a provider of Civil, Mechanical, Chemical, Environmental and Electrical Engineering and Architectural Services. Having a humble start with a small group, now it employs over a hundred professionals, including Engineers, Cost Consultants and Construction Management Professionals.

CEBTU is offering a wide range of services that includes Highways and Bridges Design, Utilities and Networks Design, Contracts and Cost Consultancy, Construction and Program Management, Architectural and Electromechanical Design, Urban and Master Planning, Landscaping, and Transportation Planning, aiming to cater for all our clients' needs to be provided in one integrated offer. Moreover, it offers an accredited (ISO 17025/2015) tests of construction materials, soil, chemicals, water and metal testing laboratories to analyze different materials.

Applying innovative, pioneer and sustainable solutions, while empowering our employees, along with the thoughtful contribution of our clients to achieve the most effective designs, has proven to be a successful method to achieve CEBTU's objectives. For that goal, we ensured that our systems and resources had been always governed by ISO 9001:2015 for the Quality Management Systems.

Utilizing our extensive experience have resulted a great success in delivering many significant projects within Iraq for various Clients, such as Ministry of Oil, Ministry of Electricity, Ministry of Rebuilding and Residential and other governmental agencies. It also provide excellent services for private companies and organizations and many more whom we enjoy exceptionally close business relationships, and where we delivered for them various key projects.

# Our Values







## Core Values

### Clients

At CEBTU, our success is measured by the success of our clients. We are setting industry standards for our clients' services and solutions. We are passionate about solving client's problems and exploring new opportunities with them. CEBTU is distinct from others by understanding client's specific needs, then exceeding their expectations.

### Integrity

CEBTU manages to grow as a leading, reputable firm in this business, which makes ethical decisions, keeps commitments, and treats others with mutual respect, and trust from all.

### Employees

Our success was never possible without engaging respect, and encouraging our employees' ideas, diversity, and culture. CEBTU's employees are the heart of our business, and the reason behind our achievements.

### Innovation

CEBTU goes the extra mile to put the utmost effort to innovate creative, new, or better ways to provide our expertise in all dimensions of our business. Creativity, exploration, and imagination are keys to our approach to our work. Our offered innovative solutions are realistic and fulfilling the precise requirement of our clients.

### Agility

The enthusiastic and well-trained workforce of CEBTU embraces change, flexibility, and adaptation to the rapidly evolving engineering market. In CEBTU, we strive to anticipate changes in market drivers and works with our clients and employees to adapt to those changes. It enables us to provide quick solutions to execute our clients' prestigious projects seamlessly within the planned project timeframe.



## Strategic Aspirations

### Expansion in the Region:

We are on a mission to expand our services in Iraq and major parts of the Middle East. The initial phase of this development strategy will include stretching our operations to the capital city of the IRAQ through new offices in Baghdad, Mosul and Basrah. This phase also includes further expansions to cater for the Northern Emirates.

The next phase will include branches for CEBTU to be launched in the dominant countries in middle east in addition to launching a subsidiary of CEBTU in Egypt and Turkey.

### Collaboration with International Engineering Firms:

CEBTU believes in teamwork and to develop, strengthen, and enrich our experience and services to our clients, we are currently in consultation with major International Engineering Firms to move towards alliances, where we will be working together towards being our clients' first choice.

### Becoming Clients' One-Stop Shop:

CEBTU is determined to be a prime destination for all engineering and architecture fields in the Middle Eastern region. Adding new sectors to our engineering consultation services is a major part of achieving this feat. We've grown with the trust our clients have in our services. We believe by expanding our innovative offering CEBTU will be fully equipped to provide all types of engineering integrated solutions that suit our clients' needs.

# Our Services











## Highways and Bridges

As the demand for highways and bridges increases, CEBTU is ready to help our clients with comprehensive civil, structural, and transportation engineering skills. We also provide simulation services of oil industry and different process operation services. We tailor our services to each project, helping our clients in delivering design drawings, budgeted costs and material estimates, meet critical milestones, and achieve their expectation for the completed project.

Our expertise, innovation, and creative approach to solving highway and bridge design problems has produced top-grade highways and bridges that ensure a safe and seamless traveling environment for end users.



## Utilities and Infrastructures

We take the challenge of producing outstanding infrastructure designs. It is a must for a reputed engineering consultancy to satisfy the utility service demands of the public as per the identified standards set by the local utility authorities. CEBTU's utility team comprises of qualified engineers that handle the dry and wet infrastructure services. Dry services include the design of electrical power, street lighting, CCTV, and telecommunication services. Wet services, include the design of potable water, storm water, sewer, irrigation and fire fighting systems.



## Landscaping and Public Realm

When it comes to landscaping and public realm we believe that these elements need to be given a great deal of design attention. Working holistically, we help shape developments that are fully integrated with the surrounding urban area, balancing the visual identity, cultural relevance, heritage, and long-term aspirations of the communities they serve.

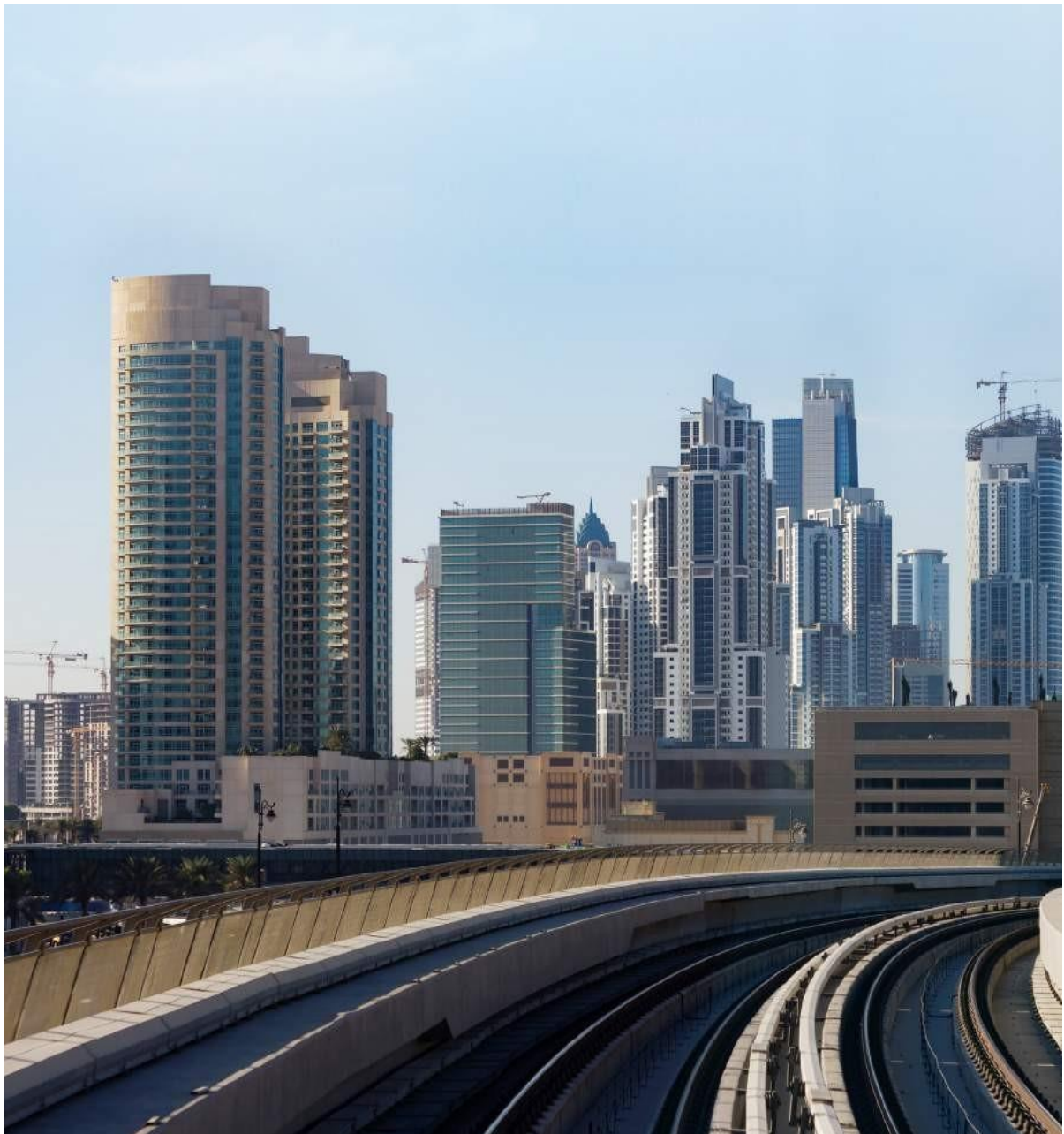
CEBTU have a proven track record in delivering landscaping projects that saves significant cost, and minimizes waste and disruption the local environment, while fully supporting the aspirations of local communities.



## Transport Planning

The movement of people and vehicles plays a key role in development proposals. Therefore our clients proposal's transport implications need to be identified and dealt with at an early stage of the planning process. Our experts produce Transport Impact Studies that identify measures that may be required to deal with predicted transport effects. These range from slight modifications of the existing highway to major new transport infrastructure. They also include ways of improving accessibility and safety for all users, particularly pedestrians, cyclists, public transport users and the mobility impaired.

Transport modelling plays an integral part of the appraisal process. We have continued to develop our transport modelling capabilities and can offer comprehensive modelling services, including wide-area network assignment modelling and micro-simulation techniques. We have extensive experience in developing models using VISUM and VISSIM software.







## Urban and Master Planning

Movement is essential to the growth and longevity of sustainable communities and that successful places have a clear integrated movement framework and are developed at the human scale. As societies become increasingly aware of the need for coherent and sustainable living environments, effective urban planning and development has become a high priority.

CEBTU works closely with our clients to develop master plans usually through a workshop process to provide design advice and expertise in relation to movement issues for development projects. Our technical master planning services help develop urban areas in a holistic, integrated manner resulting in healthy, safe places in which people can thrive, communities can grow, and the environment can flourish.



## Architecture and Building Engineering

The architecture industry is getting more challenging and demanding in terms of budget and schedule. Nowadays, every client seems to be striving for uniqueness in design to stay ahead of the competition, and they are not willing to compromise on any of their needs including green, sustainable structures.

We welcome the challenge. By carefully addressing the client's needs, by understanding their aspirations and do our best to translate it into reality. Our architectural team produces various innovative architectural designs for residential, commercial and other types of buildings. We also emphasize on the best quality practices such as LEED, green building, solar technology to create unique structures that are sustainable and environment-friendly.





## Project and Construction Management

CEBTU is a leading provider of Project & Construction Management services to civil engineering infrastructure and transport schemes. Our consulting engineers manage all project and construction activities including planning, co-ordination, control and supervision from inception to completion. We are committed to fulfilling clients' needs, delivering a functional and cost-effective result.

Our project and construction managers are multi-skilled professionals with experience in most design disciplines and comprehensive knowledge of managing various types of contract. We are proficient in all areas of project and construction management including planning, programming, site investigation and supervision, design management, contract administration, procurement and purchasing, and quality control and assurance. We have extensive experience in managing the interactions between the many different stakeholders within each project. Our team provides a single point of contact for all parties.



## Contracts & Cost Consultancy

CEBTU consultancy team provides the public and private sector with a comprehensive project consultation for pre- and post contract administration, claims management, commercial and contractual support with a focus on minimizing client risks and enhancing value.





## Our Approach



## Integrated Management Systems - Capability Statement

It is the policy of CEBTU to strive for operational excellence and supply its clients with a service that is above their expectation that complies with contractual and agreed requirements.

Operations will follow applicable rules, regulations, and legislation. The integrated management system allows normal business decision-making processes to control monitor & reduce risks and verify performance.

CEBTU is striving to achieve the highest management standards with emphasis placed upon managing and controlling risks. CEBTU delivers a high-quality product, implements highly safe working practices, protects the environment and continuously improve the skills and performance of all involved to achieve Quality Excellence in friendly working environment.

CEBTU is committed to enhancing client satisfaction, continual improvement, and effectiveness of the integrated management system. This integrated policy is appropriate for the organization and provides the framework for establishing objectives and targets. There is a constant drive to satisfy our clients, while always being mindful of our responsibility to our customers, employees and the community. This involves the active participation, endeavor, and ideas of all involved.

These high standards of work will be achieved by operating to a quality and environmental integrated management system that meets the requirements of ISO 9001:2015. The system is based on the attitude of CEBTU towards quality, industry standards, and client expectations.

Compliance with this policy, objectives, procedures and work instructions is mandatory and binding upon all working for CEBTU.

This Policy is communicated and understood within the organization and is available to the public, clients and interested parties and will be reviewed for continuing relevance.







## Quality Assurance and Project Delivery

### (ISO 9001:2015)

CEBTU is an engineering services provider in the professional technical and management support field. CEBTU is proud to provide a wide range of services that includes Highways and Bridges Design, Utilities and Infrastructure Design, Contracts and Cost Consultancy, Construction and Program Management, Architectural and Electromechanical, Urban and Master Planning, Landscaping, Transportation Planning, Chemical Process Simulation, Design of Electrical Power System and Insulation, Lighting systems, and Material Testing. Project Delivery System (PDS) serves as a guideline to all employees on how to approach a project. We, at CEBTU, take pride in products delivered to our clients as both unique and consistent. Our PDS ensures that products have been thoroughly revised and approved by the appropriate chain of command to deliver top quality consistent products every time. Employees within CEBTU easily adopt our PDS due to its easy and logical steps.

CEBTU implements a PDS, which will serve as the single system for project delivery for all CEBTU employees. It will direct employees to the specific procedures, forms, and other materials needed for their activities, as well as information to successfully manage projects and comply with Integrated Management System (IMS) requirements. PDS applies to all CEBTU projects.

The PDS document divides a project into four stages of delivery as follows:

- Tendering and Proposal
- Planning and Control
- Execution
- Close-Out

Our CEBTU earned a certificate of Compliance with ISO 9001/2015 from the Ministry of Planning. Each stage of those is further divided into procedures to explain the steps that should be taken to complete the required work for any proposal/project. All necessary forms for each stage are also presented at the end of each section. The forms must be completed by the concerned

implementation of the mandatory steps. These forms ensure proper documentation of the work being carried out, which will also be used



## Health, Safety and Environment

(ISO 14001:2015, OHSAS 18001:2007)

It is the policy of CEBTU to ensure the health and safety of our employees and those around us. We aim to raise awareness in health, safety and environmental (HSE) practices throughout all activities we are involved in and in the communities around us.

CEBTU strives to provide facilities and operations that do not contain unreasonable risk to either our employees or the communities benefiting from our services. We are also committed to protecting the environment and its natural resources.

CEBTU is devoted to reducing its carbon footprint from any company related activities to the minimum, by reducing and monitoring energy, water, and any other natural resources consumption and to recycle and reduce waste. All operations will follow the applicable rules, regulations and legislation. We are in process to earn a certificate of compliance with ISO 14001/2015 and OHSAS 18001/2007.

Our HSE Management Systems allow us to plan our business decision-making processes to control, monitor, reduce risks, and verify our performance. We will train our employees and raise awareness of the importance of health, safety, and the environment, to ensure our vision to prevent work-related illness & injuries, or damages to any property or equipment, whether it is our own or belongs to the community, and prevent serious environmental impacts by our operations.

Our employees will exercise sound judgment as to not place anyone in harm's way or endanger the environment. Employees will immediately cease activities the moment when they adversely affect health, safety or environment, and will report any accidents to their direct supervisor.

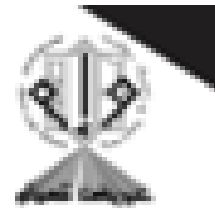




CEBTU will strive to always improve our HSE procedures and performance by actively listening to suggestions and ideas from our employees and customers. We will also keep a keen eye on new practices that will help us continuously improve. We will recognize those who help and contribute to improve our performance. We will meet all our clients' requirements as long as they do not conflict with our health, safety, and environment policy. We will not turn a blind eye on where no specific regulations exist but rather comply with CEBTU HSE policy.

These high standards of work will be achieved by operating to a safety, health, and environmental system that meets the requirements of ISO 14001:2015 & OHSAS 18001:2007. The system is based on the attitude of CEBTU towards quality and environment safety, industry standards and Client expectations. Compliance with this policy, objectives, procedures and work instructions is mandatory and binding upon all working for CEBTU.

This Policy is communicated and understood within the organization and is available to the public, clients and interested parties and will be reviewed for continuing relevance.



## Accreditation of Testing

### ISO 17025/2015

CEBTU Testing laboratories are accredited in accordance with ISO/IEC 17025:2017 General Criteria for the Testing of Construction Materials, Solid and Liquid Chemicals, Metals, and Water.

CEBTU Testing laboratories is accredited in accordance with the requirements of Ministry of Planning in Iraq by the the Iraqi Accreditation Commission in accordance with the international standard ISO 17025,



## Sustainability

CEBTU cares deeply about the impact our work leaves on our world and our communities. As a global citizen we are committed to our purpose to innovate, and sustain the world's built, natural and social environments.

Our ultimate goals are derived from CEBTU's Core Values:

- Help our clients be more successful in a changing future.
- Operate all of our systems to reduce waste and consumption in order to maximize opportunity and innovation.
- Build an inclusive corporate culture that understands sustainability as a framework for decision making to manage risk and create opportunity.

Sustainability is an idea that transcends all of our business sectors. It is as much about how we frame the questions as it is about what we do, and it brings with it tremendous opportunities to do more with less, to create value, to prosper and to optimize conditions for human development over time.

Our strong commitment to sustainability guides our approach in everything we do, beginning with the moment we respond to a Request for Proposal and pull together the best minds and skill sets from our resources to examine the issues.





On every project CEBTU seeks to mitigate risk by understanding the true financial, environmental, human and social impact of our actions we can improve and protect profit margins, brand value, shareholder standing, employee satisfaction and the ability to continue to be successful in the future. Manage complexity we understand that any intervention in one system has an impact, positive or negative, on another system. Everything is interconnected and interdependent. Understanding these relationships allows us to create value by fixing today's problem while simultaneously anticipating future growth or change.

Sustainability for CEBTU is a business idea based on our understanding of the opportunities to create economic, social, environmental and human value while managing the risks posed by an uncertain future, CEBTU engages with our clients, employees, suppliers and local communities to implement transformational projects, provide thought leadership, and innovate.

An integrative idea drawing on our great diversity we collaborate with governments, local authorities, colleagues, the business community and not for profit institutions to help shape policy, approach and strategies to deliver more sustainable development in this region.

Understand cumulative effects we have the ability to examine each issue in context, not just in depth, but also in breadth to anticipate the unintended consequences and interactions and minimize risk.

Cope with uncertainty more than anything else, our clients need to be able to make the right decisions in the face of overwhelming uncertainty. With our vast range of resources, skill sets, experience and expertise across multiple business sectors, we have the ability to get the best possible answers by asking the right questions.

An operational idea to support a successful, sustainable future for our clients' business we recommend:

- Ways to reduce CO2 emissions.
- Encourage sustainable behavior in the workplace.
- Provide solutions that promote efficiency and reduce consumption.
- Minimize waste and encourage reuse and recycling wherever possible while ensuring value for money.

A corporate culture idea how we encourage our employees' passion for creating a better world and empower them to try new ideas and approaches that solve more than one problem at a time, allows us to do more with less.





## Corporate Social Responsibility

CEBTU has a continuous commitment to behave ethically and contribute to economic development while improving the quality of the life of the workforce and their families as well as of the local community and society at large.

We believe that the successful long-term future of our business can only be achieved by working collaboratively with all our stakeholder and in their interests.

CEBTU is committed to managing the Social Responsibility as an employer, and professional service provider to its clients by adopting operating principles which will provide guidance on:

- Social & Community Objectives
- Ethical Issues
- People Commitment

### Social & Community Objectives

We are committed to the communities in which we live and work. We understand the impacts we create on the local community in the everyday running of our business. Our direction:

- Partnering with schools wherever CEBTU operates.
- Encourage employees who like to involve themselves in public and charitable service.
- Give our time and expertise for free to local community groups and voluntary organizations.
- Aim to build long-term relationships with our suppliers and support small and local businesses.
- In our charitable giving, we aim to work together with charities and create a partnership that is in tune with our business values.

### Ethical Issues

CEBTU is committed to achieving and maintaining the highest standards of ethical conduct and institutional integrity. We seek to comply with all laws and regulations, accounting standards, and ethical guidelines. We abide by a set of global values and our foremost standards of conduct are integrity and respect, collaboration and trust. Our direction:



- A Code of Business Conduct whereby our employees are expected to follow a high standard of behavior at all times, both professionally and personally.
- All employees are encouraged to report any concerns they may have about unethical, dishonest, unsafe or inappropriate behavior in the workplace.
- A zero-tolerance approach to harassment or unwanted behavior or conduct that a recipient finds intimidating, upsetting, embarrassing, humiliating or offensive, or that violates a person's dignity.

## People Commitment

CEBTU strives to treat all stakeholders with respect and dignity. We strive to find solutions by looking at the issues together. Our direction:

- People are the bedrock of our business and we encourage lifelong learning throughout the firm. We extend this ethos to our relationships with clients.
- Respect our people and encourage their development and training.
- Aim to be a firm that is fully supportive of a diverse workforce including both gender and ethnicity.
- Consider the health and wellbeing and the work-life balance of our people.
- Aim to empower our people; we will consult and provide two-way communication for all matters.
- Recognize individual contributions and reward our people fairly.



# Our Achievements





## - Internal Roads in Tikrit City, Qadeseya

### ROADS & UTILITIES DESIGN

Roads &  
Transport Authority



CEBTU was awarded by Roads and Transport Authority (RTA) Roads Department the R1070 - Internal Roads in Tikrit, Qadeseya roads.

The neighborhood is approx. 70% developed consisting of existing villas, parks, mosques, and other amenities which are fully served by the electrical, water, telecom, and sewerage networks. Several internal roads including the spine collector roads are already constructed and in use, however, there are several internal roads approx. 16km are required to be constructed to serve the community.

The project, therefore, intends to complete all the remaining internal roads including street lighting, signage, drainage networks, and protection or relocation of existing utilities as per tender drawings, specification, and authority standards. The construction scope also includes the provision of the sidewalk, footpaths & soft mobility to enhance the overall environment and promote a safe pedestrian movement.

### Key Services

- Design NOCs from all relevant authorities (RTA, DEWA, DM, etc.).
- Cost Consultancy and Tendering Services.
- Construction Documentation & Supervision.

Location : Tikrit, IRAQ

Appointment : Highways; Utilities; Contracts, Cost Consultancy & Construction Supervision

Construction Value : 87 Million ID

Project Status : Ongoing



## Internal Roads in Al Door city, Iraq

### ROADS & UTILITIES DESIGN

Roads & Transport  
Authority (RTA)



CEBTU has been appointed by Roads and Transportation Authority (RTA) to carry out the comprehensive design of the internal residential roads within the three areas of Al Door. These are additional areas/scope to the original contract that was previously awarded on April 2021 for the internal roads.

This Work Order #1 consists of design the remaining unbuilt internal roads including street lighting, and proper signage as per the latest approved design standards, drainage network. Moreover, the Scope includes the design of the roads as per the latest right-of-way and the approved typical cross sections, designing a proper footpath to enhance and improve the overall environment and promote a safe pedestrian movement.

In addition to the road design, the scope also includes the construction, relocation, adjustment and protection of the main utility networks.

### Key Services

- Design NOCs from all relevant authorities (RTA, DEWA, DM, etc.).
- Cost Consultancy and Tendering Services.
- Construction Documentation & Supervision.

Location : Door IRAQ

Appointment : Highways, Utilities, Contracts, Cost Consultancy & Construction Supervision

Construction Value : 62 Million ID

Project Status : Ongoing

## Various Improvements & Implementing Quick Wins in Samarah

Roads & Transport Authority (RTA)

### ROADS, UTILITIES & LANDSCAPE DESIGN



CEBTU was awarded by Roads and Transport Authority (RTA) Roads Department the R1015/3A Various Improvements & Implementing Quick Wins in Samarah.

The consultancy services required for this project was to undertake the design and construction supervision for improvements to existing roads and intersections, widening of existing roads, parking, kerb lines and/ or new construction of the same and any other minor road works deemed necessary through numerous Work Orders from the RTA Roads Department.

### Key Services

- Design NOCs from all relevant authorities
- Cost Consultancy and Tendering Services.
- Construction Documentation & Supervision.

Location : Samarai, IRAQ  
Appointment : Highways; Utilities; Landscape; Contracts & Cost Consultancy  
Construction Value : 68 Million ID  
Project Status : Ongoing

## Design of a Chemical Storage Building in North Refineries Company

Ministry of Oil

### Soil Investigation, Design of Building, UTILITIES & Safety DESIGN



CEBTU was awarded by North Refineries Company the Contract of Designing a Chemical Storage Building in the site of the Company in Baiji.

The consultancy services required for this project was to undertake the design and construction supervision for improvements to existing chemical storage, widening of existing storages, parking, kerb lines and/ or new construction of the same and any other minor road works deemed necessary through numerous Work Orders from the company. This is a special design that considers all safety and security aspects.

### Key Services

- Design chemical storage from all relevant authorities (North Refineries Company, Ministry of Oil, etc.).
- Cost Consultancy and Tendering Services.
- Construction Documentation & Supervision.

Location : Baiji, IRAQ

Appointment : Highways; Utilities; Landscape; Contracts & Cost Consultancy

Construction Value : 76 Million ID

Project Status : Ongoing



## Sallahudin Rail – Stage 2

### ROADS, UTILITIES & BRIDGES DESIGN

Ministry of  
Transportation



Etihad Rail comprises a proposed railway network, linking freight facilities and passenger stations, and form a part of the planned Ministry of Transportation of Iraq (MOT) railway Network. It will run from Tikrit border in the west to Jordan and the East Coast. There will be a line running from Baghdad to Tikrit, with intended connection into Iran borders.

CEBTU was awarded Stage 2 Package 2F2 of the development that will connect the Rail network through to the port of Fujairah on the eastern seaboard. This project will link future freight facilities and passenger stations to form a part of the GCC strategic railway network.

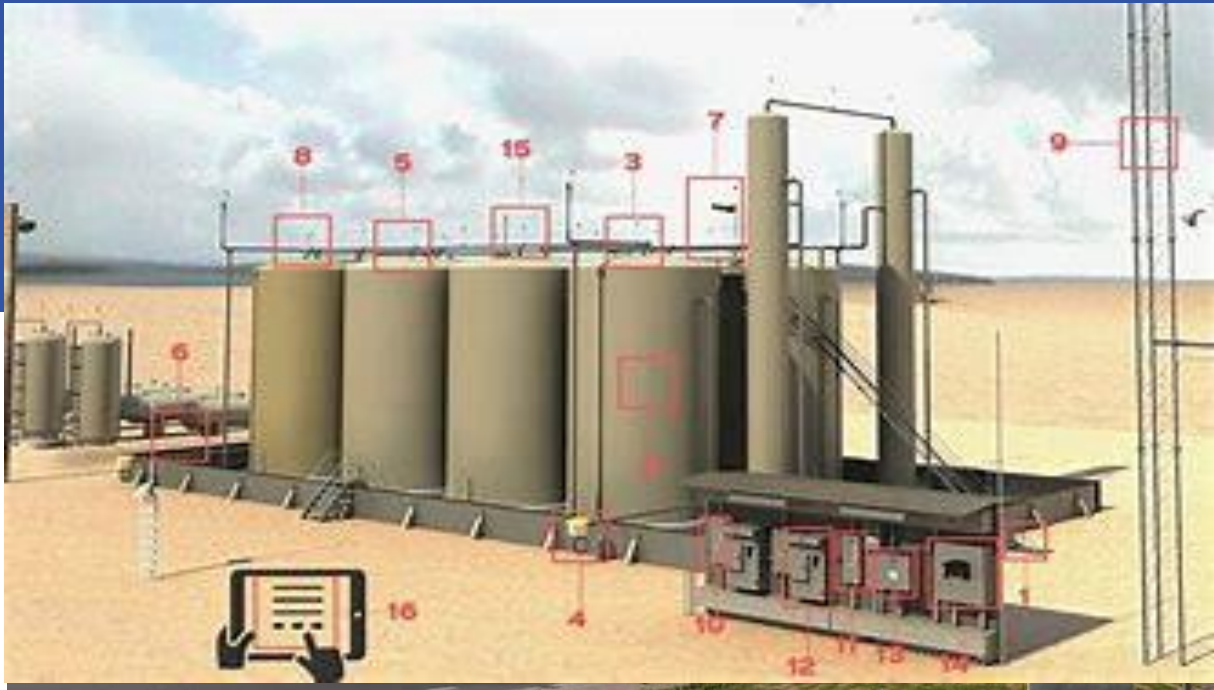
### Key Services

- Develop Road Design for E611 (excl the bridge and MSE wall structure).
- Design NOCs from all relevant authorities.
- Testing of metal alloy used for construction.
- Temporary Traffic Diversion.
- Prepare a design for roads and utilities networks & Value Engineering.
- Develop all relevant requirements in relation to the roads and utilities networks.

Location : Sallahudin, IRAQ  
Appointment : Roads, Utilities & Bridges  
Construction Value : 66 Million ID  
Project Status : Ongoing

## Lightening System of Fuel Storage Tanks STRUCTURES & UTILITIES DESIGN

North Refineries  
Company



Our Bureau has been appointed as per the North Refineries Company contract in customizing and design signage's including construction along a private company in Baghdad to design and construct a lightening system for more than 5000 fuel storage tanks in 7 oil refineries distributed in North Refineries company (6 Different locations).

CEBTU has been commissioned by North Refineries Company to undertake the following key services:

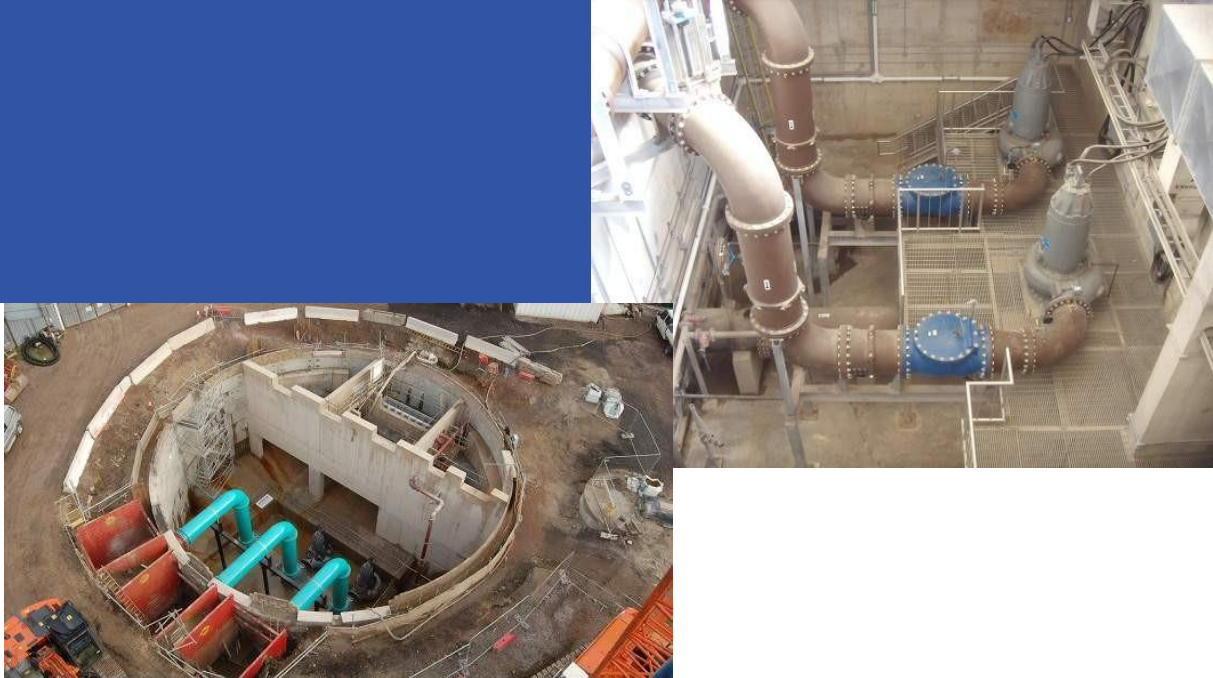
### Key Services

- Design of earthing of the storage tanks.
- Design of lightening system of the storage tanks.
- Electrical Design for substation.
- Design Approvals and NOCs from MOO, and all other relevant authorities.
- Cost Consultancy and Tendering Services.
- Manufacturing Supervision.
- Construction Supervision.

Location : Baiji, IRAQ  
Appointment : Structures & Utilities  
Construction Value : 86 Million ID  
Project Status : Ongoing

## Supervising the sewage network of the city of Tikrit - the second phase, Pumping

Tikrit Municipality



Tikrit Municipality intends to construct a new sewerage pumping station within a plot area of 10,000m<sup>2</sup> located along the city.

The project comprises six building structures including sewerage pumping station with capacity of 3.5 m<sup>3</sup>/s, electrical building, accommodation building, chiller plant, firefighting tanks, pump station and fuel tank.

CEBTU was commissioned to undertake the building design buildings and associated roads and utilities.

### Key Services

- The Structural Design of the underground pump station at depth of 25m.
- The Architectural and Structural Design of the buildings.
- Firefighting and fire alarm system for the buildings.
- Design of Roads and Utilities.
- Building permits, DEWA Electricity approval and Design NOCs from all relevant authorities.
- Cost Consultancy and Tendering Services.

Location : Tikrit, IRAQ

Appointment : Architecture; Structure; MEP; Highways & Utilities; and Contracts & Cost Consultancy

Construction Value : AED 40 Million

Project Status : Ongoing



## Baity Residential Complex

### ROADS & UTILITIES DESIGN & CONSTRUCTION SUPERVISION

Modon Group



Baity residential complex (Modon Group) has a total area of 110 hectares and comprises of mixed-use plots. It is located along second east area of Tikrit city.

CEBTU was commissioned to undertake the design of roads and utilities network.

#### Key Services

- Concept Design for Roads and Utilities including Demand Calculations.
- Detailed Design of Road Networks and Utilities including Sewage, Drainage, Water & Irrigation, Firefighting, Electrical, Street Lighting and telecommunication Networks.
- Detailed Design of Utility Building, lifting stations, pumping stations and storage tanks.
- Design Approvals, NOCs and permits from all relevant authorities.
- Cost Consultancy and Tendering Services.
- Construction Supervision.

Location : Tikrit, IRAQ

Appointment : Highways; Utilities; Contracts & Cost Consultancy and Construction Management

Construction Value : 95 Million ID

Project Status : Completed



We have conducted more than 102 projects of soil investigation inside and outside Sallahudin province.

CEBTU was commissioned to carry out the following key services:

### Key Services

- Master Plan Evaluation.
- Site Investigation
- Soil investigation will be done to determine the depth and characteristics of the different subsurface formations, the required foundation depth, the most suitable and economical type of foundations, the allowable bearing capacities and expected settlement for the proposed structures along with the guidelines for earthwork construction specifications, cement type, backfill and other geotechnical recommendations.
- Drilling the required number of boreholes till the required depth in all types of formations encountered.
- Engineering analysis will be made and detailed design criteria shall be provided to design the safe and economical foundation for the structures based on the in-situ and laboratory testing and findings.
- .Cost Consultancy & Tendering Services.

Location : Dubai, IRAQ  
Appointment : Highways & Utilities; Contracts & Cost Consultancy  
Construction Value : 1,526,000,000 ID  
Project Status : Completed and ongoing

## Certificates

ISO 9001/2015





## Certificates

ISO 17025/2015

Ministry of planning  
Iraqi Organization for Accreditation  
IQAS

**ACCREDITATION CERTIFICATE**

No.TL 122



Iraqi Accreditation System Certify that:

**Tikrit University- Laboratories of Engineering College**

- Laboratory of Construction Materials Testing
- Laboratory of Metal Testing
- Laboratory of Solid and Liquid Chemicals Testing
- Laboratory of Water Testing

Iraq – Saladin – Tikrit

Is accredited according to the requirements of the standard ISO/IEC 17025:2017  
(General Requirements for the Competence of Testing and Calibration Laboratories)

In the field of:

- Construction Materials Testing
- Metallurgical Materials Testing
- Chemical Materials Testing
- Environmental Materials Testing

This accreditation is subject to with the above standard & IQAS requirements  
The scope of accreditation is attached to the certificate & considered as part of it  
The most recent issue of the accreditation scope is available on IQAS website  
<https://iqas.mop.gov.iq>

Accreditation is valid From 29/3/2023 To 28/3/2025  
Initial accreditation date  
29/3/2023

Dr. Mohammed Lateef Ahmed  
General Manager of IQAS

Dr. Mohammed Ali Tamim  
Deputy Prime Minister  
Minister of Planning

## Our Clients





## Honored Clients



وزارة الكهرباء  
MINISTRY OF ELECTRICITY



وزارة النقل





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