شركة وسط البلد المحدودة

WAST ALBLAD Co. Ltd.

PROFILE

CONTENTS :

1.INTRODUCTION

Wast AlBlad Co. Ltd. is a premier construction company specializing in a diverse range of services for both medical and non-medical construction projects. With a proven track record of excellence, we deliver comprehensive solutions tailored to meet the unique demands of our clients. Our expertise spans **Architecture**, **MEP(Mechanical, electrical, Plumbing), HVAC, IT Infrastructure, Fire Fighting & Alarm Systems, Networking Hardware & Software Solutions, Medical Gases Supply Systems, Nurse Call or Disable Alarm Systems,** ensuring seamless integration and functionality in every project.

In the medical sector, we excel in constructing state-of-the-art healthcare facilities, including hospitals, clinics, and specialized medical centers, with a focus on precision-engineered systems for medical gases and critical infrastructure. For non-medical projects, we bring the same level of dedication to commercial, industrial, and residential developments, delivering innovative and sustainable solutions.

Our team of skilled professionals combines technical expertise with a commitment to quality, safety, and efficiency. At Wast Al Blad Co. Ltd., we pride ourselves on transforming visions into reality, building environments that inspire and endure.

2. SCOPE OF SERVICES

Wast AlBlad Co. Ltd. offers a comprehensive scope of services tailored to meet the diverse needs of medical and non-medical construction projects. Our expertise encompasses a wide array of specialized areas, ensuring integrated, efficient, and high-quality solutions from design to execution. Below is an overview of our key service areas:

At Wast AlBlad Co. Ltd., we emphasize innovation, sustainability, and client collaboration to deliver projects on time and within budget. Our integrated approach ensures that all services work harmoniously, resulting in superior outcomes for every project.

2.1 Architecture

We provide full architectural design and planning services, including conceptual design, schematic development, and detailed construction documentation. Our architects focus on creating functional, aesthetically pleasing, and sustainable spaces that comply with all relevant building codes and standards.

2.2 MEP (Mechanical, Electrical, Plumbing)

Our MEP services integrate mechanical, electrical, and plumbing systems seamlessly into building designs. We handle everything from initial assessments and design to installation and commissioning, ensuring optimal performance, energy efficiency, and reliability.

- **Mechanical**: Design and installation of heating, ventilation, and air conditioning (HVAC) systems, as well as other mechanical components like elevators and escalators.
- **Electrical**: Comprehensive electrical system design, including power distribution, lighting, and low-voltage systems.
- **Plumbing**: Expert plumbing solutions covering water supply, drainage, and sanitary systems.

2.3 HVAC (Heating, Ventilation, and Air Conditioning)

Specializing in advanced HVAC systems, we deliver climate control solutions that enhance indoor air quality, energy efficiency, and occupant comfort. Services include system design, installation, maintenance, and retrofitting for both new builds and renovations.

2.4 IT Infrastructure

We design and implement robust IT infrastructure, including data centers, cabling systems, and server rooms. Our services ensure scalable, secure, and high-performance IT environments that support modern business operations.

2.5 Fire Fighting & Alarm Systems

Safety is paramount in our fire protection services. We offer design, installation, and maintenance of fire suppression systems (e.g., sprinklers, foam, and gas-based), fire alarms, smoke detection, and emergency evacuation systems, all in compliance with NFPA and local regulations.

2.6 Networking Hardware & Software Solutions

Our networking services include the deployment of hardware such as routers, switches, and firewalls, alongside software solutions for network management, security, and optimization. We provide end-to-end solutions for wired and wireless networks, ensuring seamless connectivity and data integrity.

2.7 Medical Gases Supply Systems

For healthcare facilities, we specialize in the design, installation, and certification of medical gases(Oxygen, Medical Air, Nitrous Oxide, Vacuum) systems, including gases pipelines network, Compressed Air Plant, Vacuum Plant, AGGS Scavenging System, Live & Emergency Manifolds, Medical Gases Alarm Panels With Zonal Service Units. Our systems adhere to stringent standards like HTM and NFPA to ensure patient safety and operational reliability.

2.8 Nurse Call or Disable Alarm Systems

We install intelligent nurse call systems that facilitate quick communication between patients and staff, integrated with audio, visual, and wireless technologies. Additionally, our disable alarm systems provide accessible emergency alerts for individuals with disabilities, promoting inclusivity and safety in all environments.

2.9 Gray Structure Work Scope

Wast AlBlad Co. Ltd. specializes in delivering high-quality gray structure construction services as a foundational component of our comprehensive construction offerings. The gray structure phase, also known as the skeleton or shell of a building, encompasses the essential structural framework required to establish a robust and stable base for both medical and non-medical projects. Our gray structure work scope ensures precision, durability, and compliance with industry standards. Below is a detailed overview of our gray structure services:

2.9.1. Site Preparation and Earthworks

- **Site Clearing**: Removal of vegetation, debris, and obstacles to prepare the site for construction.
- **Excavation and Grading**: Digging for foundations, basements, or other subsurface structures, and leveling the ground to ensure a stable base.
- **Soil Compaction**: Ensuring proper soil stabilization to support the structural load.

2.9.2. Foundation Work

- **Footing and Foundation Construction**: Design and construction of foundations (e.g., strip, raft, pile, or slab) tailored to the soil conditions and project requirements.
- **Reinforcement**: Installation of steel reinforcements to enhance the strength and durability of the foundation.
- **Waterproofing and Drainage**: Application of waterproofing membranes and installation of drainage systems to protect the foundation from water damage.

2.9.3. Structural Framework

- **Columns and Beams**: Erection of reinforced concrete or steel columns and beams to form the primary load-bearing structure.
- **Slabs and Flooring**: Casting of floor slabs, including ground floors, upper floors, and roof slabs, using high-quality concrete and reinforcement.
- **Walls**: Construction of load-bearing and non-load-bearing walls using concrete, masonry, or precast panels as per design specifications.

2.9.4. Staircases and Ramps

- **Concrete Staircases**: Design and casting of staircases for safe and functional vertical access.
- **Ramps**: Construction of ramps for accessibility, particularly for medical facilities or buildings requiring compliance with disability standards.

2.9.5. Retaining Walls and Boundary Walls

- **Retaining Walls**: Construction of retaining walls to manage slopes or prevent soil erosion, where applicable.
- **Boundary Walls**: Erection of perimeter walls for security and site demarcation.

2.9.6. Scaffolding

- **Scaffolding Design and Installation**: Provision and setup of safe, stable, and high-quality scaffolding systems to facilitate access to elevated areas during construction. This includes modular, tubular, or suspended scaffolding tailored to project needs.
- **Safety Compliance**: Adherence to OSHA and local safety regulations, including guardrails, toeboards, and secure anchoring to ensure worker safety.
- **Maintenance and Inspection**: Regular checks and maintenance of scaffolding structures to ensure stability and safety throughout the gray structure phase.
- **Dismantling**: Safe and efficient removal of scaffolding upon completion of relevant construction activities.

3. PROJECTS

Wast AlBlad Co. Ltd. has successfully delivered & handling on-going diverse portfolio of projects leveraging above mentioned comprehensive scope of services. Below is a summary of our key projects, showcasing our expertise in both medical and non-medical construction:

3.1 Dr. Samir Abbas Hospital — Jeddah, Saudi Arabia

Scope:
Design, supply, installation, and commissioning of medical gas supply systems and nurse call systems for a new 21-bed Intensive Care Unit (ICU), including integration with MEP, HVAC, fire fighting & alarm systems, and all specialty works such as IT infrastructure provisions, disable alarm features, and coordination with architectural and gray structure elements.

Description:
In collaboration with partner contracting companies and with Dr. Samir Abbas Hospital—a premier multi-specialty facility renowned for advanced IVF, gynecology, and comprehensive healthcare services since 2017—we are spearheading the setup of a state-of-the-art 21-bed ICU unit. This project encompasses the full design and implementation of medical gases (Oxygen, Medical Air, Vacuum) systems, including gases pipelines network, Medical Gases Alarm Panels With Zonal Service Units and Bed Head Units, compliant with HTM 02-01 standards for critical care environments. The nurse call system features audio-visual integration for rapid patient-staff communication, enhanced with disable alarm capabilities for accessibility. Specialty works include embedded conduits for future networking and IT upgrades, ensuring seamless connectivity for patient monitoring and telemedicine. Our integrated approach coordinates with HVAC for precise environmental control and fire safety systems for optimal protection in high-risk ICU settings.

Project Status:

The project is 85% complete. Design and supply phases are finalized, with installation of medical gas pipeline, zone valves, and nurse call consoles in progress across all 21 ICU beds. Final testing, certification, and integration with hospital-wide systems are underway, positioning the project for imminent handover.

3.2 Art Haifa Fertility Center — Al Khobar, Saudi Arabia

Scope: Supply, installation, and commissioning of an advanced nurse call system for enhanced accessibility. Additional coordination with MEP, HVAC, and medical gases supply systems to ensure seamless operation within the fertility center's infrastructure.

Description: For the new setup of the Art Haifa Fertility Center—a leading private IVF facility in the Kingdom—we are supplying and installing a state-of-the-art wireless nurse call system. This intelligent system facilitates rapid communication between patients and medical staff. Key features include audio-visual alerts, integrated to a Nurse Station Monitor. The system incorporates disable alarm functionalities to promote inclusivity, ensuring emergency alerts are accessible for all users, including those with disabilities. Our team is also embedding provisions for future IT infrastructure and networking solutions to support the center's digital health records and telemedicine capabilities.

Project Status: Currently, the design and allocation of the systems has been approved and completed. Supply of core components has been ordered, with installation thereafter in patient treatment & observation rooms and nurse stations. Testing and integration phases are scheduled, aiming for full commissioning by year-end.

3.3 NOYA COSMETIC CENTER — Riyadh, Saudi Arabia

Scope: Wast Al Blad, in collaboration with its specialized partner companies, is spearheading the architectural design and setup of a state-of-the-art One-Day Surgery (ODS) Unit at Noya Cosmetic Center. This project showcases our expertise in delivering integrated, compliant, and efficient healthcare facilities tailored for cosmetic procedures. The ongoing planning phase emphasizes seamless coordination across architectural, structural, MEP, HVAC, medical gases, and nurse call systems, ensuring a patient-centric, operationally efficient, and sustainable facility.

Description: Our comprehensive planning approach integrates multiple disciplines to meet stringent healthcare standards (e.g., NABH, JCI, local regulations) while optimizing for rapid patient turnaround and safety. Below is a summary of key work packages managed by Wast Al Blad and its partners:

Architectural Design: Refined floor plans for pre-op, operating rooms (ORs), recovery, sterilization, and waiting areas, incorporating modular layouts for future expansion. Designed aesthetic, calming interiors with antimicrobial surfaces and natural lighting. Delivered 3D models, material schedules, and preliminary Bill of Quantities (BOQ) using BIM for clash detection.

Grey Structure Work: Detailed structural designs for load-bearing elements to support OR equipment, ensuring seismic and safety compliance. Coordinated civil works with MEP penetrations, producing reinforced drawings and phased construction schedules.

Mechanical, Electrical, & Plumbing (MEP) : Planned ventilation systems with 15-20 air changes per hour (ACH) for ORs. Designed redundant power systems (UPS/generators) for critical OR equipment. Laid out sanitary lines, RO water, and infection-control-compliant waste systems. Delivered single-line diagrams, load schedules, and plumbing isometrics.

HVAC Systems: Specified Air Handling Units (AHUs) with HEPA filtration for Class 10000 cleanroom ORs, maintaining 20-24°C and 40-60% RH. Conducted CFD simulations for airflow and provided equipment schedules and commissioning plans. Integrated fire dampers and energy-efficient VAV systems.

Medical Gases Pipeline Systems: Designed centralized O2, N2O, vacuum, and medical air systems per HTM standards, with color-coded pipelines, zone valves, and alarms. Planned manifold rooms and emergency shutoffs, delivering P&ID and material certifications. Conducted mock-up testing for leak-proof installations.

Nurse Call System: Implemented nurse call systems with bedside pulls, corridor lights, and central consoles integrated to the Central Nurse Call Station for real-time alerts.

3.4 WATER METERS INSTALLATION — Jeddah, Saudi Arabia

Project Overview

Wast Al Blad, in partnership with its specialized subcontractors, has successfully completed water meter installation project in Al-Safa and Al-Rabwah District. This initiative focused on deploying 92 water meters in Al-Safa & 74 water meters in Al-Rabwah to enhance water distribution efficiency, ensure accurate billing, and support sustainable water management for the district's residential and commercial users. The project underscores our expertise in delivering reliable utility infrastructure solutions that align with community development goals.

Scope of Work

- **Water Meter Installation**: Installed 92 & 74 water meters (25mm diameter) to enable precise monitoring of water usage across residential and commercial properties.
- **System Integration**: Seamlessly integrated meters with the existing water supply network, ensuring compatibility and minimal disruption to services.
- **Quality Assurance**: Conducted thorough calibration and testing of each meter to meet local regulatory standards and ensure long-term reliability.

- **Stakeholder Coordination**: Collaborated with municipal authorities and utility providers to align with water management guidelines and project timelines.
- **Documentation**: Provided comprehensive records of installation, calibration, and compliance for future reference and audits.

Key Deliverables

- Installed 92 & 74 water meters with detailed calibration and placement documentation.
- Delivered as-built drawings for meter integration into the water distribution system.
- Provided compliance reports and project completion documentation.

Project Highlights

- **Scale and Precision**: Successfully installed 92 & 74 meters with zero service interruptions, completed on schedule.
- **Compliance**: Adhered to municipal water authority standards, ensuring accurate billing and resource management.
- **Sustainability**: Promoted water conservation through precise metering, supporting the district's environmental objectives.
- **Team Expertise**: Leveraged Wast Al Blad's project management capabilities and partner expertise for efficient and high-quality execution.

3.5 WATER METERS INSTALLATION — Jeddah, Saudi Arabia

Project Overview

Wast Al Blad, in collaboration with its trusted partners, is executing a water infrastructure project in the Al-Rayan and Al-Falah District. This initiative focuses on the installation of water meters to enhance water distribution efficiency, promote sustainable usage, and support the region's urban development goals. The ongoing project demonstrates our expertise in utility infrastructure and our commitment to delivering reliable, high-quality solutions for community-focused developments.

Scope of Work

- **Water Meter Installation**: Successfully installed 35 water meters (25mm diameter) to date, ensuring accurate metering for residential and commercial units in Al-Rayan and Al-Falah District.
- **System Integration**: Designed and implemented meter installations to align with existing water supply networks, ensuring seamless connectivity and minimal disruption.
- **Quality Assurance**: Conducted rigorous testing and calibration of meters to meet local regulatory standards and ensure long-term reliability.

- **Ongoing Operations**: Continued installation and maintenance activities, with a focus on scalability to accommodate future district expansions.
- **Coordination**: Collaborated with local authorities and utility providers to ensure compliance with municipal guidelines and timelines.

Key Deliverables

- Installed 35 water meters with detailed documentation of placement and calibration.
- Provided as-built drawings and integration plans for water distribution systems.
- Delivered progress reports and schedules for ongoing installations.

Project Highlights

- **Efficiency**: Rapid deployment of 35 meters with zero downtime to the existing water supply.
- **Compliance**: Adhered to local water authority standards, ensuring accurate billing and resource management.
- **Sustainability**: Supported water conservation through precise metering, aligning with regional environmental goals.
- **Teamwork**: Seamless coordination between Wast Al Blad's project management team and partner contractors for timely execution.

Current Status The project remains active, with ongoing installations and plans for additional meter deployments as the district develops. Wast Al Blad continues to oversee operations, ensuring quality control and adherence to project timelines.

3.6 WATER INFRASTRUCTURE DEVELOPMENT — Jeddah, Saudi Arabia

Project Overview

Wast Al Blad, in partnership with its specialized subcontractors, has successfully executed a water infrastructure project in Al-Faiha District, enhancing the area's water distribution network. This project involved the installation of water meters and polyethylene pipelines to ensure efficient, reliable, and sustainable water supply for residential and commercial users. The initiative reflects our expertise in delivering critical utility infrastructure projects with precision, compliance, and a focus on community development.

Scope of Work

- **Water Meter Installation**: Installed 133 water meters (25mm diameter) to enable accurate water usage monitoring, supporting equitable billing and resource conservation.

- **Pipeline Installation**: Laid two segments of 110mm polyethylene pipelines, measuring 62 meters and 82 meters, to expand and strengthen the water distribution network.
- **System Integration**: Ensured seamless integration of meters and pipelines with the existing water supply infrastructure, minimizing disruptions to the community.
- **Quality Control**: Conducted pressure testing, leak detection, and calibration to meet local regulatory standards and ensure long-term durability.
- **Stakeholder Coordination**: Collaborated with municipal authorities and utility providers to align with regional water management guidelines and project timelines.

Key Deliverables

- Installed 133 water meters with detailed calibration records and placement documentation.
- Completed 144 meters of 110mm polyethylene pipeline installations with as-built drawings.
- Provided compliance reports and integration plans for the water distribution system.
- Delivered project progress updates and final handover documentation.

Project Highlights

- **Scale and Efficiency**: Successfully installed 133 meters and 144 meters of pipelines, completed on schedule with zero service interruptions.
- **Compliance**: Adhered to stringent municipal and environmental standards, ensuring reliable and safe water distribution.
- **Sustainability**: Promoted water conservation through precise metering and durable, corrosion-resistant polyethylene pipelines.
- **Team Expertise**: Leveraged Wast Al Blad's project management capabilities and partner expertise for seamless execution and quality assurance.

Current Status

The Al-Safa & Al-Rabwah Districts water meter installation project has been completed, with all meters fully operational. Wast Al Blad continues to provide post-installation support, including maintenance and monitoring, to ensure sustained performance and scalability for future needs.

3.7 SANITARY SEWER INFRASTRUCTURE — Jeddah, Saudi Arabia

Project Overview

Wast Al Blad, in collaboration with its expert partner companies, is actively executing a sanitary sewer infrastructure project in Al-Marjan District. This initiative focuses on

developing a robust and efficient sewer system to support the district's growing residential and commercial needs. The ongoing project highlights our proficiency in delivering critical utility infrastructure with a commitment to quality, compliance, and sustainable urban development.

Scope of Work

- **Sanitary Sewer Connections**: Successfully implemented 5 sanitary sewer connections to integrate residential and commercial units into the municipal sewer network, ensuring efficient waste management.
- **System Design and Integration**: Designed sewer connections to align with existing infrastructure, optimizing flow and minimizing environmental impact.
- **Quality Assurance**: Conducted rigorous testing, including pressure and leak tests, to ensure compliance with local municipal and environmental standards.
- **Ongoing Operations**: Continued installation of additional connections, with plans for scalability to accommodate future district growth.
- **Stakeholder Coordination**: Collaborated with local authorities and utility providers to ensure adherence to regulatory guidelines and project timelines.

Key Deliverables

- Completed 5 sanitary sewer connections with detailed installation and testing documentation.
- Provided as-built drawings for sewer connection layouts.
- Delivered progress reports and schedules for ongoing work.

Project Highlights

- **Efficiency**: Rapid deployment of 5 sewer connections with minimal disruption to the community.
- **Compliance**: Adhered to municipal and environmental regulations, ensuring safe and reliable sewer operations.
- **Sustainability**: Designed connections to support long-term waste management needs, contributing to the district's environmental goals.
- **Team Collaboration**: Seamless coordination between Wast Al Blad's project management team and partner contractors for high-quality execution.

Current Status

The project is ongoing, with 5 sanitary sewer connections completed and additional installations in progress. Wast Al Blad continues to oversee operations, ensuring quality control, timely execution, and readiness for future expansions in Al-Marjan District.

4. PICTURES OF REFERENCES

Project Sector Experience


Corporate/Office


Housing Villas


Aviation

Schools | Education


Hospitality


Shopping Malls


Apartments

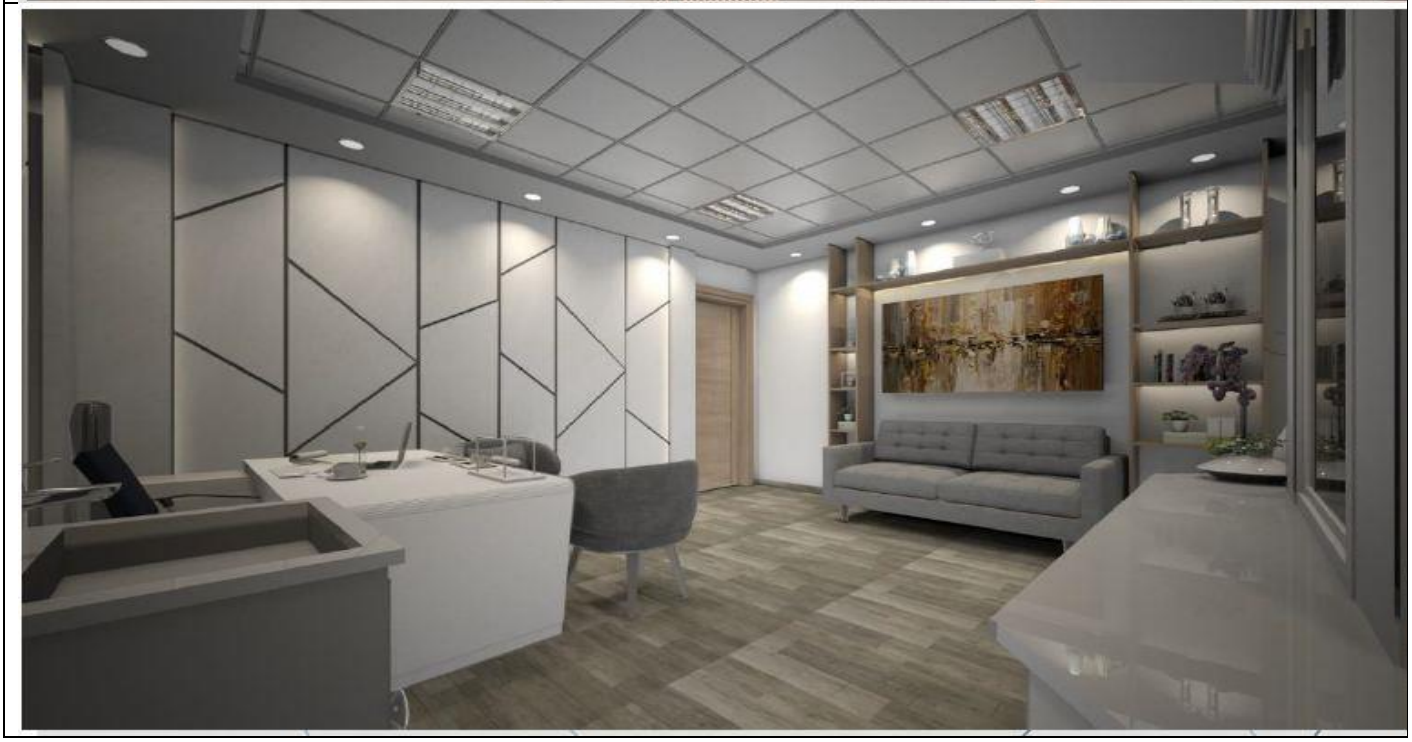

Towers


Smart Health Sector

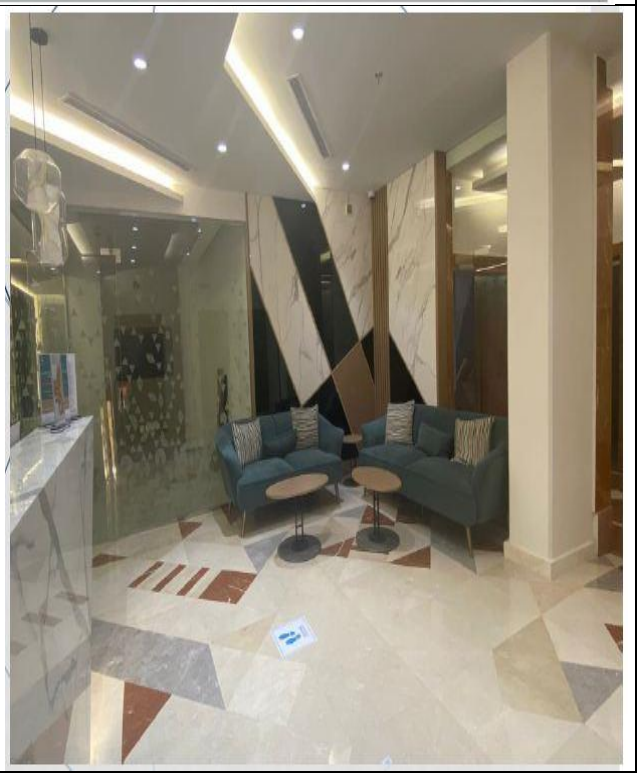
Preventive Maintenance

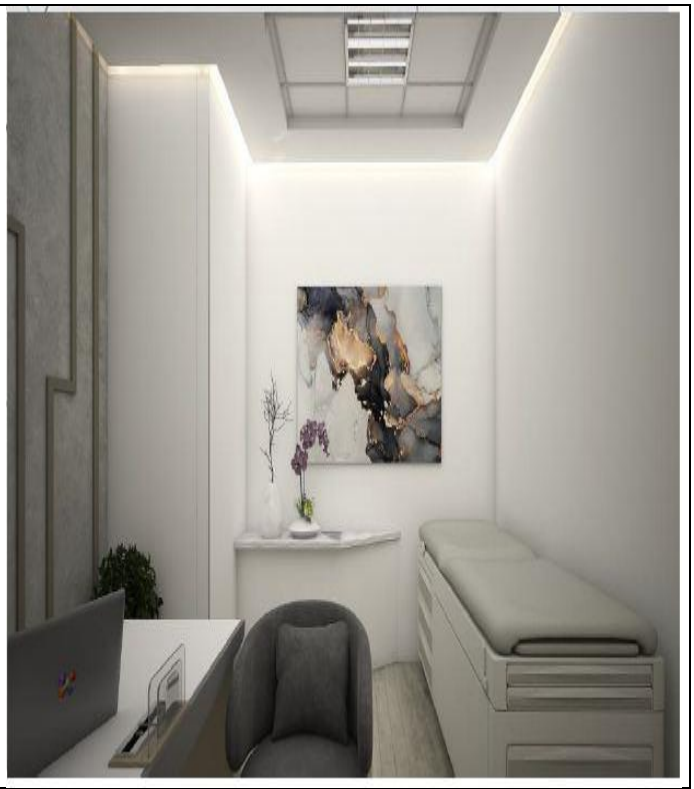

Smart Hotels

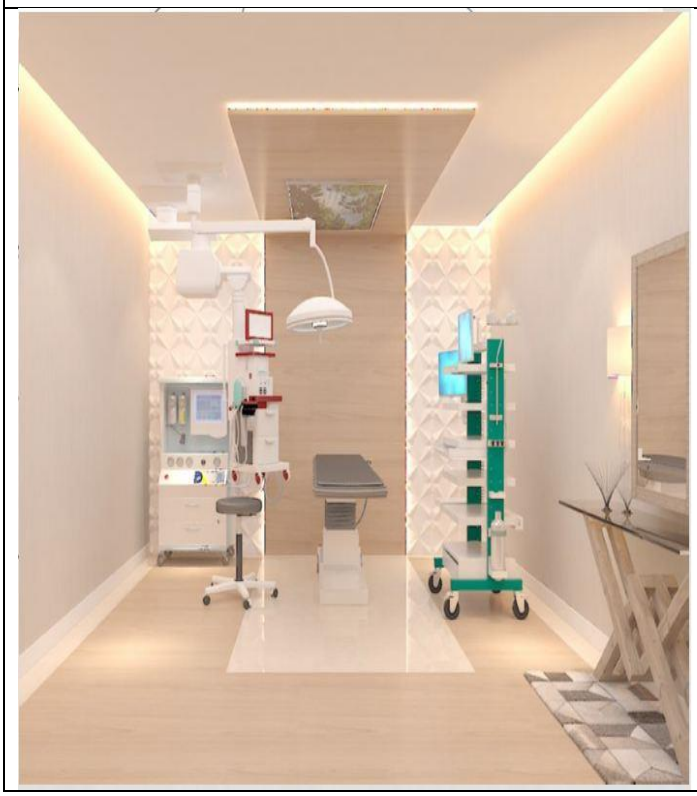

Infrastructure

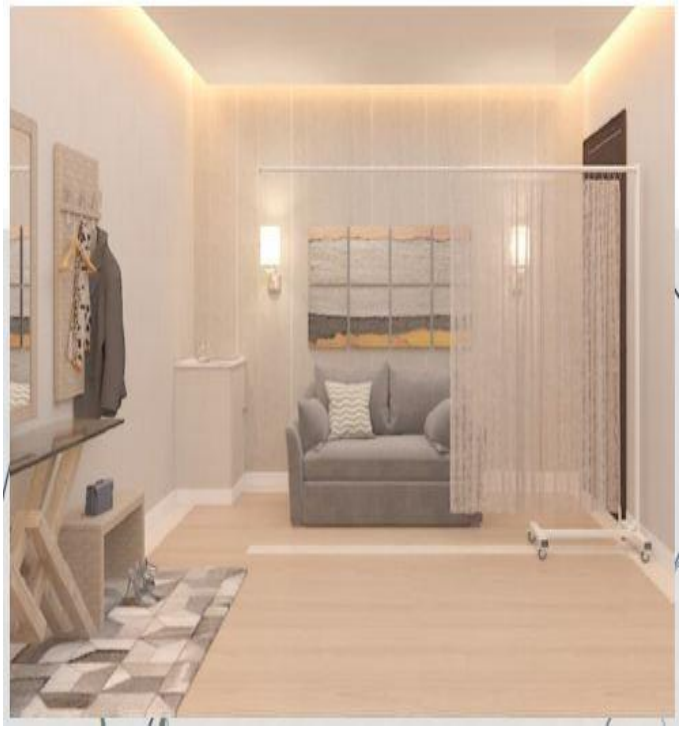


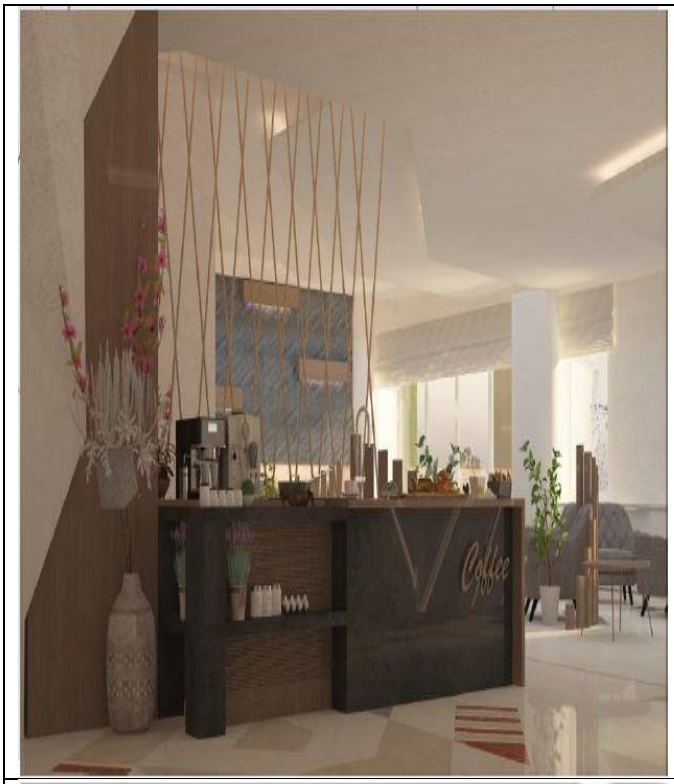

Screen Mirroring for

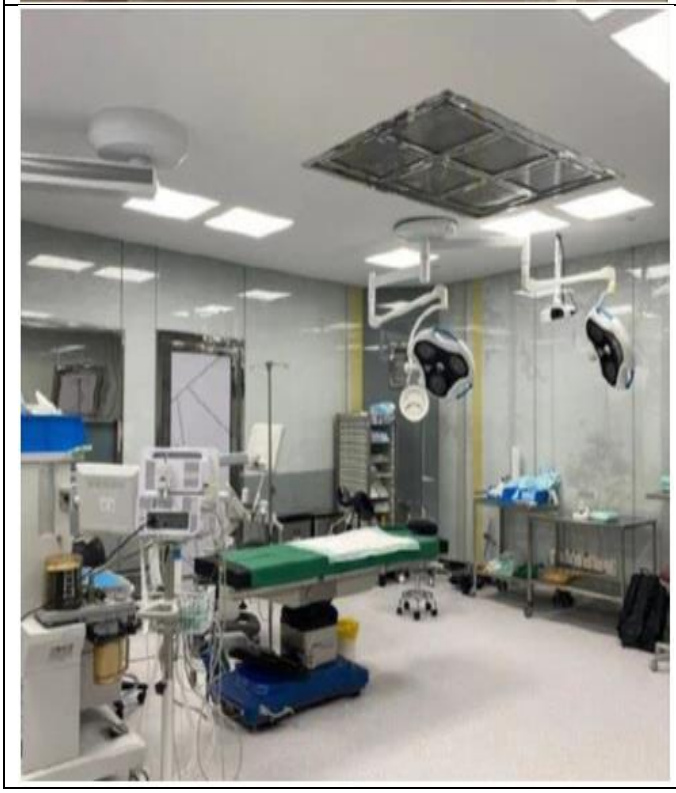


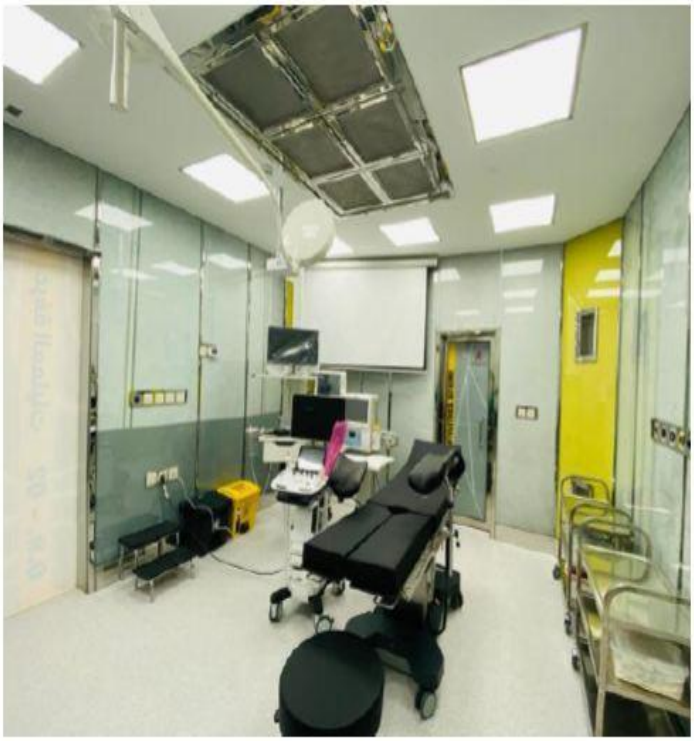


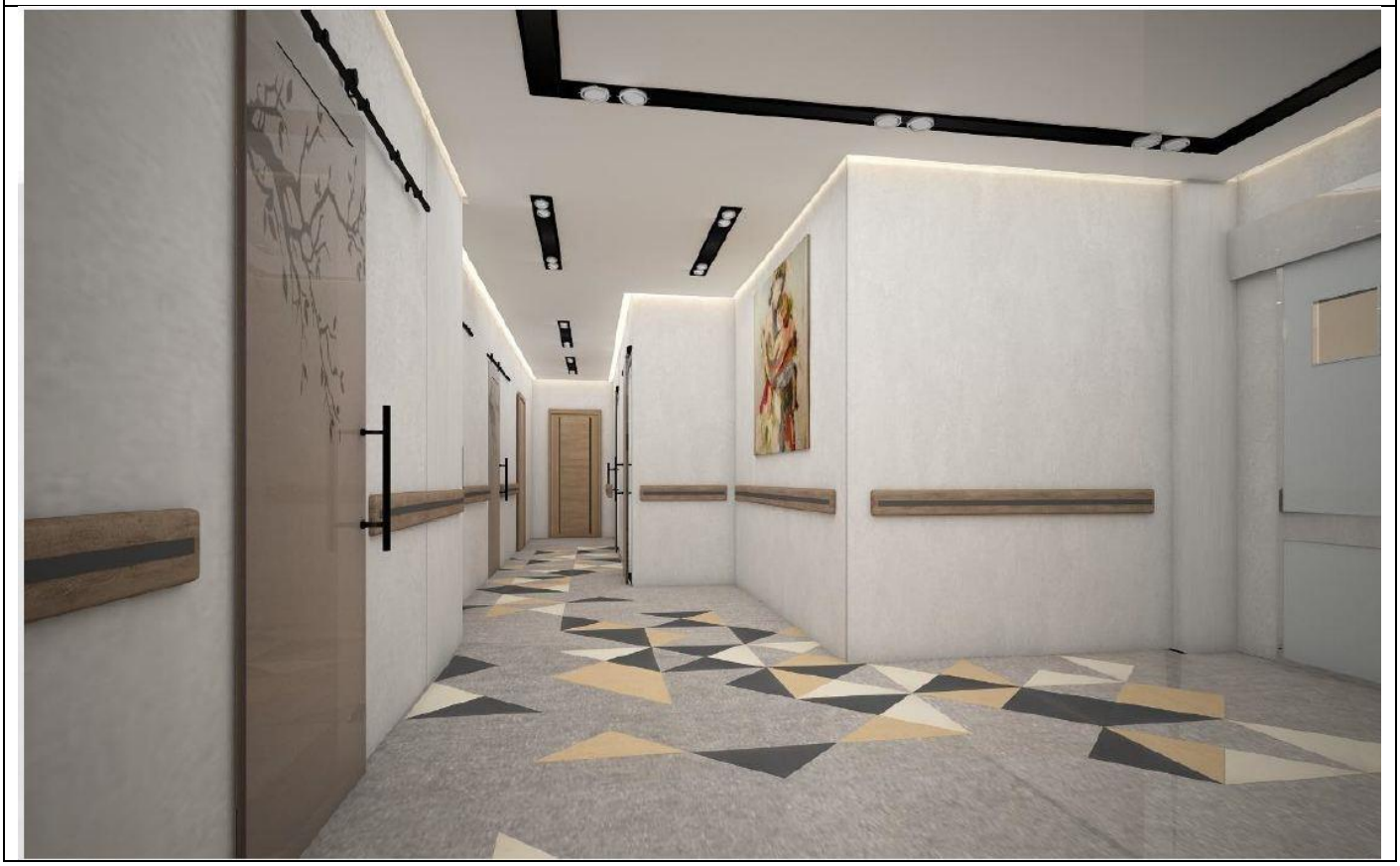


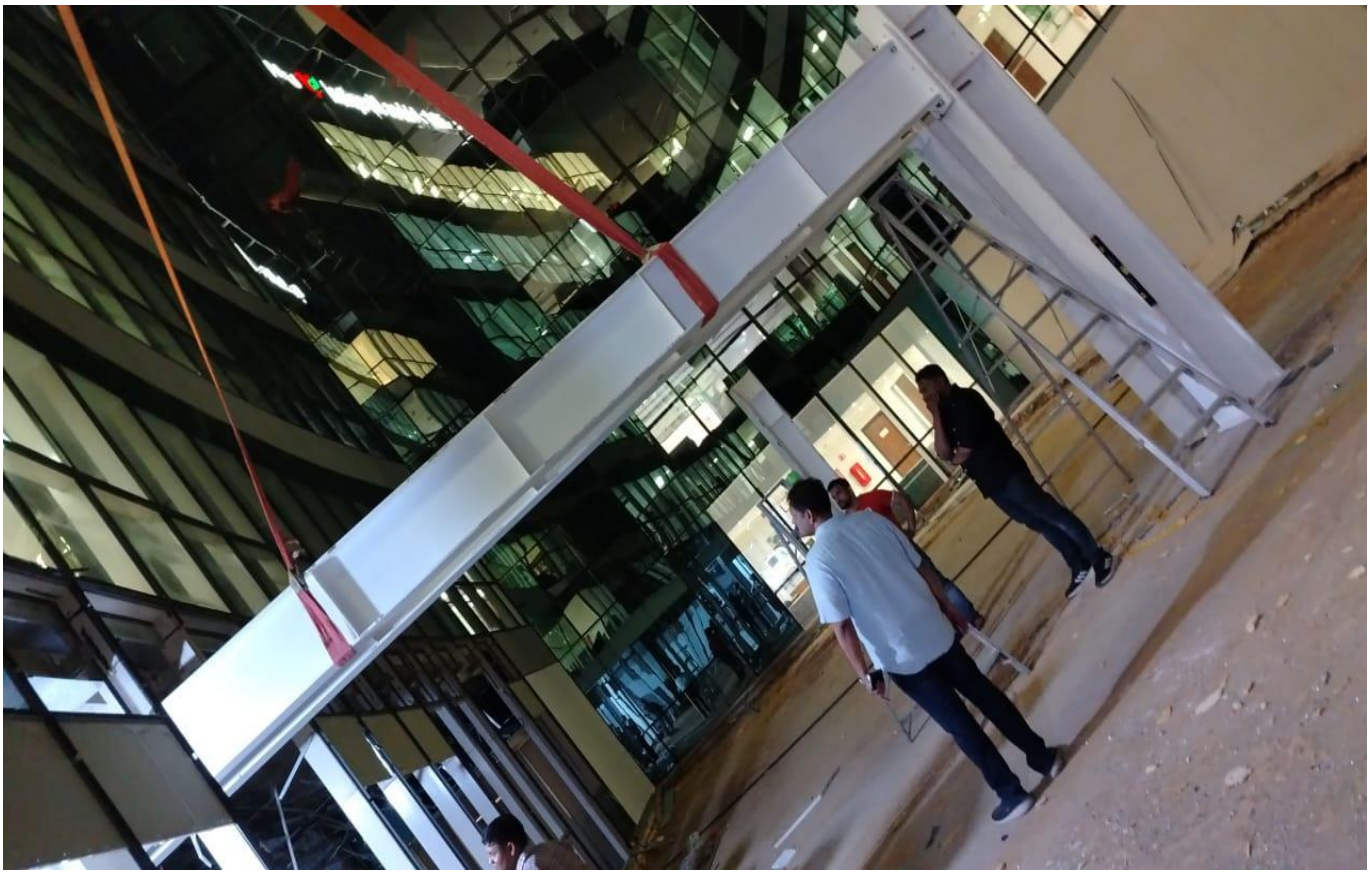



Coffee



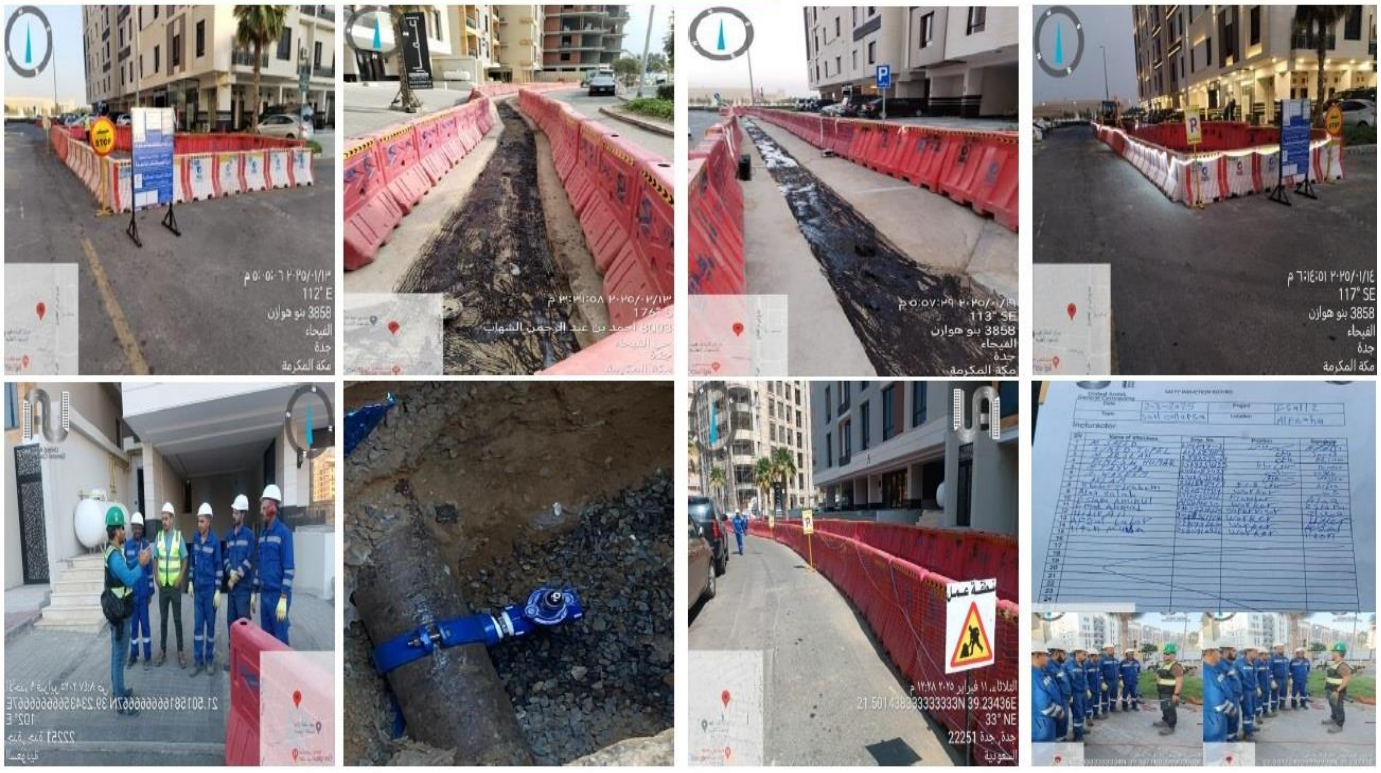






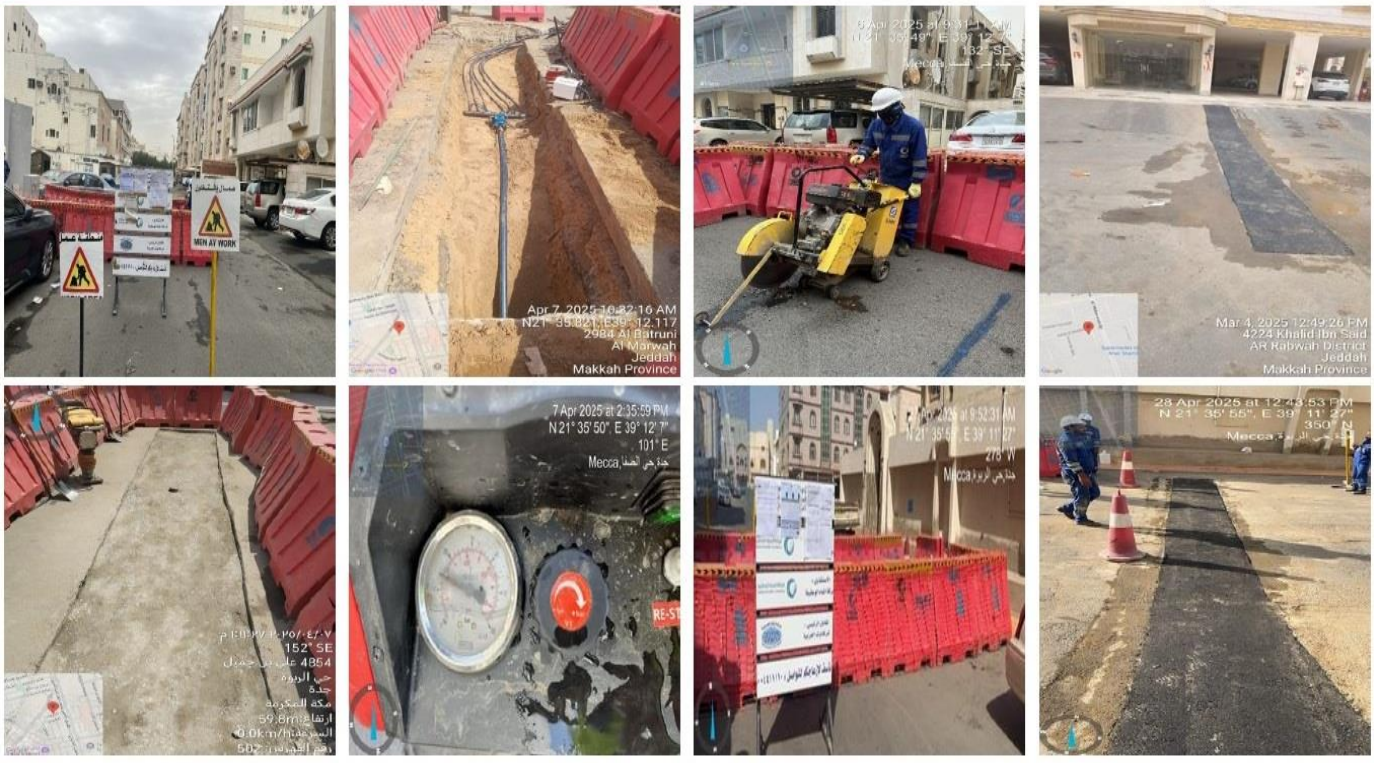

Hill-Rom

اعمالنا بحى الفيحاء تنفيذ ١٣٣ عداد مياه



اعمالنا بحى الصفا تنفيذ ٩٢ عداد مياه

اعمالنا بحي الربوة تنفيذ ٧٤ عداد مياه



اعمالنا بحي الريان والفلاح تنفيذ ٣٥ عداد مياه حتي الان

اعمالنا بحي المرجان تنفيذ ٥ توصيلات صرف صحي حتي الان

المعدات


Wast AlBlad Co


Wast AlBlad Co

5. TRSUTED PARTNERS COMPANIES

مؤسسة أريج الأولى التجارية
First Areej Trading Est.

3isolution
AL MOKAWANAT INTL,UNITED CO.LTD
شركة المكونات الدولية المتحدة للتقنية المحدودة
Technology Contractors | مقـــاولـــون تقنيـــون

SITE™
SHAKTEK INTERNATIONAL TRD. - EST.
مؤسسة شاكتك العالمية للتجارة

مؤسسة خالد سعود الحربي للمقاولات
Khaled Saud Al-Harbi Est. For Contracting

AL DANAH TRADING CO.
شركة الدانة الرائدة للتجارة
Al Danah Al Rayeda Trading Co.

شركة المياه الوطنية
National Water Company

شركة وتد العربية
WATAD ALARABIAH LIMITED COMPANY

الشركة السعودية للكهرباء
Saudi Electricity Company

العيسى
AL-ESSA
For Contracting للمقاولات