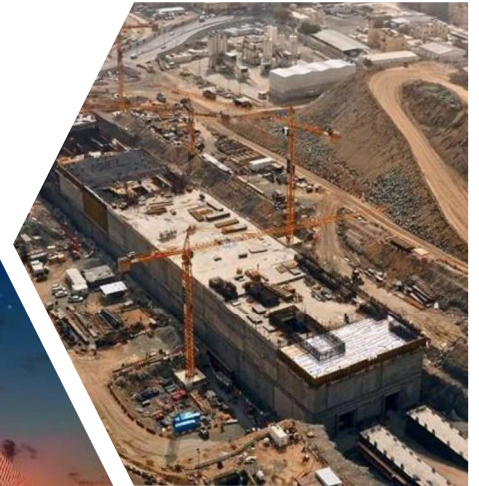


**Together,  
We Build Excellence**

**Nesma & Partners**  
*IPLOCA Submission*



# Nesma & Partners Today

## Energy



Industrial



Oil & Gas



Power &  
Renewables



Nuclear

## A Leading Saudi EPC Contractor

Track record of **200+** projects

Over **30** ongoing projects across KSA

**40,000+** employees, including **6,000+** Saudis

## Over 40 years of experience

Building **long term relationships** with clients, partners and vendors.

Executing projects with varying project delivery methods  
Proud of our **strong performance, sector diversification, strong financial structure and heritage.**

## Building



Real Estate



Hospitality &  
Leisure



Healthcare

## Infrastructure



Urban Development  
& Infrastructure

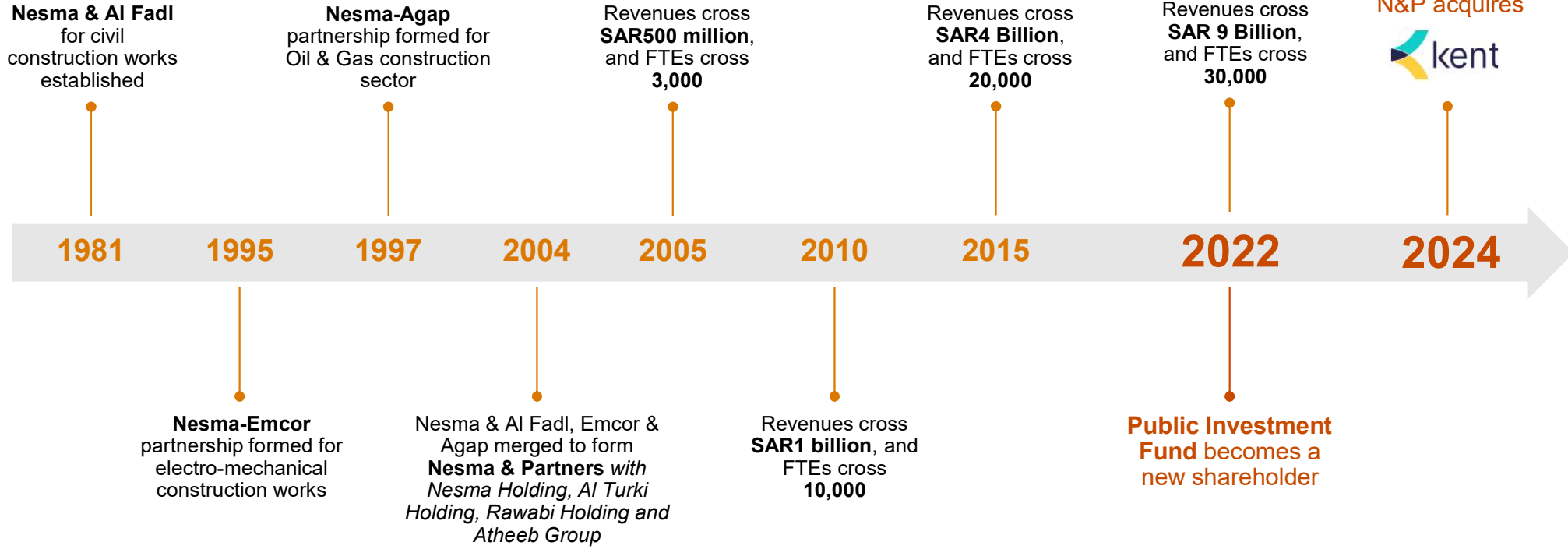


Aviation






Water

# Our Story



### Our Shareholders



## ► Key Numbers

	3	Offices across KSA
	2	Offshore offices
	10	Worker camps
	2	Training institutes
	40k+	Employees
	12.5k+	Equipment and vehicles
	85bn+	Revenues since 2010 (SAR)

## ► Vision, Mission & Values

### Vision

To be the most trusted general contractor in KSA

### Mission

To deliver projects in partnership with our clients:

- Safer with zero loss time injuries.
- Better with zero quality rejections.
- And faster, by always meeting deadlines.

### Values

- Excellence
- Respect
- Innovation
- Impact
- Diversity

# Our Shareholders' Ecosystem



Company	Sector
<b>Nesma Company</b>	
Nesma Company Ltd.	General Concessions
Nesma United Industries	FM/Landscaping/Catering/Technical Systems
Nesma Infrastructure Technologies	ICT & Electrical Transmission
Nesma Water & Energy	Water & Energy
Nesma Renewable Energy	Renewable Energy
Nesma Concrete	Concrete Block Solutions
Nesma Orbit	Building Materials
National Airports Development (NAD)	Airports Concessions
Nesma Security	Security Services
Namma Cargo	Logistics
Defaf	Logistics/transportation/trucking
Spacemaker KSA	Knock Down Structures
<b>AlTurki Holding</b>	
Saudi Readymix	Readymix Concrete
Masheed	Building Material
Inma Steel	Industrial Materials & Services
Tahreez	Security Solutions
Arkaz	Construction Chemicals
Musanadah	Facility Management
Element	Laboratories & material testing during construction
Applus+	Testing, inspection and certification services
<b>Rawabi Holding</b>	
Rawabi Oil & Gas	Oil & Gas Services
Rawabi Electric	Electrical Contracting
Rawabi BUTEC	General Contracting
Rawabi Specialized Contracting	Specialized Contracting
Rawabi Vallianz Offshore Services	Offshore Services

# MIP Onshore Water Injection Package 07



**Oil & Gas**

Client	<b>Saudi Aramco</b>
Project Status	<b>Under Construction</b>
Project Scope	<b>EPC</b>
Contract Value	<b>&gt;1 Billion SAR</b>
Province	<b>Eastern Province</b>
Completion year	<b>2024</b>
Contract type	<b>LSTK</b>

## Scope of Work

Detailed design, procurement, and construction of the Onshore Water Supply Facilities (OWSF) Project, which involves the development of Jaladi Field water extraction facilities from the Wassia aquifer, HV and MV Substations to feed the Jaladi Field and the Zuluf Field, and 36" 72.3 km water injection transportation pipeline to Tanajib Oil Plant (TOP). The purpose of this project is to supply the required water injection flow rate for reservoir pressure maintenance.



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& Partners  **وشركاهم**

# MIP Onshore Water Injection Package 07



Oil & Gas

Client Name: SAUDI ARAMCO

Contract Type: LSTK

Duration: 60 Months

Contract Value: 26 Billion SAR

Procurement Type: Mix

Procured Value: 510,730,051 SAR

Project Status: Mechanically Completed

Project Completion Progress: 99.99%

Average  
Manpower

650

Peak  
Manpower

993

Total  
Manhours

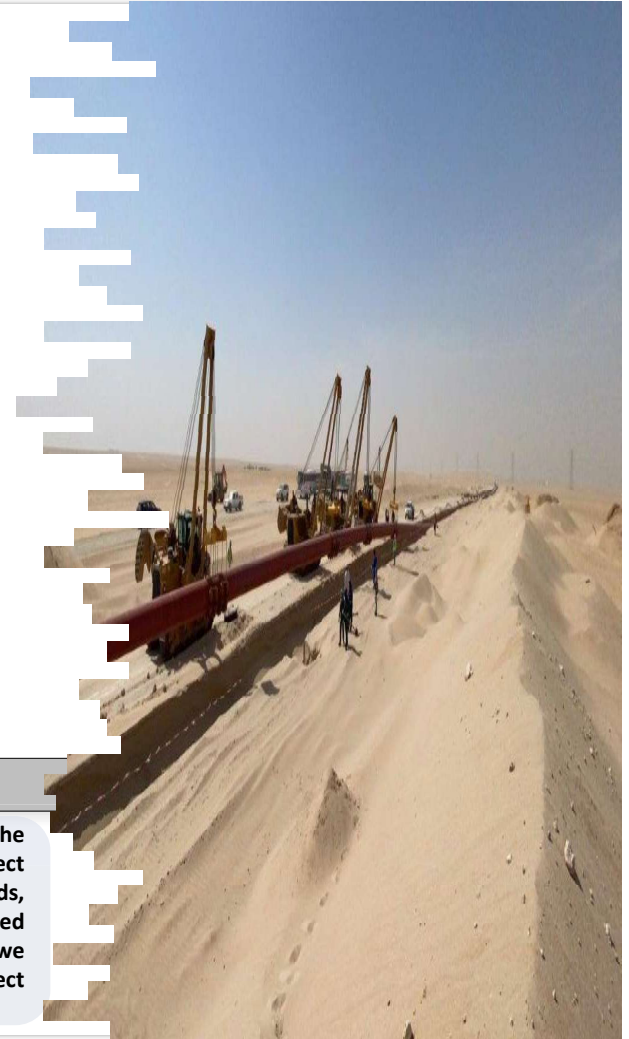
8.5  
M

Powerhouse & Expertise

Subcon  
16%

Nesma  
84%

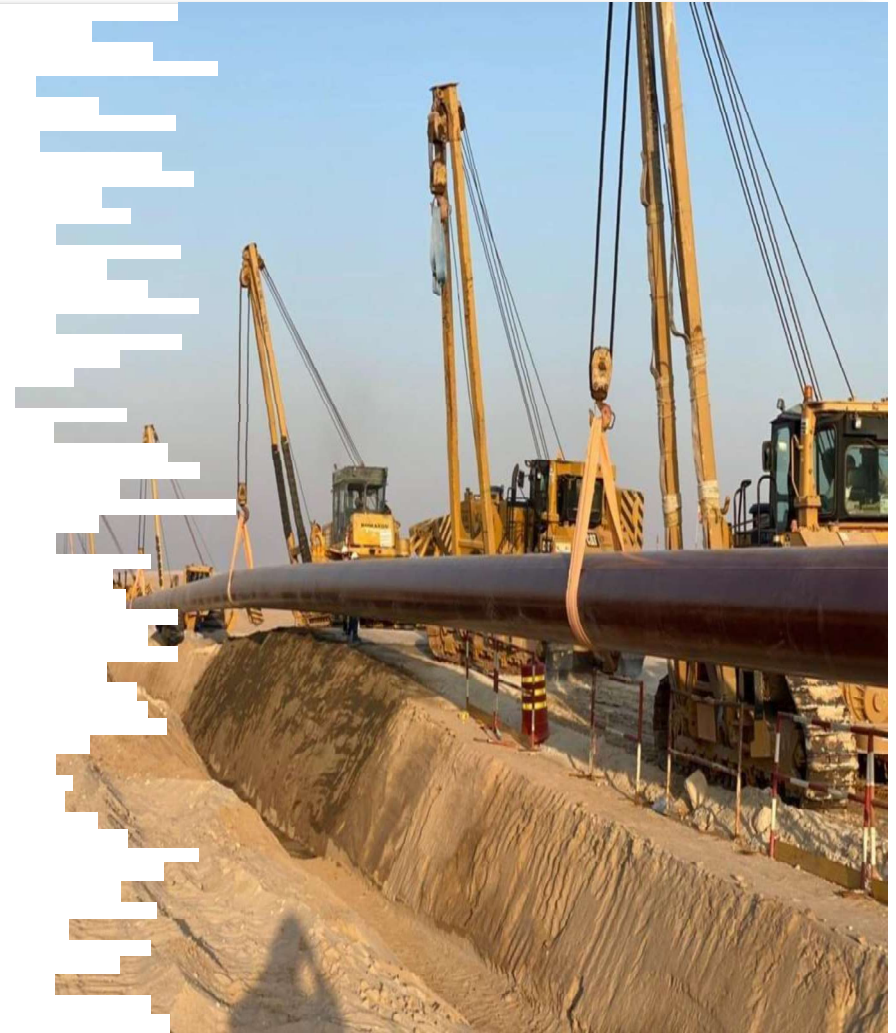
Our team brings a strong skillset to the table, allowing us to handle most project tasks. However, for specialized needs, we collaborate seamlessly with a trusted network of subcontractors, ensuring we have the right expertise for every aspect of the project



# Project Specific Quantities



Major Activity Quantities	Unit	Quantity
Civil Works	m <sup>2</sup>	754,951
Concrete	m <sup>3</sup>	11,844
Underground Utilities	LM	6090
Steel Structure	Tons	291
Process Piping Fabrication and Erection	Dia''	32,626
Static/ Skids Equipment Erection and Alignment	Pcs	94
Rotating Equipment Erection and Alignment	Pcs	80
Painting / Fireproofing	m <sup>2</sup>	16,916
Insulation	m <sup>2</sup>	77,030
Electrical Power (LC-LV-MV-HV)	LM	236,268
Substations, PIBs, and Buildings	Pcs	5
Instrument / Control Cables (Primary & Secondary)	LM	71,600
Plant Control System (DCS, ESD, VMS)	Pcs	5
Telecom Works	LM	182,000
Pipeline Length	Km	75.5
Major Crossing in Pipeline Projects	Pcs	16
Precom (Hydrotest Packages and Loop Checks)	Pcs	692





# Business Line Sector Quantities



## MAJOR LIFTS:

- CHEMICAL EQUIPMENT
- CORROSION
- BIOCIDES & SCALE INHIBITORS
- SAND SEPARATORS
- GAS INSULATED SWITCHGEAR
- HV TRANSFORMERS

Executed N&P Activities	UNIT	Overall QTY
Electrical Power (LC-LV-MV-HV)	LM	3,240,469
Substations, Valves: MOV's, PCV's, GV's and Buildings	Pcs	30
Instrument / Control Cables (Primary & Secondary)	LM	1,671,802
Plant Control System (DCS, ESD, VMS)	Pcs	104
Telecom Works	LM	1,251,712
Pipeline Length	Km	1,777
Major Crossing in Pipeline Projects	Pcs	10,081
Leak Detection System in Pipeline Projects	Km	1,016
Precom (Hydrotest Packages and Loop Checks)	Pcs	17,927
Civil Works	m <sup>2</sup>	2,632,232
Concrete	m <sup>3</sup>	203,984
Underground Utilities	LM	55,164
Steel Structure	Tons	14,838
Process Piping Fabrication and Erection	Dia''	3,559,008
Static/ Skids Equipment Erection and Alignment	Pcs/Tons	1,746/26,681
Rotating Equipment Erection and Alignment	Pcs/Tons	348/587
Painting / Fireproofing	m <sup>2</sup>	691,644
Insulation	m <sup>2</sup>	89,711

LIFTING CAPACITY: 2000T



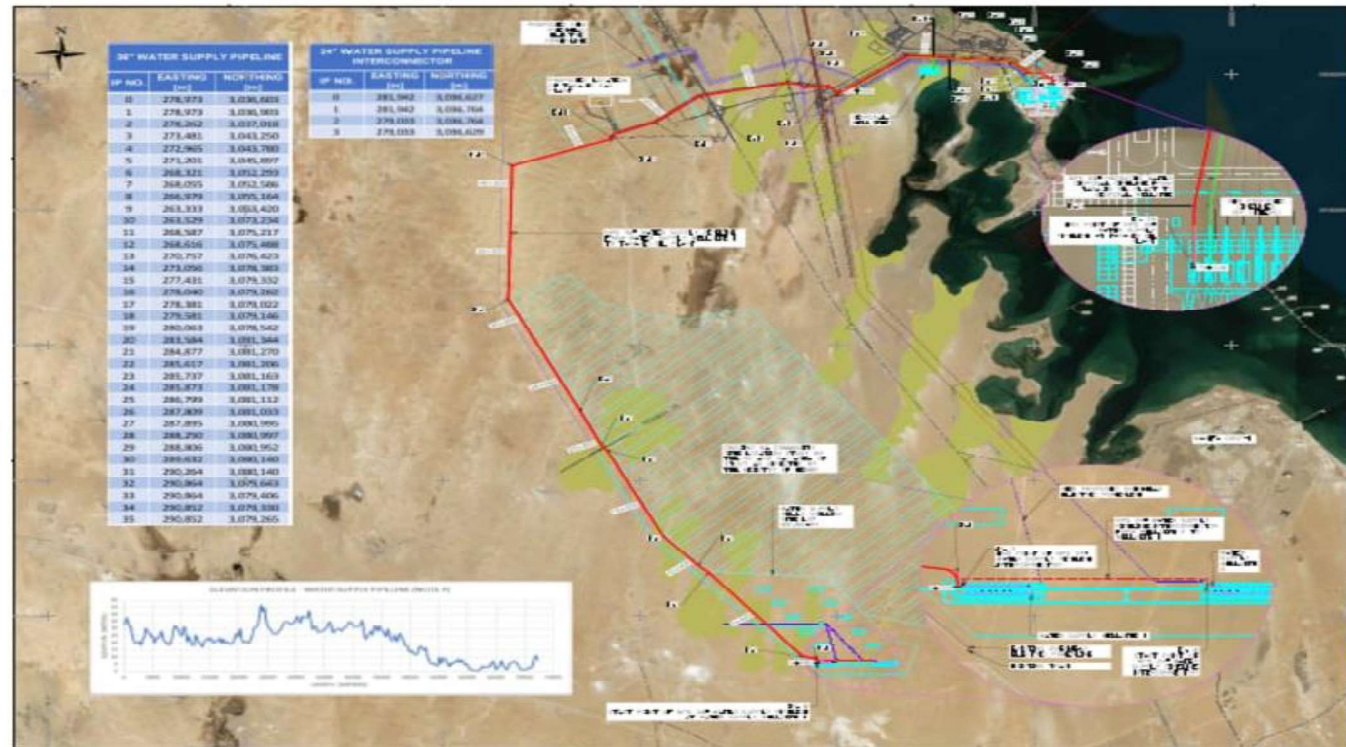
## Project Objective

Supply the required water injection flowrate for reservoir pressure maintenance to support SAUDI ARAMCO's corporate objective to remain a reliable supplier for Oil and Gas.

Onshore Water Supply Facilities project shall involve development of Jaladi Field water extraction facilities from Wasia aquifer and water transportation via pipeline to Tanajib Oil Plant (TOP). The OWSF will deliver 615 MBCD of supply water for offshore injection by 2037.

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& Partners وشركاهم

# Site Location



# MIP Onshore Water Injection Package 07



Oil & Gas

## Findings:

- Design complications and changes for two years.
- Covid Pandemic restrictions and safety/travel and logistics measures

## Solutions:

- The project did not stop during the pandemic and followed the best safety practices and regulations spread at the time.
- The contractor initiated an execution method in going two ways directions in lowering the pipeline noting that it is internally coated which doubled the progress and mitigated the challenges faced.
- The contractor practiced an agile process for the procurement of long lead items which were affected by the design change which enabled deliveries in a faster time.

## Achievements:

- Oil & Gas project of the year in KSA according to MEED, Over 8 Million safe manhours, Highest construction safety index (CSI score) during 2023, Zero Traffic violations, Multiple internal recognitions, and project awards.
- Delivered the project on time without LTIs or recordable injuries.



## MIP Onshore Water Injection Package 07



40% increase in pipeline lowering progress by starting from the middle of the pipeline and then starting lowering in two directions towards the north and south instead of following one direction. That's due to the internal coating of the pipes and the range of the internal coating machine which imposes to lower the strings sequentially otherwise the tie-in joints won't be accessible for internal coating.

Implementation of this strategy enabled us to increase the lowering progress from 2 strings to 4 and sometimes 5 strings per week.

We overcame another challenge by deploying three teams of horizontal direct drilling HDD simultaneously to open the work fronts in advance of the lowering spread. Noting that there were thirteen diversified crossings (road-crossing & pipeline corridors). In that case, without tackling this time-consuming task the lowering progress would have been hindered.



## MIP Onshore Water Injection Package 07



In the original constructability study, the pipeline was supposed to be hydro tested in many stretches taking into consideration the geographical locations of crossings. After the COVID-19 pandemic and its consequences on construction projects in general, N&P decided to keep progressing in lowering and welding and to hydro test the full length one time. Due to its reliable and trustworthy quality system and procedures, N&P was able to take this decision noting that the joints were fully tested and passed, and the pipes were well-protected which gave N&P the full confidence to postpone the hydro test until the completion of the full pipeline length.

In addition, the contractor succeeded in managing the hydro test water flushing in an effective, safe, and smart way after getting all the necessary approvals and permits.

The contractor practiced an agile process for the procurement of long lead items which were affected by the design change which enabled deliveries in a faster time. The contractor deployed third-party inspectors TPI and expeditors overseas to follow the progress of material manufacturing and inspection continuously which enabled long lead items deliveries on time.



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& Partners وشركاهم

# Achievements



MIP7 team's accomplishment of contributing 80-Million safe man-hours



Nesma Pkg.7 earned an overall score of 93.50% for the month of November 2023 (Package-7 is consistently maintaining the highest CSI score among all TGPPD Packages)

**Nesma & Partners** **نسما وشركاهم**

# Achievements



Nesma Pkg.7 awarded with ZERO Traffic Violations consistently for 5 years among all TGPPD Packages



Honor of receiving prestigious award from Saudi Aramco VP.





# Achievements



Nesma & Partners (MIP-7) project has celebrated the achievement of Five (5) Million Safe Man Hours with zero LTI



Certificate of Appreciation was presented to Mr. Raji M. El-Samrani (Nesma Project Manager) by Mr. Nader M. Al-Mazyad (Saudi Aramco Company Representative)

## Achievements



Nesma & Partners has recently been awarded the National Winner Badge of the MEED Projects Award in the Oil & Gas category for its exceptional efforts in the “MIP Onshore Water Injection: Package-7” project.

**Nesma**  **نسما**  
& Partners وشركاهم

**Great  
Place  
To  
Work<sup>®</sup>**

**Certified**

NOV 2023-NOV 2024

KSA

™

**Thank you**

