

**GALFAR**

**ENGINEERING & CONTRACTING SAOG**

**CONSTRUCTION GIANT  
IN MIDDLE EAST**

## Group Companies

1. **GALFAR Engineering & Contracting SAOG, Oman**
2. **GALFAR (India) Pvt Ltd, India**
3. **GALFAR Engineering, Libya**
4. **GALFAR Engineering, Kuwait**
5. **GALFAR Engineering, Saudi Arabia**

## Associate Companies

1. **GALFAR Engineering & Contracting WLL, Emirates**
2. **GALFAR AL MISNAD Engineering & Contracting WLL, Qatar**

# Galfar Oman – at a Glance

- **Oman's Largest** Engineering, Procurement & Construction Contractor
- **Major Sectors** of Operation and Largest Contract Value ongoing Projects:-
  - ❖ **Oil & Gas** – Off Plot Delivery service (**USD 1,400+ M**)
  - ❖ **Roads and Bridges** - Batinah Expressway (**USD 452 M**)
    - ❖ Salalah International Airport (**USD 265 M**)
  - ❖ **Civil , Utilities & Services** – Seeb Sewage Network (**USD 226 M**)
- Turnover – Y2013:- **USD 1.01 Billion**
- Manpower Strength :- **23,114(Staff + Workmen)**
- Equipment – **8128 Nos**

## Key Leaders



**Chairman**

**Sheikh Dr. Salim Bin Said Al  
Fannah Al Araiimi**



**Chief Executive Officer**

**Dr. Hans Erlings**



# Galfar – Verticals

## Oil & Gas

All Oil & Gas related works .  
Service and maintenance Contracts  
Up stream and down stream EPC Projects  
Downstream facilities turnarounds and maintenance contracts

## Roads and Bridges

Highways  
Expressways  
Bridges and Interchanges. Dams  
Hydraulic Structures  
Airport EPC Contracts  
Tunnels, Causeways  
Tech-span Bridges

## Civil & Marine Infrastructure

Commercial and Residential Bldgs, Hospitals  
Heavy civil for industrial structures  
Ports and harbors  
Water supply ,Sewage schemes  
Water treatment plants

## Utility & Services

MEP & HVAC, Power Transmission, Grid Stations and Distribution networks  
O & M Contracts for WTP, STPs, Water & Electric Distribution Networks

# Galfar – Subsidiaries

## Aspire Projects & Services LLC

Facility  
Management,  
HVAC Solution,  
Lighting Solution,  
BMS  
Implementation &  
Maintainance

## Galfar Aspire LLC

Ready mix Concrete  
Supply,  
Precast Concrete  
Products Supply

## Al Khalij Heavy Equipments LLC

Heavy Equipment  
Leasing and Hiring

## Galfar Training Institute

Value added  
Training in skills like  
Project  
Management  
HSE  
Carpentry  
Mechanical  
Heavy Equipment  
Operation & Driving  
Many other Skilled  
Training

# Galfar – Facilities

## Steel Fabrication Facility

Manufacturing MSV Skids  
Pipe Rack, Platforms ,  
Crossovers ,Pipe supports  
and Sheds,  
ASME 'U' & 'R' Certification

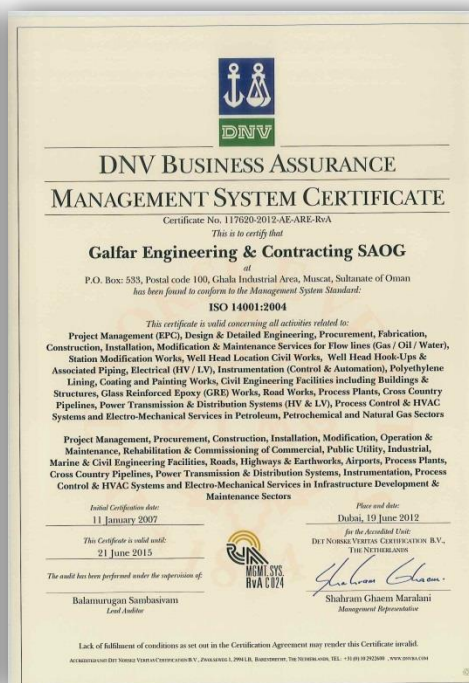
## Carpentry & Joinery Facility

Porta Cabins,  
Interior Works,  
Furnitures and other Allied  
works for our Building  
Projects

## Aluminum Works Facility

Doors & Windows,  
Partitions, False Ceiling and  
other allied works for our  
Building projects

# Quality & HSE in Galfar is managed through a certified system compliant with ISO & OHSAS





# Our Occupational Health & Safety Policies

## ROAD SAFETY POLICY

Galfar Engineering & Contracting SAOG recognizes the impact of Road Traffic Accidents on people, in its business, the community & country and is committed to reduce such impact through deliberate efforts.

To abide by the above and achieve continual improvement in Road Safety performance, Galfar will:

- Comply with the applicable legal & other requirements of the country in which it operates and meet the requirements of its clients
- Deploy vehicle / equipment that are suitable to the requirement and ensure they are in safe working condition.
- Adhere to the maintenance standards stipulated by the vehicle / equipment manufacturers.
- Provide Drivers / Operators & Others with necessary information / training to ensure safe performance and hold them accountable for compliance with applicable requirements.
- Conduct Drivers Safety Forum to create opportunity for interaction and to disseminate safety related issues.
- Implement incentive scheme for drivers.
- Emphasize behaviour, attitude & culture of drivers / operators, passengers and other road users as factors that can influence Road Safety.
- Conform to the applicable requirements on Load Safety and Restraint.
- Liaise with the authorities concerned on issues related to Road, Environment and improving Road Safety performance.
- Plan & schedule realistic driving hours and journey by using Journey Management System.
- Initiate prompt actions against non-compliant situations.

هانس إيرلنغ  
المسؤول التنفيذي الأول  
Hans Erlings  
Chief Executive Officer  
1st April 2008



## سياسة سلامة الطريق

تقر شركة جالفار الهندسة والمقاولات على مدى جوع تأثير حوادث المرور على الناس والأصول والمجتمع والماء، وتقرم بالتدبر من قبل الآثار من خلال جهود متعمدة لتدبرها.

بالانضمام بما ورد أعلاه تقوم شركة جالفار بأجراء التحسينات المستمرة في مجال سلامة الطريق من خلال ما يلي:

- الالتزام بالمتطلبات القانونية المعمول بها والأحكام والاشتراطات الأخرى التي تليها.
- توفير المركبات / المعدات التي تناسب الظروف وسماها لها العمل في ظروف آمنة.
- التأكد من مطابقة على المعايير المصنوع عليها في السيارات / المعدة والتي لم يمتدحها من قبل الجهة المختصة.
- توفير المعلومات اللازمة للمشغلين / المشغلين وغيرهم مع التدريب لضمان سلامة أدائهم ومعاييرهم على عدم الالتزام بتعليمات شركات السلامة.
- عقد جلسات لسلامة المشغلين للهيئة الفرعية للتفاعل مع إجراءات السلامة وتغير القضايا ذات الصلة.
- تنفيذ خطة حوافز للمتلقيين.
- التأكيد على أن سلوك، والوضع النفسي والثقافة للمشغلين / المشغلين والركاب وغيرهم من مستخدمي الطريق يعتبر من العوامل التي يمكن أن تؤثر على سلامة الطريق.
- التوافق مع الشروط المطلوبة على السلامة الزمنية.
- التنسيق مع السلطات المعنية بشأن المسائل المتعلقة بالطريق والبيئة وتحسين السلامة على الطريق.
- وضع خطة وجدول زمني لساعات القيادة الواقعية عبر استخدام نظام إدارة العمل اليومي.
- الشروع في إنفاذ إجراءات قوية ضد كل الحالات الغير مقبولة.

جالفار

## HEALTH, SAFETY AND ENVIRONMENT POLICY

Galfar Engineering & Contracting SAOG is committed to protect its employees and other stakeholders from injuries & ill health, prevent damages to assets and minimize impact on the environment to the course of its business.

To abide by the above, Galfar shall:

- Require its line managers to demonstrate commitment to Health, Safety and Environment protection.
- Identify & manage the hazards involved in its activities & services proactively.
- Comply with the applicable legal & other requirements of the country in which it operates and the Customer whom it serves.
- Establish improvement objectives, targets / limits at appropriate levels & frequencies and monitor performance on a regular basis.
- Ensure availability of adequate resources to achieve its HSE objectives.
- Provide all employees with necessary information, training and experience to ensure that the applicable requirements are complied with, and hold them accountable for compliance with applicable HSE requirements.
- Encourage effective communication & consultation between management, employees & other stakeholders to continually improve HSE awareness and compliance.
- Provide & maintain a safe & healthy work environment, safe vehicles, tools, equipment, machinery & other resources and systems & standards of work.
- Prevent environmental pollution, optimize consumption of energy, water & other natural resources, reduce generation of wastes and ensure their disposal in a responsible manner.
- Encourage reporting & investigation of incidents & non-conformances and initiate actions to prevent recurrence.
- Empower all employees to work only in a safe environment.

This will be achieved through effective implementation, regular review and continual improvement of our HSE Management System.

This policy will be communicated to all employees of the Company & others working on its behalf and made available to all interested parties & to the public.

هانس إيرلنغ  
المسؤول التنفيذي الأول  
Hans Erlings  
Chief Executive Officer  
1st April 2008



## سياسة الصحة والسلامة والبيئة

تلتزم شركة جالفار الهندسة والمقاولات على مدى جوع آثار مخاطر أعمالها بمعاملة موظفيها ومساهميها والصالحين الآخرين من التعرض للإصابات والأمراض والبيئة المصنعة، ومنع حدوث الأضرار على الأصول وللأثر على البيئة.

والانضمام بذلك تقوم شركة جالفار بما يلي:

- طلب من مديريها الفنيين إظهار التزامهم بالالتزام بالصحة والسلامة والبيئة.
- تحديد وإدارة المخاطر التي تنطوي عليها أنشطتها وخدماتها بشكل استباقي.
- الالتزام بالمتطلبات المعمول بها في البلد الذي تعمل به والمتطلبات الأخرى للعملاء الذين تقوم بخدمتهم.
- خلق تحسينات على الأهداف والفراس في الحدود بمستويات وفترات مناسبة ورصد الأداء على أساس منتظم.
- ضمان توافر الموارد اللازمة لتحقيق أهدافها فيما يتعلق بالصحة والسلامة والبيئة.
- توفير جميع المعلومات اللازمة للموظفين، والتدريب والخبرة، لضمان الامتثال لمتطلبات الصحة والسلامة والبيئة.
- تشجيع التواصل الفعال والتشاور بين الإدارة والموظفين ومساهمي الشركة الآخرين بصورة مستمرة لتحسين الوعي والامتثال بالصحة والسلامة والبيئة.
- توفير والحفاظ على بيئة عمل آمنة والصحية، المركبات، الأدوات، المعدات والآلات وغيرها من نظم موارد ومعايير العمل.
- منع تلوث البيئة، تقليل استهلاك الطاقة والمياه وغيرها من الموارد الطبيعية، والتدبر من زيادة التلوثات وتضمن التخلص منها بطريقة مسؤولة.
- التشجيع على التبليغ والتحقيق في الحوادث وإحالات عدم الامتثال، وسياسة الصحة والسلامة والبيئة و البدء في إنفاذ الإجراءات اللازمة لحماية الموارد.
- تمكين جميع الموظفين من العمل في بيئة آمنة.

سيتم ذلك من خلال التنفيذ الفعال، والمراجعة بشكل منتظم والتحسن المستمر لنظام إدارة الصحة والسلامة والبيئة بالشركة.

سيتم إيصال جميع العاملين بالشركة والذين يعملون لصالحها من الجهات الأخرى وبشأنهم سياسة الصحة والسلامة والبيئة.

جالفار

## ALCOHOL, DRUGS & SMOKING POLICY

Galfar Engineering & Contracting SAOG desires:

- Our employees to be energetic, healthy & fit for work and
- Our workplaces & offices safe, healthy and pollution free.

Alcohol, drugs and smoking are medically proven to be injurious to health. Usage of alcohol and drugs reduce employees' ability to carry out their duties in a responsible, safe and efficient manner. Drugs, in this context exclude those prescribed by a medical doctor.

The Company prohibits the use of drugs and alcohol by our employees whilst on duty. Employees under the influence of alcohol and drugs are not allowed to enter any workplaces or offices or discharge any duties on behalf of the company. Illegal possession and / or sale of alcohol, drugs and narcotics in places of work or accommodation is strictly prohibited.

Smoking is not allowed in any of our offices or living accommodations, apart from designated areas earmarked for the same. Smoking in company owned vehicles and equipment is strictly prohibited.

To assist our employees we will conduct awareness campaigns that explain the debilitating effects of alcohol, tobacco and drugs use on the mind and body. Employees with an alcohol or drugs problem will be offered professional help and counseling to wean them away from their addiction.

Disciplinary action will be taken against violators of this policy. Driving company vehicles under the influence of drugs or alcohol will lead to immediate dismissal.

هانس إيرلنغ  
المسؤول التنفيذي الأول  
Hans Erlings  
Chief Executive Officer  
1st April 2008



## سياسة المشروبات الكحولية والتدخين والعقاقير الممنوعة

إن شركة جالفار الهندسة والمقاولات على مدى جوع في تحسين أوضاع:

- أن يتمتع العاملون لديها بالصحة والنشاط وأن يكون أفعالهم ملائمة لأعمالهم وأيضاً.
- أن تكون مواقع أعمالنا ومكانتنا آمنة، صحية وخالية من التلوث.

إن تعاطي المشروبات الكحولية والتدخين والمواد المخدرة من الناحية الطبية قد يضر بعمليات العمل، بأنها تؤثر على قدرة الفرد على العمل. استخدام المشروبات الكحولية والمواد المخدرة يقلل من قدرة العاملين على أداء أعمالهم بصورة سليمة وبصورة آمنة وبكفاءة. ولتدبر الإشارة هنا إلى أن العقاقير في هذا السياق لا تشمل على ما هو موصى به بواسطة الطبيب المعالج.

إن الشركة تمنع استخدامها علماً بأنها من إساءة المشروبات الكحولية أو تعاطي المخدرات أثناء أداءهم لأعمالهم. هناك من العاملين والذين هم تحت تأثير المشروبات الكحولية والمخدرات يحظر منع دخولهم لأي موقع من مواقع عمل أو مكتب العمل أو أداء أي عمل أثناء من الشركة أو المخدرات أو التعاطي بالمواد المخدرة والمواد المخدرة وما يتصل بها في مواقع العمل أو السكنات يحظر منع منعاً باتاً.

الحد من تدخين داخل أي من مكاتب الشركة وكذلك في الأماكن السكنية وإيضاً داخل مركباتهم بعدد الشركة. يتحصر الإضرار بأنه سيؤثر على تحسين أماكن يمكن يمكن السماح بالتدخين فيها.

وسنساعد العاملين بالشركة من خلال برامج التوعية عبر المحاضرات التوعوية والتوضيحية التي سيتم عبرها توفيرهم من أضرار والتأثير التي تنطوي على تعاطي المخدرات والتدخين والتدخين. أما العاملين الذين لديهم مشاكل إدمان مرفوعة بالمخدرات والمواد المخدرة فهم سيحصلون على المساعدة المهنية والتدريب لتخليصهم من حالة الإدمان التي يعانون منها.

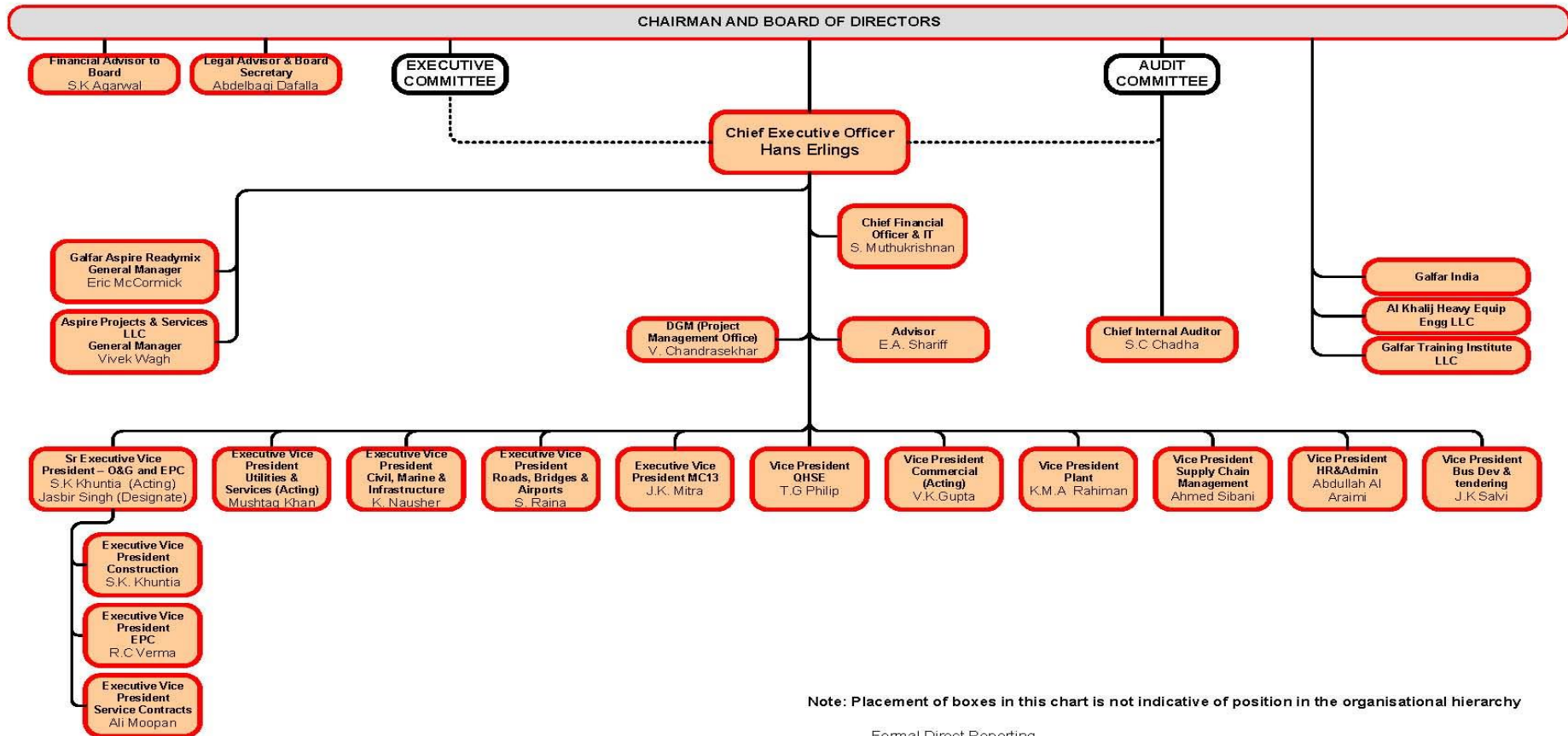
هناك إجراءات تأديبية صارمة ضد المخالفين لهذه السياسات سيتم إنفاذها مندهر. أما حالة قيادة مركبات الشركة تحت تأثير المشروبات الكحولية أو المخدرات سيترتب من تلقاها لفصل الفوري من الخدمة.

جالفار

# Corporate Organisation

Sunday, March 23, 2014

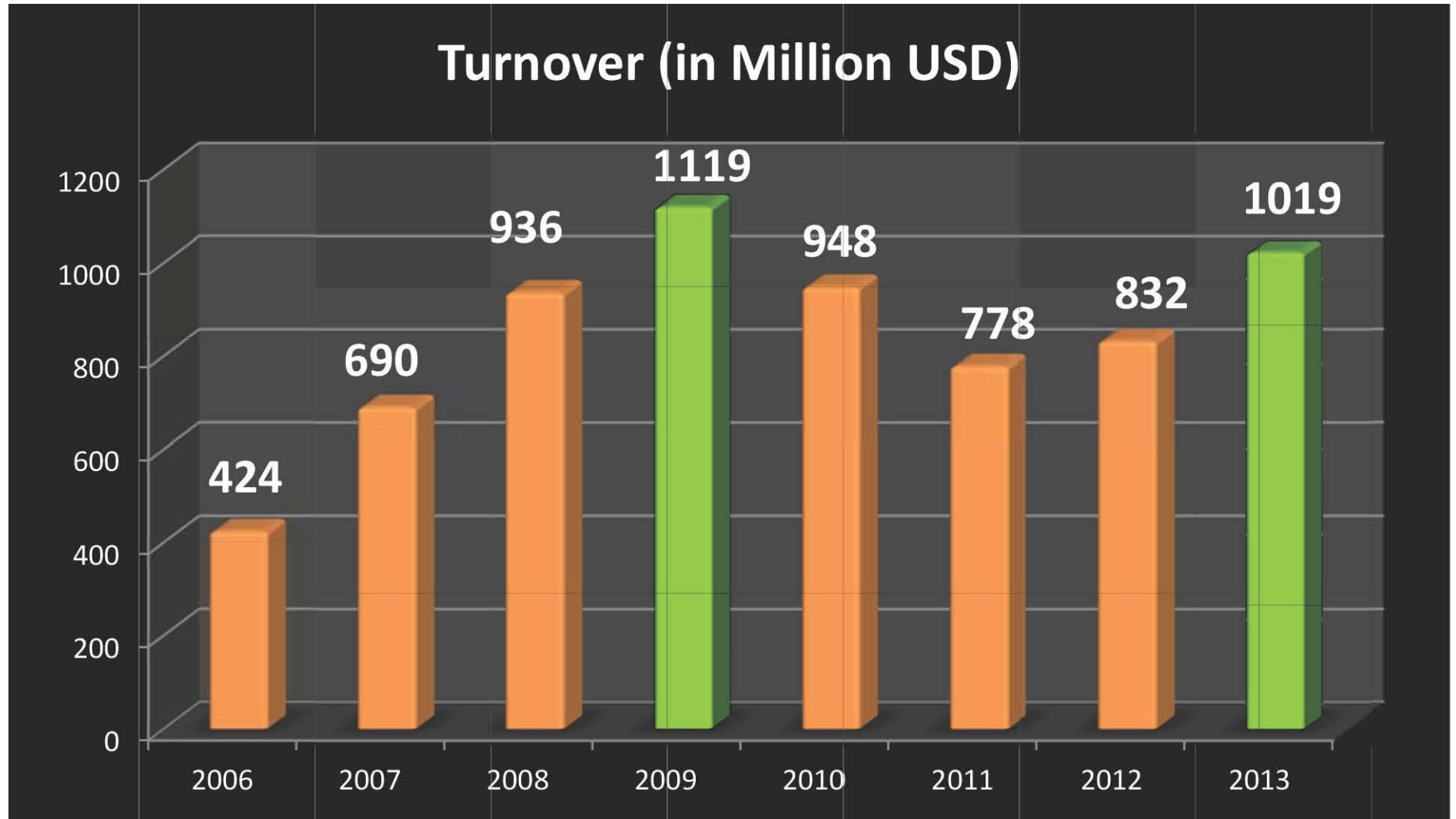
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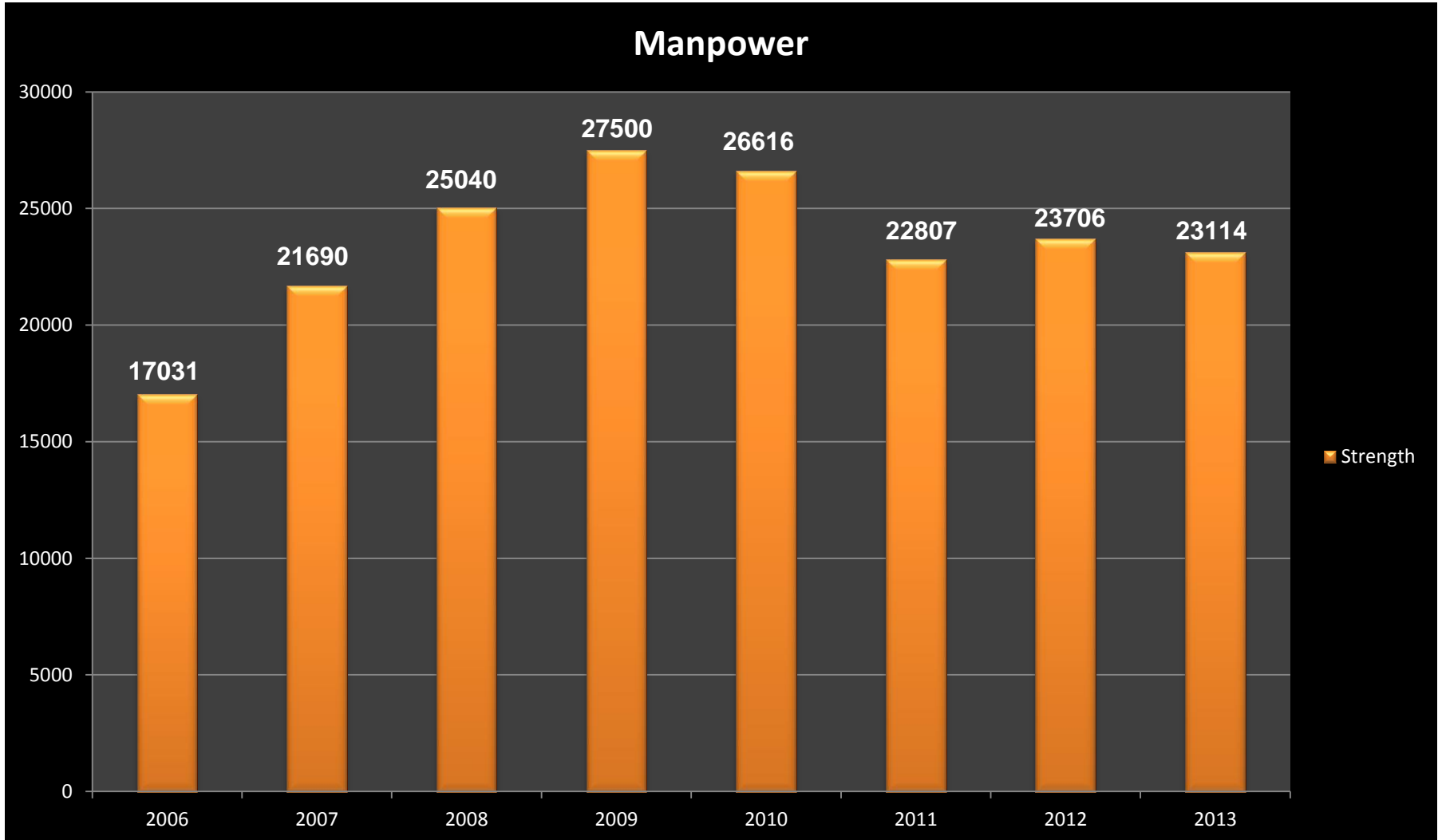
Note: Placement of boxes in this chart is not indicative of position in the organisational hierarchy

—— Formal Direct Reporting  
- - - - Working relationship but not directly reporting

# Financial Turnover

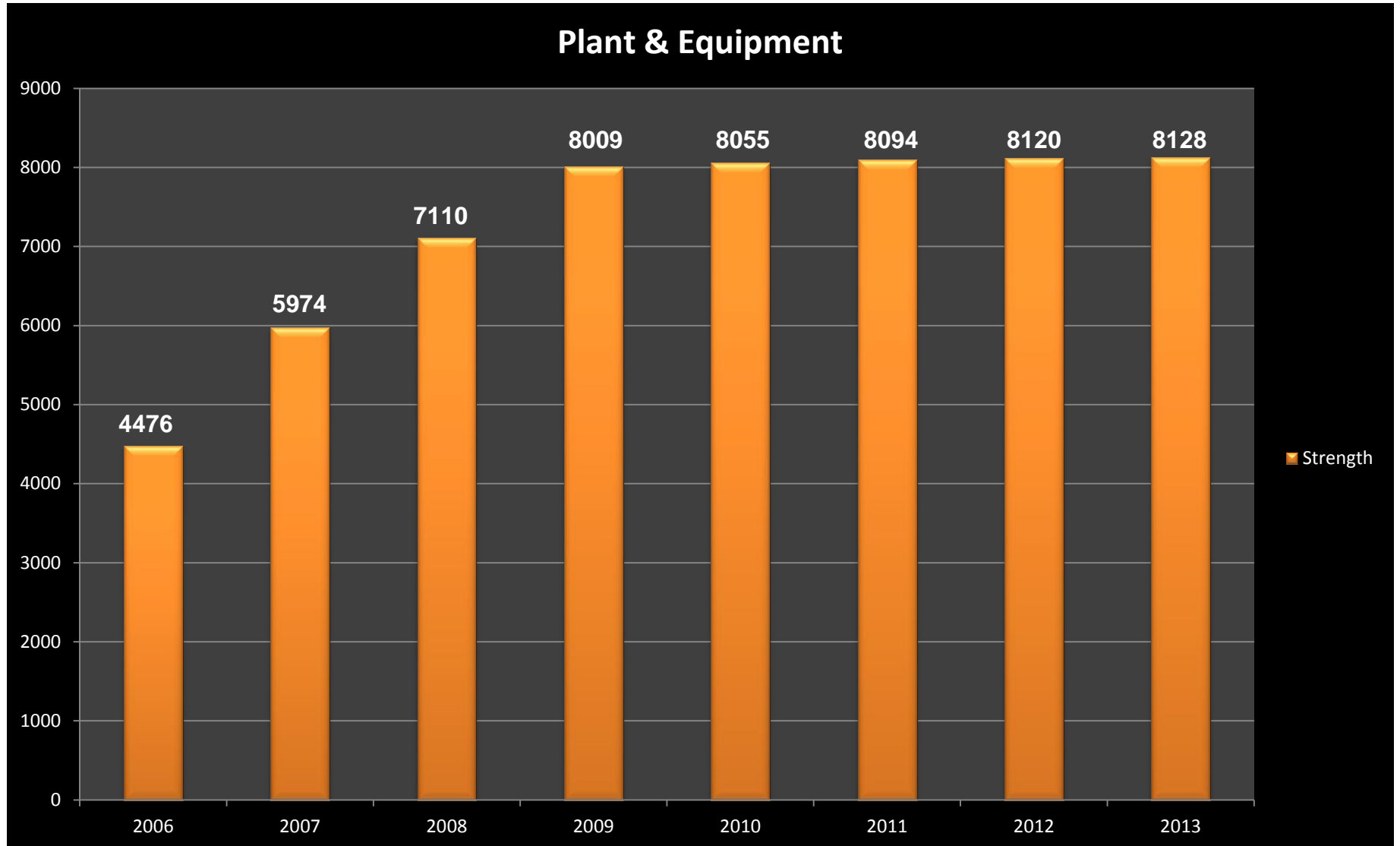


# Resources: Manpower





# Resources: Plant & Equipment



## Our Projects

# Oil & Gas

# Harweel Cluster Phase 2

EPC Contractor: Petrofac, Sharjah, Sub Contractor : Galfar

EPC for Utilities : Galfar

**USD 296 Million**



## Harweel Cluster Phase 2

**Date of Commencement:** December 2005  
**Date of Completion:** July 2010  
**Date of Production:** April 2012

## Scope of Civil Works

1. Structural Steel Work	8,153 Ton	
2. Excavation	-	81,809 m3
3. Earth Filling	-	54,794 m3
4. Cable Trench	-	85.0 km
5. GRE Flow line trench etc.	-	76,500 m
6. P . C . C.	-	3,686 m3
7. R . C . C.	-	20,870 m3
8. Concrete Paving	-	9,015 m2
9. Fencing	-	22,737 m
10. Graded Road	-	20.6 km
11. EPC of R.C.C. Building ( 5 nos.)	-	3,350 m2
12. Steel Shelters/ sun shades	-	99 nos.

## Harweel Cluster Phase 2

EPC Contractor: Petrofac, Sharjah, Sub Contractor : Galfar

EPC for Utilities : Galfar

USD 296 Million

### Scope of Mechanical Works



#### Equipment Erection

- |                     |   |           |
|---------------------|---|-----------|
| 1. Static Equipment | - | 4183 Tons |
| 2. Rotary Equipment | - | 1598 Tons |

#### Plant Piping – Field Welding

- |                              |   |                 |
|------------------------------|---|-----------------|
| 1. Carbon Steel & LTCS       | - | 77,269 Inch Dia |
| 2. Stainless Steel           | - | 26,408 Inch Dia |
| 3. CRA                       | - | 32,043 Inch Dia |
| 4. Carbon Steel Clad piping- |   | 24,584 Inch Dia |

#### Off plot Flow lines

- |                               |                             |
|-------------------------------|-----------------------------|
| 1. GRE Flow lines-            | 76 KM (120 bar op.pressure) |
| 2. Gas Injection Flow lines - | 18 KM (530 bar op. pr)      |

# Harweel Cluster Phase 2

EPC Contractor: Petrofac, Sharjah, Sub Contractor : Galfar

EPC for Utilities : Galfar

## Scope of Electrical Works

1. Transformers	-	38 Nos.
2. Elec. Cabling Length	-	1162 KM
3. 132 kV Over Head Line		79.0 km (EPC)
4. 33 kV Over Head Line	-	21.0 km
5. Lighting Fixtures	-	2,581 Nos.

**TOTAL MANMONTHS :** 4,900

**TOTAL DURATION :** 25 months

## Scope of Instrument'n Works

1. Valves	-	525 Nos.
2. Instruments	-	9500 Nos.
3. Analyzers	-	22 Nos.
4. Gas, UV/IR Detectors	-	2337 Nos.
5. Local Panel/ Cabinets	-	264 Nos.
6. Instrument Cables	-	1,134 KM
7. SS Tubing	-	40,178 m
8. Instrument Cable Tray work	-	108,300 m
9. Flow Metering Skids	-	5 Nos.

### 10. TELECOM WORKS:

a. Fibre optic cable 30 KM

**TOTAL MANMONTHS :** 4,511

**TOTAL DURATION :** 22 months

# Off-Plot Delivery Contract

Client: PDO

**USD 1422 Million**

## **Scope of Works**



## **Off Plot Delivery Contract**

**Date of Commencement: May 2005**

**Date of Completion : Aug 2014**

**Design, Procurement, Construction & Testing and pre-commissioning of**

- ✓ **Flow Lines,**
- ✓ **Pipelines,**
- ✓ **Well Hook-up,**
- ✓ **Overhead Electrical Line to Wells,**
- ✓ **Construction rig pad locations**
- ✓ **Associated Civil/Electrical / Instrumentation Installation**

**in North Oman Fields:**

- 1. Yibal,**
- 2. Qarn Alam**
- 3. Lekhwair**
- 4. Fahud,**



# Off-Plot Delivery Contract

Client: PDO

**USD 1365 Million**

**Noteworthy Achievements: From 2005 - 2012**



## Locations Handed over

- ✓ Oil Locations - 1066 nos
- ✓ Gas Locations – 172 nos

## Rig Flowlines & Integrity

- ✓ Oil Flowline Hook-up - 903 Nos
- ✓ Water Injection Flowlines – 197 Nos
- ✓ Integrity Flowlines Replacement – 617 Nos
- ✓ Integrity Hook-up Replacement – 303 Nos
- ✓ 10.3 Mil. Inch Dia. (5000 KM FL) Total welded during Contract Period

## Gas Wells Flow Line & Hook Up

- ✓ Wells Commissioned – 159 Nos
- ✓ DSS Line Welded - 182 Kms

## **Off Plot Delivery Contract**

**Date of Commencement: May 2005**

**Date of Completion : Aug 2014**



# EPC Projects under ODC

## Major EMC Type Projects: From 2005 – 2012

SL.NO.	PROJECT	TYPE	START DATE	PLANNED COMPLETION DATE	ACTUAL COMPLETION DATE	PROJECT VALUE (Million USD)
01	Musallam ILS Full Facilities Project- (QA-9 and QA-10)	PC	28-MAY-06	07-JUN-09	29-MAR-09	25.41
02	Musallim RMS	PC	01-JUN-07	15-OCT-08	15-OCT-08	11.14
03	Mabrouk Off plot Facilities Development & Mabrouk 132 KV OHL	EPC	01-AUG-07	19-JAN-10	24-OCT-09	48.38
04	Ufuq full facility Development Project	EPC	01-JUN-07	01-DEC-09	7-NOV-09	27.73
05	AHW WI facilities Development Project	PC	01-OCT-07	20-JUN-09	30-APR-09	22.54
06	Lekwair Gas Sweetening unit upgrade Project	EPC	01-JUN-07	25-AUG-10	10-JUN-10	34.20
07	Lekhwair Water Treatment and 3rd Dehydration Tank construction.	EPC	01-AUG-07	30-JAN-11	30-JAN-11	32.04
08	Lekhwair RMS-11 & LEK A South New RMS Development Project	PC	01-OCT-07	20-JUL-09	20-JUN-09	17.27
09	49 Minor projects Executed during Contract period.	EPC				122.29

**Total value of EMC Type Projects: 341 M USD**

# Qarn Alam Steam Project (EPC)

Client: PDO

USD 260 Million



## Qarn Alam Steam Project

Date of Commencement: May 2007

Date of Completion: Jan 2013

## Scope of Works

**Design, Procurement, Construction & Testing and Pre-commissioning of the following systems.**

- ✓ Hydrocarbon production wells,
- ✓ Steam Injection Wells,
- ✓ Raw water,
- ✓ Deep water,
- ✓ Aquifer systems,
- ✓ Shallow water disposal system,
- ✓ Interconnecting Pipeline system,
- ✓ Rerouting Satellite Fields Pipeline system
- ✓ Steam injection systems and
- ✓ **EPC Off plot Works**
  - 180 km of GRE pipe lines and
  - 158 km CS pipe lines.
  - 100 Kms of OHL construction.
  - 225. Kms of laying Fibre Optics
  - 653706 m3 Trenching

**Significant achievements of the project include:**

- ✓ 825 Clad pipe welding up to 24" on CS pipeline.
- ✓ PE lining for X70 Grade CS pipe up to 28".
- ✓ TK-236 coated pipe welding up to 12".
- ✓ Welding of CS pipe (24" & 28") using automatic welding machine with auto U/T.

# Nimr - G & Karim West Water Flood

## Projects (EPC)

Client: PDO

**USD 96 Million**



### **Nimr –G & Karim West Project**

**Date of Commencement: Jul 2011**

**Date of Exp. Completion: Jun 2014**

### **Scope of Works**

**Design, Procurement, Construction & Testing and Pre-commissioning of the following systems.**

- ✓ 24" CS U/G PE Lined Header Line – 5 KM
- ✓ 14" GRE U/G Sub Header Line– 13 KM
- ✓ 15 Nos Remote Manifold Station with 21 Nos MSVs
- ✓ 16 Drain Concrete Pits
- ✓ Permanent Scraper Launcher and Receiver for 24" CS-PE pipeline
- ✓ 33 KV Over Head Line – 30 KM
- ✓ Electrical Switchgear Room and Filed Auxiliary Room
- ✓ Process Automation system, Field Instruments, Control Valve, Cabling & Metering
- ✓ FOC , RTU and Gate way
- ✓ FWKO tank at NRPS – 1 No
- ✓ Emulsion transfer pumps (capacity 8500 m3/d ) – 4 Nos
- ✓ CPI separators (capacity 10000 m3/d ) – 5 Nos

# Khazaan- Makarem EWT Project

Client: BP

**USD 32 Million**

## **Scope of Works**



### **Khazaan- Makarem EWT Project**

**Date of Commencement: Feb 2009**

**Date of Completion: Feb 2011**

**The Scope of Work included:**

**Construction, Installation, Inspection, Testing, Pre-Commissioning and Commissioning assistance to the Company during Start-Up.**

**The KM EWT Project consisted of the following facilities:**

- 1. 4 nos. Sweet Gas Well Pad Facilities including Flow Metering + Utilities at the well pad to support the sweet gas well pads- including SDSS material and also 15000 psi rating piping on the well pad.**
- 2. 10" Individual Flow lines (4 Nos.) from Sweet Gas Well Pads to the Flow line Header and Flow line Header to EWT sweet gas compression facility - 18 KM**



# Khazaan- Makarem EWT Project

Client: BP

**USD 32 Million**



## **Khazaan- Makarem EWT Project**

**Date of Commencement: Feb 2009**

**Date of Completion: Feb 2011**

## **Scope of Works**

- 3. 20" Flow Line Header CS -22 KM - From well pad facilities to EWT sweet gas compression facility**
- 4. 12" Multiphase Export Pipeline – CS - From EWT Sweet Gas Compression Facility to 3rd party processing facility (SR-CPP) – 34 KM**
- 5. 4" Condensate line – CS - From EWT Sweet Gas Compression Facility to 3rd party processing facility (SR-CPP) – 34 KM**
- 6. EWT Sweet Gas Compression Facilities**
- 7. Receiving Facility at Saihrawl**

# **Civil Work Services MUK-CA-2009-0053A**

**Client: Oxy Mukhaizna**

**USD 24 Million**



## **Civil Work Services MUK-CA-2009-0053A**

**Date of Commencement: Aug 2010**

**Date of Completion: Dec 2014**

## **Scope of Works**

**The Scope of Work includes Construction of:**

- 1. Substation / control buildings**
- 2. Pipe support & Rack Foundations.**
- 3. Equipment foundations**
- 4. Sleepers & pipe supports precasting.**
- 5. Fabrication and installation of pipe rack, platforms and shed structural works**
- 6. Kitchen, laundry & dry store extension works including water, drainage, fire & electrical works.**
- 7. Ware house new building including water, drainage, fire & electrical works.**
- 8. All types of fencing works**
- 9. Duct banks & bund wall construction**

# Roads & Bridges

# Muscat Expressway Project

USD 340 Million

## Scope of Works



### Muscat Expressway Project

Date of Commencement: September 2005

Date of Completion: September 2010

The Expressway consists of:

- ✓ **6 Lanes of 54 Km Expressway**
- ✓ **13 Interchanges**
- ✓ **6 Flyovers**
- ✓ **4 Underpasses**
- ✓ **133 Box Culverts**
- ✓ **7 Tech Spans**
- ✓ **11 Roundabouts**
- ✓ **176,812 Sqm of MSE Wall**



# Muscat Expressway Project

**Flyovers  
- 6 nos**



**Interchanges—  
13 nos**





# Muscat Expressway Project



**Tech  
Span—  
7 nos**

**MSE Wall  
176,812 Sqm**



# **Bousher – Amerat Road Project**

**USD 60 Million**



## **Bousher – Amerat Road**

**Date of Commencement: July 2008**

**Date of Completion: October 2010**

## **Scope of Works**

- ✓ **14 Km dual Carriageway**
- ✓ **2 Concrete Bridges**
- ✓ **Slope Protection**
- ✓ **Cross Drainage**
- ✓ **Guard Rails & Safety Barriers**
- ✓ **Guniting Works**



# Hasik Shuwamiya Road Project

USD 288 Million



## Hasik Shuwamiya Road Project

Date of Commencement: October 2007

Date of Expected Completion: May 2014

## Scope of Works

### General Scope:

The original scope of the project is to construct about **93kms of asphalt road** between Hasik and Ash-Shuwaymiyah in North Eastern region of the Governorate of Dhofar.

### Major Items of Work:

<b>Bituminous Courses</b>	<b>: 61,891 Cum</b>
<b>Roadway Excavation to Embankment</b>	<b>: 5,315,550 Cum</b>
<b>Roadway Excavation to Waste</b>	<b>: 7,519,300 Cum</b>
<b>Structural Excavation</b>	<b>: 368,322 Cum</b>
<b>GSB &amp; ABC</b>	<b>: 242,750 Cum</b>
<b>Concrete for Bridges/Culverts/Berm</b>	<b>: 130,320 Cum</b>
<b>Concrete for R.C.C Retaining Wall</b>	<b>: 36,420 Cum</b>
<b>Reinforced Earth Wall - Alternate to RW</b>	<b>: 26,295 Sqm</b>
<b>HYSD Reinforcement</b>	<b>: 10,967 MT</b>
<b>Loose Riprap</b>	<b>: 16,895 Cum</b>
<b>Mortared Riprap</b>	<b>: 78,430 Cum</b>
<b>Guard Rail (Steel Safety Barriers)</b>	<b>: 17,519 LM</b>
<b>Concrete Safety Barriers</b>	<b>: 29,065 LM</b>

# Upgradation of Birkat- Al Mouz Sayq Road Project (Jebel Akthar )

USD 30 Million

## Scope of Works



### Jebel Akthar Road Project

Date of Commencement: April 2010

Date of Completion: Jan 2012

#### General Scope:

The complete scope of work is sub divided into Section 1 & Section 2

Section 1 ( Km 0+000 to Km 13+000 )

Section 2 ( Km 13+000 to Km 32+500 )

- Earthwork ( Excavations/Filling) at the Escape ramp locations, road widening locations & Visibility Improvement Locations
- Construction of 6 Nos of safety Escape ramps
- Construction of Additional Heavy duty and Extra Heavy duty Concrete safety barriers, additional guard rails
- Construction of Extensions of drainage structures, pipe and box culverts and utility ducts with necessary protection works
- Construction of necessary slope stabilization works at the existing hill cut locations
- Alteration of the existing alignment at 2 locations

# Buildings & Marine Infrastructure

# Ship Repair Yard & Duqm Drydock Project

Construction Project(Galfar-Daewoo Consortium)

**USD 179 Million**

## **Scope of Works**



### **Duqm Drydock Project**

**Date of Commencement:** April 2008

**Date of Completion:** June 2011

- ✓ **Ground Investigation & Civil Infrastructure**
- ✓ Two (2) Dry Docks (410m x 95m x 14.2m ) & ( 410m x 80m x 14.2m), Quays, Seawalls, crane foundations, Cofferdam, road & other pavements, drainage system & other subsidiary facilities
- ✓ **Buildings**
- ✓ 54 – Buildings - Main gate, Main Office, Production office, Restaurants, Worker's site office, Dormitory(14 Nos), Guest room, training center, Sports center, Workshops, Plant shops, Substations. Total Built-up area of all buildings = 97,986 sqm
- ✓ **All Electromechanical Works**



# Central Prison – Sumail

## Civil, MEP, HVAC and Security Sytems

USD 136 Million



### Central Prison - Sumail

Date of Commencement: December 2005

Date of Completion: March 2010

## Scope of Works

Central Prison, Sumail project comprises of civil, mechanical, electrical, HVAC, Road work and state-of-the-art sophisticated security systems.

It consists of three security zones:

1. Accommodations and other affiliated buildings are in low security area.
2. Common facilities like Central administration, Medical facility are in next level of security area.
3. Male Prison, Female prison, Juvenile prison and VIP Prison are in the high security area.

It also consists of an STP, Chiller Yard and Standby Generator Building.

It is designed for 3,000 inmates with a future capacity of 4,200 inmates.

- Total Built-up area is 103,000 sqm
- Total Concrete quantity: 85,000 cum
- Total Earthwork: 268,000 cum



# Saud Bahwan Group – Corporate Office Construction Project

**USD 80 Million**



## **Saud Bahwan Corporate Office**

**Date of Commencement:** April 2004  
**Date of Completion:** October 2009

## **Scope of Works**

- ✓ 6 Floors and Single Storied Service Compound
- ✓ **Floor Area** **136,000 Sqm**
- ✓ **Piping** **48325 m**
- ✓ **Fixtures** **2775 Nos**
- ✓ **Equipment** **385 Nos**
- ✓ **Duct** **86253 m**
- ✓ HV , LV & Earthing Cables / Electrical Fixtures /  
Electrical Equipments / CTV, MATV, SMATV, Access card,  
Music, Telephone and Computer network with cables,  
fittings and fixtures

# Bank Muscat – Head Quarter

## Construction Project

**USD 82 Million**



### **Bank Muscat Head Quarter**

**Date of Commencement:** December 2007

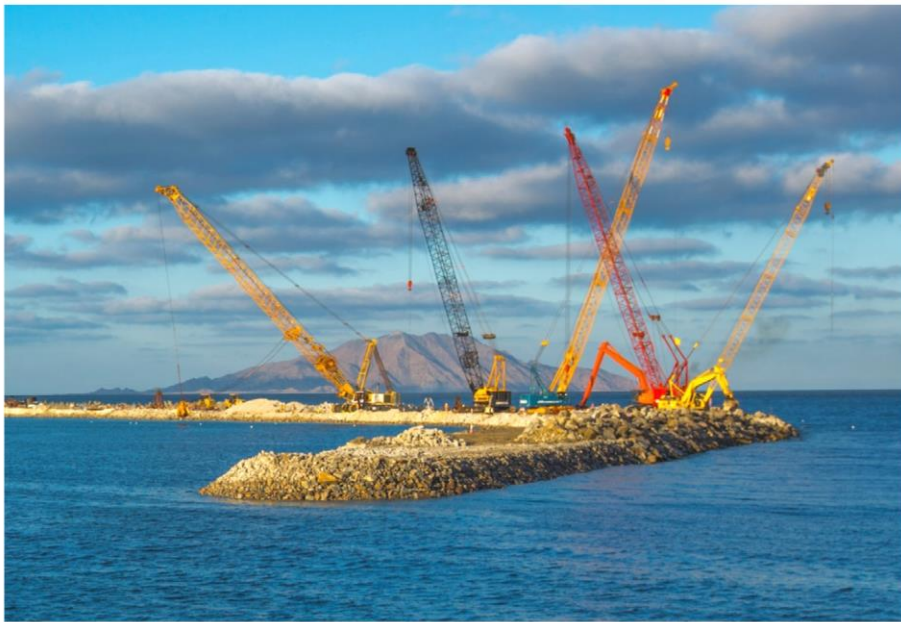
**Date of Completion:** April 2010

### **Scope of Works**

- ✓ **6 Floors**
- ✓ **Total Floor Area - 30,000 Sqm**
- ✓ **Technologies used for first time in Oman:**
  - **Terracota German tiling – 6,600 sqm**
  - **Space Frames**
  - **Placsit Rendering – 40, 000 sqm**
  - **Aluminum Screens – 14,379 sqm**
- ✓ **HV , LV & Earthing Cables / Electrical Fixtures / Electrical Equipments / CTV, MATV, SMATV, Access card, Music, Telephone and Computer network with cables, fittings and fixtures**

# Hallaniyat Island Harbour Project

**USD 101 Million**



## **Hallaniyat Harbour Project**

**Date of Commencement: September 2010**

**Date of Exp. Completion: June 2014**

## **Scope of Works**

**Mooring facilities include,**

- ✓ **Core-Loc-Armoured Rock Core Break Water s (700m & 100m), Precast Block work Quay Walls (470m) ,average weight of block 45-50 Tonnes**
- ✓ **-2m3 Corelocs 14000 Nos,-3m3 Corelocs 5000 Nos,**
- Wharves / working berths**
- ✓ **-Floating Steel Pontoon with gangway 2 Nos**
- ✓ **-Coastal Ferry Terminal,-A Ramp for Landing Craft,-**
- Revetment bund with reclamation and ancillary works**

# Khasab Port Project

USD 38 Million

## Scope of Works



- The port at Khasab involved construction of
- ✓ 400 m long quay wall 12 m deep water and
  - ✓ 2,500,000 cum dredging upto -10 CD
  - ✓ And 1.2Km long breakwater.



# Seeb Fishery Harbour Project

**USD 21 Million**



## **Seeb Fishery Harbour Project**

**Date of Commencement: October 2007**

**Date of Completion: January 2009**

## **Scope of Works**

- ✓ **Breakwater 1.6 KM**
- ✓ **Rock Fill 310,000Cum**
- ✓ **Core-Locs 16,000 nos.**
- ✓ **100 m long Quay Wall**
- ✓ **2nos. 6m x 30m Concrete Pontoons**
- ✓ **Boat Ramp.**
- ✓ **Dredging 350,000 Cum**

# Industrial Structures



# Oman Industrial Complex (Pelletizing Plant & Distribution)

**USD 48 Million**



## **Oman Industrial Complex Project**

**Date of Commencement:** December 2008

**Date of Completion:** November 2010

## **Scope of Works**

### **General Scope:**

Scope of work includes Civil works for dry grinding / palletizing plant areas & Utilities for the implementation of the Oman Industrial complex at the port of Sohar

### **Deliverables:**

<b>Piling</b>	<b>: 76,959 m</b>
Earthwork	: 153,331 Cum
<b>Rebar</b>	<b>: 8391 MT</b>
Shuttering	: 108,293 Sqm
<b>Concrete</b>	<b>: 52,200 Cum</b>
Metal Work	: 232 MT
Bituminous Coating	: 33,526 Sqm
Sheet Piling	: 332 M
Post Tensioning work	: 61 T
Deck Sheet	: 181 Sqm
132 KVA Cable Laying	: 5000M

# Sohar Fertilizer Project

Civil for Plant, EPC of Plant Buildings and Construction of Non Plant Buildings

USD 40 Million



## Sohar Fertilizer Project

Date of Commencement: February 2006

Date of Completion: February 2007

## Scope of Works

This project involves construction of civil and EPC of Plant building work including HVAC for Bulk Urea Storage and Handling Shed for Mitsubishi Heavy industries and Construction of Non Plant Buildings for Sohar Urea Industries Company.

Supply and Construction / Installation of Civil & Associated works for Fertilizer Project.

- |                                       |                        |
|---------------------------------------|------------------------|
| 1. Soil Improvement                   | 220,000 m3,            |
| 2. Piling                             | 2655 nos / 29000 lm    |
| 3. Earthwork                          | 574,000 m3,            |
| 4. GSB / ABC                          | 38,000 m3,             |
| 5. PCC / RCC                          | 73,500 m3              |
| 6. Rebar                              | 5630 tons              |
| 7. Asphalt                            | 4080 m3                |
| 8. Embedded Steels                    | 250 tons               |
| 9. Elevators                          | 2 nos (1.4x0.85x37 lm) |
| 10. HVAC System for Storage Building, |                        |
| 11. Protective Coating/Tiling         | 179,000 m2             |
| 12. Gravel Paving                     | 6700 m3                |

# Water & Sewage

# Expansion of Water Reservoirs & Transmission Facilities for Barka Desalination Plant

**USD 85 Million**



## **Water Reservoir Project**

**Date of Commencement:** August 2008  
**Date of Completion:** September 2010

## **Scope of Works**

- Construction of 1 number 130,000 cu.m storage capacity ground level reservoir
- Construction of 1 number 230,000 cu.m storage capacity ground level reservoir
- Construction of Pile foundation, including site investigations, Associated pipe work , associated expansion of existing infrastructure facilities
- Construction of 2 nos. operator's accommodation
- Electromechanical works
- Instrumentation and Control works
- **The largest Ground Water Reservoir in Oman**

# Al Suwaiq Water Distribution Project

## Detailed Design, Civil, Mech, Electrical and Inst. Project

**USD 23 Million**

### Scope of Works



### Al Suwaiq Water Distribution Project

**Date of Commencement:** November 2005  
**Date of Completion:** August 2008

Hydraulic Detailed design of major areas in excess of 200km, including design of pumps , air valve locations etc,, incl. construction of the following :

1500 cum Over water tank 42m high :	03 nos
1000 cum Over water tank 42 m high :	01 no
Admin Bldg 30mX25M :	01 no
Workshop Building 25mX20M :	01 no
Chlorination Building 20mX10M :	01 no
Pump House Building 30mX15M :	01 no
Generator Building 20mX12M :	01 no
11KV substation with Transformer :	01 no
Guard House :	03 nos

#### Pipelines:

HDPE 100mm /315mm dia 16 Bar :	267 Kms
DI pipes 300mm/600mm dia 16 bar :	041Kms

#### Equipment :

Pumps 177HP,136 KW, 440 cum/HR :	03 Nos
Generator 11KV :	01 No



# Al Ansab STP Project

Civil, Mech, Elec, Inst. and MBR Process Technology

USD 82 Million

## Scope of Works



Supply, Construction, Installation and Testing / Commissioning of

✓ **52,500 Cum/day Capacity. (52.5MLD Plant)**

✓ **Capacity Extended Aeration with MBR Technology**

**Treatment Complex.**

✓ Plot Preparation,

✓ Process RCC Tanks & Structures,

✓ Non Process Building,

✓ Process Equipments and Piping,

✓ Non Process Services,

✓ Electrical Supply and External Roads / Paths and Paving.

✓ Supply of All Process Equipments, Commissioning of Plant & Training Facility for Employer

## Al Ansab STP Project

Date of Commencement: March 2005

Date of Completion: June 2010



# A'Seeb Coastal Strip Vacuum Sewer Networks & Ancillary Works Contract 3

**USD 223 Million**



## **A'Seeb Coastal Strip Vacuum**

**Date of Commencement- Feb 2008**

**Date of Expected Completion- Jun 2014**

## **Scope of Works**

**Detailed Design, Procurement, Construction, Erection, Testing & Commissioning of a complete Vacuum & Gravity Sewerage Network.**

**Installation of HDPE Rising**

**Mains/Discharge Gravity Sewers : 36,389 m**

**Detailed Design & Construction of the Vacuum Station Building & Ancillaries : 11 Nos.**

**Installation of Manholes (HDPE Vacuum Chambers) : 4,206 Nos.**

**Installation of House Connection Chambers : 13,067 Nos.**

**Installation of HDPE Vacuum Sewers : 206 KM**

**Installation of Rider Sewers : 238 KM**

**Installation of Dry Connections : 7,052 Nos**

# Production Facilities

# Industrial Facility at Nizwa

## Overview of Fabrication Facility



**Industrial Facility at Nizwa**  
**Established in 2006**

## Projects Jobs On Going & Completed

Fabrication of Structural (Pipe Rack, Platforms , Crossovers ,Pipe supports and Sheds)  
Fabrication of Pipes (CS,LTCS,SS,DSS &SDSS) ,  
NDT,Hydrotesting ,Blasting & Painting for the following Oil & Gas Projects.

### PDO Project

- Off Plot Delivery Contract.
- Kauther Gas Plant Project.
- Saihnadha Suhaiba Depletion Compressor Project
- Design & Supply of MSV Skids.
- Qarnalam Steam Project.
- Marmul A Expansion Project.
- Al Burj Project.
- Fahud Area Gas Project.
- Nimr G & Karim West Project

### BP

- BP - Khazzan/Makarem EWT Project

### Oman Gas Company.

- Sohar GSS Project.
- Nimr Compressor Project

### Daleel Petroleum

- Daleel B' Block Facilities Project.

- U & R Stamp Approval for Coded Pressure Vessels
- Enclosed Blasting & Painting Facility approved by Ministry of Environment
- Instrumentation Lab with Calibration Facility .

# Industrial Facility at Nizwa

## Facilities Available

### Area

Total Area – 38465 Sq Mtrs

Office Area : 250 Sq Mtrs

Calibration Lab : 55 Sq Mtrs

SS/DSS/SDSS Pipe Fabrication Area : 975 Sq Mtrs

CS/LTCS Pipe Fabrication Area : 1150 Sq Mtrs

Structural/Vessel Fabrication Area : 1170 Sq Mtrs

Hydro test Area : 320 Sq Mtrs.

Material Storage Area : 4576 Sq Mtrs.

### Equipments

Rolling Machine –(Up to 36 mm thick Plate)

Air Compressors

Rectifiers

Welding Generators

SAW Welding Machines

MIG Welding Machines.

TIG Welding Machines.

Welding Rotators ( 20 ton & 10 ton)

EOT Cranes.

Lathe Machine

Radial Drilling Machine

Threading machine.

Fast Cutter

Forklift

Load all

Tool Carrier

### Manpower & Camp Facility

Senior Staff : 28 Nos

Junior Staff : 160 Nos

Nationals : 15 Nos

Camp facility available to accommodate up to 300 persons

# Industrial Facility at Nizwa

ASME 'U' & 'R' Stamp



Plate Rolling Facility



Enclosed Blasting & Painting Bay



# Facility Management Experience



# Facility Management

Projects worth USD 21 Million

We Construct, We Operate & We Manage

## ✓ Oil & Gas Facilities

✓ All Engineering discipline technicians are available throughout the oil fields of Oman to render the maintenance services since last 14 years.

## ✓ Sewage Treatment Plants

✓ When it comes to STP maintenance unrivalled Galfar is the best service provider in the industry.  
✓ Extended Aerations  
✓ SBR

## ✓ Water Supply Systems

✓ We maintain Oman's one of the biggest natural water resource. Al Massarah in Ibri are cluster of wells we maintain which almost serves the whole Dhahirah region with potable water.  
✓ A larger quarter of Muscat City water supply network is been maintained by Galfar since 30 years and this service is well known for its remarkable sporadic repairs by commoners as well.

## ✓ Desalination Plants

✓ We again reiterate our supremacy in handling a multitude of small sized plants across the length and breadth of Oman.

## ✓ Hospitals

✓ Royal Hospital in Muscat is been maintained by our team of Engineers and Technician since 14 years now.  
✓ Our team has dedicated to serve the Royal Hospital with the most advanced Building Management System & exclusive resource management system for Hospitals called Al Shifa.  
✓ Our present Hospital Management team is so well experienced that we can mentor many other junior technicians to cater the need of such hospital facilities across the globe.

A team of 700 workforce is operating & maintaining various facilities in Oman 24x7.

# Completed Projects

# Completed Projects

## Crown Plaza Hotel - Sohar



# Completed Projects

Kauther Gas Plant



Sur Sports Complex





# Completed Projects

Wadi Sarooj Dam



Dhalkut Harbour





## Project Experience - India

# Portfolio of Projects in India

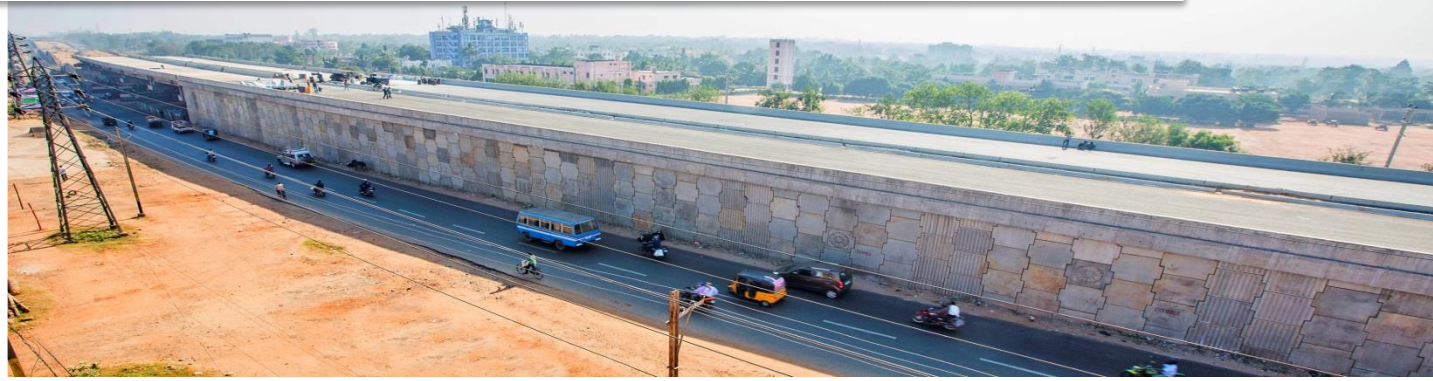
Project	Sector	Type of Contract	Value in Rs Crores	Value in Mln. USD	Actual/Expected Commissioning	Salient Features	Concession Period
Completed project							
Four Lanning of Indor- Ujjain section of SH-27	Highways	Build, Own & Transfer (BOT)	341	68.2	Dec-10	4 Laning of total 54 Km of Road.	25 Years
Projects in Hand							
Four Lanning of Ghaziabad Aligarh Section of NH-91	Highways	BOT	2019	403.8	Apr-13	4 Laning of total 126 Km Road.	24 years including Const. period
Six Laning of Chandikole- Jagatpur- Bhubaneswar Section of NH-5	Highways	BOT	1628	325.6	Mar-13	6 Laning of total 67 Km Road.	26 Years including Const. period
Two Laning of Salasar to Haryana border Section of NH-65 in Rajasthan	Highways	BOT	550	100	Jun-15	2 laning of total 154 Km Road	30 Years including Const. period
Four laning of Kashipur-Sitarganj Section of NH-74 in Uttarakhand and Uttar Pradesh	Highways	BOT	355	65	Aug-13	4 laning of total 77 Km Road	26 Years including Const. period

# Indore – Ujjain Bypass recently completed and Toll Collection Started





## Six Laning of Chandikole- Jagatpur- Bhubaneswar Section of NH-5



# Our Strengths

- 4 decades of trusted relationship with Oil Companies and Ministries in Oman.
- Proven competence in Design, Procurement, Construction, Commissioning and operations of infrastructure projects in Oil fields, harbors, hospitals, airports, etc.
- Well Qualified, Experienced and Professional Team
- Diverse Capabilities in Project Execution
- Consistent track record of project delivery.
- Strong Financial base.
- Proven Supply-Chain capacity within and out of Oman.
- One of the Largest Employers of Omani Nationals.

# Our Contributions

- Founding member of OPAL (Oman Alliance of Petroleum Companies) and Oman Society of Contractors
- Leaders in development of capacity and capability of local community contractors
- In-house Training Institute for Skill Development of Omani Nationals.



**We will appreciate your queries  
(if any)?**

# THANK YOU

Contact us at:

Corporate Head Office:

**Galfar Engineering & Contracting SAOG**

P.O. Box No 533, PC-100,  
Muscat, Sultanate of OMAN

[www.galfar.com](http://www.galfar.com)

**Mr. J. K Salvi**

Vice-President,  
Business Development & Tendering

Telephone: +968 2452 5000 / 5005

Fax: +968 2452 5226

Email: [salvi@galfar.com](mailto:salvi@galfar.com)/[galfar@omantel.net.om](mailto:galfar@omantel.net.om)