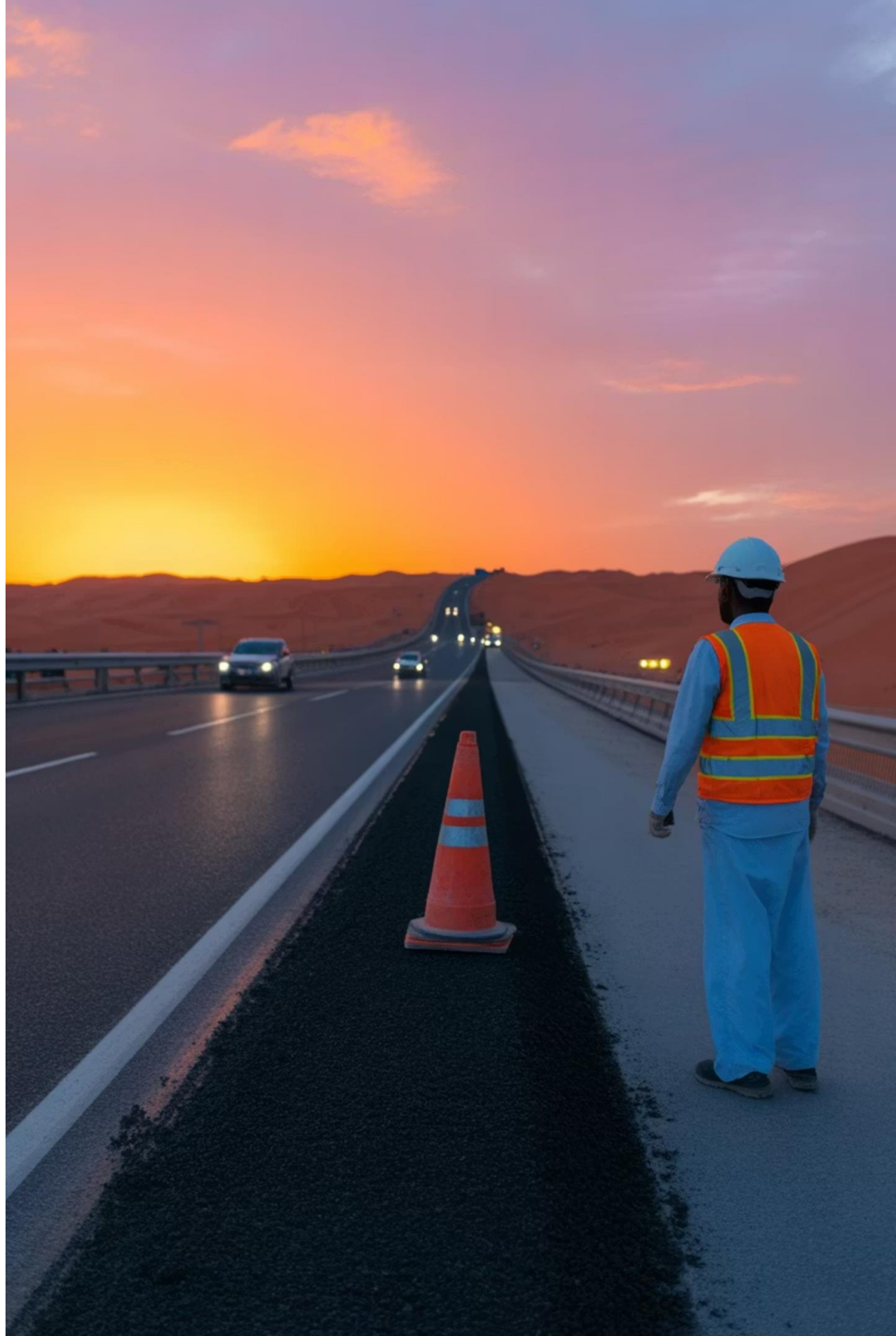
Roads Union Company

A leading road construction company in the Kingdom of Saudi Arabia that combines experience and modern technology to implement projects according to the highest international standards.

About Us

Roads Union Company is one of the leading road construction companies in the Kingdom of Saudi Arabia. The company has earned its prestigious reputation through its advanced equipment and machinery, and high expertise in executing projects with exceptional quality and within specified timeframes.

We pride ourselves on providing integrated services covering all stages of road construction, construction, from planning and design to implementation, supervision, and maintenance. maintenance.



Our Vision

Quality

Commitment to the highest quality standards in every project we undertake

Excellence

We strive to be the leading company in company in road construction across the across the Kingdom and the Middle East Middle East

Sustainability

Developing sustainable infrastructure solutions that support Saudi Vision 2030

Our Mission

Providing integrated and innovative solutions in road construction and infrastructure maintenance, ensuring client satisfaction and contributing to economic and contributing to economic and urban development, while maintaining environmental and societal standards.

We are committed to exceeding our clients' expectations by adopting the latest technologies and best global practices in all phases of our projects. We strive to achieve high operational efficiency and superior quality, focusing on innovation to provide sustainable solutions that support the Kingdom's urban growth and future infrastructure.

Our mission also includes strict adherence to occupational health and health and safety standards and environmental protection, in addition to addition to supporting local community development, in line with Saudi with Saudi Vision 2030 to ensure a prosperous and sustainable future. future.

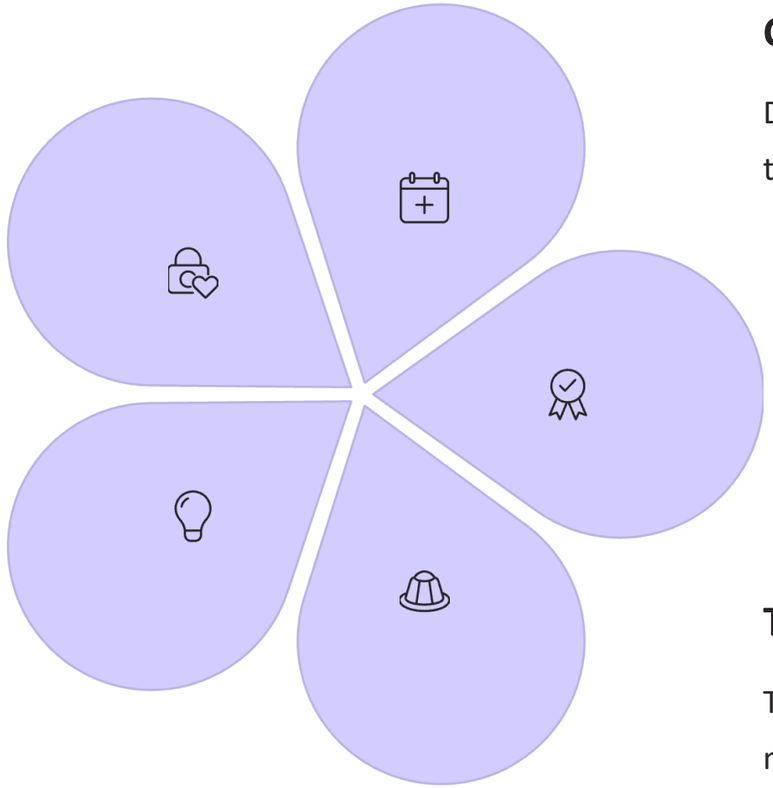
Core Values

Safety First

Ensuring the safety of our workforce and the public public is our highest priority in all operations

Continuous Innovation

Constantly seeking innovative solutions to improve our services and operations



Commitment to Deadlines

Delivering projects on time, every time, maintaining the trust of our clients

Quality and Professionalism

Adhering to the highest standards of quality and professional conduct in all our work

Transparency and Responsibility

Taking full responsibility for our actions and maintaining transparent communication

Our Services

Design and Construction of Main and Secondary Roads

We provide integrated engineering solutions for designing and constructing roads that meet the highest international quality and safety standards.

Maintenance and Rehabilitation of Existing Road Networks

We work on maintaining and renovating existing road infrastructure to ensure its sustainability and operational efficiency.

Professional Asphalt, Filling, and Grading Works

We specialize in all phases of asphalt work, from initial filling and grading to laying the final layers with the highest precision.

Implementation of Integrated Infrastructure Projects

We execute all essential infrastructure works that serve road projects and surrounding areas, surrounding areas, including water, electricity, sewage, and telecommunications networks. networks.

Engineering Consulting and Technical Supervision Services

We provide specialized engineering consultations and precise technical supervision to ensure project success and achieve the highest levels of quality and efficiency.

Supply and Installation of Barriers and Traffic Signs

We ensure road safety through the supply and installation of barriers, traffic signs, and modern safety systems according to standard specifications.

Our Organizational Structure

Senior Management

Includes the Board of Directors, General Manager, and Department Directors, responsible for setting strategies and monitoring their implementation

Engineering Studies Department

Prepares technical studies for projects, develops necessary plans and programs for implementation, monitors work, and conducts inventory operations

Execution Department

Comprises engineering, technical, and professional staff responsible for implementing projects according to specifications and established timeframes

Equipment Department

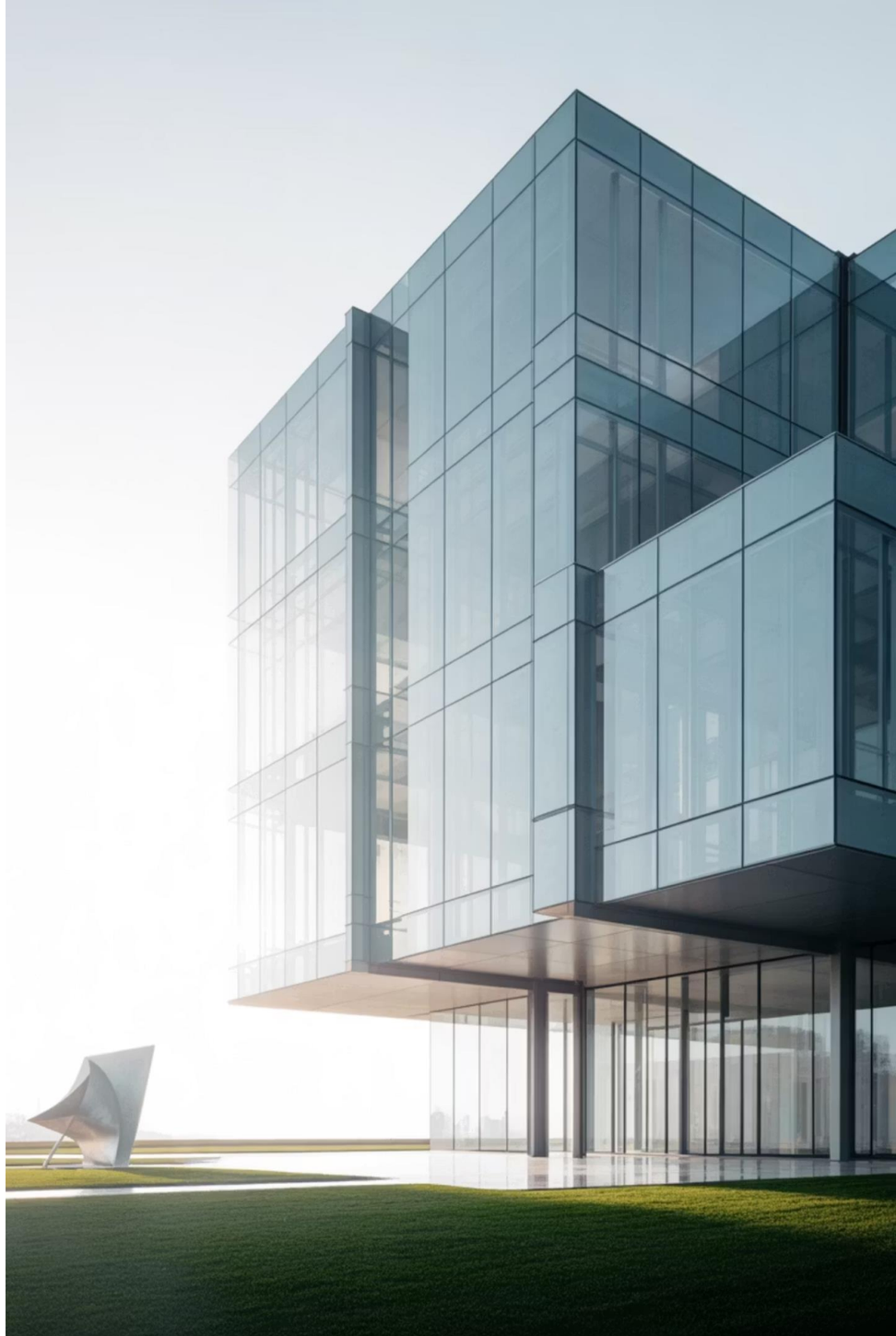
Manages and maintains the fleet of equipment and machinery, ensuring their readiness for efficient operation operation

Warehousing Department

Manages the inventory and supply system according to the latest administrative systems to ensure the availability of materials and supplies at the right time

Quality and Laboratories Department

Ensures all work complies with standard specifications through continuous laboratory testing



Our Technical Capabilities

Advanced Technologies

Roads Union Company uses the latest technologies in road construction to ensure high quality for implemented projects.

Accumulated Experience

We have many years of experience in executing diverse projects across different regions of the Kingdom.

Qualified Personnel

We employ a team of highly competent engineers and technicians with distinguished expertise.

Asphalt Mixers: The Heart of Production Operations

Asphalt mixers are the primary source of our integrated work, helping us helping us overcome obstacles and secure the supply of essential material material with production reaching:

24/7

Operation

Round-the-clock readiness

250

Tons/Hour

High production capacity

Our mixers feature highly accurate specifications ensuring exceptional quality exceptional quality of the produced asphalt in compliance with international international standards.

Development of Mixer Systems

Continuous Investment

The company has increased the number of mixers and continually updated them to keep pace with the growing demand for road projects.

Modern Technology

The mixers are equipped with the latest latest devices that ensure mixing accuracy and maintaining optimal temperatures.

High Efficiency

Our mixers are characterized by high operational efficiency that contributes to reducing energy consumption and lowering costs.

Most Advanced Mixing Equipment

Features of Our Modern Mixers:

- Advanced automated control systems ensuring precision in mixing components
- Advanced filtration systems to reduce harmful emissions
- Ability to produce mixes with diverse specifications meeting the requirements of various projects
- Savings in fuel and energy consumption
- Self-maintenance systems reducing downtime periods

Asphalt Mix Production System

01

Raw Material Supply

Receiving and testing primary materials including aggregates, bitumen, and additives

02

Mixing Process

Mixing components in specified proportions according to standards approved in the Kingdom

03

Quality Control

Testing samples in the laboratory to ensure compliance with specifications

04

Site Delivery

Transporting asphalt mixes to project sites in equipped trucks

Crushers: The Foundation of Asphalt Production

Crushers are the essential element forming the basis of asphalt production according to the mix specifications approved in the Kingdom of Saudi Arabia.
Saudi Arabia.

Precise Stone Classification

In various sizes to ensure compatibility with mix requirements.

High Production Capacity

Reaching 350 tons/hour to ensure meeting meeting high demand.

High Quality Final Product

Ensuring the highest quality standards for standards for the produced asphalt.

Advanced Safety Systems

To ensure a safe working environment for employees.

Operational Efficiency

Saves energy consumption and reduces operational costs.

Aggregate Production Process

Rock Extraction

Obtaining rocks from approved quarries of high quality.

Primary Crushing

Breaking large rocks into medium sizes in the primary crusher.

Screening and Classification

Sorting aggregates according to required sizes using multi-level screens.

Washing and Cleaning

Cleaning aggregates from impurities and dust to ensure asphalt mix quality.

Laboratories: Quality Assurance

Laboratories are an essential feature for integrated success in our work. Ensuring Ensuring the specifications of each implementation phase requires modern modern technical capabilities, which can only be provided by advanced laboratories laboratories that analyze samples for each phase of implementation.

Our company owns a complete asphalt laboratory that directly monitors the work, reflecting the high precision in completing our work and providing optimal specifications for the executed work.

Laboratory Testing Techniques

Raw Materials Testing

Particle size analysis, wear resistance testing, and precise determination of the specific density of raw materials.

Bitumen Testing

Testing softening point, measuring viscosity, and determining the flash point of bitumen to ensure bitumen to ensure its quality.

Asphalt Mix Testing

Conducting Marshall test, determining air void ratio, and measuring stability and flow of asphalt mixes.

Executed Paving Testing

Includes measuring the density of the paved layer, testing the thickness of layers, and checking checking surface evenness to ensure compliance.

Transport Equipment: Integrated Fleet

The company owns an integrated fleet of modern carriers and equipment that effectively contribute to the integration of work and its completion with the required completion with the required quality.

Asphalt Mix Transport Trucks Trucks

Available in different capacities to to ensure efficient and rapid delivery delivery of asphalt to project sites. sites.

Heavy Equipment Transporters

For transporting large machinery and and equipment between different different sites smoothly and safely. safely.

Bitumen Transport Tankers Tankers

Dedicated to transporting liquid bitumen at ideal temperatures for use for use in asphalt mixes.

Service and Technical Support Vehicles

To provide quick logistical and technical support to all teams in the field.

Specifications of Asphalt Mix Transport Trucks

Large Loading Capacity

Up to 25 tons per truck, which reduces transportation costs and increases work efficiency

Thermal Protection

Equipped with advanced thermal covers to maintain the temperature of the asphalt mix during transport

Automatic Discharge System

Equipped with advanced hydraulic systems that facilitate precise and even discharge of the asphalt mix

Road Paving Equipment

Roads Union Company uses advanced paving equipment that operates according to the latest international specifications, ensuring high quality in project execution.

High Precision

In laying asphalt layers with extreme accuracy.

Speed and Efficiency

Fast execution while maintaining the highest quality levels.

Advanced Asphalt Pavers

Wide-Range Pavers

Distinguished by their ability to pave asphalt with a width of up to 16 meters, enabling us to execute highways with high efficiency and reduce execution time.

Narrow Area Pavers

Specially designed to work in areas with limited spaces such as residential neighborhoods and internal streets, while maintaining the same level of precision and quality.

Asphalt Compaction Equipment

Roads Union Company uses asphalt compaction equipment in both forms (tires - and steel) supported by a technical staff with distinguished experience and efficiency.

Rubber Tire Rollers

Used for initial compaction and work to press the press the asphalt mixture evenly.

Heavy Steel Rollers

Used to increase the density of the asphalt layer layer and improve its evenness.

Vibratory Rollers

Work to achieve maximum compaction degrees degrees through pressure and vibration.

Modern Compaction Techniques

1. Initial Compaction

Using rubber tire rollers weighing 10-15 tons to achieve initial compaction of the hot asphalt mix, helping to fill voids and stabilize granules

2. Intermediate Compaction

Using dual rollers (tires and steel) to achieve medium compaction while ensuring surface evenness and absence of undulations

3. Final Compaction

Using heavy steel rollers to achieve maximum density and remove any wheel marks and smooth the final surface of the road

Grading and Preparation Equipment

Graders (Leveling Machines)

- Used to level the road surface and adjust side slopes
- Equipped with laser systems for precision control
- Available in different sizes suitable for all types of projects

Bulldozers

- Used in excavation, soil transport, and land leveling
- Equipped with powerful front blades to push large amounts of soil
- Suitable for working in rocky and desert areas

Specialized Maintenance Workshops

Roads Union Company owns specialized maintenance workshops in various work sites to support the work plan and maintain equipment immediately and continuously.

Periodic Preventive Maintenance

To ensure the continuity of equipment operation and reduce unexpected malfunctions. malfunctions.

Emergency Repair

Maintenance teams ready for quick intervention and repair of malfunctions to reduce downtime.

Quick and Efficient Parts Replacement

Availability of original spare parts and the ability to replace them effectively for equipment to return to work.

Welding and Metal Forming

Specialized services for repairing and manufacturing necessary metal parts for equipment.

Hydraulic and Electrical Systems Maintenance

Inspection and repair of vital systems to ensure optimal equipment performance.

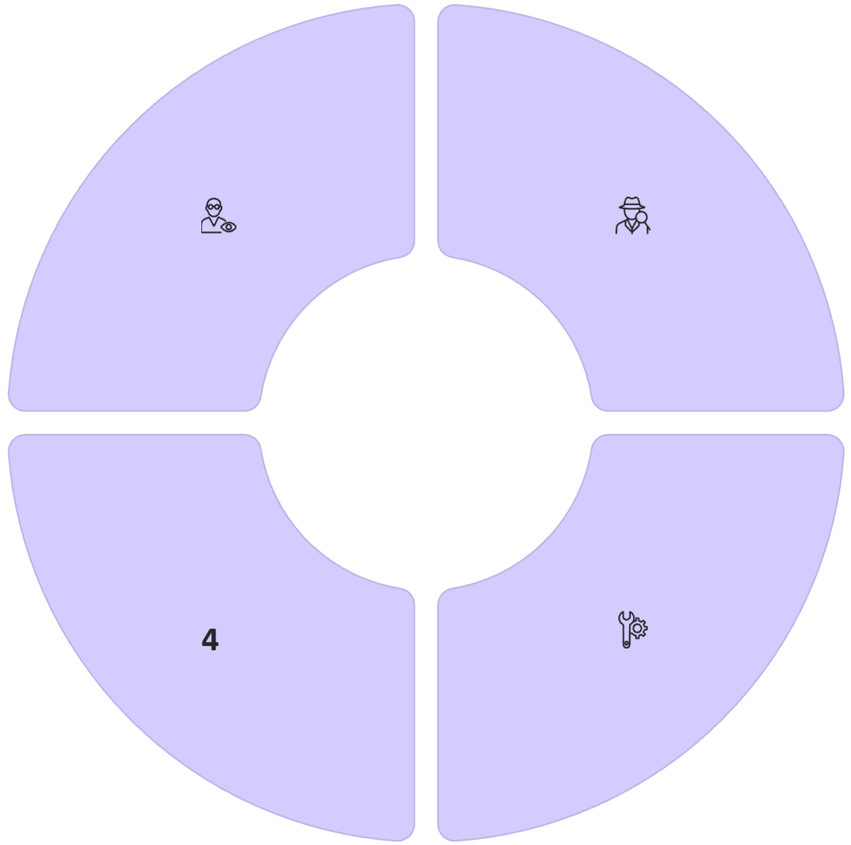
Calibration of Measuring and Control Devices

Ensuring the accuracy of devices and equipment through regular calibration.

Integrated Maintenance System

Preventive Maintenance

Conducting periodic maintenance according to manufacturer recommendations to ensure continuous efficient operation



Periodic Inspection

Comprehensive inspection of all equipment according to a specific schedule for early detection of any potential problems

Documentation and Analysis

Documenting all maintenance work and analyzing data to improve future future maintenance programs

Immediate Repair

Mobile maintenance teams equipped with necessary tools and equipment for quick intervention at the work site

Spare Parts Warehouses

Strategic Inventory

We maintain a permanent inventory of the most frequently used spare parts and those that are difficult to are difficult to obtain quickly, to ensure work continuity without interruption

Inventory Management System

We use an advanced inventory management system that allows tracking the movement of parts and parts and materials and performs automatic ordering when inventory reaches the minimum threshold threshold

Supplier Relationships

We have an extensive network of local and international suppliers that ensures the provision of spare parts of spare parts at competitive prices and high quality

Continuous Equipment Modernization

Roads Union Company is keen on keeping pace with the accelerated development of specialized machinery in asphalt works, which gives us the motivation to successfully complete our projects and achieve our goal of gaining our clients' trust.
gaining our clients' trust.

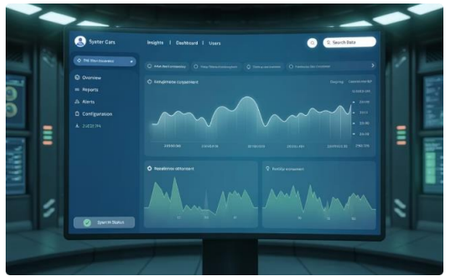
Modernization Strategy:

Five-Year Plan

Periodic updating of the equipment fleet according to a well-studied five-year plan.

Global Monitoring

Continuous monitoring of the latest global technologies in road construction.



Competitive Advantage of Our Equipment

Advanced Technology

Using equipment with the latest global technologies technologies that work with high efficiency and and deliver outstanding results

Smart Control Systems

Equipment equipped with GPS systems and artificial intelligence technologies to achieve maximum precision

Environmentally Friendly

Our equipment complies with the latest environmental emission standards and is characterized by lower fuel consumption

Our Project Execution Capabilities

98%

Completion Rate

On time and within the approved budget

25+

Projects

Currently under execution in various regions of the Kingdom

500+

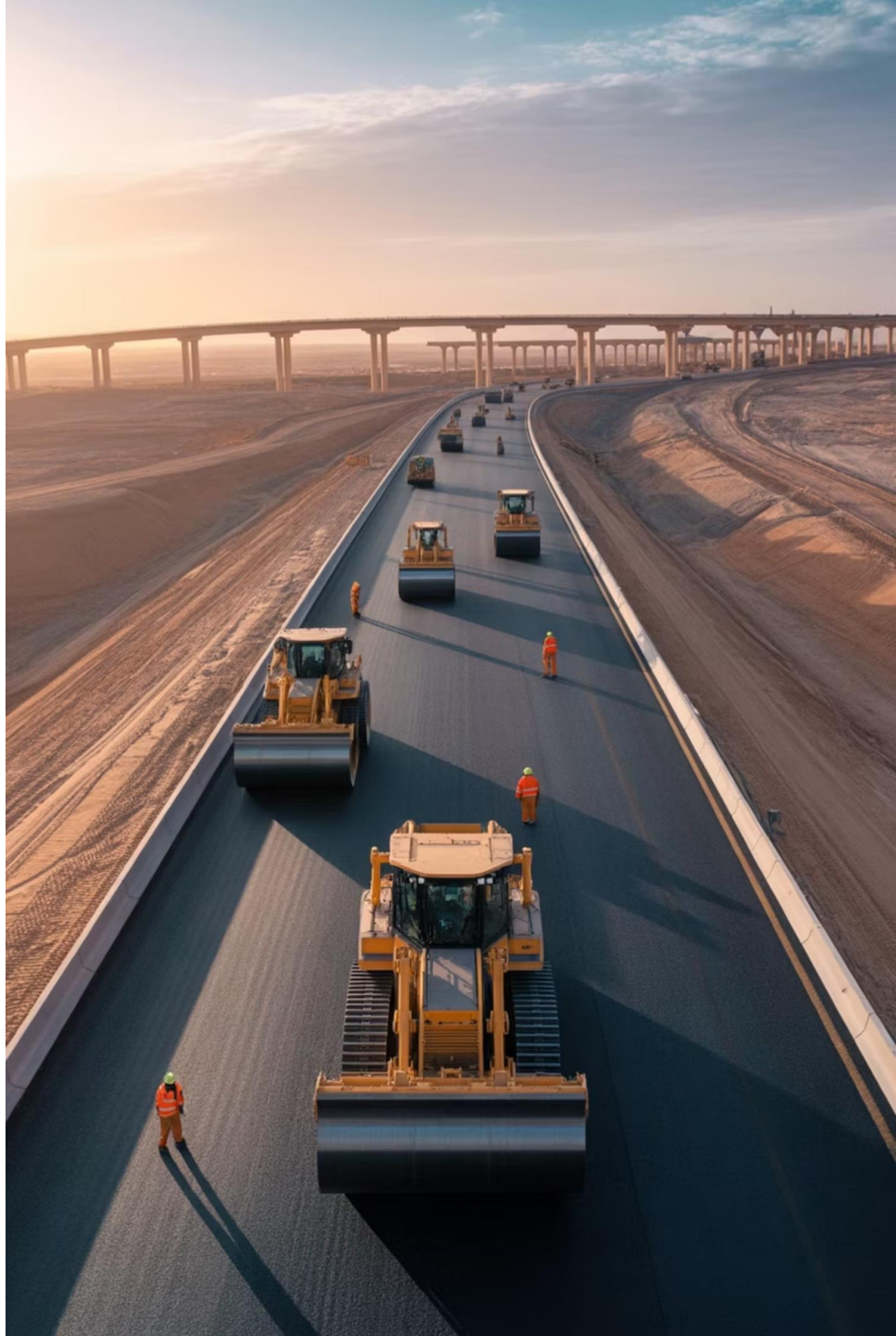
Km of Roads

Successfully executed over over the past five years

100%

Commitment

To international quality standards and Saudi specifications



Types of Projects We Execute

Highways

Implementing multi-lane highway networks with international specifications connecting the main cities in the Kingdom

Intersections and Bridges

Construction of complex intersections, overhead bridges, and tunnels to facilitate traffic flow and reduce congestion

Internal Roads

Implementation of road networks within cities and residential neighborhoods ensuring ease of movement and quality infrastructure

Industrial Area Roads

Construction of roads serving industrial and logistics areas designed to withstand heavy loads and high truck traffic density

Road Project Execution Phases

01

Planning and Study

Studying the project, analyzing its requirements, and preparing the implementation plan and schedule

02

Excavation and Grading

Preparing the project site and executing excavation, filling, and land leveling works

03

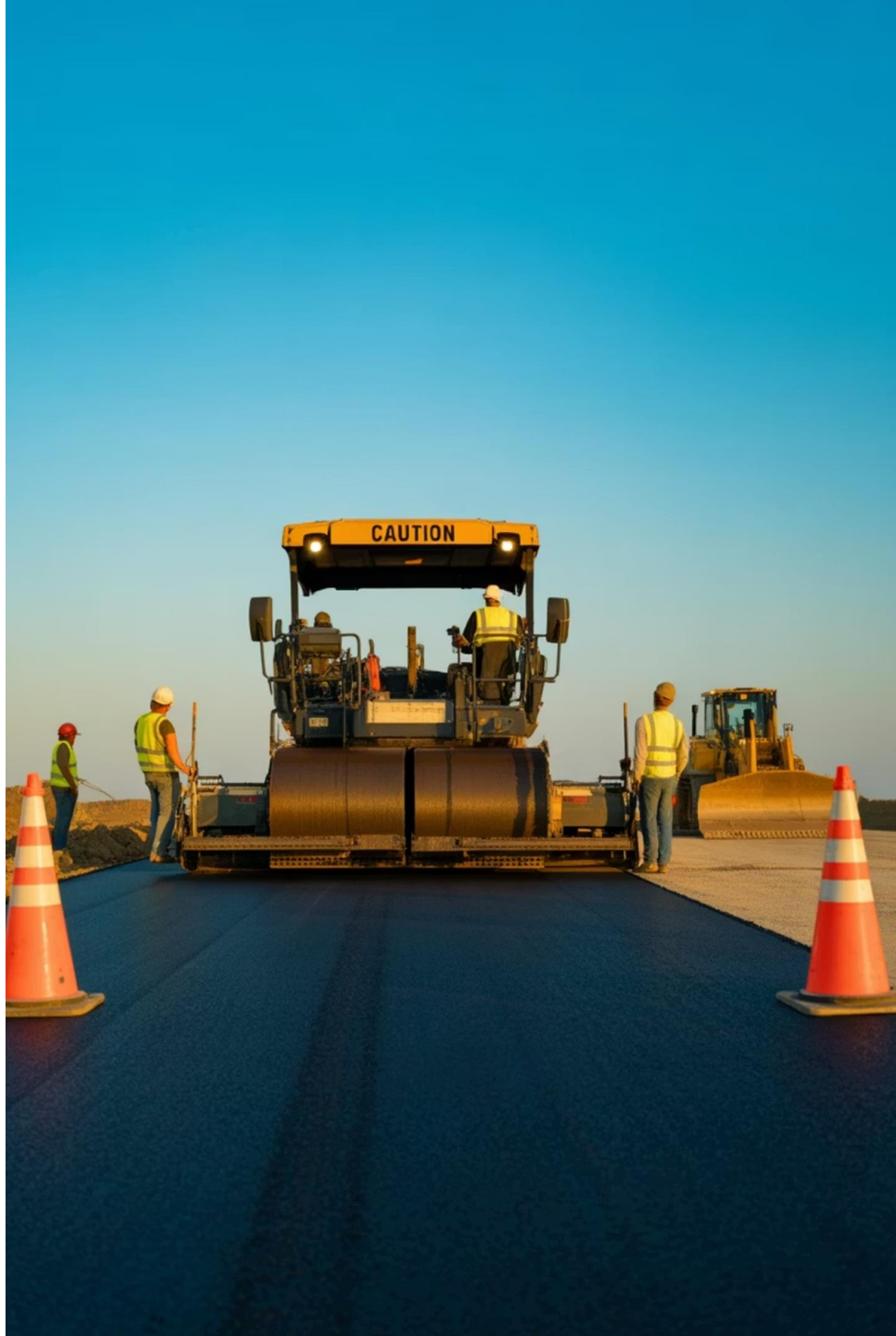
Paving Layers Execution

Constructing base and sub-base layers and asphalt layers with the required thicknesses

04

Final Finishes

Executing paints and markings and installing guide signs and traffic safety elements



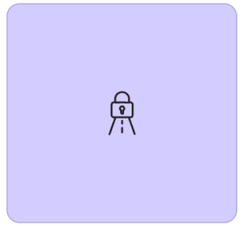
Road Paving Technology

Advanced Techniques in Road Paving Paving

Roads Union Company uses the latest technologies in road paving, ensuring ensuring exceptional quality and longer lifespan for executed roads.

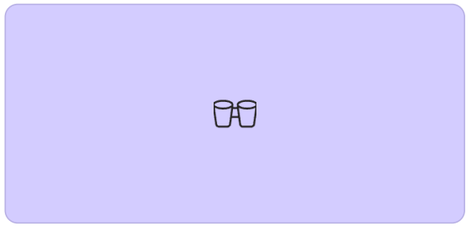
- Using polymer-modified asphalt to improve performance and crack resistance
- Cold paving technologies to preserve the environment and reduce energy energy consumption
- Technologies for recycling old asphalt and reusing it in new layers
- Ultrasonic thickness measurement systems to verify execution quality

Asphalt Paving Layers



Surface Layer

The top asphalt layer that is directly exposed to traffic movement and weather effects, characterized by high resistance to friction and wear

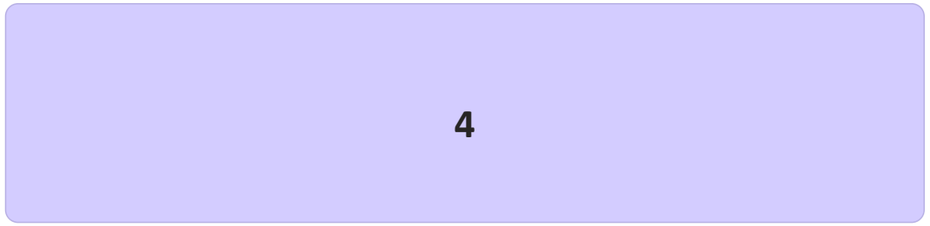


Binder Layer

A middle layer that works to connect the surface layer with the asphalt base layer and distribute loads evenly

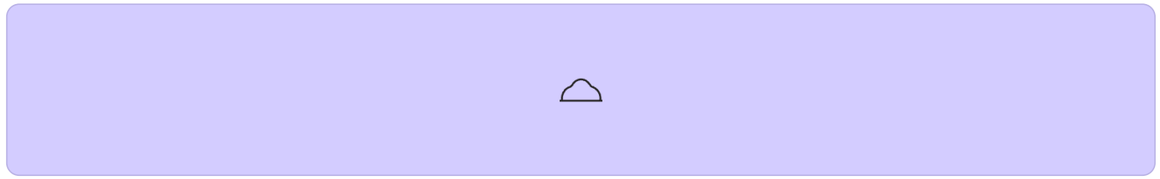
Asphalt Base Layer

A thick layer of asphalt that helps distribute loads and provide structural support for the road



Sub-base Layer

A layer of compacted granular materials that provides additional support and helps drain water drain water



Subgrade

The compacted natural soil that forms the final foundation for the road

Quality of Materials Used

Aggregates

Solid, wear-resistant aggregate with with suitable particle gradation, carefully selected from reliable sources sources and subjected to strict tests tests before use.

Bitumen

We use high-quality bitumen from approved suppliers with specifications that comply with the requirements of the Saudi Ministry of Transport and international specifications.

Additives

Specialized chemical materials added to the asphalt mix to improve its properties such as flexibility, crack resistance, and resistance to weather effects.

On-Site Quality Control Tests

Temperature Measurement

Measuring the temperature of the asphalt mix before and during paving to ensure it meets specifications

Thickness Measurement

Verifying the thickness of each paving layer using advanced measuring devices

Density Testing

Measuring the density of paved layers using nuclear density gauges to ensure compaction quality

Evenness Testing

Measuring road surface evenness using laser devices to ensure there are no no undulations or depressions

Advantages of Roads Union Company

Commitment to Deadlines

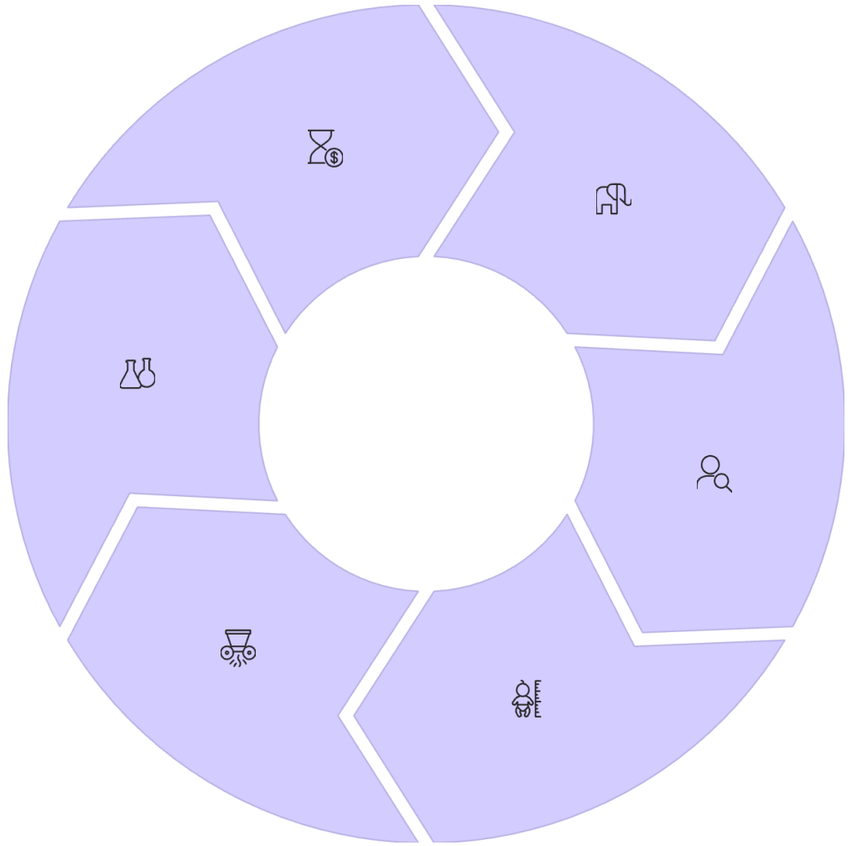
Executing projects within specified timeframes without delay

Specialized Laboratories

Laboratories equipped with the latest technologies to ensure material and execution quality

Advanced Equipment

An integrated fleet of modern and advanced equipment to execute all types of projects



High Quality

Commitment to the highest quality standards in all implementation phases

Qualified Personnel

A team of engineers and technicians with high competence and distinguished experience

Continuous Development

Keeping pace with the latest technologies and methods in road construction construction

Quality Standards and Accreditations

International Certificates and Accreditations

Roads Union Company has obtained numerous international certificates and accreditations that confirm its commitment to the highest quality standards:

- ISO 9001 Certificate for Quality Management System
- ISO 14001 Certificate for Environmental Management System
- OHSAS 18001 Certificate for Occupational Health and Safety Management Management System
- Accreditation from the Saudi Ministry of Transport as a first-class contractor
- Membership in the Saudi Contractors Authority

Occupational Health and Safety

Safety Culture

We promote a safety culture at all work sites through continuous training and implementation of strict safety procedures

Risk Assessment

Periodic assessment of potential risks at each work site and developing plans for prevention and dealing with them

Preventive Measures

Implementation of strict preventive measures in all phases of work to protect workers and equipment

Emergency Response

Immediate response plans for emergencies and training workers on how to deal with them with them

Our Environmental Policy

Roads Union Company is committed to implementing a strict environmental policy environmental policy aimed at reducing the negative environmental impacts of its impacts of its activities and promoting sustainability in all its operations.

Our Environmental Commitments:

Reducing Greenhouse Gas Emissions

Through the use of modern equipment and regular maintenance

Rationalizing Natural Resources Consumption

And energy in all phases of work

Recycling Construction Waste

And using it in other projects

Using Environmentally Friendly Technologies

Such as cold asphalt and recycled asphalt

Protecting Water Resources and Soil

From pollution during project implementation

Our Strategic Partners

We are proud of our strategic partnerships that enhance our capabilities and expand our scope of work:

Our partnerships include leading government entities and international companies specialized in the infrastructure sector:



These partnerships contribute to enhancing our ability to implement major projects and exchange experiences and modern technologies in the field of road the field of road construction, ensuring the achievement of the highest standards of quality and innovation.

Our Strategic Partners

Our strategic partnerships with leading governmental and private entities enable us to deliver world-class road infrastructure projects throughout the Kingdom of Saudi Arabia. By combining our expertise with our partners' resources and knowledge, we create synergies that benefit all stakeholders, from project owners to end-users of the road networks we build.

These collaborative relationships help us stay at the forefront of industry innovations and maintain our position as a trusted leader in road construction excellence.
excellence.

Our Approved Suppliers

Material Suppliers

We obtain raw materials from reliable and approved sources that adhere to international quality standards

Equipment Suppliers

We deal with major global manufacturers of road construction construction equipment such as Caterpillar, Volvo, Bomag, and Atlas Atlas Copco

Spare Parts Suppliers

We cooperate with a wide network of original spare parts suppliers to ensure optimal equipment performance

Our Completed Projects

50+

Integrated Infrastructure Projects

Including roads and facilities

75+

Highway Projects

Connecting major cities in the Kingdom

150+

Intersections and Bridges

To facilitate traffic flow and reduce reduce congestion

200+

Internal Road Projects

Within cities and residential neighborhoods

Projects Under Implementation

Eastern Ring Road of Jeddah City

- Length: 120 km
- Number of lanes: 3 in each direction
- Includes 15 intersections and 5 bridges
- Completion percentage: 60%

Riyadh - Qassim Highway

- Length: 350 km
- Number of lanes: 4 in each direction
- Includes 12 bridges and 8 main intersections
- Completion percentage: 75%

The company is currently implementing more than 25 projects in various regions of the Kingdom, and is committed to completing them according to the highest quality standards and within the specified timeframes.

Future Projects

Connecting GCC Countries

Participation in international road projects connecting the Kingdom with GCC countries within economic integration initiatives

Green Roads

Implementing environmentally friendly road projects using recycled materials and renewable energy generation technologies from vehicle movement

Smart City Roads

Participating in the implementation of integrated road networks for smart cities such as NEOM and The Line projects with modern technologies supporting self-driving vehicles

41 Road Projects in Al-Jouf Region

A detailed presentation of the projects implemented by the Roads Union Contracting Company

Ministry of Municipal and Rural Affairs - Kingdom of Saudi Arabia

Project Overview

Asphalt, Sidewalks, and Lighting Project (Khuaa Axis)

Contract Value: 3,017,520 Riyal

Project Duration: 360 days

الاتصالات الادارية
رقم الصادر: ١١٦٥٣/٠١
التاريخ: ١٤٣٩/٠٥/١١
المرفقات: نسخة عقد
المركز الرئيسي
وزارة النقل TRANSPORT MINISTRY

وزارة النقل TRANSPORT MINISTRY

رؤية VISION 2030 المملكة العربية السعودية KINGDOM OF SAUDI ARABIA

إدارة المنافسات والعقود

الموضوع: تبليغ وثائق عقد، منافسة رقم (١٥٨).

السادة/ شركة اتحاد الطرق المحترمين

ص . ب ٣١٩٦٨ الرياض ١١٤١٨

السلام عليكم ورحمة الله وبركاته

نبعث لكم من طيه نسخة من العقد المبرم معكم بتاريخ ١٤٣٩/٠٥/١١هـ عن عملية تنفيذ مشروع **الاعمال المتبقية لتعديل المنحنيات على الطرق الزراعية بمنطقة الجوف**، وبقيمة إجمالية قدرها (٢٢,٨٣٤,٥٥٩) ريال، وتتكون من : -

١- وثيقة العقد والشروط العامة والخاصة. ٢ - نطاق العمل وجداول الكميات.

نأمل مراجعة إدارة الطرق والنقل بمنطقة الجوف لاستلام موقع العمل والبدء في التنفيذ، وسرعة موافاة إدارة التنفيذ بمحضر استلام موقع العمل موقعاً منكم ومن الجهة المشرفة.

ولكم تحياتنا ،،، .

مدير عام إدارة المنافسات والعقود

حامد بن محمد الشمري

ص.ب 11178 المملكة العربية السعودية Saudi Arabia P.O. Box
فاكس 8744588 11 966+ Fax هاتف 8744444 11 966+ Tel.
www.mot.gov.sa
@SaudiTransport

Project Overview

Road Rehabilitation and Development Project (Al-Amariya Contract)

Contract Value: 739,000 Riyals

Project Duration: 300 days

المستخلص الختامي

وزارة الشئون البلدية والقروية الجهه : بلديه زلوم	جهة الإشراف : قسم المشاريع : بلديه زلوم	المقاول : شركة اتحاد الطرق
رقم المشروع : ١٩/٠١٠/٧٠٤/٤٠٠١٤٠٠٠/٣١١١٣١١	اسم المشروع إعادة تأهيل و تطوير الطرق (عقد العمارية)	
قيمة العقد : ٧٣٩٠٠٠ ريال		
مدة المشروع : ٣٠٠ يوم	المدة الإضافية المعتمدة : ٠ يوم	
تاريخ تسليم الموقع : ١٤٣٩/١٢/٢٢ هـ	تاريخ الإستلام الإبتدائي المقرر ١٤٤٠/١٠/٢١ هـ	
مدة التأخير : ٠ يوم	سريان الضمان : ساري	

مستخلص الختامي عن المدة من : ١٤٤٠/٠٦/٢١ هـ حتى : ١٤٤٠/١٠/٢١ هـ

الحسومات :				
قسم سلف مقدمة (%) :	ريال	-	إجمالي الأعمال الأعتيادية :	٧٣٩٠٠٠
قسم غرامة تأخير :	ريال			
قسم غرامة إشراف:	ريال	-		
قسم غرامة عدم تواجد مهندس أو مراقب :	ريال		الإجمالي :	٧٣٩٠٠٠
حسومات أخرى :	ريال			
ات ما سبق صرفه :	ريال	٦٤٠٠٠٠		
إجمالي الحسومات :	ريال	٦٤٠٠٠٠	إجمالي قيمة المستخلص :	٩٩٠٠٠

إجمالي المبلغ المستحق صرفه للمقاول : (٩٩٠٠٠) فقط تسعة و تسعون ألف ريال لا غير

نسبة الأعمال المنجزة حتى تاريخه : ١٠٠%

نسبة المدة المنقضية لكامل المشروع : ١٠٠%

المقاول :	الاستشاري
م/عبدالعزيز سيد عبدالعزيز	الاسم : م/ سمير محمد محمود
التوقيع :	التوقيع :

مدير الشئون الفنية

الاسم : م/ أحمد خالد الرويلي

التوقيع :

رئيس بلدية زلوم

شالح بن سايرالشمري

التوقيع:

Project Overview

Suwayr Road Implementation Project

Contract Value: 13,061,911 Riyal

Contract Signing Date: 14/07/1432 AH

Main Contractor: Advanced Communication Systems Contracting Establishment Establishment

Fax émis par : 4443232 A T S 16/01/13 15:54 Pg: 1

TOTAL P.01

بسم الله الرحمن الرحيم

المملكة العربية السعودية
وزارة النقل
٢٨١

الرقم : ٠٢/١٦٦٩٧٧
التاريخ : ٢٩/٢/١٤٣٤
المرفقات :

الإدارة العامة للتنفيذ
إدارة متابعة التنفيذ

الموضوع: الموافقة على تأهيل شركة اتحاد الطرق كمقاول من الباطن بمشروع تنفيذ طريق صوير (٢٥)كم بمنطقة الجوف

المكرم مدير مؤسسة أنظمة الاتصالات المتقدمة للمقاولات المحترم
(ص.ب ٥١ الرياض ١١٣٥)

السلام عليكم ورحمة الله وبركاته ،،،،،

إشارة إلى خطابكم رقم أ/ط/١٣/٢٠١٢ وتاريخ ١٤٣٤/٢/١١هـ بخصوص طلبكم الموافقة على تأهيل شركة اتحاد الطرق للمقاولات للعمل كمقاول من الباطن بمشروع تنفيذ طريق صوير بطول (٢٥)كم والذي سبق وأن تم التعاقد على تنفيذه معكم وذلك للقيام بتنفيذ الأعمال الترابية وأعمال السفلتة والتي تمثل ما نسبته (٤٠٪) من قيمة عقد المشروع .

نفيدكم بالموافقة على التعاقد من الباطن مع شركة اتحاد الطرق للمقاولات المذكورة للقيام بالأعمال المذكورة والموضحة في خطابكم المشار إليه أعلاه ، علماً بأن هذه الموافقة لا يترتب عليها أن يصبح مقاول الباطن طرفاً في العلاقة التعاقدية التي تربط بينكم وبين الوزارة ، مع بقائكم مسئولين عن تنفيذ العقد المبرم معكم وفقاً لأحكام النظام .

ولكم تحياتنا ،،،،،

مدير عام الإدارة العامة للتنفيذ

المهندس / حسان بن رشاد عطية

المملكة العربية السعودية – الرياض ١١١٧٨ – هاتف : ٨٧٤٤٤٤٤ (١ ٩٦٦) فاكس : ٨٧٤٤٥٨٨ (١ ٩٦٦)

16-JAN-2013 11:53 FROM M.O.TRAN. TO P.01

Project Overview

Project to Modify Curves on Agricultural Roads (Al-Jouf Region)

Contract Value: 22,834,559 Riyal

Project Duration: 360 days

الاتصالات الادارية
رقم الصادر: ١١٦٥٣/٠١
التاريخ: ١٤٣٩/٠٥/١١
المرفقات: نسخة عقد
المركز الرئيسي
وزارة النقل TRANSPORT MINISTRY

وزارة النقل TRANSPORT MINISTRY

رؤية VISION 2030 المملكة العربية السعودية KINGDOM OF SAUDI ARABIA

إدارة المنافسات والعقود

الموضوع: تبليغ وثائق عقد، منافسة رقم (١٥٨).

السادة/ شركة اتحاد الطرق المحترمين

ص . ب ٣١٩٦٨ الرياض ١١٤١٨

السلام عليكم ورحمة الله وبركاته

نبعث لكم من طيه نسخة من العقد المبرم معكم بتاريخ ١٤٣٩/٠٥/١١هـ عن عملية تنفيذ مشروع **الاعمال المتبقية لتعديل المنحنيات على الطرق الزراعية بمنطقة الجوف**، وبقيمة إجمالية قدرها (٢٢,٨٣٤,٥٥٩) ريال، وتتكون من : -

١- وثيقة العقد والشروط العامة والخاصة. ٢ - نطاق العمل وجداول الكميات.

نأمل مراجعة إدارة الطرق والنقل بمنطقة الجوف لاستلام موقع العمل والبدء في التنفيذ، وسرعة موافاة إدارة التنفيذ بمحضر استلام موقع العمل موقعاً منكم ومن الجهة المشرفة.

ولكم تحياتنا ،،، .

مدير عام إدارة المنافسات والعقود

حامد بن محمد الشمري

ص.ب 11178 المملكة العربية السعودية Saudi Arabia P.O. Box
فاكس 8744588 Fax +966 11 هاتف 8744444 Tel. +966 11

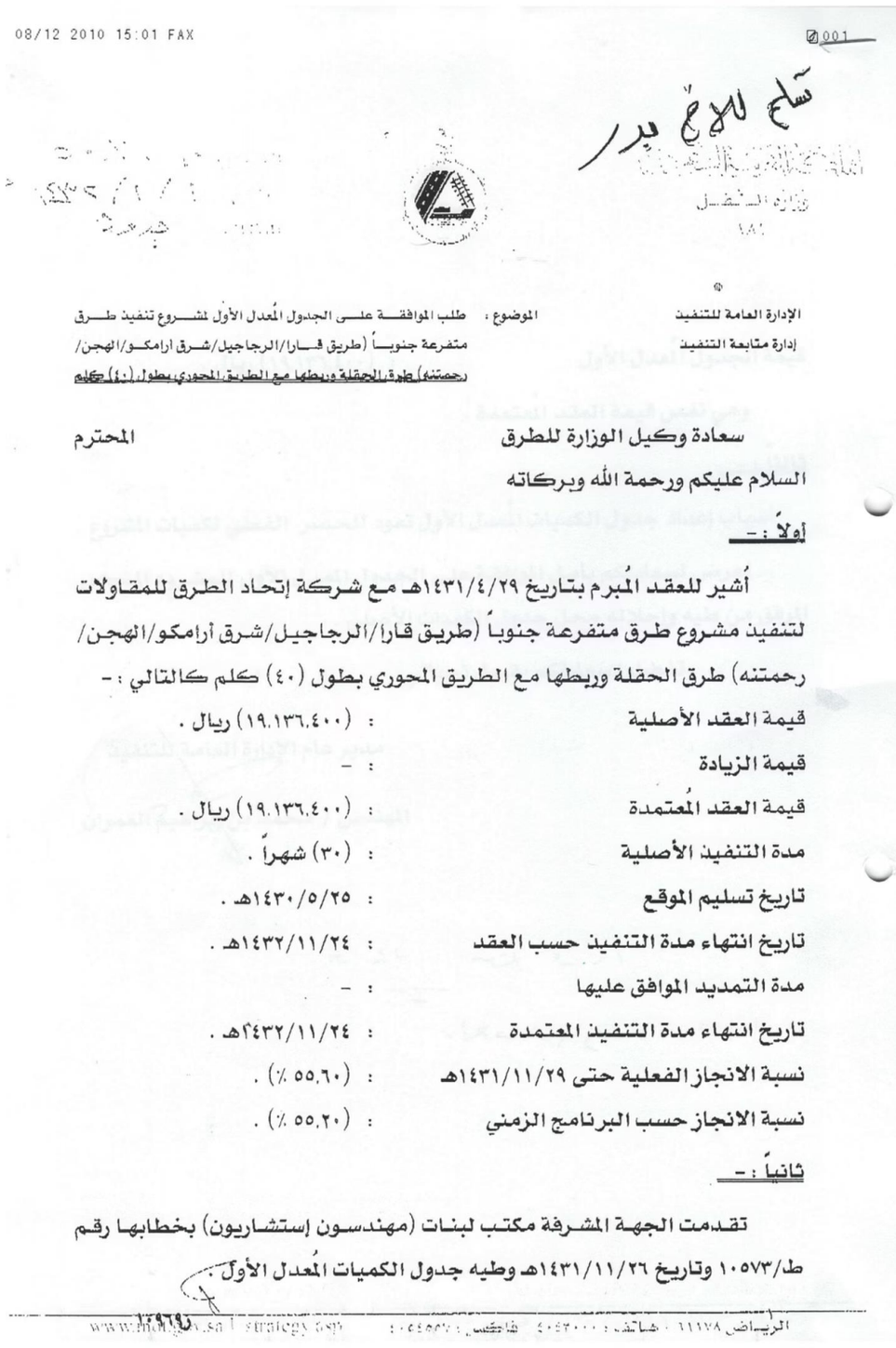
www.mot.gov.sa
@SaudiTransport

Project Overview

Project for the Implementation of Branching Roads (Qara Roads (Qara Road/Al-Rajajil Road/East Aramco Road/Al-Road/Al-Hajan Road/Rahmanah Road)

Contract Value: 19,136,400 Riyals

Project Duration: 30 days



08/12 2010 15:01 FAX 001

وزارة النقل

الإدارة العامة للتنفيذ
إدارة متابعة التنفيذ

الموضوع : طلب الموافقة على الجدول المُعدل الأول لمشروع تنفيذ طرق متفرعة جنوباً (طريق قارا/الرجاجيل/شرق ارامكو/الهجن/رحمتنه) طرق الحقلة وربطها مع الطريق المحوري بطول (٤٠) كلم

سعادة وكيل الوزارة للطرق المحترم

السلام عليكم ورحمة الله وبركاته

أولاً : -

أشير للعقد المُبرم بتاريخ ١٤٣١/٤/٢٩هـ مع شركة إتحاد الطرق للمقاولات لتنفيذ مشروع طرق متفرعة جنوباً (طريق قارا/الرجاجيل/شرق أرامكو/الهجن/رحمتنه) طرق الحقلة وربطها مع الطريق المحوري بطول (٤٠) كلم كالتالي : -

قيمة العقد الأصلية	:	(١٩.١٣٦.٤٠٠) ريال .
قيمة الزيادة	:	-
قيمة العقد المُعتمدة	:	(١٩.١٣٦.٤٠٠) ريال .
مدة التنفيذ الأصلية	:	(٣٠) شهراً .
تاريخ تسليم الموقع	:	١٤٣٠/٥/٢٥هـ .
تاريخ انتهاء مدة التنفيذ حسب العقد	:	١٤٣٢/١١/٢٤هـ .
مدة التمديد الموافق عليها	:	-
تاريخ انتهاء مدة التنفيذ المعتمدة	:	١٤٣٢/١١/٢٤هـ .
نسبة الانجاز الفعلية حتى ١٤٣١/١١/٢٩هـ	:	(٥٥,٦٠ ٪) .
نسبة الانجاز حسب البرنامج الزمني	:	(٥٥,٢٠ ٪) .

ثانياً : -

تقدمت الجهة المشرفة مكتب لبنات (مهندسون إستشاريون) بخطابها رقم ط/١٠٥٧٣ وتاريخ ١٤٣١/١١/٢٦هـ وطيه جدول الكميات المُعدل الأول

الرياض ١١١٧٨ - هاتف : ٤٠٤٢٠٠٠ - فاكس : ٤٠٤٥٥٣١ : ٠

Southern Branching Roads Project

The Southern Branching Roads Project was implemented with a total length exceeding 140 km, and the project included the following roads:

South Technical College/Samja Road

7.7 km long

Al-Hassian Station/Al-Haqla Road

2.25 km long

Al-Bahtana/Al-Haqla Road

3.2 km long

Rahmaniya/East Aramco Road

20 km long

Khuaa/Dhahrat Al-Lira Road

7 km long

Road Projects for the Saudi Electricity Company

A detailed presentation of the projects implemented by the Roads Union Contracting Company

For the Saudi Electricity Company, Kingdom of Saudi Arabia

Eastern Operating Area
Tel.: +966-3-857-2300
Fax: +966-3-857-6060
sec@sceco-east.com.sa
P.O.Box 5190
Dammam 31422
Saudi Arabia

الشركة السعودية للكهرباء
Saudi Electricity Company
نعمل باتقان من أجلكم

DISTRIBUTION ENGINEERING DEPARTMENT

Projects Division
Phase I – 2nd Floor East, HQs, Dammam
☎858-5296

20-346-43015
10.05.2020

Contract #: 4400007415
Construction of New Al-Adarah 33/13.8kV Substation

PA COST INERNATIONAL
P. O. Box 30357, Al-Khobar 31952
Phone # 013-887 2382, Fax # 013-887 9152

Attention: Project Manager,

Reference: PA COST letter #: PACOST/AD-16/374 Dated 30.04.2020

Subject: SEC Reply on Company Profile for Asphalt Contractor M/S. Road Union Company

With reference to the above, please be informed that SEC reviewed the Company Profile for Asphalt Contractor M/S. Road Union Company and comments and found **Acceptable**.

This is for your information and immediate action.

Regard,

Ahmed I. Al-Gadhib
Manager, DED/ Projects Division

HAA

Cc : File 3.1.2
Route : AIG/HAA/SYH/Letter File
Ref : DED/MNED Letter #: 20-135-43017 Dated 07.05.2020

SAUDI ELECTRICITY PROJECTS DEVELOPMENT CO.

Projects Business Unit, Projects Department -COA

الشركة السعودية للكهرباء
Saudi Electricity Company

REVIEW OF CONTRACTOR'S SUBMITTAL

SUBMITTAL No.	LTSA/SEC-400011980/CL 084	Date:	21.10.2020

PROJECT TITLE : **Installation of Reactors for Waad AL – Shamaal – Arar 380kV Interconnection**

CONTRACT No : 4400011980 **BI No :** **JO.No.**

To :	From :
Engr. Nader Saad AlOtaibi **Manager** **Projects Department-COA** **SEC Headquarter, Building C-6 2nd Floor, Riyadh**	LARSEN & TOUBRO SAUDI ARABIA LLC P.O.Box295020, Riyadh 11351, KSA Tel: 011-2921502 Fax:011 4749223

ACCEPTANCE OF THE FOLLOWING SUBMITTAL IS HERE BY REQUESTED :

Check in the Appropriate Box: ☐ Drawings / Sketches ■ Materials / Equipment ☐ Test Reports ☐ Others Specify

FILL -UP APPLICABLE INFORMATION BELOW :

Description : 4400011980 – Submission of Prequalification documents of Suppliers / Subcontractors for Asphalt Works at Arar and Waad Al Shamaal Reactor sites.

Reference Specification : Project PTS#18CR305;
Manufacturer/Supplier :
Vendor Address :
Expected Delivery Time :

COMPLYING WITH SCOPE OF WORK AND TECHNICAL SPECIFICATIONS? ☐ YES ☐ NO
IF **"NO"** INDICATE DEVIATIONS : (Provide justification and attach supporting documents)

(LARSEN & TOUBRO SAUDIA LLC)	(SEC)
SUBMITTED BY : Project Manager	**Received by :** Project Manager, EHVPD
Signature	Signature
Name **Nazeer Hussainshaik**	Name **Eng'r. Ajaz ul Kabir B. Sheikh**
Date **21.10.2020**	Date :

FOR SEC-COA CTAPD/EXTRA HIGH VOLTAGE PROJECT DIVISION USE ONLY

SEC HAVE REVIEWED THE ABOVE SUBMITTAL AND FOUND IT:

- X ACCEPTABLE
- ☐ ACCEPTABLE, AS NOTED
- ☐ NOT ACCEPTABLE (RESUBMIT)
- ☐ PROVIDE ADDITIONAL INFORMATION
- X SEE ATTACHED COMMENTS **XXXXXXXXX REMARKS**

EHV Group Leader, Qassim and North Projects Division

REMARKS :
- Proposed Supplier/ Subcontractor M/s Road Union is Acceptable for Asphalt works at Arar and Waad Al Shamaal.
-Kindly submit the Asphalt Mix Design for SEC review / Approval.

Signature
Name **Engr. Jehad Abdullah Al-Suwayiel**
Ref 12021001 / 517C/20
Date 25 /10 /20

Received by Signature :
(LTSA) Name :
Date :

NOTE : Acceptance does not release the contractor from his responsiblities in performing the work in strict conformance with Contract ,Scope of Work and Technical Specifications.

Date : 02/Oct/23

Central North Projects Division ,
Projects Department - Central,

With reference to your letter No .# ALF/SEC/PE-233/102-R0 dated 01/Oct/2023 ; Find under here our reply :

The Below Missing Doc. To Be Provided :

1-Valid Zakah Certificate
2-Valid GOSI Certificate
3-Valid Certificate form Labor Office attesting to adherence of Subcontractor to official saudization Percentage.
4- Valid chamber of commerce

CTAPD-023 Review of Contractors Submittal (CSPD2)

SAUDI ELECTRICITY PROJECTS DEVELOPMENT CO.
Projects Business Unit, Projects Department-COA
REVIEW OF CONTRACTOR'S SUBMITTAL

الشركة السعودية للكهرباء
Saudi Electricity Company
تعمل بإتقان من أجلكم

Submittal No. :	ALF/SEC/PE-233/102-R0	Date :	01.10.2023

CONTRACT No.: **4400015595** CONTRACTOR : **Alfanar Co.**
BUDGET ITEM No : JOB ORDER No.: **1-2112033.01**
PROJECT TITLE : **Expansion of Existing Tabarjal 380kV BSP**

To : **Engr. Abdussamad R. AlRouiji**
Division Manager, Qassim & North Projects Division
Projects Department-COA
Qassim Central Power Plant, Projects Buildings, Al Qassim
Tel# 016-3439894

From : **Alfanar Co.**
P.O. Box 301, Riyadh 11411
Tel. no. : 920006111
Fax. no.: 011 450 6243

ACCEPTANCE OF THE FOLLOWING SUBMITTAL IS HEREBY REQUESTED:
Check in the Appropriate Box: ☐ *Drawings / Sketches* ☐ *Materials / Equipment* ☐ *Test Reports* ☑ *Others (Specify)*

FILL-UP APPLICABLE INFORMATION BELOW:

Description : **Proposed Subcontractor for Asphalt Works - M/s Roads Union Co.**
Reference Specification :
Manufacturer/Supplier :
Vendor Address :
Expected Delivery Time :

COMPLYING WITH SCOPE OF WORK AND TECHNICAL SPECIFICATIONS? ☑ *YES* ☐ *NO*
*IF "**NO**" INDICATE DEVIATIONS : (Provide justification and attach supporting documents)*

(Contractor: Alfanar Co.)
Submitted by : Project Manager
Signature :
Name : Engr. Malik Alqaryotee
Date : 01.10.2023

شركة الفنار للانشاءات
عقد رقم: 4400015595
CONTRACT NO: 4400015595
Expansion Of Existing Tabarjal 380kV BSP
Alfanar Construction Company

(SEC)
Received by: Project Engineer
Signature :
Name : Engr. Saleh Ibrahim Al-Hammad
Date : 01.10.2023

FOR SEC USE ONLY

SEC HAVE REVIEWED THE ABOVE SUBMITTAL AND FOUND IT
☐ *ACCEPTABLE*
☐ *ACCEPTABLE AS NOTED*
☐ *NOT ACCEPTABLE (RESUBMIT)*
☒ *PROVIDE ADDITIONAL INFORMATION*
☐ *SEE ATTACHED COMMENTS*

REMARKS: 12031401 / 2323H / 23
See Attached Comments
Please use extra sheets if needed.

Projects Engineer - Civil, QNPD
Signature :
Name : **Engr. Abdullah Ali Al-Hamoudi**
Ref. : **12031401/ /23**
Date : **02 / 10 /2023G**

(Contractor)
Received by :
Signature :
Name :
Date :

NOTE : Acceptance does not release the Contractor from his responsibilities in performing the work in strict conformance with Contract, Scope of Work and Technical Specifications.

Union Roads Company Achievements

100%

Achievement

Percentage of completed work in various road projects projects

22.8

Million Riyals

The value of the project to modify curves on agricultural roads

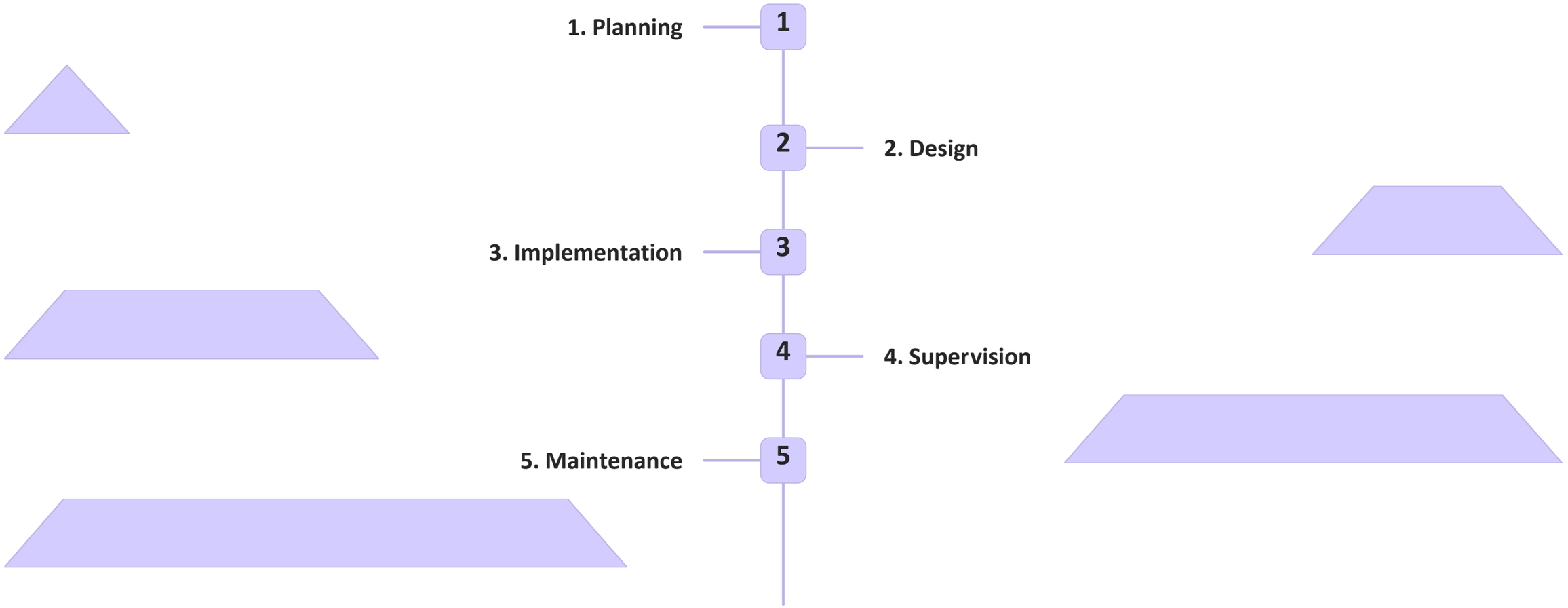
161.37

Kilometers

Total lengths of roads implemented in the branching roads project in in the south

Union Roads Company has contributed to the development of the road infrastructure in the infrastructure in the Al-Jouf region by implementing many vital projects that connect different connect different regions and facilitate the movement of citizens.

Scope of Our Services



We provide integrated services covering the entire lifecycle of road projects, starting from the initial planning phase and engineering design, through implementation and project supervision, to and project supervision, to periodic and emergency maintenance services after completion. This integrated system allows us to provide comprehensive solutions that ensure high quality and ensure high quality and long-term sustainability for the roads we build.

Engineering Design Services

The Engineering Studies Department at Roads Union Company provides integrated design services for roads using the latest engineering programs and technologies.

Design Services Include:

- Traffic studies and analysis of future movement volume
- Topographic and geological studies
- Designing the cross-section of the road and determining the number of lanes lanes
- Designing horizontal and vertical slopes of the road
- Designing rainwater drainage systems
- Designing traffic signs and safety elements
- Three-dimensional modeling of the project and traffic simulation

Implementation Services

Excavation and Filling

Preparing the project site and executing excavation and filling works according to the design level of the road

Base Layers

Implementing base and sub-base layers using high-quality materials and compacting them with the required density

Paving Works

Implementing asphalt paving layers using approved mixes and modern equipment to ensure execution quality

Concrete Structures

Implementing bridges, tunnels, culverts, retaining walls, and other concrete concrete structures associated with roads

Post-Implementation Services

Periodic Inspection

Regular inspection of roads to detect any defects or problems in their early stages

Preventive Maintenance

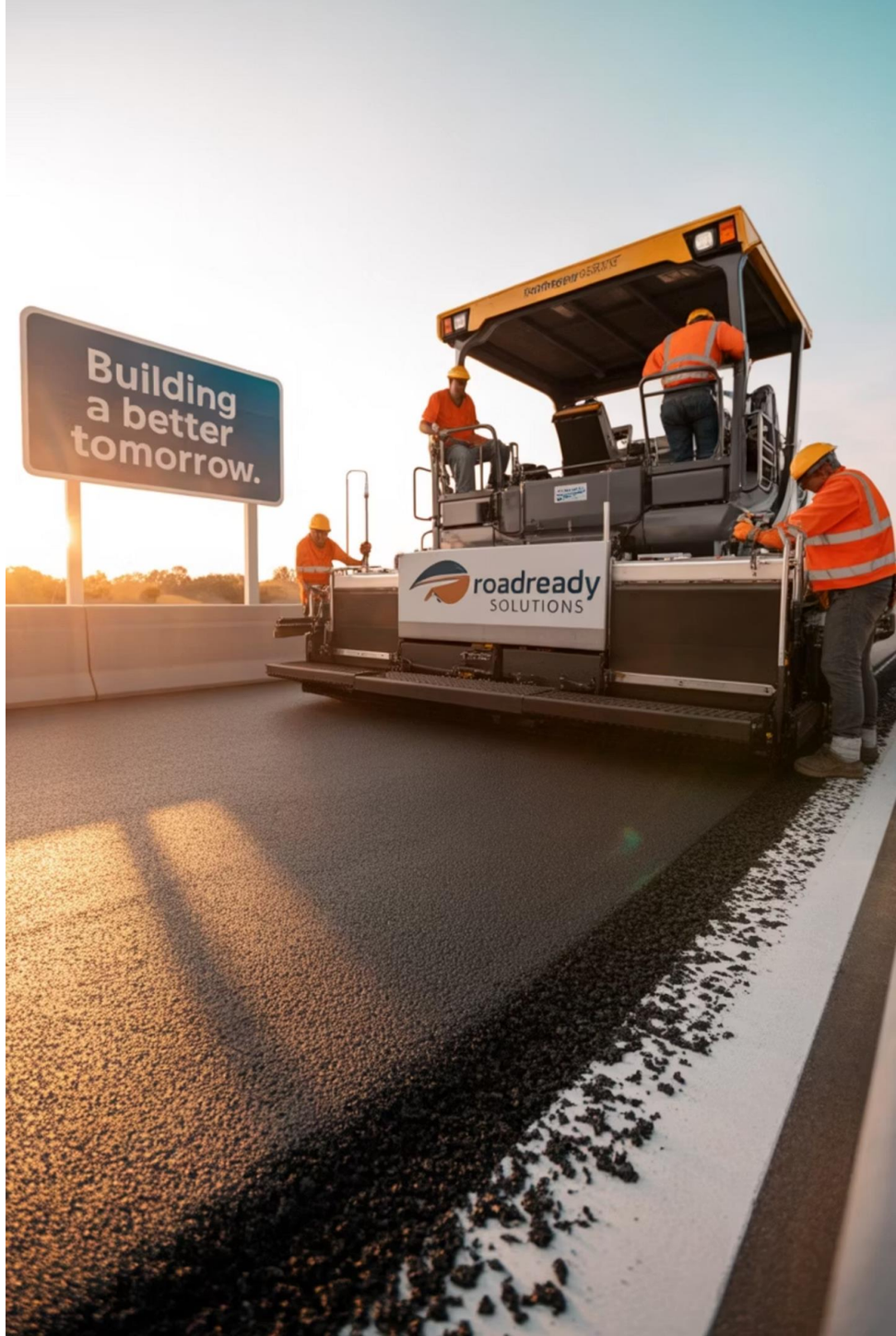
Periodic maintenance programs to maintain the road condition and extend its lifespan

Emergency Maintenance

Quick response to repair any emergency damage resulting from accidents or weather factors

Improvement Works

Developing and improving existing roads to keep pace with the increase in traffic volume or volume or safety requirements



Specialized Technical Expertise

Roads in Mountainous Areas

Experience in implementing mountain roads and addressing challenges of steep slopes, hard rocks, and rainwater drainage

Roads in Desert Areas

Distinguished experience in implementing roads in desert environments and addressing challenges of sand encroachment and high temperatures

Roads in Urban Areas

Experience in implementing roads in congested areas while maintaining traffic flow continuity and minimizing disturbance to residents

Modern Technologies in Road Implementation

Artificial Intelligence Applications

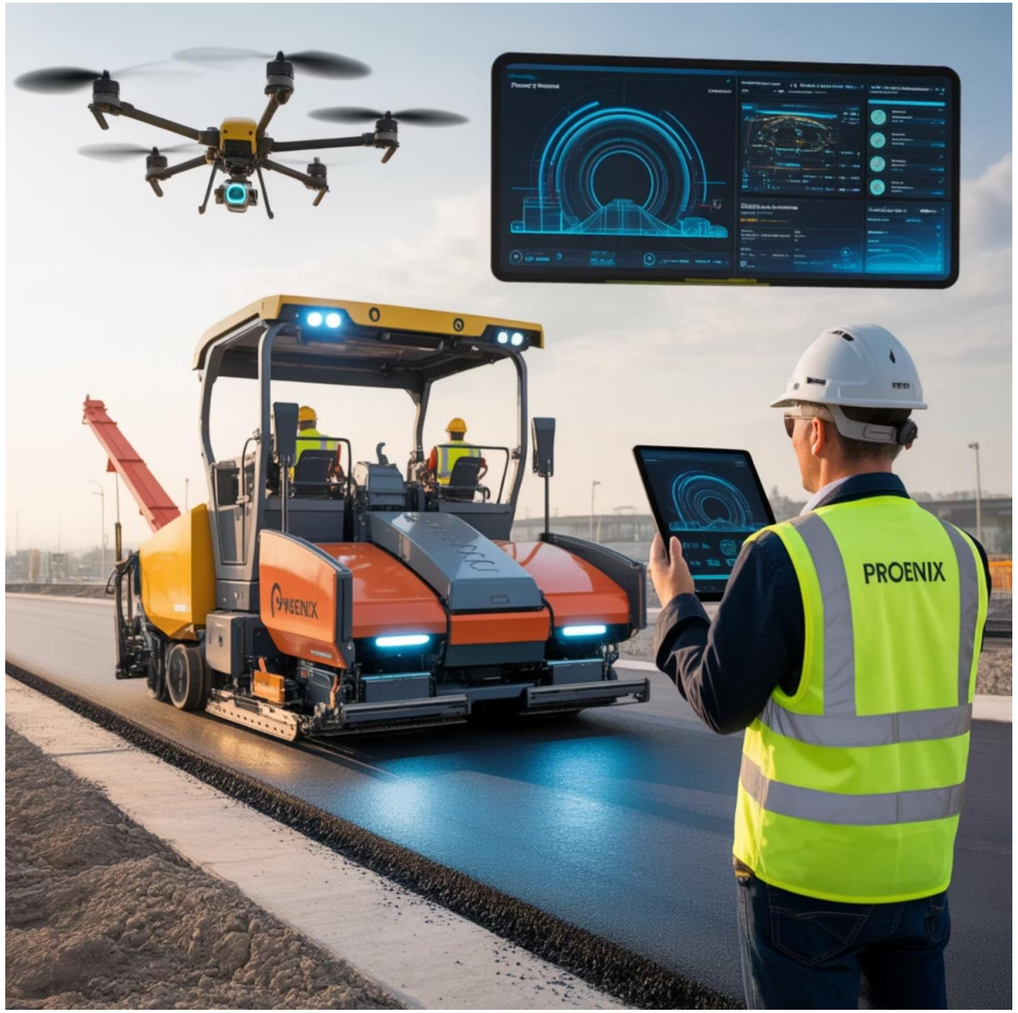
Applying artificial intelligence techniques in data analysis, improving implementation efficiency, and predicting potential problems before they occur.

Geographic Information Systems (GIS)

Using geographic information systems in planning, designing, and monitoring road projects with high precision.

Building Information Modeling (BIM)

Applying building information modeling in road projects to improve coordination between various disciplines and reduce conflicts.



Heavy Equipment Fleet Inventory Overview

Our comprehensive equipment management system tracks 2,000+ assets across multiple multiple categories, providing real-time availability data for optimal project planning and planning and resource allocation.

CATEGORY	AVAILABILITY	CATEGORY	AVAILABILITY	CATEGORY	AVAILABILITY
Bulldozer D155A - 42 T	21	Dump Truck - 45 T	30	Dyna Truck - 5 T	21
Buldozer D8 - 38 T	39	Dump Truck - 30 T	176	Dyna Truck - 4 T	19
Bulldozer PD410 - 36 T	42	Dump Truck - 15 T	117	Dyna Truck - 3 T	22
Excavator - 50 T	18	Articulated Dump Truck - 60 T	40	Buses	36
Excavator - 45 T	25	Low Bed Truck	19	Pick-ups	233
Excavator - 36 T	32	Hydraulic Low Bed Truck	8	Cars	320
Excavator - 30 T	57	Trailer with Low Bed	15	Bobcat	27
Excavator - 22 T	145	Trailer with Flat Bed	22	Forklift	17
Wheel Loader - 4 CM	5	Telescopic Mobile Crane 100 T	2	Airless Spray Paint	14
Wheel Loader - 3 CM	19	Telescopic Crane 50 T	9	Generator	62
Wheel Loader - 2 CM	12	Bucket Truck - 25 m	10	Air Compressor	35
Piling Rig Drilling Machine	11	Bucket Truck - 24 m	9	Welding Machine	73
Anode Drilling Machine	7	Bucket Truck - 20 m	17	Pipe Bending Machine	6
Backhoe (JCB)	22	Bucket Truck - 14 m	11	Sand Blasting Machine	11
Grader - 18 T	11	Water Tanker - 32,000 L	14	Ground Drilling Machine	15
Grader - 16 T	19	Water Tanker - 18,000 L	21	Coating Machine	10
Roller Compactor	45	Vacuum Tanker - 20,000 L	4	Stone Crusher	5
Asphalt Paver	6	Vacuum Tanker - 12,000 L	7	Manifold Skid 20000 PSI	5
Asphalt Cutter	17	Diesel Tanker -36,000 L	5	Hydro Testing Pump	10
Pipelayer (Side Boom)	37	Diesel Tanker -18,000 L	8	Jackhammer	19
Telescopic Boom Truck- 14 T	17	Concrete Mixer	6	Lifting Equipment	11
Telescopic Boom Truck- 12 T	22	Dyna Truck - 6 T	8	Tower Lights	120
Telescopic Boom Truck- 10 T	27				
Dump Truck - 60 T	20				

Fleet Distribution by Equipment Type

Our inventory consists of diverse equipment categories strategically balanced to support multiple concurrent projects. The distribution reflects our operational our operational focus on earthmoving, transportation, and specialized construction applications.

320

Cars

Largest single equipment category, category, primarily supporting site site supervision, management mobility, and client transportation transportation

233

Pick-ups

Essential for material transport, site management, and utility purposes across all project locations

176

Dump Trucks (30T)

Core fleet for earth movement, material transport, and waste removal removal operations

145

Excavators (22T)

Versatile medium-duty excavators for excavators for precision digging, trenching, and material handling

The strategic balance between light vehicles, heavy machinery, and specialized equipment allows us to maintain operational flexibility while maximizing equipment maximizing equipment utilization rates across different project types and phases.

Earthmoving Equipment Availability

Our extensive earthmoving fleet enables us to handle projects of any scale, from small commercial developments to major infrastructure initiatives. With 321 dedicated 321 dedicated earthmoving assets, we maintain sufficient capacity for multiple simultaneous large-scale operations.

Bulldozers

Total Units: **102**

- D155A (42T): 21 units
- D8 (38T): 39 units
- PD410 (36T): 42 units

Primarily used for heavy clearing, grading, and material spreading operations. The D8 and PD410 models feature GPS-guided blade systems for precision grading.

Excavators

Total Units: **277**

- 50T: 18 units
- 45T: 25 units
- 36T: 32 units
- 30T: 57 units
- 22T: 145 units

Our excavator fleet covers all operational requirements from mass excavation to precision utility work, with 22T units being our most versatile and deployed asset.

Wheel Loaders

Total Units: **36**

- 4CM: 5 units
- 3CM: 19 units
- 2CM: 12 units

Essential for material handling, stockpiling, and loading operations. The 3CM models feature quick-change attachment systems for maximum versatility.

Equipment utilization rates for earthmoving machinery currently average 72%, with peak demand periods requiring advance scheduling to ensure availability for critical path activities.

Transportation & Logistics Fleet

Our fleet includes specialized transport vehicles for equipment relocation between project sites, minimizing mobilization costs and maximizing operational efficiency.

Our logistics capabilities are supported by 427 transportation units, allowing for efficient material movement, waste removal, and equipment relocation. This robust fleet ensures minimal downtime during phase transitions and supports just-in-time delivery strategies.

Dump Trucks

- 60T: 20 units
- 45T: 30 units
- 30T: 176 units
- 15T: 117 units
- Articulated 60T: 40 units

Utility Trucks

- Dyna Truck 6T: 8 units
- Dyna Truck 5T: 21 units
- Dyna Truck 4T: 19 units
- Dyna Truck 3T: 22 units
- Buses: 36 units

Specialty Transport

- Low Bed Truck: 19 units
- Hydraulic Low Bed: 8 units
- Trailer w/Low Bed: 15 units
- Trailer w/Flat Bed: 22 units

Transportation resources are allocated through our centralized logistics department, which coordinates movements across all active projects to maximize utilization and minimize empty return trips.

Crane & Lifting Equipment Availability

Bucket Trucks & Specialized Lifts

Our aerial access equipment provides safe working capabilities at various heights:

1

Bucket Truck - 25m

Units available: 10

Primary use: Electrical installations, installations, lighting, and high-level level maintenance

2

Bucket Truck - 24m

Units available: 9

Primary use: Utility work, signage installation, and facade maintenance

3

Bucket Truck - 20m & 14m

20m: 17 units | 14m: 11 units

Primary use: General aerial access, site inspections, and temporary installations

Telescopic Cranes & Boom Trucks

Our lifting capabilities span from light-duty material handling to heavy industrial lifting applications. The fleet includes:

1

Telescopic Mobile Crane 100T
100T

Units available: 2

Primary use: Heavy lifting operations, equipment installation, and structural components placement

2

Telescopic Crane 50T

Units available: 9

Primary use: Medium-duty lifting, mechanical installation, and precast concrete placement

3

Telescopic Boom Trucks

14T: 17 units | 12T: 22 units | 10T: 27 units

Primary use: Material handling, positioning of equipment, and site logistics support

Our specialized lifting equipment includes 37 Pipelayers (Side Booms) for pipeline construction and 11 Piling Rig Drilling Machines for foundation work. All lifting equipment undergoes rigorous monthly undergoes rigorous monthly safety inspections and load testing.

Specialized Construction Equipment

Road Construction & Paving

We maintain a complete suite of road construction equipment, allowing us to handle projects from base preparation through final paving:

Graders

18T: 11 units | 16T: 19 units

Used for precise grade control and road bed preparation

Roller Compactors

Total units: 45

Various types including vibratory, pneumatic, and tandem for different compaction requirements

Asphalt Equipment

Pavers: 6 units | Cutters: 17 units

Complete asphalt laying and maintenance capabilities

Drilling & Foundation Work

Our specialized drilling equipment supports deep foundation work, utilities installation, and geotechnical applications:

- **Piling Rig Drilling Machines:** 11 units capable of various foundation systems
- **Anode Drilling Machines:** 7 units for cathodic protection installations
- **Ground Drilling Machines:** 15 units for soil sampling and small diameter drilling

Our specialized equipment enables us to handle complex construction requirements across diverse project types without extensive subcontractor reliance.

Additional specialized equipment includes 5 Stone Crushers for on-site material processing, 6 Pipe Bending Machines for custom piping fabrication, and 11 Sand Blasting Machines for surface preparation and finishing operations.

Utility & Support Equipment

Water & Fuel Management

Our self-sufficient operations are supported by a comprehensive fleet of tanker trucks that enable remote site operations and maintain continuous work regardless of local infrastructure limitations.

Water Tankers

32,000L: 14 units

18,000L: 21 units

Primary applications: Dust control, compaction moisture, concrete operations

Vacuum Tankers

20,000L: 4 units

12,000L: 7 units

Primary applications: Dewatering, excavation cleanup, utility work

Diesel Tankers

36,000L: 5 units

18,000L: 8 units

Primary applications: Equipment refueling, generator supply, remote operations

Power & Compression Equipment

Our self-contained power generation and air compression capabilities ensure continuous operations in remote locations and during utility outages:

Tower Lights

Total units: 120

- LED systems: 87 units
- Metal halide: 33 units

Applications: Night work, security lighting, emergency operations

Air Compressors

Total units: 35

- High capacity (900+ CFM): 8 units
- Medium (400-900 CFM): 17 units
- Portable (< 400 CFM): 10 units

Applications: Pneumatic tools, sandblasting, painting

Generators

Total units: 62

- Large (250+ kW): 14 units
- Medium (100-250 kW): 23 units
- Small (< 100 kW): 25 units

Applications: Site power, temporary facilities, night work

Additional utility equipment includes 27 Bobcats for confined space material handling, 17 Forklifts for logistics operations, and 22 Backhoes (JCB) for versatile excavation and material handling.

Specialized Testing & Process Equipment

Surface Preparation & Finishing

Our surface preparation and coating equipment ensures high-quality finishes that meet industry specifications: specifications:

Airless Spray Paint Systems

Units available: 14

Capabilities:

- High-volume application rates
- Multi-component coating systems
- Environmental containment options

Coating Machines

Units available: 10

Capabilities:

- Pipeline external coating
- Tank lining application
- Specialized corrosion protection

Additional process equipment includes 73 Welding Machines supporting multiple welding processes (SMAW, GMAW, FCAW, TIG) and 19 Jackhammers for concrete removal and demolition work.

Pressure Testing & Pipeline Equipment

Our specialized equipment enables comprehensive testing and quality assurance for pipeline and pressure vessel installations:

Hydro Testing Pumps

Units available: 10

Capabilities:

- Pressure ranges from 0-10,000 PSI
- Digital recording and certification
- Temperature-compensated testing

Used for pipeline integrity verification, pressure vessel certification, and system commissioning.

Manifold Skids (20,000 PSI)

Units available: 5

Capabilities:

- Multi-point testing configurations
- High-pressure distribution systems
- Remote monitoring and control

Used for complex pressure testing configurations, simultaneous multi-point testing, and high-pressure fluid distribution.

Equipment Utilization & Availability Analysis

Our equipment management system provides real-time visibility into fleet utilization and availability, allowing for data-driven resource allocation decisions.

Current Utilization Rates

Our fleet currently maintains the following utilization rates by category:

- **Earthmoving Equipment:** 72% utilization
- **Transportation Fleet:** 68% utilization
- **Lifting Equipment:** 55% utilization
- **Specialized Equipment:** 48% utilization
- **Support Equipment:** 63% utilization

Industry benchmark average: 60-65%

Equipment Deployment

Current geographic distribution of active equipment:

- **Northern Region Projects:** 38% of fleet
- **Central Region Projects:** 42% of fleet
- **Southern Region Projects:** 15% of fleet
- **Maintenance Facilities:** 5% of fleet

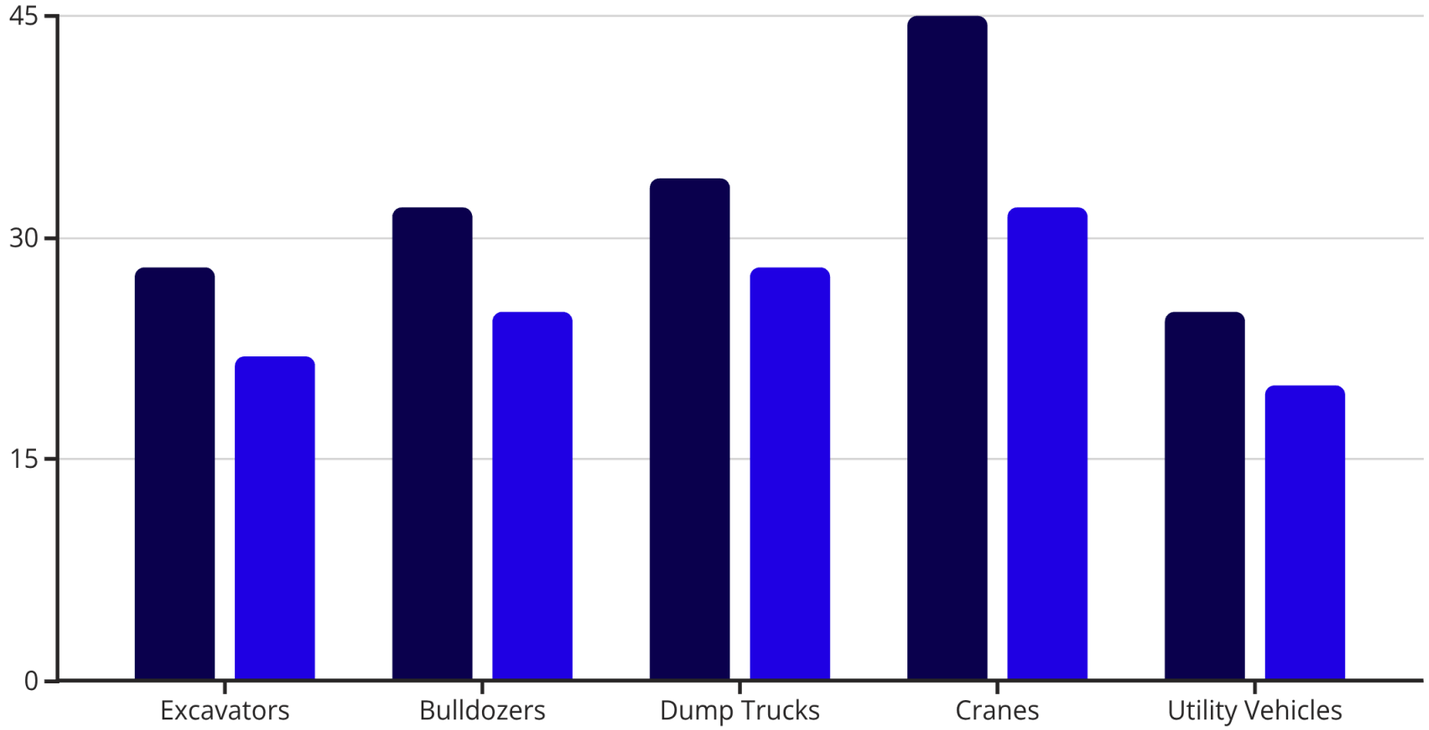
Average mobilization time: 72 hours for standard equipment, 5-7 days for specialized equipment

Availability Forecast (Next Quarter)

The projected decrease in equipment availability reflects:

- Seasonal increase in project activity
- Three major infrastructure projects starting next quarter
- Scheduled preventive maintenance cycles
- Limited equipment rental market in key regions

Critical planning note: Project managers should submit equipment requests for Q2 at least 30 days in advance to ensure resource availability.



Equipment Management Strategy & Recommendations

Based on our comprehensive inventory analysis and projected needs, we recommend the following strategic actions to optimize fleet performance and availability.

01

Implement Advanced Resource Scheduling

Deploy the new equipment management software module to enable predictive scheduling based on project timelines and historical utilization patterns. This will increase overall equipment utilization by an estimated 8-12% through reduction of idle time between deployments.

02

Strategic Fleet Expansion

Address critical capacity constraints by acquiring additional units in high-demand categories:

- 10 additional Excavators (22T) to support pipeline and utility projects
- 15 additional Dump Trucks (30T) for upcoming infrastructure projects
- 5 additional Telescopic Boom Trucks (12T) for increased vertical construction work

03

Optimize Maintenance Scheduling

Transition from calendar-based to usage-based maintenance scheduling to reduce downtime and improve and improve equipment reliability. Implementing IoT-based condition monitoring on critical equipment will equipment will provide early warning of potential failures.

04

Enhance Cross-Region Mobilization

Establish dedicated equipment transport teams to reduce mobilization times between regions from 72 hours to under 48 hours, increasing equipment availability during critical project phases.

Expected Outcomes

Implementation Timeline

- Resource scheduling software: 60 days
- Fleet expansion procurement: 90-120 days
- Maintenance optimization: 45 days
- Transport team establishment: 30 days

Financial Benefits

- $2.4M reduction in equipment rental costs
- $1.8M savings from optimized maintenance
- 18% improvement in equipment ROI
- $3.2M reduction in project delay costs

Operational Improvements

- 8% increase in overall fleet utilization
- 12% reduction in equipment idle time
- 15% decrease in emergency maintenance events
- 33% reduction in project delays due to equipment availability availability

Work Team

25%

Engineers

From various engineering disciplines related to road construction

15%

Skilled Labor

With experience in various road construction works

35%

Technicians

Specialists in operating equipment and various implementation works

25%

Administrators

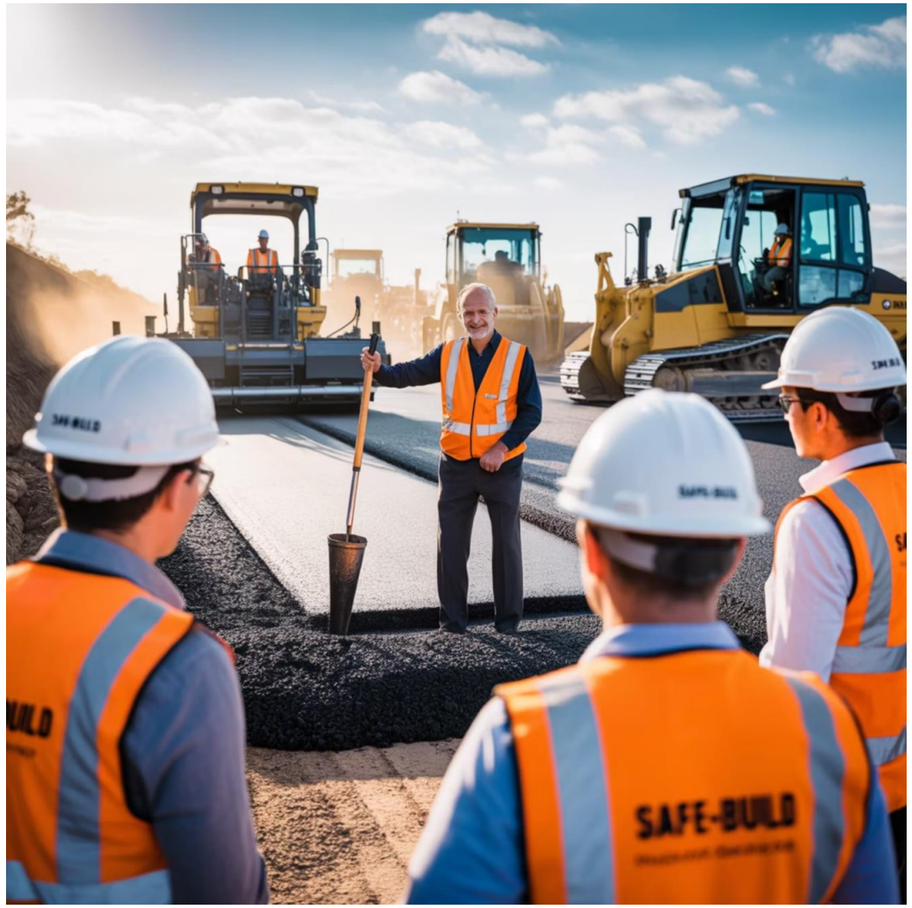
Responsible for administrative, financial, and logistical aspects

Training and Skills Development

Roads Union Company pays great attention to training and developing the skills of its human cadres, believing that the human element is the real wealth of the company and the basis of its and the basis of its success and continuity.

Training Programs:

- Specialized technical training programs in the field of road construction
- Courses in using modern technologies and software
- Training programs in the field of occupational safety and health
- Leadership and administrative skills development programs
- Continuous training programs on new equipment



Localization Strategy and Social Responsibility

Job Localization

Commitment to employing and training national cadres according to the Nitaqat program and exceeding the required percentages in the contracting sector

Supporting Local Community Community

Contributing to supporting local communities in project implementation areas by providing job opportunities and training for youth

Volunteer Initiatives

Organizing volunteer initiatives in the field of road maintenance and improving infrastructure in remote and less fortunate areas

Supporting Saudi Vision 2030

01

Infrastructure Development

Contributing to the development of an integrated road network connecting various regions of the Kingdom and Kingdom and supporting economic and tourism development

02

Supporting Local Content

Increasing the percentage of local content in projects by relying on national products and services

03

Technology Localization

Transferring and localizing modern technologies in the field of road construction and training national cadres on national cadres on them

04

Environmental Sustainability

Adopting environmentally friendly practices in project implementation in line with the Kingdom's goals in the goals in the field of environmental sustainability

Project Management System

01

Planning

Preparing a detailed plan for the project including the schedule, required resources, and estimated budget

02

Implementation

Executing project works according to the plan while considering quality and safety standards

03

Monitoring

Following up on work progress and comparing it with the plan and early intervention to address any deviations

04

Delivery

Delivering the project to the owning entity after ensuring its compliance with all specifications and requirements

Quality Assurance in Road Projects

Integrated Quality Assurance System System

Roads Union Company applies an integrated quality assurance system in all phases all phases of project implementation, starting from the design phase until final until final delivery.

Elements of the Quality Assurance System:

- Testing materials before use to ensure their compliance with specifications specifications
- Monitoring execution quality during all phases of work
- Periodic tests to verify the quality of executed work
- Documenting all quality control procedures and test results
- Continuous internal auditing to ensure adherence to quality standards standards

Road Industry Challenges and Innovative Solutions

Environmental Sustainability

- Using recycled materials in asphalt mixes
- Cold paving techniques to reduce energy consumption
- Applying green road technologies that reduce carbon footprint

Harsh Climatic Conditions

- Using heat-resistant materials
- Special techniques to prevent asphalt cracking due to temperature fluctuations
- Advanced systems for rainwater drainage in areas experiencing seasonal precipitation

Technological Integration

Our engineers are developing smart road solutions that integrate with the Kingdom's digital infrastructure plans, including sensors for traffic monitoring, weather conditions, and road status. These systems will provide real-time data to traffic management centers and future autonomous vehicles, making Saudi roads among the most technologically advanced in the world.

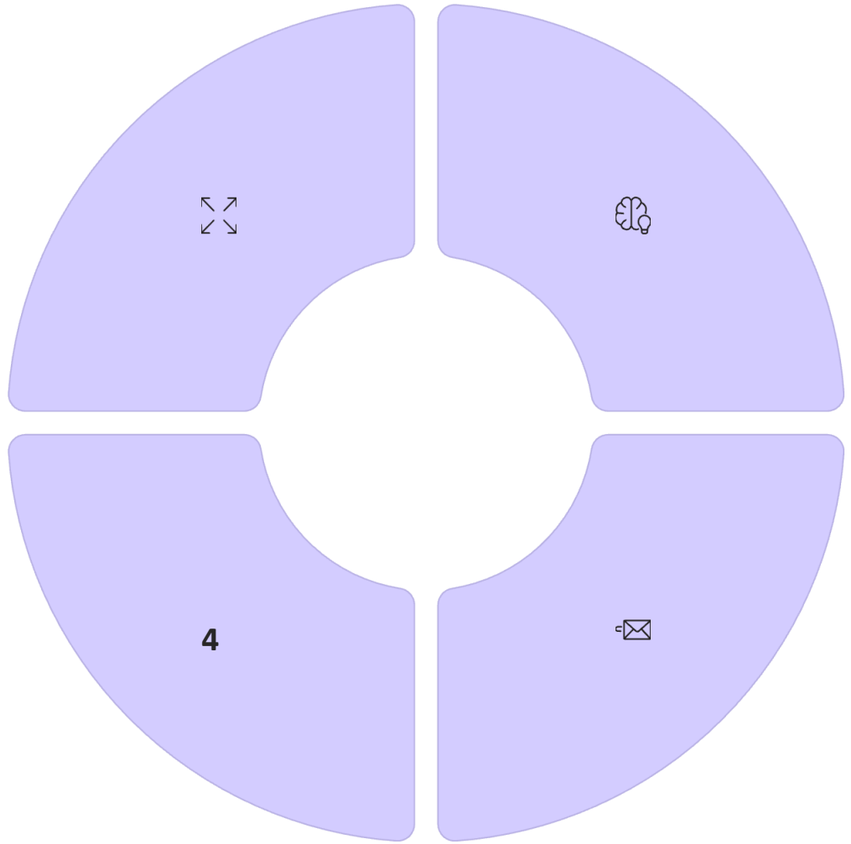
Future Directions

Geographic Expansion

Expanding the scope of work to include projects in GCC countries and the Middle East

Technical Innovation

Adopting the latest technologies in road construction and investing in research and development



Strategic Partnerships

Building strategic partnerships with global companies to transfer expertise and expertise and advanced technologies

Service Diversification

Providing integrated services in the field of infrastructure beyond road construction

Our Commitment to Our Clients

Commitment to Deadlines

Executing projects according to agreed agreed timeframes without delay

High Quality

Commitment to delivering the highest highest levels of quality in all our projects, exceeding our clients' expectations

Absolute Transparency

Dealing with complete transparency with clients and providing periodic reports on work reports on work progress

At Roads Union Company, we believe that our success depends on our clients' success and their satisfaction with the services we provide. Therefore, we always seek to build long-term relationships with our clients based on mutual trust and commitment to achieving their goals.

Contact Us

Welcome to Roads Union. We're eager to assist you with all your needs across Saudi Arabia.

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