



INDUSTRIAL CLEANING



**JANWA GENERAL CONTRACTING  
& CONSULTANCY ENG. CO. Ltd.**

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## About us

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## About us

Janwa is a construction, general contracting and engineering Oil Field Service Company. Janwa was formed because there was a need for quality and superior services to provide general contracting and subcontract work. We aim to complete jobs within deadlines & in a safe, professional manner.

The most fundamental part of our company, are our employees. Our team cares about job quality & are always willing to go the extra mile to ensure the best of services for our clients.

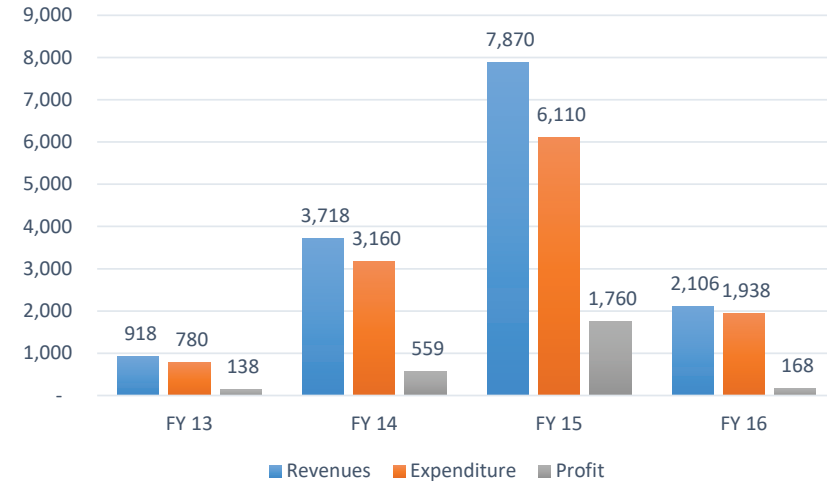
There is no project too big or small; Our clients receive our full attention, every time. It's our solemn goal & promise to give the best possible service to our customers. That's the Janwa way.



# Janwa at glance

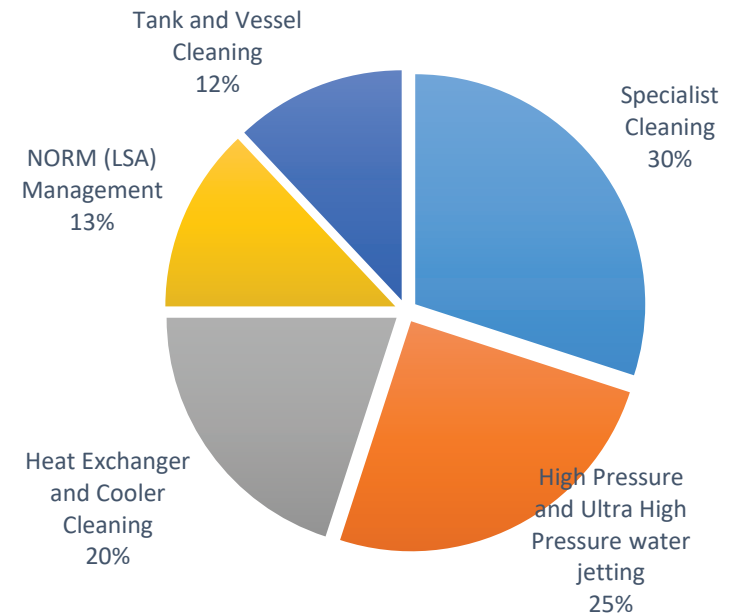
## Financials

[USD K]



## Business Segments

[2005 to 2018]



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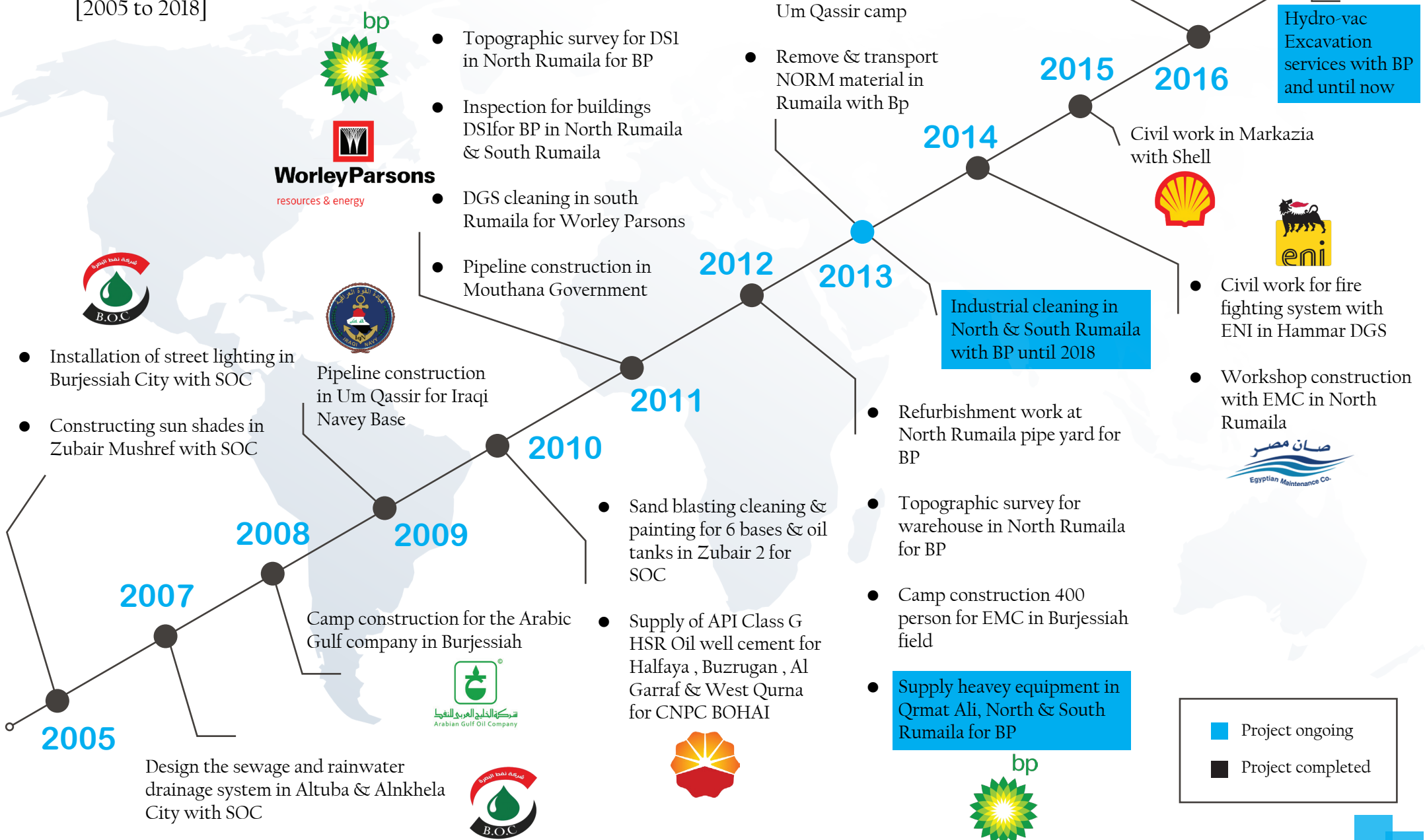
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# Projects Timeline

[2005 to 2018]



2005

Design the sewage and rainwater drainage system in Altuba & Alkhela City with SOC

2007

- Installation of street lighting in Burjessiah City with SOC
- Constructing sun shades in Zubair Mushref with SOC

2008

Camp construction for the Arabic Gulf company in Burjessiah

2009

Pipeline construction in Um Qassir for Iraqi Navey Base



2010

- Sand blasting cleaning & painting for 6 bases & oil tanks in Zubair 2 for SOC
- Supply of API Class G HSR Oil well cement for Halfaya , Buzrugan , Al Garraf & West Qurna for CNPC BOHAI



2012

- Pipeline construction in Mouthana Government
- DGS cleaning in south Rumaila for Worley Parsons



2011

Refurbishment work at North Rumaila pipe yard for BP

2013

Industrial cleaning in North & South Rumaila with BP until 2018

2014

Civil work in Markazia with Shell



2015

- Infrastructure works for Um Qassir camp
- Remove & transport NORM material in Rumaila with Bp



Civil work for fire fighting system with ENI in Hammar DGS

Workshop construction with EMC in North Rumaila



- Project ongoing
- Project completed

2017

Iraq zubair north new DGS project with Samsung



Hydro-vac Excavation services with BP and until now



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## Certifications



International Association  
for Health and Occupational Safety  
and the Environment





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## 1. ULTRA HIGH PRESSURE WATER JETTING

We have a large number of highly trained personnel who are specialised in delivering complex water jetting services to oil and gas field. Janwa owns and operates an extensive fleet of High Pressure Retro Jetting equipment, operating to pressures of 40,000 psi.

With a strong commitment to provide clients with the latest in best-fit technologies, combined with our highly trained operatives and specialist equipment, we ensure that our teams have the knowledge, experience and technological resources to safely and efficiently complete cleaning or descaling operations to client requirements in a diverse range of industrial contexts.



1

## Water Blasting & Cleaning

Water Blasting is one of the most efficient ways to remove deposits, waste and corrosion. Working pressures from 5,000 to 40,000 psi (350 to 2750 bar), Hydro Blasting removes various coatings, rust and corrosion. Water Jetting has high pressure cleaning resources for applications ranging from cleaning flat surfaces to the inside of pipes, tubes, container and tanks.

Water blasting reduces downtime and repair costs to contractors, environmental friendly operation and effective solution against Sand-blasting.

2

## Concrete Demolition

In situations where a risk of present any hot cutting, we have the capacity to use high pressure water as a safe cutting method. Cold cutting is often used for the demolition of facilities, providing access to tanks and columns, both internal and external, concrete cutting, and surface preparation through coatings removal.

Cold cutting is highly effective for cutting steel, composites, and almost any other hard material. Additionally, using cold cutting reduces dust, cutting oils, vibrations, and waste products, while preventing mechanical or thermal stress.

3

## Cold Cutting

Using hydro demolition, we can easily remove small sections of concrete without causing any damage to the surrounding area of concrete.

Using jack hammers to remove concrete can cause extreme vibration, damage to rebar or steel support and create clouds of dust.

Concrete demolition using water blasting allows you to cut the affected area to be removed without extreme vibration or potential resultant damage to surrounding concrete. With hydro-demolition you can cut only the concrete without worry about damage to the structural integrity of the support steel strengthening materials. Since you are using water to cut out old or damaged concrete, no clouds of dust will be created.

ULTRA  
HIGH PRESSURE WATER JETTING



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## 2. HYDROVAC TRUCKS

Hydrovac trucks contain high-pressure water and vacuum equipment which are used to dig, drill, and clean the selected area of land. These trucks have highly-pressurized water jets that loosen up the targeted land for excavation. They also have a high-powered vacuum hose that sucks water and loose materials into a huge holding tank. These trucks complete various excavation projects in an environment-friendly, non-destructive manner, thus making hydrovac the best excavation process. Hydrovac trucks are popular and largely used in various fields due to their precision and accurate working results. These trucks serve oil and gas, transport, power or electric, engineering utility providers, and other commercial industries.



1

### Daylighting

Daylighting is the process of unearthing any kind of land covered with sand, gravel, concrete, or even ice with the help of water and vacuum in order to expose the underlying utilities to the daylight. Hydrovac trucks assist in locating underground utilities by digging or trenching the ground which is at a close proximity to the utilities. Daylighting is more efficient and precise than using other forms of utility locating.

2

### Hole Digging

Hydrovac trucks help in digging posts as well as in piling holes of varying diameters and depths. These holes are dug for installing poles, signs, fences, signals, etc., and providing structural foundation support to them. The precision of pressurized water and vacuum equipment enable operators to drill the desired land accurately.

3

### Trenching

Hydrovac trucks help in digging pits and trenches of different sizes and depths for exposing underlying utilities or installing new utilities. Slot trenches are smaller trenches that are typically excavated to investigate the underground conditions of a given area.

4

### Debris Removal and Tank Cleanup

Hydrovac trucks can remove any type of material, wet or dry from trenches, pits, and underground tanks. These trucks remove soil, water, sludge, spills, debris, etc. from even the hard-to-reach underground places. Hydrovac trucks can perform cleanup tasks from a remote distance. This reduces the traffic at the site. These trucks are also

5

### Backfill Restoration

Hydrovac trucks can complete any excavation project by filling the trench or pit with soil and bringing the area back to its normal form. These trucks fill the holes, compact the soil and land, and make the subsurface free from unwanted air pockets.



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### 3. INDUSTRIAL VACUUM SYSTEM (I-VAC)

Our Vacuum system able to transfer material under vacuum in mining, chemical, construction and offshore drilling applications. The pump is capable of transfer rates up to 60 m3/hour, material dependent, all while delivering the same through its 4" discharge port. The Unit relocates material an extended distance of over 2km using fixed pipe or flexible hose.

Industrial vacuum unit are known as being the most reliable and safest in the industry and are great for sumps, ditches, crusher station, loading pocket, and take-up tower clean-ups. Units are capable of handling the most difficult of materials, wet or dry, and feature a unique delivery system as well as a powerful vacuum. Powered by compressed air, Vacuum unit easily move products such as gravel, sand, rock, slimes and sludge to any desired location. Usable as fixed or portable vacuum systems, the units are able to transfer material short distances or kilometers to remote locations through a pipeline.



1

#### Environmental Cleanup

Industrial vacuum systems are perfect for dealing with emergency response situations because they can be set-up on site quickly to recover and contain spillage.

2

#### Waste Water

When water quality has been negatively affected, becoming what is now considered waste water, you need to handle the issue in a safe and prompt manner to maintain environmental safety.

3

#### Excavation

Vacuum excavation is a process that significantly reduces the risk for loss of property or injury to workers when contacting underground utilities.

4

#### Vacuum Dry Materials

Moving gravel, sand, sawdust, and other dry solid materials is exactly what the IVAC systems were engineered to handle, making worksite cleanup easy.

5

#### Pumping Liquid & Sludge

Our portable, pneumatic systems can move virtually any material by utilizing heavy duty intake hoses and delivering liquid or sludge precisely where you want it.



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## 4.FASTER BLASTER MACHINE

The Faster Blaster, the only machine that can blast clean both vertical and horizontal surfaces and pipe, with remarkable savings in time, labor, cleanup, wastes, and above all, costs.

The operator controls the machine movement, hoist operation, and blast functions from the hand-held Wireless Remote Control.

The abrasive media is contained, circulated, and cleaned within the Blast Module. A vacuum hose automatically deposits the paint and dust in a 55gallon drum, This cleaning system eliminates dust emissions and operator safety concerns associated with other cleaning methods. The Faster Blaster can be turned a full 90 degrees to clean close to the ground on tank walls and it blast cleans close to vents, pipes and other obstructions.



1

Water ,Oil stoarge tanks and pipelines

2

Floors and Roofs

3

Side walls of tanks

4

Dome Roof

FASTER BLASTER MACHINE



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## 5.ROBOTIC UNITS & MANWAY CANNON

Janwa Offer Integrated Solutions For The Next Generation Of Tank Cleaning.

As the industrial services , industry continues to shift towards non entry tank cleaning in the years to come .

Janwa offer Robotic Unit for Cleaning especially in tanks without entry man , Robot is remotely operated, hydraulically powered units. The operator controls them from a self contained control trailer while getting live feeds from the UL certified explosion proof light and camera mounted inside the manway.

Jawna's robot can meet a variety of needs in many environments.

On most jobs, Robotic unit can be deployed through either a horizontal or vertical manway as small as 24" .



1

Storage Tanks

2

Vessels

3

Floating Roofs

4

Sumps

ROBOTIC UNITS & MANWAY CANON



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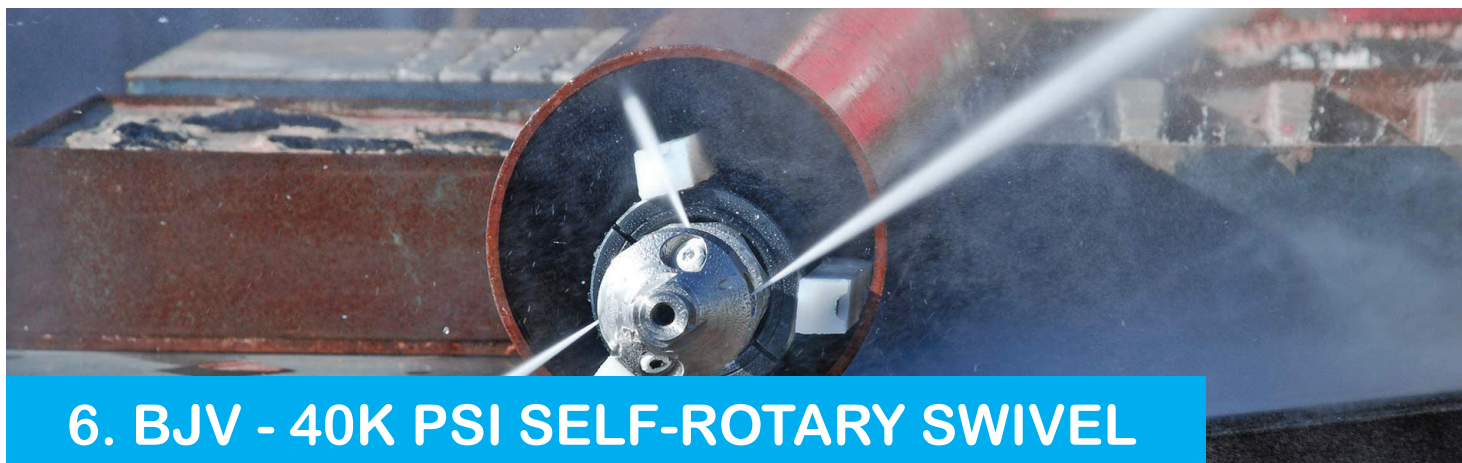
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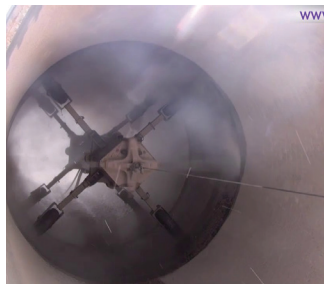
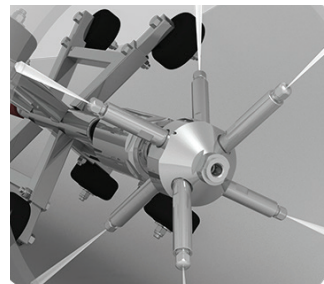
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## 6. BJV - 40K PSI SELF-ROTARY SWIVEL

Janwa offers high pressure water jet tube & pipe cleaning and ultra high pressure water jetting system for different size of pipes cleaning. Janwa offers pipe cleaning equipment ranging up to 40K PSI pressure. BJV can clean everything from 6 inches (155 mm) pipes to 72 Inches (4.5 m) diameter with simple modifications.

Our tools make pipe and tube cleaning a breeze, allowing you to use high pressure water to remove even hardened deposits. We use the BJV self rotary and its accessories to help us be more successful.



1

Pipes from 6 to 72 inches

2

Tanks 152 mm to 4.5 m

3

Head exchanger housings

4

Etc.

BJV - 40K PSI SELF-ROTARY SWIVEL



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## 7. EMERGENCY RESCUE

Janwa has built an unrivalled reputation in the safe delivery of specialist cleaning services, with a strong commitment of providing our clients with the latest in best-fit technologies. We have a large number of highly trained and experienced personnel who are specialised in delivering complex water jetting services to oil and gas field.

Janwa offers quality performance with an excellent safety record of five years without a recordable incident







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## Our Location

### Headquarter

Janwa Building, 4th floor, Al-Risala district street,  
Al-Risala district, Basra, Iraq

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Email : [info@janwagroup.com](mailto:info@janwagroup.com)

### Workshop

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Email : [info@janwagroup.com](mailto:info@janwagroup.com)

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## Contract Person

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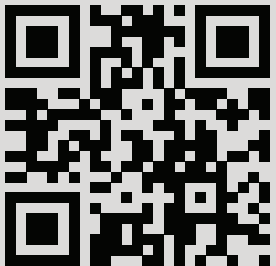
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