

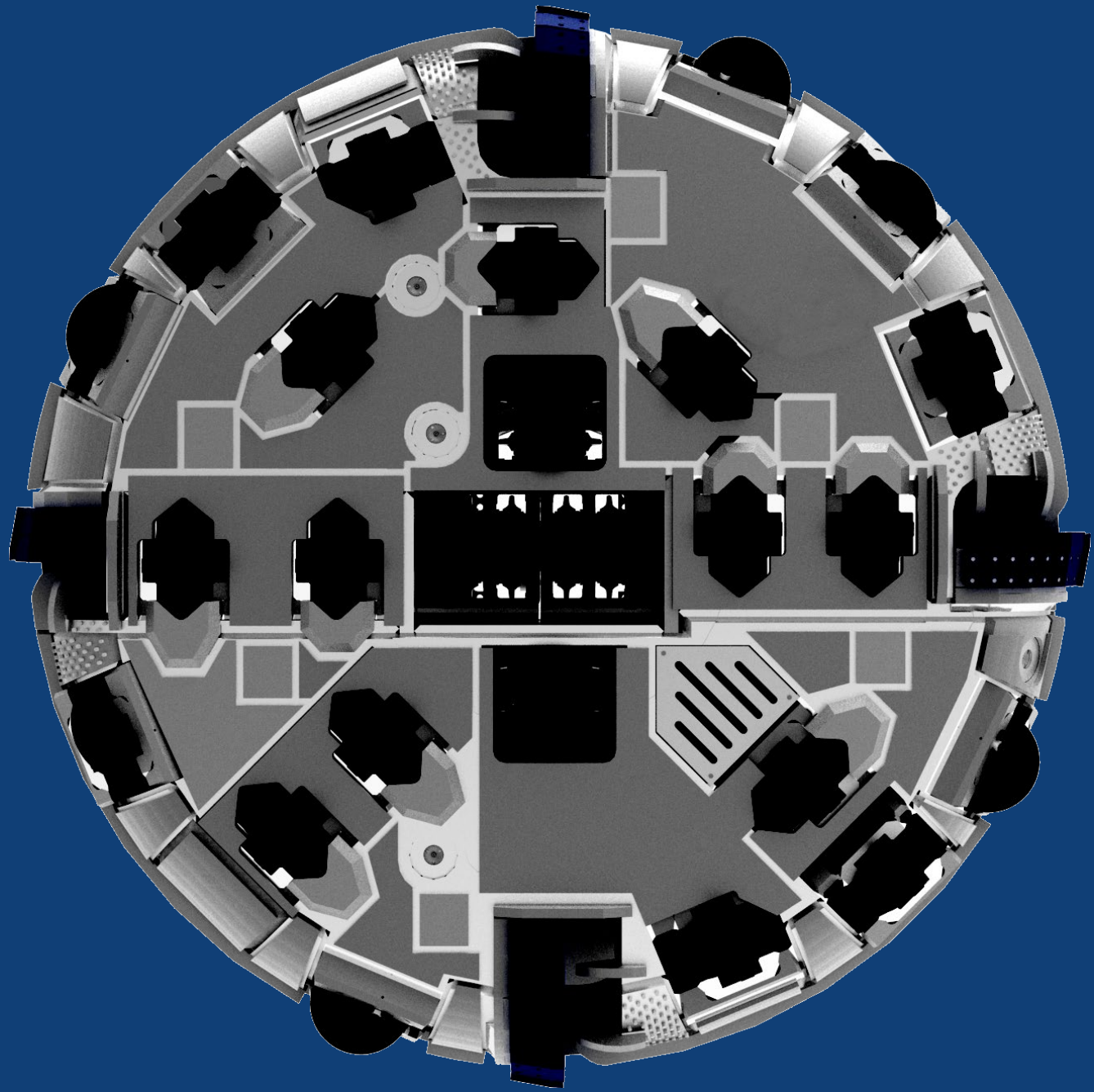


شركة الراشد هاك السعودية المحدودة
Al-Rashid A.Hak Saudi Co. Ltd.



Al Rashid A.Hak Saudi Co. Ltd





Established in 2012, AlRashid A.Hak Saudi LLC (RHSC) is a Saudi national company that has grown to be a market pioneer and leader in its respective services. In the short time since the company's establishment, RHSC has succeeded in gaining its clients' trust by providing a quality of service that both meets and surpasses expectations. This allowed our company to become the go-to special services contractor to our extensive list of clientele. As part of the company's mandate, and given RHSC's structure as a joint venture with local and international partners, RHSC has the unique ability to develop its Saudi personnel into leaders in technical, financial, and administrative fields while still providing quality services and meeting deadlines. On behalf of the Board of Directors, I am pleased to introduce our company as a positive and constructive addition to the Saudi and GCC markets, and look forward to our growth and success in the region.

Sincerely,

Abdullah S. AlRashid

Chairmen of the Board of Directors



OUR TEAM

At AlRashid A. Hak Saudi LLC, Our team is our most valued asset. We are committed to providing a positive work environment that ensures sustained personal growth, professional and technical development, and career advancement.

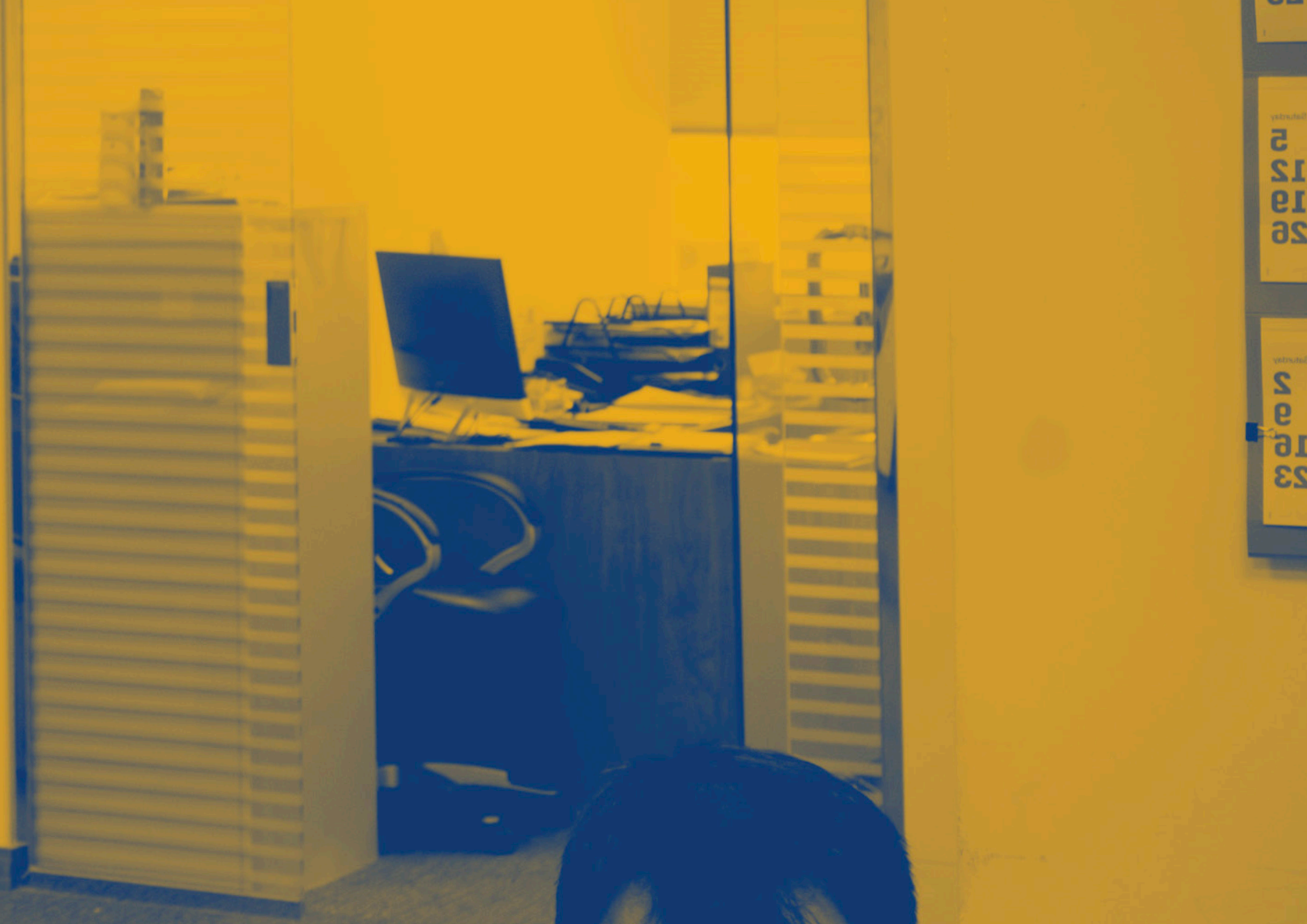


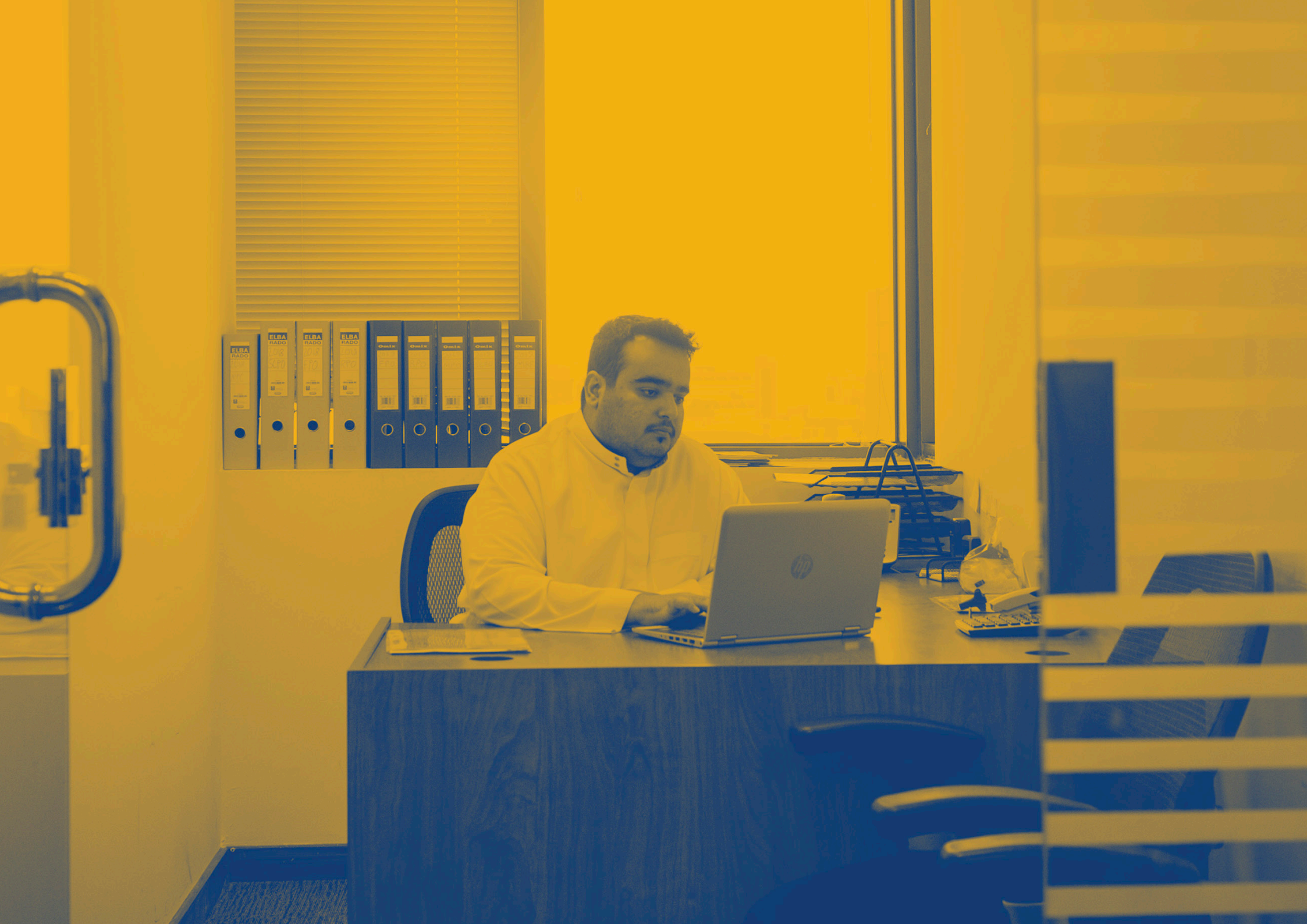
A man wearing a traditional Middle Eastern thobe and ghutra is shown in profile, smiling and writing on a whiteboard. The scene is set in a modern office or meeting room with large windows in the background. The entire image has a warm, golden-yellow color cast. The text "WE SET GOALS" is overlaid in the center in a bold, white, sans-serif font.

WE SET GOALS



WE COOPERATE







WE EXECUTE



Al Rashid A.Hak Saudi Company Ltd.

Is a Specialized Tunneling and Industrial Services contractor

The company's services include the following:

- Microtunneling
- Thrust Boring
- Horizontal Drilling (HDD) to support the infrastructure of buildings
- Mechanical work of installation and maintenance of Pipelines, Oil & Gas Plants

We at Al Rashid A.Hak offer a group of integrated services for the Tunneling Sector by providing specialized tunneling services for various pipeline sizes and lengths. Our tunneling services offer a wide range of drilling diameters in all soil conditions to accomodate infrastructure expansion in the entire Kingdom of Saudi Arabia and the GCC.



OUR MISSION

We aim to continue our growth and expansion supported by the confidence of our customers to become a reliable, quality-based market leader that offers solutions supporting infrastructure expansion and industrial facilities' operations & maintenance.



OUR VISION

OUR PRINCIPLES



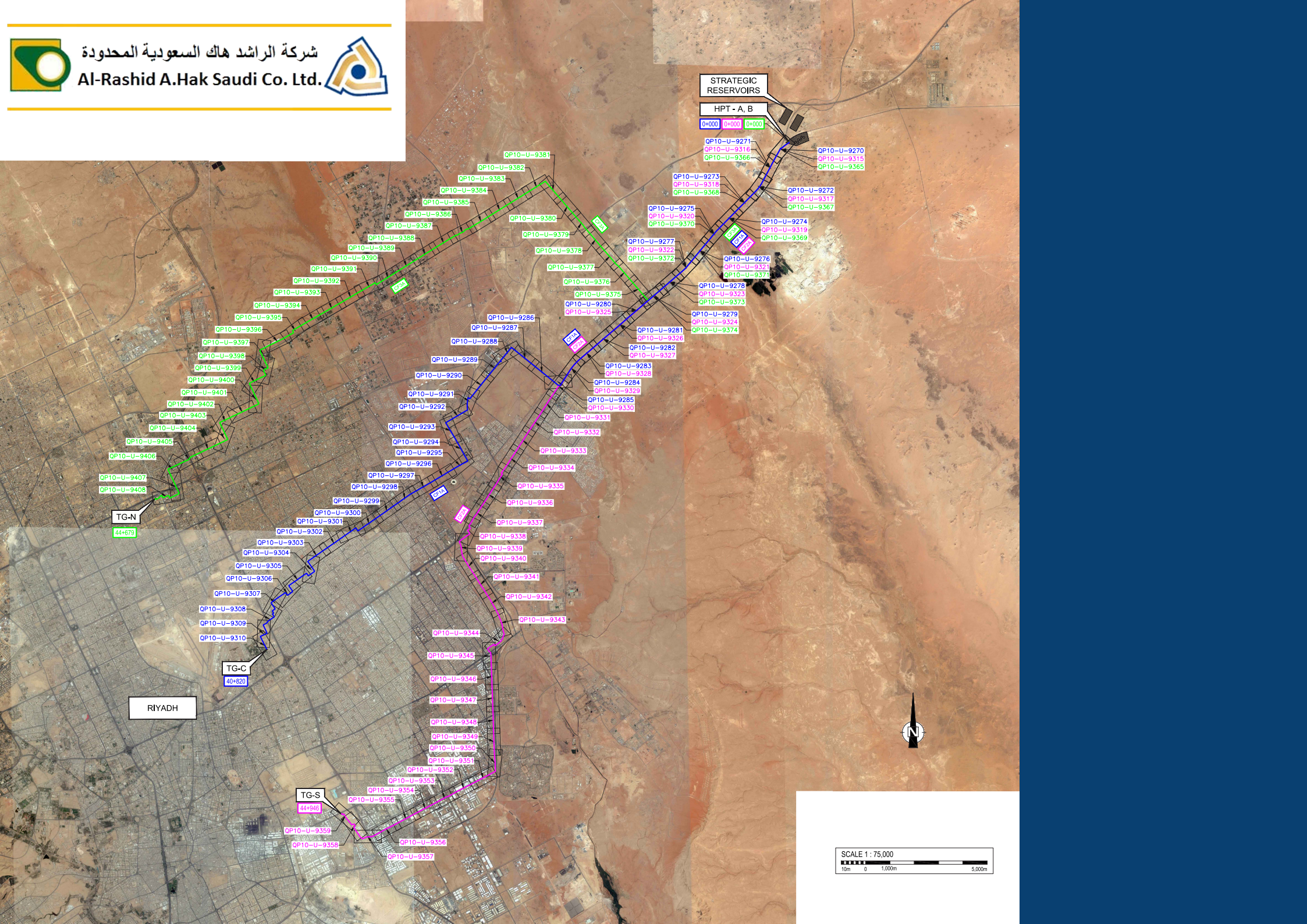


**ALL WE
EVER DO, IS
WHATEVER
IT TAKES**





شركة الراشد هاك السعودية المحدودة
Al-Rashid A.Hak Saudi Co. Ltd.



STRATEGIC
RESERVOIRS

HPT - A, B

0+000 0+000 0+000

QP10-U-9271
QP10-U-9316
QP10-U-9366

QP10-U-9270
QP10-U-9315
QP10-U-9365

QP10-U-9273
QP10-U-9318
QP10-U-9368

QP10-U-9272
QP10-U-9317
QP10-U-9367

QP10-U-9275
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QP10-U-9319
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QP10-U-9372

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QP10-U-9371

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QP10-U-9400

QP10-U-9401
QP10-U-9402

QP10-U-9403
QP10-U-9404

QP10-U-9405
QP10-U-9406

QP10-U-9407
QP10-U-9408

TG-N
44+679

TG-C
40+820

RIYADH

TG-S
44+946

QP10-U-9359
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QP10-U-9330

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QP10-U-9298
QP10-U-9337

QP10-U-9300
QP10-U-9338

QP10-U-9302
QP10-U-9339

QP10-U-9304
QP10-U-9340

QP10-U-9306
QP10-U-9341

QP10-U-9308
QP10-U-9342

QP10-U-9310
QP10-U-9343

SCALE 1 : 75,000
10m 0 1,000m 5,000m

Some of Our Tunnelling Accomplishments

- **Water Transmission Networks**
- **Sewage Networks**
- **Storm Water Drainage Networks**
- **Irrigation Systems Networks**

Projects



Project Name: **Riyadh Storm Water Project and Refinement of the Sulay Valley Drainage Stream**

Client: **Riyadh Municipality**

Location: **Sulay Valley, Underneath the Railroad Track, South Riyadh**

Scope of Works: **Full Thrust Boring Solution**

Machine: **AVN3000**

Casing Pipe OD: **N/A**

Carrier Pipe OD: **3600 mm**

No of Lines: **7 Lines**

Actual Length: **627 meters**

Riyadh Storm Water Project and Refinement of the Sulay Valley Drainage Stream



Project Name: **Riyadh New City Feeder Lines Project**

Client: **Saline Water Conversion Corporation (SWCC)**

Location: **Riyadh**

Scope of Works: **Full Thrust Boring Solution**

Machine: **M1435M / M1434M (XE2000) / AVN2600**

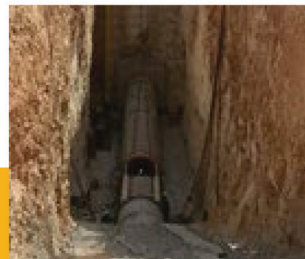
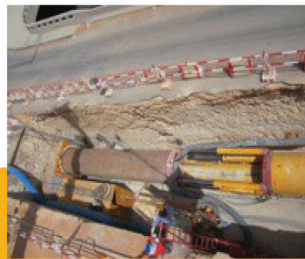
Casing Pipe OD: **2439mm / 3099mm**

Carrier Pipe OD: **2032mm / 2540mm**

No of Lines: **21 Lines**

Actual Length: **2700 meters**

Riyadh New City Feeder Lines Project



Jeddah Storm Water Drainage Project – Airport Outfall – Package 8

Project Name:	Jeddah Storm Water Drainage Project – Airport Outfall – Package 8
Client:	Jeddah Municipality
Location:	Under the Royal Terminal Entrance at King Abdulaziz Airport, Jeddah
Scope of Works:	Full Thrust Boring Solution
Machine:	M1435
Casing Pipe OD:	3000 mm
Carrier Pipe OD:	2900 mm
No of Lines:	3 Lines
Actual Length:	273.3 meters



Riyadh – Ras Al-Khair Water Transmission System Project

Project Name: **Riyadh – Ras Al-Khair Water Transmission System Project**

Client: **Saline Water Conversion Corporation (SWCC)**

Location: **Riyadh**

Scope of Works: **Full Thrust Boring Solution**

Machine: **M1435M / M1434M**

Casing Pipe OD: **2134mm**

Carrier Pipe OD: **1800mm**

No of Lines: **54 Lines**

Actual Length: **4348 meters**



Project Name: **Yanbu Medina - WTS Project - Phase 3 (YCFL)**

Client: **Saline Water Conversion Corporation (SWCC)**

Location: **Yanbu Industrial City**

Scope of Works: **Full Thrust Boring Solution**

Machine: **EX1200**

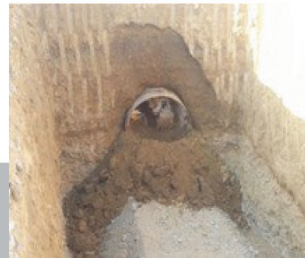
Casing Pipe OD: **1490mm**

Carrier Pipe OD: **914mm**

No of Lines: **7 Lines**

Actual Length: **403 meters**

Yanbu Medina WTS Project - Phase 3 (YCFL)



Yanbu - Medina WTS Project - Phase 3 (YMML)

Project Name: **Yanbu - Medina - WTS Project - Phase 3 (YMML)**

Client: **Saline Water Conversion Corporation (SWCC)**

Location: **Yanbu Industrial City**

Scope of Works: **Full Thrust Boring Solution**

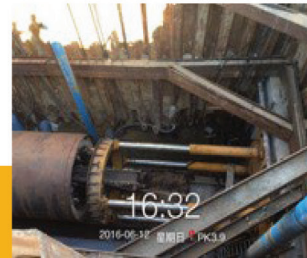
Machine: **M1435M / M1434M**

Casing Pipe OD: **2438mm**

Carrier Pipe OD: **1930mm**

No of Lines: **8 Lines**

Actual Length: **456.47 meters**



Project Name: **Yanbu - Medina - WTS Project - Phase 3 (MHFL)**

Client: **Saline Water Conversion Corporation (SWCC)**

Location: **Al-Madinah AlMunawwarah – Yanbu Industrial Zone**

Scope of Works: **Full Thrust Boring Solution**

Machine: **AVN1200**

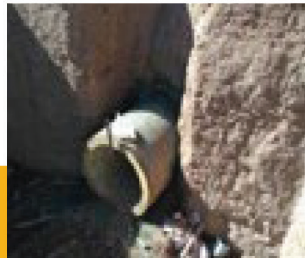
Casing Pipe OD: **1490mm**

Carrier Pipe OD: **914mm**

No of Lines: **6 Lines**

Actual Length: **244.31 meters**

Yanbu - Medina WTS Project - Phase 3 (MHFL)



Yanbu - Medina WTS Project - Phase 3 (MHFL)

Project Name: **Yanbu - Medina - WTS Project - Phase 3 (MHFL)**

Client: **Saline Water Conversion Corporation (SWCC)**

Location: **AlMadinah AlMunawwarah – Yanbu Industrial Zone**

Scope of Works: **Full Thrust Boring Solution**

Machine: **AVN1200**

Casing Pipe OD: **1524mm**

Carrier Pipe OD: **1219mm**

No of Lines: **2 Lines**

Actual Length: **105.11 meters**



Yanbu - Medina - WTS Project - Phase 3 (MMFL)

Project Name: **Yanbu - Medina - WTS Project - Phase 3 (MMFL)**

Client: **Saline Water Conversion Corporation (SWCC)**

Location: **Al-Madinah AlMunawwarah – Musaijid**

Scope of Works: **Full Thrust Boring Solution**

Machine: **AVN1200**

Casing Pipe OD: **1200mm**

Carrier Pipe OD: **863mm**

No of Lines: **10 Lines**

Actual Length: **On Going**



Riyadh Strategic Water Transmission Project - Phase 1

Project Name: **Riyadh Strategic Water Transmission Project - Phase 1**

Client: **National Water Company (NWC)**

Location: **Riyadh**

Scope of Works: **Full Thrust Boring Solution**

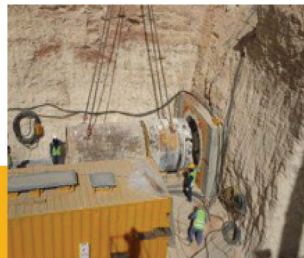
Machine: **M1434**

Casing Pipe OD: **2134mm**

Carrier Pipe OD: **1800mm**

No of Lines: **4 Lines**

Actual Length: **442.56 meters**



Project Name: **Se'ed Strategic Project - Lot 5**

Client: **National Water Company (NWC)**

Location: **Se'ed – East of Riyadh**

Scope of Works: **Full Thrust Boring Solution**

Machine: **M1434 /M1435**

Casing Pipe OD: **2134mm**

Carrier Pipe OD: **1400mm**

No of Lines: **5 Lines**

Actual Length: **446.88 meters**

Se'ed Strategic Project - Lot 5



Storm Water Network Project at East Nasim and West Muaziliyyah District, Riyadh

Project Name: **Storm Water Network Project at East Nasim and West Muaziliyyah Districts, Riyadh**

Client: **Riyadh Municipality**

Location: **East Nassim and West Muaziliyyah Districts, Riyadh**

Scope of Works: **Full Thrust Boring Solution**

Machine: **M1435**

Casing Pipe OD: **3030 mm**

Carrier Pipe OD: **2500 mm**

No of Lines: **12 Lines**

Actual Length: **1375 meters**



Project Name: **Storm Water Network Project at East Nasim and West Muaziliyyah Districts, Riyadh**

Client: **Riyadh Municipality**

Location: **East Nassim and West Muaziliyyah Districts, Riyadh**

Scope of Works: **Full Thrust Boring Solution**

Machine: **AVN1400**

Casing Pipe OD: **1720 mm**

Carrier Pipe OD: **1400 mm**

No of Lines: **9 Lines**

Actual Length: **907 meters**

Storm Water Network Project at East Nasim and West Muaziliyyah Districts, Riyadh



Storm Water Network Project at East Nasim and West Muaziliyyah Districts, Riyadh

Project Name: **Storm Water Network Project at East Nasim and West Muaziliyyah Districts, Riyadh**

Client: **Riyadh Municipality**

Location: **East Nasim and West Muaziliyyah Districts, Riyadh**

Scope of Works: **Full Thrust Boring Solution**

Machine: **M1435**

Casing Pipe OD: **2200 mm**

Carrier Pipe OD: **1800 mm**

No of Lines: **2 Lines**

Actual Length: **217 meters**



Project Name: **Storm Network Project at Mansourah & Faisaliyyah
Districts in Riyadh**

Client: **Riyadh Municipality**

Location: **South Riyadh**

Scope of Works: **Full Thrust Boring Solution**

Machine: **M1434 / M1435**

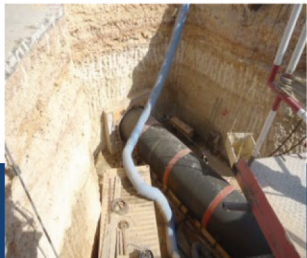
Casing Pipe OD: **2422 mm**

Carrier Pipe OD: **2000 mm**

No of Lines: **11 Lines**

Actual Length: **1659 meters**

Storm Network Project at Mansourah & Faisaliyyah Districts in Riyadh



Al-Kharj Water Transmission System Project

Project Name: **Al-Kharj Water Transmission System Project**

Client: **Ministry of Water & Electricity – Water Directorate in AlKharj**

Location: **Al Kharj**

Scope of Works: **Full Thrust Boring Solution**

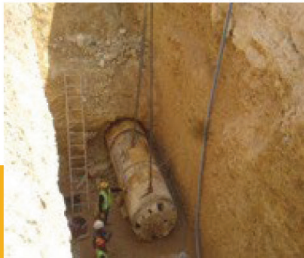
Machine: **AVN1200**

Casing Pipe OD: **1500mm**

Carrier Pipe OD: **1200mm**

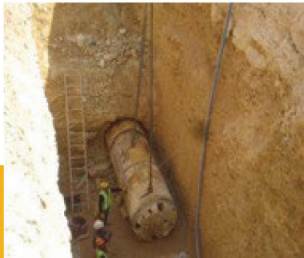
No of Lines: **4 Lines**

Actual Length: **552.938 meters**



Construction of the Sewage Network in Parts of Yasmin Dist., Riyadh

Project Name:	Construction of the Sewage Network in Parts of Yasmin Dist., Riyadh
Client:	The National Water Company (NWC)
Location:	Yasmin Disct., North Riyadh
Scope of Works:	Full Thrust Boring Solution
Machine:	AVN1200
Casing Pipe OD:	N/A
Carrier Pipe OD:	1490mm
No of Lines:	3 Lines
Actual Length:	693.855 meters



Project Name: **Jeddah Water Network Extension Project**

Client: **Saline Water Conversion Corporation (SWCC)**

Location: **Jeddah**

Scope of Works: **Full Thrust Boring Solution**

Machine: **M1434**

Casing Pipe OD: **2134mm**

Carrier Pipe OD: **1500mm**

No of Lines: **4 Lines**

Actual Length: **226.2 meters**

Jeddah Water Network Extension Project



Strategic Water Transmission Project - Phase 1

Project Name: **Strategic Water Transmission Project - Phase 1**

Client: **National Water Company (NWC)**

Location: **Dirab Road - Riyadh**

Scope of Works: **Full Thrust Boring Solution**

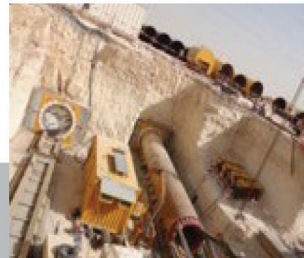
Machine: **M1434**

Casing Pipe OD: **2134mm**

Carrier Pipe OD: **1800mm**

No of Lines: **2 Lines**

Actual Length: **200 meters**



Project Name: **Strategic Water Transmission Project - Phase 1**

Client: **National Water Company (NWC)**

Location: **Hanifah Valley - Riyadh**

Scope of Works: **Full Thrust Boring Solution**

Machine: **AVN1400**

Casing Pipe OD: **1727mm**

Carrier Pipe OD: **1400mm**

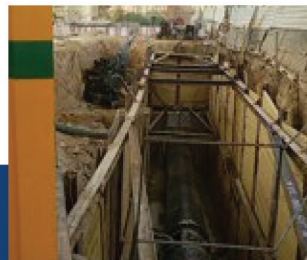
No of Lines: **9 Lines**

Actual Length: **1728 Meters**

Start date: **July 01, 2017**

Finish date: **February 02, 2018**

Strategic Water Transmission Project - Phase 1



Tunnel Boring Machines

Tunnel Boring Machines are an economic and reliable solution for building underground infrastructure networks by applying a trenchless installation method.

Its optimized size allows it to be used in cities and narrow places.

Tunnel Boring Machines are used to install:

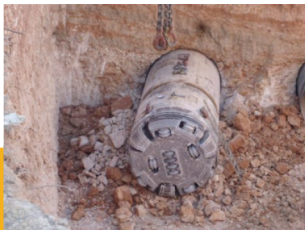
- **Drinking / Potable Water Networks**
- **Storm Water Drainage Networks**
- **Waste Water Networks**
- **Oil & Gas Networks**
- **Telecommunication / Fiber Networks**



Tunnel Boring Machines

M1434 – XE1800/2000

Type:	Closed Frontal – Full Faced TBM for rock strength up to 240 MPa
Outer Diameter:	2160mm – 2438.4mm
Length:	6000mm
Cutting Diameter:	2200mm – 2497mm
Head:	2180mm – 2480mm
Cutting Disc:	305mm



AVN 2400 / 2600 / 3000

Type:	Closed Face / Slurry Machine with Separation Plant
Outer Diameter:	2880 mm / 3110 mm / 3600 mm
Length:	4800 mm
Cutting Diameter:	2905 mm / 3170 mm / 3680 mm
Head:	2895 mm / 3155 mm / 3610 mm
Cutting Disc:	300 mm



AVN1200 – AVN1400

Type:	Closed Face / Slurry Machine with Separation Plant
Outer Diameter:	1505 mm / 1720 mm
Length:	3000 mm (approx.)
Weight:	10,000 kg (approx.)
Cutting Diameter:	1541 mm / 1756 mm
Cutting Disc:	7 No.
Operator control	Control Container C30



M1435 - Road Header TBM

Type:	Open Faced TBM with Armored Screw Spiral for rock strength up to 60 MPa
Outer Diameter:	2133mm –3500mm
Length:	6000mm
Cutting Diameter:	2133mm – 3500mm
Head:	Armored Screw Spiral
Drill Pic Size:	144mm



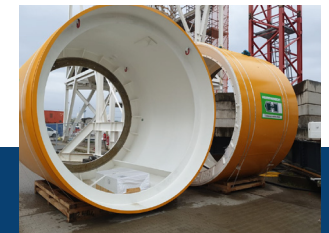
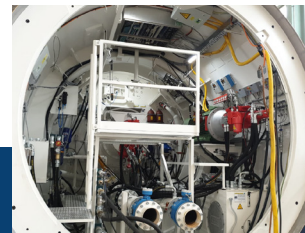
EX1200

Type: **Open Face Excavator**
Outer Diameter: **1505 mm / 1720 mm**
Length: **3000 mm (approx.)**
Weight: **10,000 kg (approx.)**
Cutting Diameter: **1541 mm / 1750 mm**
Cutting Disc: **N/A**
Steering Cylinder: **2 nos.**
Operator control: **Inside the TBM**



AVN3000 – AVN3500

Type:	Closed Frontal – Full Faced Slurry TBM with Separation Plant
Outer Diameter:	3600mm – 4200mm
Length:	7000mm
Cutting Diameter:	3680mm – 4255mm
Head:	3660mm – 4240mm
Cutting Disc:	355.6mm





List of Equipment

Jacking Equipment
Power Packs / Transformers
Laser Guidance Systems
Slurry & Processing Muck Removal Systems
Power Supplies
Ventilation Systems
Lubrication Systems
Shaft Seals
Hydraulic Power Packs
Cutter Disc Tools
VMT Long Range Guidance System

Frequency Stand Alone Converters
Bentonite Pumps
Cooling Systems
Welding Machines
Compressors
Generators
Mechanical / Electrical Containers
Trailer Trucks / Boom Trucks
Cranes
Service Vehicles
Separation Plants

Our Clients

The Ministry of Environment, Water, & Agriculture

The Saline Water Conversion Corporation (SWCC)

The National Water Company (NWC)

The Riyadh Municipality

The Jeddah Municipality

AlHassa Irrigation & Drainage Authority (HIDA)

المؤسسة العامة لتحلية المياه المالحة
Saline Water Conversion Corporation



وزارة البيئة والمياه والزراعة
Ministry of Environment, Water & Agriculture
المملكة العربية السعودية



نwc
المياه الوطنية



أمانة
جدة
جدة

هيئة الري و الصرف بالأحساء
AL HASSA IRRIGATION & DRAINAGE AUTHORITY



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P.O.Box 307, Riyadh 11411
Kingdom of Saudi Arabia

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