

COMPANY PROFILE



ROBT. STONE (ME) LLC

P.O. Box : 39588

Abu Dhabi, U.A.E.

Tele : +971 2 6767415

Fax : +971 2 6767943

E-Mail : contact@robtstone.ae

COMPANY PROFILE

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ENGINEERED EXCELLENCE

ROBT. STONE (ME) LLC
P.O. BOX. 39588,
ABU DHABI, UAE.
TEL: 00971 2 6767415
FAX: 00971 2 6767943



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COMPANY OVERVIEW

1.1 INTRODUCTION

ROBT.STONE (ME) LLC (RSME) is a growing EPC and Infrastructure Contractor for Pipeline and Process Plants in the Oil and Gas sector in MENA region. ROBT.STONE, a diversified company, possesses immense expertise and competence and a fleet of state-of-the-art equipment for executing any turnkey EPC / Infrastructure project from conceptual stages through execution to project delivery.

The company was established in Abu Dhabi in 2006 and has grown steadily with an outstanding reputation for its technical accomplishments. ROBT.STONE has successfully ensured on-time delivery of various projects in the region with a special focus on integrity, safety and quality standards.

Strong Professional Management team having a vision for investment in best human resources and latest technologies and equipment has pushed the growth of the company upwards in the last 10 years of its establishment in the Region.

1.2 OUR EXPERTISE

ROBT.STONE has developed considerable expertise in various disciplines of Oil & Gas industry and Infrastructure business in EPC and Construction projects in Middle East and North Africa (MENA) region over the years. Company has attained 100% Annual which highlights our professional approach towards each project and commitment of safe, quality and timely delivery which have contributed in repeated orders from our esteemed clients.

We are a diversified company having the experience, specialist skills and our own fleet of latest equipment for executing any EPC / Infrastructure project from conceptual stages to hand over.

In the field of Oil & Gas pipeline and Infrastructure construction works, major services we provide includes, but not limited to:

1. Engineering, Procurement & Construction of Pipeline and plant piping works
2. Tank Fabrication, Erection works
3. Civil and Structural works
4. Electrical, Instrumentation and Telecom works
5. HDD/NDRC works
6. Hot Tapping works
7. Fabrication works (Pressure Vessel, Skids etc.)
8. Pipeline and Plant Maintenance works

Our qualified team is well versed in the multifaceted aspect of project management. The team has access to specialist softwares with the backup of I.T support services to provide up to date reports on Project and Cost Control and Budget. We also implement MIS (Management Information System)



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which is used to track the projects for the successful execution of projects providing benefit to both Company and Customers

Our Senior Management team having more than two decades of International experiences is our core strength for sustainable growth. We believe in investment in Human Capital and have strong committed work force to take up any challenges. We speak different languages but understand local requirements of cultures and work with local knowledge. Our people are professionals in every field, site construction, safety, quality and project management which builds projects with **"Safety in heart and Minds"**.

Our team is fully aware of local requirements of working in all the Oil and Gas fields like Habshan, Buhasa, Huwaila, Bida Qamzan, Ruwais, Jebel Dhanna, Al Ain, Northern and Eastern Region in Abu Dhabi and experience of working in Oil and Gas fields in Oman and Qatar. **This gives us added advantage in the REGION to take up any kind of complex projects.**

We have a very strong Interface management team, they are fully aware of Local by Laws like Al Dhafra and Police Committees, Critical Infrastructure and Coastal Protection Authority (CICPA) permits and pass (Specially in the U.A.E and Western region), local NOC requirements which are very critical for successful and timely execution and completion of the project in this region.

To keep pace with the changing dimensions of new technologies in the field of Oil and Gas pipeline construction sector as well in Telecom and Infrastructure sector, an HDD division was incorporated for the specialized field of "Horizontal Directional Drilling" projects and has executed various projects for Oil and Gas sector in the Region.

Our HDD division having well experienced staff and latest has been instrumental in achieving fast and respectable position in HDD/NDRC sector in short span due to its Technical know how and **CAN DO** attitude.

1.3.1 **QUALITY**

At **ROBT STONE**, quality is not just a system, but a culture that covers the length and breadth of our organization. Consequently, the Quality Assurance department not only implements a system, but maintains this culture. We firmly believe that our Clients will return only if and when their expectations are fully met.

- Our Quality and HSE Functions are managed by independent team of professionals.
- Our Quality Management System is certified to **ISO 9001:2008**.
- Our regular Quality Audits critically ascertain, identify and evaluate the presence and compliance of norms specified in our Quality Manuals.
- We implement the Quality Culture and system with a Motto **"Do it Right, First time and every time"**.



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1.3.2 EOHS (Environment, Occupational Health and Safety System)

At **ROBT.STONE**, Safety is culture, we believe in executing projects with “**Safety in Hearts and Minds**”. Safety is paramount, **Safety First**, in any of our acts and decision speaks about our commitment towards safety for human life, asset and environment. We understand our social and economic responsibilities towards Environment, Occupational Health and Safety Systems and thrive to achieve the best in the same by implementing the systems.

- Our EOHS Management System is certified to **ISO 14001:2004 & BS OHSAS 18001:2007**.
- We implement Regular Auditing and Training Programs to enhance our standards of health, Safety, environment (HSE).
- We have implemented HSE Incentive Scheme to reward safe working employees.
- We encourage our employees as well as Sub-contractors / Vendors to report near misses and unsafe acts.
- Safety awareness has helped us achieve high rate safe man-hours without LTI.

Our certifications in Quality and HSE avow obligation to our motto “**Together We Achieve Success with Safety and Quality**”.

ROBT.STONE, through its technical proficiency, organizational ability, commitment to Environment, Health, Safety and Quality has won the confidence of the clients to satisfy their project requirements in an increasingly competitive market.

1.4 HUMAN RESOURCES

- A dedicated team of motivated multi skilled and multi cultural employees, ready to take any challenges in every aspect of the project.
- Our team is ready to adapt itself to the local customs and traditions of the region.
- Challenges and meeting deadlines is the passion of the TEAM ROBT.STONE.
- Our team builds relationship together with performance with Customers and local community where ever we work.
- Our team cares about values of respect, dedication, honesty and integrity.
- We are a multicultural team of **10** nationalities working hand in hand.
- Reputation of achieving the impossible and **CAN DO** culture team, records like 21.3 Km lowering of 12 Inch pipeline , 3.3km of welding and 3.6 Km of Joint coating and 4 Km stringing of 12” pipeline in one day shows our team’s **CAN DO** culture.

1.5 EQUIPMENT AND TECHNOLOGY

- We maintain a large inventory of Plant and Equipment which we keep expanding to help us keep up with the pace of new technology and thereby playing a crucial role in meeting client requirements and executing and completing projects in time.
- Our equipment pass through stringent safety checks first internally and then certified by Third parties before mobilization to any site.



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- We are well aware of Critical Infrastructure and Coastal Protection Authority (CICPA) pass requirements and most of our fleet is passed to work in Oil Field projects with valid passes (Especially in the U.A.E and Western region).
- Our long term association and agreement with local suppliers for equipment has been instrumental in provision of uninterrupted services to clients as more equipment can be mobilized in the shortest span as per the project requirements.

1.6 FACILITIES

Our In house localized facilities give added advantage for faster mobilization and maintenance of our resources.

- 70,000 m² Industrial Yard / Camp Facilities in Habshan On Buhasa Road, Abu Dhabi, UAE
- 20,000 Sq Mtr. Industrial Yard at Al Falah on Sweihan Road Abu Dhabi, U.A.E
- 144,000 m² Temporary Construction Facilities with Camp, fabrication shop at Al Dabbiya, Abu Dhabi, U.A.E
- 20,000 Sq Mtr. Fabrication Shop ICAD - Al Ain, Abu Dhabi, U.A.E

1.7 OFFICE'S

Head Office- Abu Dhabi, UAE

Robt Stone (ME) LLC

106 - Bin Awdah Tower, Near El Dorado Cinema., Electra Street
Abu Dhabi, United Arab Emirates.

P.O Box : 39588
Tel : +971 2 6767415
Fax : +971 2 6767943
Email : contact@robtstone.ae
Website : www.robtstone.ae

Projects Office – Mussafah, Abu Dhabi, UAE

Robt Stone (ME) LLC

Behind Al Safeer Mall, Mussafah
Abu Dhabi, United Arab Emirates
Tel : +971 2 5532550
Fax : +971 2 5532552
Email : contact@robtstone.ae

Branch Office – DMCC Dubai, UAE

ROBT STONE (ME) LLC

901, Fortune Tower, Jumeirah Lake Towers, Sheikh Zayed Road
Dubai, United Arab Emirates
P.O Box : 123340
Tel : +971 4 4289404
Fax : +971 4 4289403
Email : contact@robtstone.ae



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REGISTRATION DETAILS

SI No.	COMPANY
1	GASCO (Abu Dhabi Gas Industries Ltd.)
2	ADCO (Abu Dhabi Company for Onshore Oil operations)
3	ADNOC (Abu Dhabi National Oil Company) - Distribution
4	ADNOC (Abu Dhabi National Oil Company) - Main
5	TAKREER (Abu Dhabi Oil Refining Company)
6	ADGAS (Abu Dhabi Gas Liquefaction Ltd.)
7	ZADCO (Zakum Development Company)
8	BOROUGE
9	ADPC (Abu Dhabi Ports Company)
10	ADWEA (Abu Dhabi Water & Electricity Authority)
11	FERTIL (Ruwais Fertilizer Industries)
12	EMARAT
13	DUSUP (Dubai Supply Authority)
14	DUBAL (Dubai Aluminum)

To : ROBT. STONE(ME) -LLC Fax No : 0097126767943
From : Ahmed Saeed Al Zaabi Fax No : 6037022
Head, Supply Chain Management Support Department Tel No : 6037442
Subject : Registration and Pre-qualification as Contractor

Please be informed that based on the pre-qualification documents submitted your company name has been included in our list of pre-qualified Contractors for the following service(s):

- ◆ OIL & GAS PLANTS / FACILITIES - CONSTRUCTION WORKS
- ◆ PIPELINES: TIE - INS WORKS / HOT TAPS
- ◆ PIPELINES CONSTRUCTION - ONSHORE
- ◆ FENCING AND GATES CONSTRUCTION
- ◆ PIPING & SPOOLS (STEEL) - FABRICATION / INSTALLATION / REPAIRS / RENEWAL
- ◆ PIPELINE MAINTENANCE SERVICES - ONSHORE
- ◆ METERING SYSTEMS AND PROVER LOOP - MAINTENANCE
- ◆ PRESSURE REGULATING STATIONS - MAINTENANCE
- ◆ BLASTING & PAINTING - TANKS, VESSELS, COLUMNS, PIPING-ETC.
- ◆ NATURAL GAS, SYNTHETIC (SNG) : INSTALLATION AND MODIFICATION
- ◆ NATURAL GAS, COMPRESSED (CNG) : PACKAGED INSTALLATIONS
- ◆ NATURAL GAS PIPE WORKS : INSTALLATION AND MODIFICATION
- ◆ NATURAL GAS NETWORK - EPC WORKS (STEEL/ PE SYSTEMS)
- ◆ DIRECTIONAL & HORIZONTAL DRILLING SERVICES

You are advised to quote your company **Registration No. 905026** in all future correspondence.

For any future update of your Company record, please log on to our e-Registration system using the following path:

www.gasco.ae-> e-Services -> e-Registration and following the 2 stages:

1. Request [to be accessed by clicking - [Click here](#)]
2. Application [Log in using user ID & Password received upon acceptance of the request]

Regards,



Ahmed Saeed Al Zaabi
Head, Supply Chain Management Support Department

The GASCO, HSE Policy has three Strategic Objectives:

- ◆ No harm to People
- ◆ Protect the Environment
- ◆ Improve Asset Integrity

Confidentiality Notice: The material in this fax may be confidential. If you are not the intended recipient, please notify us immediately. You should not copy the fax or use it for any purpose or disclose its contents to any other person. Thank you



**Abu Dhabi Company for Onshore Petroleum Operations Ltd.(ADCO)
(ADCO)**

ROBT STONE (ME) - LLC

P.O. Box No. 39588

City ABU DHABI

Country AE

Tel: 6767415

Fax: 6767943

E-mail manu@robtstone.ae

ADCO Reg.No. 14887

Contractor (PRE-QUALIFIED)

<u>License Name</u>	<u>Issue Date</u>	<u>Expiry Date</u>		
DEDL	23/02/2016		22/02/2017	
ADCCI	28/02/2016		22/02/2017	

<u>Owner/ Sponsor</u>	<u>OwType</u>	<u>(%) Holding</u>	<u>Nationality</u>	<u>Country</u>
FARIS SARI AHMED ESSA AL MAZROUEI	P	51	AE	United Arab Emirates
RENU MADAN	O	10	NZ	United Arab Emirates
ROBT STONE (HK) LIMITED	O	19	HK	United Arab Emirates
VIJAY KUMAR MADAN	O	20	NZ	United Arab Emirates

Contractor Details

Status

210100	Pipelines Onshore - Epc	Q
230190	Tunneling / Non - Destructive Road Crossings (Ndrc)	Q
240180	Oil & Gas Plant / Projects - Construction Works (Me & I)	Q
250060	Flowlines & Wellhead Installation Works	Q
250130	Pipelines: Tie - Ins Works / Hot Taps	Q
250160	Pipelines Construction - Onshore	Q
570200	Welding and Pipeline Maintenance Services	Q



Commercial Support Manager

Legends:

Agency Type: AGNT-Agent, CSA-Certified Sole Agent, DSTR - Distributer, DSTR - Stockiest

Pre-Qual Status: F - Disqualified, N - Not Rated, O - Ordered, Q - Pre-Qualified, R - Rejected, E - Under Assessment

Date: 10-Mar-16



FAX MESSAGE

Ref: PCDM/ 49 /CR-11	Date: 30-05-2011	Total No. of Pages Including Cover: (1)
To: M/S ROBT. STONE (ME) LLC		
Attn: MR V.K. MADAN MANAGING DIRECTOR		Fax No.: 02-6767943 Tel No.: 02-6767415
From: Procurement & Contracting Division Manager		Fax No: 02- 6724544
Subject	Registration & Pre-qualification Status as Contractor	

With reference to your e-Registration Application ID # 2726, please be informed that your company is now included in our pre-qualified Contractors Database for the following services:

Work group ID	Work Group Description
240100	OIL & GAS PLANTS - ERECTION
250065	PIPELINES - TIE - INS
250080	PIPELINES - CONSTRUCTION - ONSHORE
331100	PIPING & SPOOLS (STEEL) - FABRICATION/INSTALLATION/REPAIRS/RENEWAL

You are advised to quote your **Supplier Code: 8595-MAXIMO** in all future correspondence.

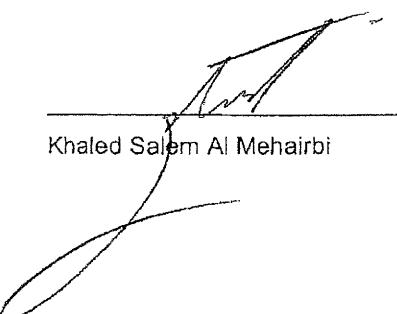
For the future update of your company records, please log on to our e-registrations system using the following path:

<http://www.adnoc-dist.ae>, → Customers & Suppliers Login → E-Registration, and in the following two steps:

1. Request: to be accessed by clicking – [Click here](#)
2. Application: Log in using user ID & Password received upon acceptance of the request.

Also, please be advised that this registration carries no obligation on Adnoc Distribution part to select your company for inclusion into our bid process unless considered prequalified for the relevant tender/bid which shall be decided at the sole discretion of Adnoc Distribution.

We value your partnership and look forward to achieving a successful business.


Khaled Salem Al Mehairbi

FACSIMILE MESSAGE

To : M/S. ROBT. STONE(ME)-LLC
Attn.: General Manager

Fax No.: 009712 6767943
Abu Dhabi

From : Procurement Support Department, Procurement Services Division, Shared Services Directorate
Abu Dhabi National Oil Company (ADNOC)
P.O. Box 898 - Tel. (9712) 6020000 Abu Dhabi U.A.E.

Fax No.: 009712 6024264

Ref. No. : PS/OP/15 **Date :** 23 APR 2015
Subject : REGISTRATION & PRE-QUALIFICATION STATUS

Please be informed that based on the evaluation of the pre-qualification documents submitted, your company **M/S. ROBT. STONE(ME)-LLC.**, has been included in our list of Pre-qualified Contractors for the following services:

1. PIPELINES ONSHORE – EPC
2. HORIZONTAL DIRECTION DRILLING “HDD”
3. OIL & GAS PLANTS – ERECTION
4. PIPELINES – TIE-INS
5. PIPELINES CONSTRUCTION – ONSHORE

Please note that, at the time of release of enquiries, a further short listing takes place based on exhibited interest at that time and the specifics of scope of work in question as the need may be.

You are advised to quote your Registration No. **908919** in all future correspondence.

In order to maintain the name of your company in the ADNOC records, it is essential that you submit regularly, copies of the following documents once they are renewed:

AA: 1. *Commercial Licences, issued by Department of Economic Development*
2. *Membership Certificate, issued by Abu Dhabi Chamber of Commerce & Industry*
3. *Contractors/Consultants Classification Certificate, issued by Department of Economic Development (if available)*

BB: New Business activity subject to inclusion in the license.

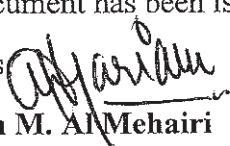
CC: Updated Work experience for new work groups.

Note: *Repeated failure to respond to Tender Enquiries / Request for Quotations (RFQ) after expressing interest to participate will lead to 6 months suspension of invitations.*

For any clarifications in this regard, please do not hesitate to contact **Ms. Abier Ahmed – Registration Coordinator @ Email: amahmed@adnoc.ae**.

This document has been issued for the intended addressee without any liability on ADNOC's part.

Regards


Mariam M. AlMehairi

Head, Procurement Support Department

If you **do not receive** all the pages, please call Telephone: 6023081 **No. of pages to follow:**

Confidentiality Notice: This fax is Confidential. If you are not the intended recipient, please notify us immediately. You should not copy the Fax or use it for any purpose or disclose its contents to any other person. Thank you.



FROM FSD TAKREER U46340813

TO 6767943

P.001/001

دیر
TAKREER
شركة أبوظبي لتنمية النفط

We Refine Right

FACSIMILE MESSAGE

To : M/s. Robt. Stone (ME) - LLC.
Attn.: General Manager

Fax No.: 6767943
Abu Dhabi

From : Vendor Management Department Manager
Procurement Support Division

Fax No.: 6027223

Abu Dhabi Oil Refining Company (TAKREER)
P.O. Box 3593 - Tel. (9712) 6027000 - Abu Dhabi, U.A.E.

Ref. No. : TKR/26/V-SAS-CND/1328/2016

Date :

Subject : REGISTRATION & PRE-QUALIFICATION STATUS

16 OCT 2016

This has reference to your update of services request submitted to us, please be informed that based on evaluation of such documents, the registration Status of your company M/s. Robt. Stone (ME) - LLC., has been updated in TAKREER's list of *Pre-qualified Contractors* for the following service:

- Dismantling
- Hot Tapping Works
- Oil & Gas Plants - Erection
- Fencing And Gates Construction
- Pipelines Construction - Onshore
- Cathodic Protection Systems Maintenance
- Horizontal Directional Drilling "HDD" Works
- Tanks - Overhaul Including Cleaning, Inspection, Repairs Etc.

At the time of release of enquiries, a further short listing takes place based on exhibited interest at that time and the specifics of scope of work in question as the need may be.

Kindly note that this fax shows your company's current Registration & Prequalification status with TAKREER and it supersedes any and all previous faxes which may have been issued to you on this subject.

You are advised to quote your Registration No. 905309 in all future correspondence.

In order to maintain the name of your company in TAKREER records, it is essential that you forward to us regularly copies of the licenses once they are renewed.

In addition, any changes to your contacts information should be notified immediately to the undersigned.

Regards,

Samiha

Samiha Saeed Al Hajri

If you do not receive all the pages,
please call Telephone : (9712) 6077205

No. of pages to follow:

Confidentiality Notice: This fax is Confidential. If you are not the intended recipient, please notify us immediately. You should not copy the Fax or use it for any purpose or disclose its contents to any other person. Thank you.
SASH/CND/DAS

905309-qualcont-update-NS

TOTAL P.001

Facsimile Message



Ref : AD.128/302
Date : 26 August 2015

ROBT STONE (ME) LLC
Vendor Registration CIS: 1174
Fax No. 02-6767943

Total Pages: 1

Attention: Mr. V MADAN – CHAIRMAN AND MANAGING DIRECTOR

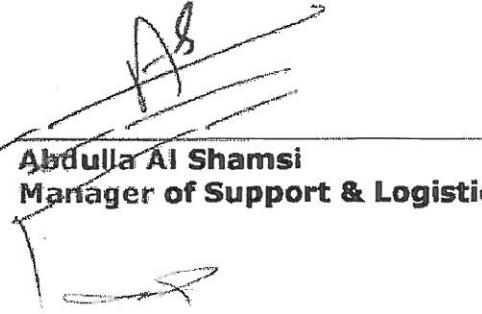
SUBJECT: Prequalification for Update Contractor:

With reference to your Prequalification request of M/s, ROBT STONE (ME) LLC, please note that The Prequalification Committee approved to update your profile and to include you in ADGAS Commercial Directory as prequalified source for the following work group(s):

Work Code	Description
210100	PIPELINES ONSHORE - EPC
240180	OIL & GAS PLANTS / FACILITIES - CONSTRUCTION WORKS
250130	PIPELINES: TIE - INS WORKS / HOT TAPS

The inclusion of your name in ADGAS Commercial Directory does not constitute an obligation on ADGAS to invite you to bid in any of the future tenders / enquiries, and may require additional pre-qualification, depending on the nature of the tenders / enquiries. Furthermore, to maintain the name of your company at ADGAS Commercial Directory, it is essential to send copies of the following documents on regular basis:

1. Municipality license.
2. Chamber of Commerce and Industry membership certificate.
3. Commercial Registration Certificate (Ministry of Economy) and
4. Agency certificate(s) and Agreement(s) where applicable.


Abdulla Al Shamsi
Manager of Support & Logistics Services

Fax

To **V.K. MADAN, MANAGING DIRECTOR**
Company **M/s. ROBT. STONE (ME) LLC**
Fax no. **02 5532552**
From **Procurement Strategy Department Manager**
Date **13th February, 2012**
Ref. No. **PRC/2012/0317**
Subject **M/s. ROBT. STONE (ME) LLC – Registration & prequalification**
Total pages **1**

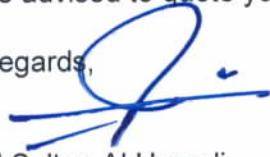
This has reference to your documents sent to BOROUGE and based on GASCO approval letter, please be informed that your company **M/s. ROBT. STONE (ME) LLC** is registered in Borough Commercial Directory, as a Contractor for the following service(s):

- PIPELINES ONSHORE – EPC
- DISMANTLING/DEMOLITION & REMOVAL (MECHAN
- HOT TAPPING
- PIPELINES TIE-INS WORKS
- OIL & GAS ONSHORE – EPC
- CATHODIC PROTECTION SYSTEMS MAINT.
- PIPELINE INSTALLATION
- FABRICATION OF SKID MOUNTED PACKAGES (PIPING)
- PIPELINES CONSTRUCTION – ONSHORE
- MECHANICAL EQUIPMENTS – ERECTION
- FENCING

Please note that at the time of release of enquires, a short listing takes place based on the specific scope of requirements. Also, you are responsible to provide any updated information related to your company (i.e. licenses renewal, change of address, telephone, fax, E-mail, contact persons and experiences). BOROUGE shall not be held responsible for any impact on your dealing with us if the above requested information is not furnished.

You are advised to quote your Registration No. **135312** in all your future correspondences.

Best Regards,



Ahmed Sultan Al Hameli

Hb [ROBT. STONE (ME) LLC – Registration & prequalification]

Abu Dhabi Polymers Co. Ltd.

Sheikh Khalifa Energy Complex | Borouge Tower | Corniche Road | P.O. Box 6925 | Abu Dhabi | UAE.

Tel +971 2 6070 300 | Fax +971 2 6070 399 | www.borouge.com

Borouge is part of the ADNOC and Borealis group of companies





Al-Jada'a Al-Ummah
Abu Dhabi Water & Electricity Authority

Company Name : ROBT STONE (ME) LLC

Fax:0097126767943

Attention : VK MADAN

Registration Number : 9910876

Date : 16 SEP 2014

Subject : Pre-Qualification Status

We have pleasure to inform you that M/s. ROBT STONE (ME) LLC, United Arab Emirates, Code No. 9910876, has been pre-qualified as a possible source to supply of the following services, which has been rated as per the schedule below:

S.No	WG Criteria	WG No.	WG Description	Current Status	Remarks
1	CS	3101860	HORIZONTAL DIRECTIONAL DRILLING HDD	VERY GOOD	App. by MPQC/16/1427/2014 dated 01/09/14

The above decision is valid until 01-Sep-2019, However you have to maintain and update your company records in ADWEA Commercial directory to avoid any inactivation due to such. These record shall be maintained and updated through e-registration system and shall include but not limited to the following documents once they are renewed.

1. Respective licenses
2. Agency certificates and Agreements where applicable
3. Any other changes in your address, contact person, owners/sponsors etc.

Please note that at the time of release of enquiries, a further short listing takes place based on exhibited interest at that time and the specifics of material/equipment in question as needed.

You are advised to quote your registration No.(9910876) in all future correspondence.

Regards,



Alia Ahmed Al Khadra
Supply Department Manager

Cc: Company Registration Section

Cc: End Users



CS:VERY GOOD: > 10M, GOOD: 3M-10M, AVERAGE: 1M-2.5M, BELOW AVERAGE: 25K-0.99M

ROBT. STONE (ME) LLC	
DISTRIBUTION	
NAME	3
MD	/
RM	Amit K
PM	/
ADMIN	
A/C	
EST	
HSE	
QA/QC	
SITE	
FILE	/
Manu	/
P. Com	/
A-ACTION	INFO

Deepak

Unknown

From: supplysupport@adwea.gov.ae
Sent: Wednesday, March 07, 2007 12:06 PM
To: r_stone@emirates.net.ae
Cc: supplysupport@adwea.gov.ae
Subject: Approval of your Application/Questionnaire ID 3349 for Updating as CONTRACTOR.

Please be informed that based on the evaluation of submitted updating Application, your company name has been included in our list of registered contractors only for the following services:

Work Group ID	W. G. Description
2400050	PIPELINE CONSTRUCTION AND ASSOCIATED WORKS

Please note that at the time of release of enquiries, a further short listing takes place based on the specific scope of work.

You are advised to quote your Registration No. 9910876 in all future correspondence.

egards,

HEAD, SUPPLY SUPPORT DEPARTMENT
ADWEA

Unknown

From: supplysupport@adwea.gov.ae
Sent: Tuesday, January 16, 2007 10:50 AM
To: r_stone@emirates.net.ae
Cc: supplysupport@adwea.gov.ae
Subject: Approval of your Application/Questionnaire ID 3179 for Registration as CONTRACTOR.

Please be informed that based on the evaluation of submitted Application, your company name has been included in our list of registered contractors for the following services:

Work Group ID	W. G. Description
2300050	PLANT MAJOR MECHANICAL WORKS

Please note that at the time of release of enquiries, a further short listing takes place based on the specific scope of work.

You are advised to quote your Registration No. 9910876 in all future correspondence.

Regards,

HEAD, SUPPLY SUPPORT DEPARTMENT
ADWEA



شركة رعايات الاسمنت بالرويس (فرتيل)
RUWAIS FERTILIZER INDUSTRIES (FERTIL)

FACSIMILE TRANSMITTAL

P.O.BOX 2288, TEL: 971 2 602 1111, FAX: 971 2 6728084, ABU DHABI, UNITED ARAB EMIRATES

FROM		TO	
Div	PROCUREMENT DIVISION	Company	ROBT. STONE(ME) LLC
Contact	NUJOOD MABKHOOT AL BRAIKI	Attention	General Manager
Email	a.nujood@fertil.com	Fax No	0097126767943
Date	26-Apr-2015	Contact	DEEPAK MEHRA
Subject	Registration and Pre-qualification as CONTRACTOR		

We are please to inform you that your company is currently registered and updated in our Commercial Directory as a registered CONTRACTOR under the supplier Code # (909189) for the following list of Work Group:

- >> PIPELINES ONSHORE - EPC
- >> HORIZONTAL DIRECTIONAL DRILLING "HDD" WORKS
- >> PIPELINES CONSTRUCTION - ONSHORE
- >> HOT TAPPING WORKS

To ensure better cooperation, please notify the above mentioned personnel immediately for any changes to your contacts, legal status and capabilities.

Also, please be advised that this registration carries no obligation on Fertil part to select your company for inclusion into our bid process unless considered pre-qualified for the relevant tender/bid which shall be decided at the sole discretion of Fertil.

We value your partnership and look forward to achieving a successful business relationship.

Best Regards,

KHALID A. KHALIFA
VP, PROCUREMENT

This Fax is intended for the sole use of the individual and entity to whom it is addressed and may contain information that is confidential. Use, duplication or disclosure of contents other than the Intended purpose is strictly prohibited. Thank you.

26/4/15

M/s Robt. Stone M.E LLC
P.O.BOX 39588
ABU DHABI

Tel No. 02-6767415 Fax No. 02-6767943

Ref: Vendor1130
Date 06 March. 2011

Dear Sirs,

VENDOR REGISTRATION

We refer to your request vide Form No. 1130 for evaluation and registration in our Approval List of contractors, and wish to advise that you have been registered for jobs in the following Categories/Group (s).

3.2	Medium/Small Fabrication & Erection	Group A
3.3	Pipelines & Instrumentation	Group A
3.4	Manufacture of Underground	Group A
3.6	Electro-Mechanical Works	Group A
3.7	Filling Station Forecourt Piping works	Group A
4.1	(iii) Filling Station Repairs/modifications	Group A
	(iv) Underground Tank Installation	Group A
5.10	Fence Supply & Installation	Group A

Tender invitations will be sent to you as and when Tenders are floated for appropriate jobs, only in the above mentioned categories for which you have been registered.

We take this opportunity to thank you for your interest in this corporation.

Your faithfully


SECRETARY TENDER COMMITTEE

Manughosh Suresh

From: Jibu Jose [jibu.jose@dusup.ae]
Sent: Wednesday, July 16, 2014 2:29 PM
To: Manughosh Suresh
Cc: vkmadan@robtstone.ae
Subject: PQ Ref. No. D00433 : Prequalification (PQ) with Dubai Supply Authority (DUSUP)

Manu,

This is to inform that Robt.Stone has been successfully completed the Pre-Qualification process with DUSUP under ref No.:D00433 for the category "Pipeline/Plant Construction Works".

Regards,

Jibu Jose
Contracts Engineer
Dubai Supply Authority

PO Box 8144, Dubai - U.A.E.
Tel: +971 4 3012665 | +971 4 3432222
Mobile: +971 50 8341912

From: Manughosh Suresh [<mailto:manu@robtstone.ae>]
Sent: Monday, February 24, 2014 5:04 PM
To: Jibu Jose
Cc: vkmadan@robtstone.ae; dipesh@robtstone.ae; prakash.jaison@robtstone.ae; nevin@overseaspipeline.com
Subject: RE: PQ Ref. No. D00273 : Prequalification (PQ) Revalidation Request from Dubai Supply Authority (DUSUP)

Dear Sir,

Please find the pre-qualification documents attached herewith as requested in the Trail mail. Should you require further clarifications , please don't hesitate to contact us.

Thanks & Regards,



ROBT STONE (ME) LLC
PO Box : 39588
Abu Dhabi, U.A.E
www.robtstone.ae

Manughosh Suresh
Business Development Engineer

Mobile : +971 556165925
Tele : +971 2 6767 415
Fax : +971 2 6767 943
E-Mail : manu@robtstone.ae

Date : October 13, 2010
Our Ref : AZA/um/905/10.2010

Robt. Stone (ME) LLC
P.O.Box 39588
Dubai
United Arab Emirates
Tel: 02 - 6767415 Fax 02 - 6767943

Attn: Mr. Shyam C. Sudhir

Dear Sir,

SUB : REGISTRATION AS APPROVED VENDOR TO DUBAL

Further to your recent application for registration as an approved vendor to DUBAL, we are pleased to confirm that you have been registered as an approved vendor for ::

• Heavy structural fabrication and erection	• Construction of cross country oil & gas pipelines and associated facilities
• Light fabrication and erection	• Process plant installation
• Specialist welding	• Plant critical shutdown and maintenance
• Major civil work	• Hook up and commissioning
• Minor civil work	• Hot Tapping
• Pipe installation	• CNG Compressor stations
• Concrete repairs	• NGV filling stations
• Pipeline cleaning	• Well Head installations etc.

You will be invited to bid when enquiries are issued, which DUBAL considers you are most suited to provide.

We look forward to a long and mutually rewarding business relationship.

Yours faithfully,
for **DUBAI ALUMINIUM COMPANY LIMITED**

A. A. Abdulaziz
Manager – Purchasing, General Materials

SP/TSK.04.F08

Manughosh Suresh

From: Robt Stone (ME) LLC [contact@robtstone.ae]
Sent: Sunday, January 20, 2013 9:55 AM
To: vkmadan@robtstone.ae; dipesh@robtstone.ae; 'Manughosh Suresh'; 'Prithwik Karuppali'; 'Prakash Jaison'; 'nevin'; jamsheer@sunriseuae.com
Subject: FW: Registration with ZADCO

Dear All,

This is for your information and action.

Best Regards,

Robt. Stone (ME) LLC

Tele : +971 2 6767 415 | Fax : +971 2 6767 943

P.O. Box : 39588 | E-Mail : contact@robtstone.ae

Website : www.robtstone.ae

Abu Dhabi, United Arab Emirates

From: Essam Mahmoud Daher (ZADCO CMDS) [<mailto:EMDaher@zadco.ae>]

Sent: Sunday, January 20, 2013 9:46 AM

To: 'contact@robtstone.ae'

Subject: Registration with ZADCO

Good morning;

Registration with ZADCO as mentioned below.

Regards

Essam Mahmoud

PQ Engineer – 02/6051138

050/5702477



375020

NATURAL GAS PIPE WORKS: INSTALLATION AND
MODIFICATION

375045

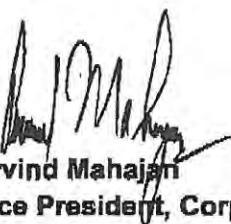
NATURAL GAS NETWORKS – EPC WORKS (STEEL / PE
SYSTEMS)

Your pre-qualified status for the above shall be valid so long as you continue to be registered and pre-qualified with GASCO and shall automatically be invalid the moment you cease to be registered and prequalified with GASCO.

3. Please be advised that the registration and/or prequalification by ADPC is a general prequalification. ADPC may require you to submit further prequalification documents before considering for a specific tender.
4. Please be advised that your registration and/or prequalification with GASCO and/or ADPC do not impose any obligation on ADPC to invite you for any tender. ADPC shall have the absolute right to select bidders at its sole discretion without assigning any reasons.

We thank you for interest in working for ADPC and wish you success.

Yours faithfully,



Arvind Mahajan
Vice President, Corporate Procurement



ROBT-STONE (ME) LLC - (101102)

Phone: 0097126767415 - Fax: 0097126767943

Contact: V.K. MADAN - Email: contact@robtstone.ae

MLCAS_P

A

Work Group	Description	Associate Code	Associate Name	MLCAS_C	Associate Type	Status
WG210100	PIPELINES ONSHORE-EPC					NOTEVAL
WG230140	SITE PREPARATION WORKS					NOTEVAL
WG250130	PIPELINES: TIE-INS WORKS/HOT TAPS					NOTEVAL
WG250160	PIPELINES CONSTRUCTION-ONSHORE					NOTEVAL
WG260020	CATHODIC PROTECTION SYSTEMS WORKS (SUPPLY AND INSTALLATION)					NOTEVAL
WG310160	FENCING AND GATES CONSTRUCTION					NOTEVAL
WG331020	HOT TAPPING WORKS					NOTEVAL
WG331070	PIPING AND SPOOLS (STEEL)- FABRICATION/INSTALLATION/REPAIRS/RENEWAL					NOTEVAL
WG374080	DISMANTLING					NOTEVAL



FACSIMILE MESSAGE

To : M/S. ROBT. STONE
Attn.: General Manager

Fax No.: 009712 6767943
Abu Dhabi

From : Procurement Support Department, Procurement Services Division, Shared Services Directorate

Fax No.: 009712 6024264

Abu Dhabi National Oil Company (ADNOC)
P.O. Box 898 - Tel. (9712) 6020000 Abu Dhabi U.A.E.

Ref. No. : PS/0035/14

Date : 6 MAR 2014

Subject : REGISTRATION & PRE-QUALIFICATION STATUS

Please be advised that based on evaluation of your documents, your company "M/S ROBT. STONE" has been included in our list of Pre-qualified Contractors for the following services:

1. OIL & GAS PLANTS – ERECTION
2. PIPELINES – TIE-INS
3. PIPELINES CONSTRUCTION – ONSHORE

Please note that at the time of release of enquiries, a further short listing takes place based on exhibited interest at that time and the specifics of scope of work in question as the need may be.

You are advised to quote your Registration No. 908919 in all future correspondence.

In order to maintain the name of your company in ADNOC records, it is essential that you forward to us regularly, copies of the following documents once they are renewed:

AA: 1. Commercial Licences
2. Chamber of Commerce & Industry Licence
3. Contractors/Consultants Classification Certificate (if available)

BB: New Business activity subject to inclusion in the license.

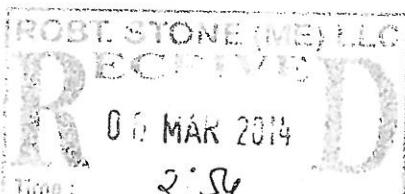
For any clarifications in this regard, please do not hesitate to contact Mr. Gabriel Raul – Sr. Registration Coordinator @ Tel. No. 02-6024219.

This document has been issued for the intended addressee without any liability on ADNOC's part.

Regards,

Rashed H. Al Suwaidi

Head, Procurement Support Department



If you do not receive all the pages, please call Telephone: 6023000. No. of pages to follow:

Confidentiality Notice: This fax is Confidential. If you are not the intended recipient, please notify us immediately. You should not copy the Fax or use it for any purpose or disclose its contents to any other person. Thank you.

ROBT. STONE (ME) LLC		
DISTRIBUTION		
NAME	A	I
MD		/
RM		/
PM		/
ADMIN		
A/C		
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ENGINEERED EXCELLENCE

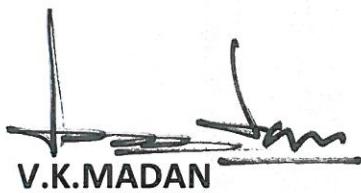
VISION/MISSION/CORE VALUES

SI No.	ATTACHMENTS
1	VISION STATEMENT
2	MISSION STATEMENT
3	CORE VALUES



VISION STATEMENT

To be a preferred EPC Company in the Middle East and North Africa (MENA) Region by providing best Engineering, Procurement and Construction solutions with best of Safety and Quality to our valuable customers for sustainable development with a "CAN DO" attitude and execution excellence.

A handwritten signature in black ink, appearing to read "V.K. MADAN".

CHAIRMAN AND MANAGING DIRECTOR
ROBT.STONE (ME) LLC



MISSION STATEMENT

To be recognized as dependable partner by providing, high quality services within budgeted cost and having safety in hearts and minds whatever we do.

A handwritten signature in black ink, appearing to read "V.K. MADAN".

CHAIRMAN AND MANAGING DIRECTOR
ROBT.STONE (ME) LLC



CORE VALUES

Integrity

We work with fair and honest decisions in every aspect of our business. We work with transparent financial and intellectual integrity in this competitive environment with highest professionalism.

Respect

We believe in fair, open and respectful treatment to all within and outside our working dimensional sphere. We care for our people and respect the cultures where we work.

Speed

Speed with accuracy is the essence of our work. We like to take challenges and deliver to best of our abilities with innovative solution to meet deadlines, with optimum use of resources within budgeted cost.

Commitment

We are accountable to our commitments, action and decisions for our team and as a corporate we take responsibility of quality and timely completion of works.

Passion

Our team works with passion and we encourage out of the box thinking to share new ideas and build the processes for better organizational growth.



V.K. MADAN

CHAIRMAN AND MANAGING DIRECTOR
ROBT.STONE (ME) LLC



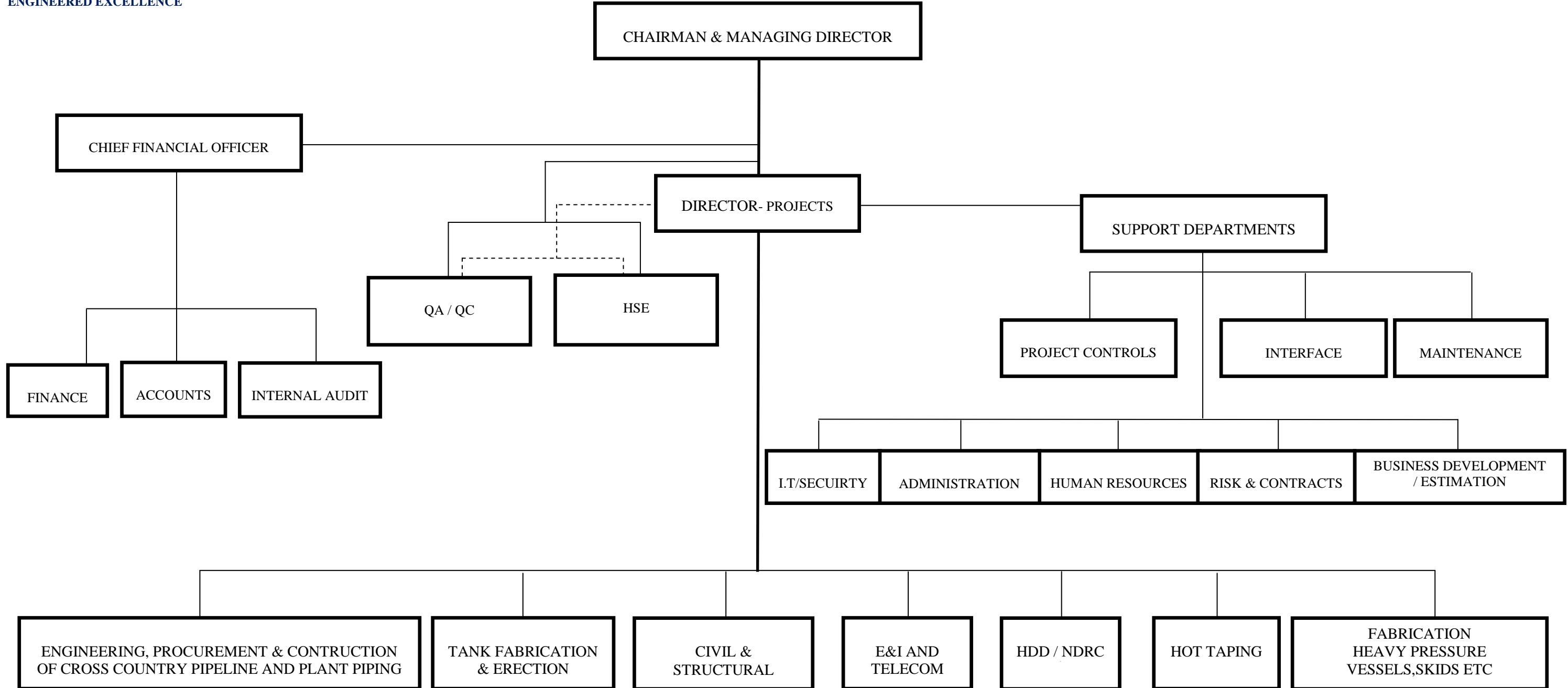
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COMPANY ORGANISATION STRUCTURE

SI No.	DESCRIPTION
1	Organization Chart
2	Services



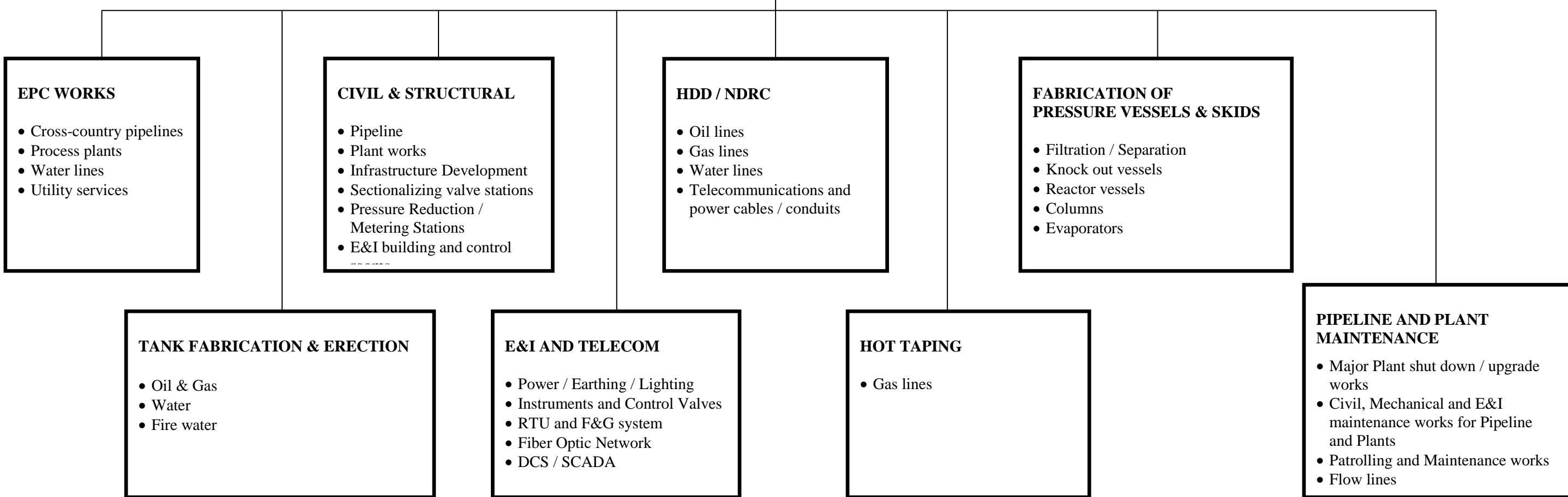
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ROBT.STONE (ME) LLC





ENGINEERED EXCELLENCE

SERVICES OFFERED

ROBT.STONE is committed to provide reliable and professional services to all major Oil & Gas operating companies and Infrastructure Developers in the region with utmost priority of Quality, Safety and Care to the Environment.

Why We, Our key success factors are:

- Own fleet of equipment in the region.
- Experienced locally mobilized Human Capital, Senior Management having more than two decades of International experience in Oil and Gas and Infrastructure projects.
- Awareness of Local requirements of working in the Oil and Gas fields in the region Habshan, Buhasa, Huwaila, Bida Qamzan, Ruwais, Jebel Dhanna, Al Ain, Northern and Eastern Region in Abu Dhabi and experience of working in Oil and Gas fields in Oman and Qatar.
- Well maintained Quality Control and EOHS (Environment and Occupational Health and Safety) System striving for constant improvements.
- In house expertise of specialized activities such as Hot Tapping, HDD (Horizontal Directional Drilling) etc.

We offer following services:

1. Engineering, Procurement & Construction of Pipeline and plant piping works.
2. Tank Fabrication, Erection works.
3. Civil and Structural works.
4. Electrical, Instrumentation and Telecom works.
5. HDD/NDRC works.
6. Hot Tapping works.
7. Fabrication works (Pressure Vessel, Skids etc).
8. Pipeline and Plant Maintenance works.



ENGINEERED EXCELLENCE

1.0 EPC (ENGINEERING PROCUREMENT AND CONSTRUCTION) – CROSS COUNTRY PIPELINE AND PLANT PIPING

We provide solutions for EPC execution with multi-disciplinary, highly-skilled resources with local collaboration with engineering companies. We have experience in pipeline, plant piping, maintenance construction works for major ADNOC group companies (GASCO/ADCO/TAKREER) in Abu Dhabi, U.A.E.

Strict compliance and implementation of EOHS systems, is the basic key to our successful execution of projects. Quality and Safety is not just a system but a culture in our organization.

Our procurement teams works closely with discipline engineers, clients and vendors to ensure compliance to specifications, schedules and budgets. Our material management system is linked directly to our financial system to allow monitoring of every phase of the procurement cycle. Project specific expeditors are used to expedite long lead items and to monitor different phases of manufacturing along with quality team for inspections and certifications. We deploy Third Party Inspection Agencies for procurement of materials as per criticality ratings.

With our enhanced capabilities of doing NDRC/HDD work of laying cables/ducts/pipe under road, culverts, bridges, channels crossing etc up to 48 inch and 2 km length or more we provide overall execution solution of Mechanical, Civil, E&I, Telecom, Structure, Piping Fabrication and erection works for any pipeline and plant piping works.

By completing approx 700 kms of pipeline works in one calendar year, **ROBT STONE** has become a formidable pipeline contractor in the region.

We have our team of skilled and multi-disciplinary personnel locally available in the region. Our facilities, camps, workshops and warehouses spread over various strategic locations in the UAE with locally available own equipment fleet gives us an advantage. At present we have 100+ (Permit to work) PTW holder for various Oil & Gas clients and most of our equipment already posses valid security passes for various locations. All these factors enable us for quick mobilization and easy access to any work location within the Region and particularly in U.A.E.

2.0 TANK FABRICATION AND ERECTION

We provide solutions for small to mid size tank for Oil and Gas, Infrastructure and Process Plant projects. Our fabrication facilities are capable of supporting pre fabrication works which experienced site team erect with best of quality and safety compliance.

3.0 CIVIL AND STRUCTURAL WORKS

In house capabilities with experienced team and locally available resources to undertake Civil and Structural works for any pipeline, plant and infrastructure projects gives us added advantage. We undertake all civil activities in pipeline, plant construction projects including construction of Valve station building; pre cast foundation, berm preparation, culverts, including in situ concrete works.

Fabrication works of Structure steel support, pipe racks is also executed with in house resources and fabrication yard facilities available.

Our Civil team has recently achieved the following milestones in TAKREER project.

- 900,000 running meters (13,500,000 m³) of ROW / Maintenance Road construction.
- 900,000 running meters (2,700,000 m³) of Trenching / Excavation works.
- 900,000 running meters (720,000 m³) of Berm / pipeline crown construction.
- 15,000 m³ Pre-cast / In Situ Concrete works.

4.0 ELECTRICAL AND INSTRUMENTATION, TELECOM WORKS

We have a dedicated team for providing Turnkey solutions in E&I work for Cross country pipeline, Process Plant and Infrastructure projects. We have a well established associations with experienced suppliers and system integrators, Our in-house E&I team is well versed in various subjects and fields of Electrical, Instrumentation and Control, Process Control systems, Cathodic Protection, Fire & Gas, CCTV system and Telecommunication works.

We do take up solar system and CCTV works including laying, slicing and termination works for FOC/SDH/CCTV cables. Erection and commission of Passive cool shelters and in field instrument installation.

5.0 HORIZONTAL DIRECTIONAL DRILLING (HDD) DIVISON

We provide solution to cross obstructions without disrupting any traffic, water flow and above ground structures to lay pipeline/conduits/cables of different sizes and length by state of art Horizontal Directional Drilling Technique. In short span of time with our experienced team and best HDD machines to suit all kind of terrains, **HDD TEAM** has built a name in the industry. We believe that experienced people with latest know how with suitable latest equipment is the key difference between the success and the failure. Our team of HDD has over 15 years of International HDD experience working on Oil and Gas and Telecom sector projects.

We use modern and proven technologies such as:

- WALK OVER F5 track system to determine the location of the bore head on small to mid-sized rigs.



ENGINEERED EXCELLENCE

- PARATRAK II Wireless steering system – A down-hole system using wire to transmit the data up the inside of drill pipe for steering purpose of drill heads.

We have successfully completed 200 crossings, approximately 44,000 meter, in nearly all type of terrain, across major highways, utilities, creeks, wetlands, etc. in record time.

6.0 HOT TAPPING WORKS

ROBT STONE has completed nearly 50 Hot Taps in U.A.E. We have carried out Hot Tap works for wide range of Oil & Gas pipelines varying from 10" to 48". We have highly qualified and experienced hot tap welders, supervisors, Quality Control Inspectors, HSE Engineers and sophisticated equipment dedicated for Hot tap works. Our hot tap procedures are approved with ADNOC group of companies. Apart from ADNOC group, we have carried out Hot Tap works for:

- Dolphin Energy Limited, Abu Dhabi.
- Qatar Petroleum, Qatar.
- Bechtel , Abu Dhabi.
- Al Ain Cement Factory, Al Ain Abu Dhabi.
- Chicago Bridge & Iron (CBI), Abu Dhabi.

7.0 FABRICATION OF PRESSURE VESSELS AND SKIDS

We offer quality services in fabrication and supply of Pressure vessels, Heat Exchanger, Skid mounted Oil and Gas Processing units, Pipeline equipments, Cyclone filters H₂S Scrubber, Odorizers, Pressure Reduction and Metering skids, for refineries, nuclear plants and other processing facilities.

We provide an advantage of having local fabrication facility through an associate company, Technofutura spanning over 20,000 Sq Meter area in ICAD, Al Ain, Abu Dhabi

- Fabrication Shop is certified by ASME with U, U2, A, S and PP stamps.
- Design, Manufacturing and Testing of Pressure Vessels, Heat Exchangers, Skid mounted oil & gas processing units.

Capable of:

- Design, Engineering and rerating of large Storage Tanks and low pressure Storage Tanks.
- Calculations and recommendations for repairs.
- Alterations or replacement of existing storage tanks and storage tank components.
- Ability to perform multiple welding process with qualified welders and also capable of automatic welding machine operations.



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8.0 PIPELINE AND PLANT MAINTENANCE WORKS

ROBT.STONE, a name synonymous with pipeline and plant maintenance works in Abu Dhabi. We possess all the required experience resources to carry out pipeline and plant maintenance works like Pipeline and system maintenance, mentoring gas supplies to industries and attending to maintenance issues, Right of way maintenance, Building and General Maintenance, Patrolling of Gas facilities, Testing, removal and replacement of flow lines.

Working experience with GASCO, Dolphin Energy and ADCO gives us added advantage to repeat our performance in maintenance projects,

- Fully equipped emergency response vehicles.
- Competent staff with experience in operation and maintenance works such as gas meter reading, billing, patrolling, isolation of gas leaks etc.



ENGINEERED EXCELLENCE

EXPERIENCE LIST

Sl No.	DESCRIPTION
1	Major Projects
2	Minor Projects
3	Hot Tap Works
4	Horizontal Directional Drilling (HDD) Works
5	Pipeline and Plant Maintenance works



ENGINEERED EXCELLENCE

EXPERIENCE LIST – MAJOR PROJECTS

Sl. No.	Year	Client	Our Role	Project Title	Scope of Work	Project Status
1	2016	GASCO	Main Contractor	HP Connection to NGV Filling Stations (Phase 2A)	<p>EPC Scope of Work includes</p> <ul style="list-style-type: none"> • High Pressure Pipe Connections to Main gas pipe line (Hot Tap, Mechanical Tie-in) and installation of Pig traps & Hot Tap valve. • AGI (Above Ground Installations) consisting of Pig Trap, ROV, Filtration, H2S Scrubbers with H2S online analyzer, Water dew point analyzer, Pressure Regulation, Custody Transfer Metering and Odorizing and associated Piping, Mechanical, Civil and E&I works. • All associated Piping and Tie-in Works, Civil works, Electrical Works, Instrumentation and Control works, NDT Works, Pre-commissioning, Cathodic Protection and Painting Works 	In Progress
2	2015	GASCO	Main Contractor	EPC for Filtration, Metering And FCV Skids At Mirfa CRS	EPC works for provision of New Filters (1 working + 1 Stand-by), Metering Skid with Flow Meter, FCV Skid, and Active Cooled Shelter with UPS System. All associated Piping and Tie-in Works, Civil works, Electrical Works, Instrumentation and Control works, NDT Works, Pre-commissioning and Painting Works.	In Progress
3	2015	ADCO	Main Contractor	Call-Out works Contract for ASR Gas Facilities in Bab (Package "A")	EPC (Engineering, Procurement and Construction) works for BAB Producer (18 nos.) and Injector (8 nos.) wellheads, approximate 95 Kms of 8" and 6" flowlines, Work over of Gas Producer (9 nos.) well head, modification of existing flowlines and trunklines. All associated Piping and Tie-in Works, Civil works, Electrical Works, Instrumentation and Control works, NDT Works, Pre-commissioning, Cathodic Protection and Painting Works.	In Progress
4	2015	ADCO / TECNIMONT	Sub-contractor	Al Dabbiya Surface Facilities Phase III Project - Onshore Pipeline Works	Pipeline Construction works for approx. 270 kms of Onshore Pipelines of various diameters 28"/24"/20"/16"/12"/10"/8"/6"/4" including Construction of 7 nos. of Block Valve stations, 60 nos. Pig Launcher/Receiver stations inside the Onshore and Offshore Clusters, approx 8 Kms of Horizontal Directional Drilling Crossings, Hydro Testing for entire Pipeline Network including Onshore and Offshore sections, Pre commissioning Works including Cleaning, Gauging, Flushing, Swabbing, Drying, Calliper Pigging, Preservation and Intelligent Pigging. All associated E&I Works, Cathodic Protection (CP) Works and Decommissioning/De-Oiling of existing pipelines.	In Progress


ENGINEERED EXCELLENCE

Sl. No.	Year	Client	Our Role	Project Title	Scope of Work	Project Status
5	2015	ADCO / GS	Sub-contractor	Rumaitha/ Shanayel Phase III Project	<p>SMP (Structural, Mechanical and Piping) Works, Package B including:</p> <ul style="list-style-type: none"> • Structural erection and alignment works • Mechanical Equipment Erection & alignment works • Piping (CS, SS, Alloy steel, Non Ferrous, Cladded, GRE) welding, Valve & support installation including all NDT services • Painting and Insulation Works 	In Progress
6	2015	ADCO	Main Contractor	EPC for Batch II PMRF's - Buhasa	<p>EPC Services for Batch -II PMRFs as listed below:</p> <ul style="list-style-type: none"> • Installation of Motorized Actuated valves at Booster and MOL pump Recycle Line. • Facilities for the collection and Recovery of spent Lube Oil/Crude Oil at CDS. • Installation of Gas Detector system & ESD valves at Gas Injection Line for 44 Gas Wells. • Connection for Gas Lifts Flare System to Train 1 Flare Header. 	In Progress
7	2014	ADNOC DISTRIBUTION	Main Contractor	Engineering, Procurement and Construction (EPC) for Additional NGV Filling Stations	Scope of works covers Engineering, Procurement, and Construction of 14 nos. NGV stations and all associated Civil, Mechanical, Piping and E&I work.	In Progress
8	2014	ADCO	Main Contractor	Construction of Flow lines	Provision of welding and pipeline maintenance services for replacement of 8" (API 5L Gr. B), 6" (API 5L X65 & Gr. B) and 4" (API 5L Gr. B) flow lines for three years in ADCO fields including ROW preparation, welding, NDT, coating, Cathodic protection, pipe laying, crossings including HDD, Hydro testing, pigging, removal of redundant flow lines etc	In Progress
9	2013	GASCO	Main Contractor	High pressure pipeline connection to NGV filling stations phase II	EPC project for supply of gas from existing GASCO pipeline for 4 no's of ADNOC petrol stations to be converted into CNG filling stations.	Completed
10	2013	TAKREER / GS	Sub-contractor	Inter Refineries Pipelines (IRP II) Project (28"/12"/10")	Construction including Hydrotesting and drying of 220 kms of 28"(API 5L-X70), 320 kms of 12" (API 5L-X65) and 80 kms of 10" (API 5L-X60) pipeline approximately 139 Crossings (Horizontal Directional Drilling), 470 minor crossings, Construction of 9 No's of SV stations and 3 nos. Pipeline (Receiver/Launcher) facilities including Civil, Mechanical, E&I works.	Completed


ENGINEERED EXCELLENCE

Sl. No.	Year	Client	Our Role	Project Title	Scope of Work	Project Status
11	2013	TAKREER / GS / KSS	Sub-contractor	Inter Refineries Pipelines (IRP II) Project – City Portion (20"/10"/8")	Construction including Hydrotesting and drying of 30 kms of 20" (API 5L-X65) and 40 kms of 10"/8" (API 5L-X60) pipelines including 116 Crossings (Horizontal Directional Drilling) including 1440 m of 20+6 inch road crossings and 975m 10+6" Channel crossing at Umm Al Naar, 230 Minor crossings and construction of 1 No's of SV station and 6 nos. Pipeline (Receiver/Launcher) facilities including Civil, Mechanical, E&I works.	Completed
12	2012	NPCC / FERTIL	Main Contractor	Construction of 20" Gas Pipeline from GASCO to FERTIL - 2.	Construction of 20" Gas Pipeline from GASCO to Fertil - 2 including 3 Nos of Hot Taps, Launcher Station Including Installation of Gas Cyclone Filters, Pressure Reduction Skid, Metering Skid, Gas Filters, Pig Launcher with associated piping works & Control room Building. Construction of Receiver Station including installation of Pig Receiver ROV's, MOV's & associated piping.	Completed
13	2012	DOLPHIN ENERGY LTD	Main Contractor	Pipeline Rehabilitation program me 2012- 2013	Excavation, dewatering and Surface preparation for application of protective coating (STOPAQ) for 6km of 30" Maqta Al Ain pipeline at various locations.	Completed
14	2011	GASCO / HYUNDAI	Sub-contractor	Habshan 5 Utilities & Offsites Project – Tie-ins at Habshan 0, 2, 3, 4, and BAB CDS	Construction of 65 No's of Tie-ins of Dia ranging from 2" to 36" in Habshan Plant.	Completed
15	2011	GASCO	Main Contractor	EPC for Replacement of Amine Filtration Package at Units 30 and 31 (Habshan & BAB)	Schedule of Works includes dismantling of existing skid at unit 30 & 31 and Design / Engineering, Procurement and Construction of new Amine Filtration Units 30 and 31 with associated Civil, Mechanical, Electrical, Instrumentation and procurement of Filters consumables, Internals.	Completed
16	2011	ADCO / BSS TECHNOLOGIES	Sub-contractor	Construction of Cathodic Protection for Well Casings for newly Drilled Wells (2010-2012) in ADCO Fields.	Three year Contract for Civil / Installation & Construction works for Cathodic Protection for Well Casings.	Completed
17	2009	GASCO	Main Contractor	NGD 37 - EPC Works for NGV Filling Stations in Abu Dhabi & Sharjah.	EPC works for converting 17 No's of Existing Fuel Stations to NGV, including Civil, Mechanical and Electrical & Instrumentation works.	Completed

**ENGINEERED EXCELLENCE**

Sl. No.	Year	Client	Our Role	Project Title	Scope of Work	Project Status
18	2009	GASCO	Main Contractor	Removal of 16" Maqta - Baniyas Pipeline & Removal of ADCO's Jarn Yaphour - Umm Al Nar 18" Transfer Line	Demolition of GASCO's 18km long 16" dia Pipeline includes Corridor Fence, Valve Stations, Pig Traps, and Control Room & ADCO's 32km long 18" dia Pipeline including Valve Stations.	Completed
19	2008	GASCO / QENERGY	Sub-contractor	Natural Gas Distribution Network – NGD 07	Installation of Pipelines, Hot Taps and Pressure Reduction Station facilities for 7 nos. of ADNOC CNG Stations in Abu Dhabi and Al Ain inclusive of civil, building, mechanical, electrical and instrumentation scope.	Completed
20	2008	AL DAR / GASCO / QENERGY	Sub-contractor	Natural Gas Transmission and Distribution Supply to Yas Island, Abu Dhabi.	Installation of 8kms long Gas Pipeline (24", 16" & 12) including hot tap, Highway and Canal Crossing, Launcher, Receiver Stations, Primary and Secondary Pressure Reduction Stations and arranging Temporary Gas Supply by 10" PE Pipeline.	Completed

EXPERIENCE LIST – MINOR PROJECTS

Sl. No.	Year	Client	Our Role	Project Title	Scope of Work	Project Status
1	2016	ADCO	Main Contractor	Rehabilitation of Hot Oil System at Rumaitha CPP Phase I	Demolition of Existing Structure, Cutting and Dismantling of Existing Piping, Chemical Lines/Tubing and Cable tray. Civil, Structural, Piping and E&I Works including Painting, Insulation and Fire Proofing works.	In Progress
2	2016	ADCO	Main Contractor	Construction of Corrosion Monitoring Access Pits for Bu Hasa pipelines	Scope of Work includes Construction of 7 nos. of Concrete Corrosion Monitoring Access Pits, Fabrication & Installation of ladders, frames, supports, manholes, gratings, lifting facility for tools and Fencing Works.	In Progress
3	2014	DOLPHIN ENERGY LIMITED	Main Contractor	EPC Works for TFP/AFP Interconnection Meters	EPC works including Installation of Metering Skid and ROV, Supply and Installation of Active Cooled Shelter, LV Switchgear, UPS, F&G Panel, RTU / SCADA Modification and associated Civil, Structural and E&I works for the TFP / AFP INTERCONNECTION METERS at FRS and BV-06	Completed
4	2015	GASCO	Main Contractor	Installation of Chlorination Tank Package in Asab-2	Scope of works includes Mechanical and Electrical Works including; Demolition of Existing Hypochlorite solution TOTE system, Installation of new Tank and Mixer motor along with associated platform and piping connections and supports, Supply and Installation of piping support and associated Electrical Works	Completed
5	2014	NOBLE STEEL INDUSTRIES LLC	Main Contractor	Supply and Installation of Pressure Reduction Skid and Pipeline Tie-in.	Scope of Works involves Supply and Installation of Pressure Reducing Skid and Tie-in from GASCO facility, Piping Construction Works and Commissioning.	Completed
6	2014	GASCO	Main Contractor	EPC for Hot gas bypass piping for Habshan 1 Sulphur Unit	EPC works includes replacement of Hot Gas bypass piping in three units 52, 53 and 54 of GASCO Habshan 1 NGL filtration plant. Replacement of Control valves, related Mechanical, Structural and Electrical and Instrumentation works.	Completed



ENGINEERED EXCELLENCE

Sl. No.	Year	Client	Our Role	Project Title	Scope of Work	Project Status
7	2014	ADCO	Main Contractor	ADCO Tank Farm Facilities modification and Concrete pit construction works	EPC works including Civil, Mechanical and Piping modification / up gradation of Tank Farm Facilities (Fire water Tanks, Foam Skids, Fire Monitors, Chemical Sheds, other small tanks etc) and Construction of Concrete pits at ADCO - Jebel Dhana.	Completed
8	2014	ADCO	Main Contractor	Construction of Concrete Well Cellar and Mud Waste Pits.	<p>Scope of works involves performing the following services on call basis for 3 years at both onshore and offshore locations:</p> <ul style="list-style-type: none"> • Construction of Concrete Well Cellar. • Construction of Concrete Mud Pit. • Breakings of Concrete Slab to accommodate well cellar and / or waste pit in existing clusters. 	In Progress
9	2013	NPCC / ARKAN	Sub Contractor	Supply of gas to new Al Ain Cement plant for ARKAN	FCV skid installation along with all Civil, Mechanical and E&I works.	Completed
10	2013	ADCO / TDW	Sub Contractor	Removal of 24" and 36" by pass arrangements at MP 21	Cold cutting and removal of bypass lines, removal of sandwich valves, installation of blind flanges, torquing, nitrogen purging of 24" and 36" lines.	Completed
11	2013	ADCO	Main Contractor	Variation order for EPC of NEB chemical and hazardous material laydown area.	Construction of 1 Well cellars and 1 of mud pits each at DY-96 and DY-97 respectively for Dabiyyah Additional injector project.	Completed
12	2013	BSS TECH / GASCO	Sub Contractor	Civil works at GASCO Ruwais	To carry out Civil / Installation / Construction scope of works for Installation, pre commissioning and commissioning of CP systems as per GASCO standards.	Completed
13	2012	ADCO	Main Contractor	Replacement of 20" Transfer Line Portion from Remote Degassing Station to Central Degassing Station.	Replacement of 20" Transfer line from RDS 2 to CDS including Cleaning and flushing of 6.5 km of existing line and Welding, Hydrotesting of new 400m section and tie in to the existing 20" line	Completed
14	2012	ADCO	Main Contractor	Engineering, Procurement & Construction of NEB Chemical & Hazardous Material Laydown Area	Construction of a shed (20m x 30m) and two paved area (30m x30m) for storing chemicals and waste skips.	Completed



ENGINEERED EXCELLENCE

Sl. No.	Year	Client	Our Role	Project Title	Scope of Work	Project Status
15	2012	HYUNDAI / GASCO	Sub Contractor	Habshan 5 Utilities& Offsites Project – Structural Steel welding	Approximately 2400 Linear Meters of Structural Steel Welding for Piping Platforms inside Habshan 5 Plant.	Completed
16	2012	GASCO	Main Contractor	EPC works for Permanent Telecom Services at Habshan 5 Utilities & Offsites Project at Habshan	27 km of Trenching including laying of FOC Conduits for Etisalat Cable. This also includes 2 No's of NDRC and interfacing with various Authorities for NOC's.	Completed
17	2012	NPCC	Main Contractor	Testing and Commissioning works at Al Ain Cement Factory	Testing and commissioning of 48 Km 20" pipeline to Al Ain Cement Factory.	Completed
18	2012	SINOMA EQUIPMENT	Main Contractor	Welding Works in ARKAN Cement Factory	Welding of 115 joints of Dia 20" at ARKAN cement factory.	Completed
19	2011	GASCO	Main Contractor	ICAD BENA Factory Valve Pit & Line Replacement	Valve Pit & Line Replacement	Completed
20	2011	GGS	Main Contractor	Leak Testing Assembly of metering skid	Welding, spectacle blinds, pipe fabrication & assembly including testing & painting, structural materials supply and fabrication including painting, miscellaneous works.	Completed
21	2011	GASCO	Main Contractor	SGP Sulphur Pit Inspection & Coil Replacement	Full replacement of internal Steam Coils, Complete stripping of all external piping, hot insulation, (Steam, Sulphur, Condensate & all other associated external piping) Blasting, Painting & Re-insulation works. Removal & complete replacement of doors / covers located on the sulphur pit, including internal and external concrete walls repair works.	Completed
22	2011	GASCO	Main Contractor	New Metering System Tie - In at GASCO Buhasa - EPC Works	EPC works for phase - 1 by cutting the existing 14" line at two locations and introducing piping arrangement of two 14" X 12" tees, two 14" RB ball valves, two 12" FB ball valves and one 2" drain and related piping & blind flanges.	Completed



ENGINEERED EXCELLENCE

Sl. No.	Year	Client	Our Role	Project Title	Scope of Work	Project Status
23	2011	GASCO	Main Contractor	New Metering System Tie - In at GASCO ASAB - 0 EPC Works	EPC works for phase - 1 by cutting the existing 14" line at two locations and introducing piping arrangement of two 14" X 12" tees, two 14" RB ball valves, two 12" FB ball valves and one 2" drain and related piping & blind flanges.	Completed
24	2011	DUSUP	Main Contractor	Construction work: BC to IC Conversion Project	Procurement (Other than Client Free Issue materials), Construction and Construction related Engineering including Mechanical, Electrical and Instrumentation scope, Installation, Testing, Pre Commissioning, Commissioning Assistance of all Piping and all associated works.	Completed
25	2010	GASCO	Main Contractor	Carry Out Inspection & Repair As Per API 650 To Water Tank 81-TK-101-B	This Scope of Work includes carrying out MFL inspection of the Water Tank of Size 20 Mtr Dia X 10 Mtr Height, Repair works for the corroded plates, and internal painting of the Tank.	Completed
26	2010	GASCO	Main Contractor	Rehabilitation Of The 67 Nos Supports Welded On Top Of Habshan - 0 Flare Piping	This Scope of Work covers lifting of supports, scaffolding, application of blasting / painting on support plates / affected area on top of flare line, application of Belzona 1121, settling back of supports, finishing of the support plate / pipe gaps with Belzona and final painting on support plates.	Completed
27	2010	GASCO	Main Contractor	Removal of Gas Receiving facilities at Mirfa Power plant	Demolition of 8 km long 4" dia pipeline including demolition of CRS and pig launcher station	Completed
28	2010	GASCO	Main Contractor	Removal of 24" Maqta- ADPS Pipeline	Removal of 2.7 Km long 24" dia Gas pipeline inside Umm-Al- Nar Refinery including de-commissioning of 22 Km long Maqta – ADPS Pipeline and Quick shut down.	Completed
29	2009	GASCO	Main Contractor	Re-Routing of the 2" Gas Supply to Bainounah PRS in Meena	Piping and structural work	Completed



ENGINEERED EXCELLENCE

Sl. No.	Year	Client	Our Role	Project Title	Scope of Work	Project Status
30	2009	BAEUR KOMPRESSOREN	Main Contractor	Laying of High Pressure Tubing & Control Cable & for Painting of Compressor Building	<ul style="list-style-type: none"> a) High Pressure Tubing & Control Cable laying b) Painting of Compressor Room c) Other Finishing Works 	Completed
31	2009	GASCO / GULF SPONGE IRON	Main Contractor	6" High pressure gas pipeline to Gulf Sponge Iron Factory.	18" x 6" Cold tapping work, technical services for gas pipeline installation.	Completed
32	2008	GASCO / AJMAL STEEL	Main Contractor	Natural Gas Extension to Ajmal Steel Factory.	Supply and Installation of 4" dia Gas Pipeline 0.5 km long including hot tap.	Completed
33	2007	DOLPHIN ENERGY / PUNJ LLOYD	Sub Contractor	EGDS Upgrade Works - Civil & FOC Works.	<ul style="list-style-type: none"> 1) Supply and installation of safety signs and fencing. 2) Installation crash barriers for GASCO pipeline network in Eastern Area. 	Completed
34	2007	ADCO / BSS TECHNOLOGIES	Sub Contractor	EPC of Cathodic Protection of Well Casings in ADCO Fields (Buhasa/Huwailia).	Civil / Installation / Construction works for Cathodic Protection of Well Casing	Completed
35	2007	GASCO / QENERGY	Sub Contractor	4" Dia Pipeline for Natural Gas Extension to Plot No 21B3 & 22B3 in ICAD 1	4" x 850 Mtrs long On Shore Buried Gas Pipeline including Hot Tapping with GASCO Pipeline Network (Pipes & Skid free issued)	Completed
36	2007	SEWA	Main Contractor	Onshore Fuel Oil Pipeline for filling of MFO Tanks 5&6	10" dia x 1.01 km long On Shore Buried Oil Pipeline	Completed

EXPERIENCE LIST – HOT TAP WORKS

Sl. No.	Year	Client	Our Role	Project Title	Scope of Work	Project Status
1	2015	SHELL / TFS	Sub-contractor	Hot Tap Welding Works at Um Qasr Terminal, Iraq	Installation of 1 No's 20" x 10" Split Tee	Completed
2	2014	Fanoy Gas LLC	Sub-contractor	Split Tee Welding at ICAD 1	Installation of 1 No's 18" x 4" Split Tee.	Completed
3	2014	GASCO	Main Contractor	Provision of Nitrogen from BOROUGE to GASCO SGP – Hot Tapping for Tie-in Line	Supply and Installation of 1 No's Weldolet (6"x2") and 1 No's 2" Hot Tap valve.	Completed
4	2014	TAKREER / GS Engineering	Sub-contractor	Split Tee Welding – IRP-II project	Installation of 1 No's of 16" x 10" Split Tee welding works at SV4 station in Tariff.	Completed
5	2014	GASCO	Main Contractor	Weldolet works for connecting existing High pressure pipeline to 3 ADNOC stations	Installation of 2 No's of 42" x 3" weldolet welding in Ruwais and Habshan respectively. 1 No's of 12" x 3" weldolet welding works in Asab.	Completed
6	2012	DEL/GASCO / NPCC/CAT	Sub-contractor	Split Tee Welding - Natural Gas Supply to Arkan Cement Factory	Installation of 1 No's of 30" x 20" Split Tee Hot Tap for Sales Gas Arkan Cement Factory	Completed
7	2012	GASCO/NPCC	Sub-contractor	Natural Gas Supply to Fertil 2	Supply and Installation of 14" X 10", 42" X 16" & 30" X 16" Split Tee Hot Tap for Natural Gas Connection to Fertil 2	Completed
8	2012	GASCO / ALSA	Sub-contractor	Split Tee Welding - EPC For Supply of Sales Gas To Masdar Shams 1	1 No's of 12" x 10" Split Tee Hot Tap for Sales Gas To Masdar Shams 1 at Madina Zayed SOW: Installation.	Completed
9	2011	GASCO / HYUNDAI	Sub-contractor	Habshan 5 Utilities & Offsites Project	2 No's of 42" x 30" Split Tee Hot Tap for OGD 1 & 2 Pipelines at Habshan IGD SOW: Supply & Installation.	Completed
10	2011	GASCO	Main Contractor	To carry out 2" hot tapping on existing 8" Condensate pipeline through Service Work Order	1 No of 2" x 8" Split Tee Hot Tap for Condensate Pipeline SOW: Supply & Installation	Completed
11	2011	GASCO / EMCO	Sub-contractor	Replacement of 10" & 16" Gas Pipeline GASCO - BAB	30"x10" Split Tee Connection to existing Header Bab Manifold Area SOW: Supply & Installation	Completed
12	2010	GASCO/ Tecnicas Reunidas / Chicago Bridge & Iron	Sub-contractor	Borouge 2 Project	18" x 12" Hot Tap Tee Welding SOW: Installation.	Completed

Sl. No.	Year	Client	Our Role	Project Title	Scope of Work	Project Status
		Company (CBI)				
13	2009	GASCO / Dolphin Energy / QEnergy	Sub-contractor	Natural Gas Distribution Network - NGD 07	3 nos. of 3" Hot Taps on 30" Maqta-Al Ain Gas Pipeline at Khalifa City in Abu Dhabi and Markhania in Al Ain	Completed
					1 no. of 3" Hot Tap on 48" Maqta - Jebel Ali Gas Pipeline at Samha in Abu Dhabi.	
					SOW: Supply & Installation.	
14	2009	GASCO / QEnergy	Sub-contractor	Natural Gas Distribution Network -NGD 07	42" X 4" Hot Tap on Habshan - Maqta Gas Pipeline at Mussafah.	Completed
					12" X 2" Hot Tap on the branch of Maqta - Al Ain Gas Pipeline.	
					SOW: Supply & Installation.	
15	2009	GASCO / Foster Wheeler / Bechtel / Punj Lloyd	Sub-contractor	Onshore Gas Development Phase -3	16" X 16" Hot Tapping and Stopple Plugging works on Buhasa Bab NGL Pipeline at MP21.	Completed
					SOW: Installation of Split Tees and Threadolet Fitting for Stoppling.	
16	2008	GASCO	Main Contractor	Fabrication and Welding of Split Sleeve on 16" Habshan - Ruwais Pipeline & 30" Bab - Maqta Gas Pipeline	7 nos. of Split Sleeves on 16" Habshan - Ruwais Condensate Pipeline.	Completed
					1 no. of Split Sleeve on 30" Bab - Maqta Gas Pipeline	
					SOW: Fabrication & Welding of Split Sleeves.	
17	2008	GASCO / Zones Corp / Ajmal Steel	Main Contractor	Natural Gas Extension to Ajmal Steel Factory.	10" X 4" Split Tee on GASCO Network in ICAD 1.	Completed
					SOW: Supply & Installation.	
18	2008	GASCO / Zones Corp / Al Jaber Energy Services	Sub-contractor	ICAD 2 Natural Gas Pipeline Network	18" x 18" Split Tee on GASCO Network near ADIC CRS, Mussafah.	Completed
					SOW: Technical Services & Split Tee Welding Works.	
19	2008	GASCO / Flowserv Al Mansouri	Sub-contractor	Hot Tap & Piping Works inside Buhasa Plant	16" x 2" Weldolet on Gas Flare Line inside GASCO Buhasa Plant.	Completed
					SOW: Technical Services & Weldolet Welding Works.	
20	2008	GASCO / ESI / Toledo	Sub-contractor	High Pressure Natural Gas Pipeline for	42" X 18" Hot Tap on Bab-Maqta-Taweebah Gas Pipeline (OGD1).	Completed

Sl. No.	Year	Client	Our Role	Project Title	Scope of Work	Project Status
				Emirates Integrated Steel Project	42" X 18" Hot Tap on Thamama C - Maqta Gas Pipeline (OGD 1). SOW: Supply & Installation.	
21	2008	GASCO / Zones Corp / Sergas / Emirates Line Factory / German Emirati Company / Union Copper Rod Factory / Super Cement	Sub-contractor	Natural Gas Connections in ICAD1	2 No's of 18" X 4" Split Tee on GASCO Network in ICAD 1. 10" X 6" Split Tee on GASCO Network in ICAD 1 10" X 2" Weldolet on GASCO Network in ICAD 1 SOW: Technical Services & Split Tee Welding Works	Completed
22	2007	GASCO / Zones Corp / Fanoy Gas / Future Pipe Industries / Al Ghurair Iron & Steel	Sub-contractor	Natural Gas Reducing Metering Stations	18" X 3" Weldolet on GASCO Network in ICAD 1 18" x 6" Split Tee on GASCO Network in ICAD 1 SOW: Technical Services & Split tee Welding Works	Completed
23	2007	Qatar Petroleum / Punj Lloyd	Sub-contractor	Doha Urban Pipeline Relocation	12" x 12" Hot Tapping and Stopple Plugging on Multi Product Pipeline at Doha. 16" x 12" Hot Tap Connection on Gas Pipeline SOW: Technical Services	Completed
24	2007	Qatar Petroleum / Punj Lloyd	Sub-contractor	Doha Urban Pipeline Relocation	18"X18" Split Tee on AGD1 Condensate Pipeline at Habshan. 16" X 16" Hot Tapping and Stopple Plugging Works on Buhasa Bab NGL Pipeline at MP21. SOW: Technical Services	Completed
25	2007	GASCO / Zones Corp / QEnergy / Styropak Plastics / Al Reyadh Plastics	Sub-contractor	4" Dia Pipeline for Natural Gas Extension to Plot No 21B3 & 22B3 in ICAD 1	18" x 4" Split Tee on GASCO Network in ICAD 1 SOW: Supply & Installation.	Completed

Sl. No.	Year	Client	Our Role	Project Title	Scope of Work	Project Status
26	2007	Dolphin Energy / CCIC	Sub-contractor	EGDS Upgrade for East and West Systems Project	<p>30" x 24" Hot Tap on Maqta - Al Ain Gas Pipeline</p> <p>24" x 24", 24" x 6" & 24" x 2" Hot Tap on Al Ain - Oman Gas Pipeline</p> <p>48" x 12" Hot Tap on Maqta - Jebel Ali Gas Pipeline</p> <p>36" x 30" Hot Tap on Maqta - Taweejah Gas Pipeline at Maqta Manifold</p> <p>18" x 18" Hot Tap Maqta - Umm Al Nar Gas Pipeline at Maqta Manifold</p> <p>24" x 24" Hot Tap on Maqta ADPS Gas Pipeline at Maqta Manifold</p> <p>42" x 42" Hot Tap on Thamama C - Maqta Gas Pipeline at Maqta Manifold</p> <p>SOW: Technical Services.</p>	Completed

EXPERIENCE LIST – HDD WORKS

Project	Owner	Main Contractor	Description Road/ Highway/Utility	Pipe Diameter	Pipe Grade	Crossing Length (Mtr.)
PIPELINE & WELDING MAINTENANCE SERVICES	ADCO	ROBT.STONE	Road Crossing	6"	API 5L X 60	100
PIPELINE & WELDING MAINTENANCE SERVICES	ADCO	ROBT.STONE	Road Crossing	4"	API 5L X 60	188
PIPELINE & WELDING MAINTENANCE SERVICES	ADCO	ROBT.STONE	Road Crossing	4'	API 5L X 60	100
PIPELINE & WELDING MAINTENANCE SERVICES	ADCO	ROBT.STONE	Road Crossing	4"	API 5L X 60	105
PIPELINE & WELDING MAINTENANCE SERVICES	ADCO	ROBT.STONE	Road Crossing	6"	API 5L X 60	96
PIPELINE & WELDING MAINTENANCE SERVICES	ADCO	ROBT.STONE	Road Crossing	4"	API 5L X 60	102
PIPELINE & WELDING MAINTENANCE SERVICES	ADCO	ROBT.STONE	Road Crossing	4"	API 5L X 60	114
PIPELINE & WELDING MAINTENANCE SERVICES	ADCO	ROBT.STONE	Road Crossing	6"	API 5L X 60	96
PIPELINE & WELDING MAINTENANCE SERVICES	ADCO	ROBT.STONE	Road Crossing	6"	API 5L X 60	84
PIPELINE & WELDING MAINTENANCE SERVICES	ADCO	ROBT.STONE	Road Crossing	4"	API 5L X 60	103
IRP II PIPELINE	TAKREER	GS ENGINEERING	Big Access Road Crossing To Cricket Stadium	20" + 6"	API 5L X 65	1440
IRP II PIPELINE	TAKREER	GS ENGINEERING	E11 Dubai-Sila Road& Dubai-Sweihan Interchange	20" + 6"	API 5L X 65	1400
HABSHAN I FLOWLINE	ADCO	CCC / SAARI	ADCO / GASCO Utilities Crossing	6", 8", 20"	API 5L X 60	1400 (Total)
IRP II PIPELINE	TAKREER	GS ENGINEERING	Palace Road & Round About	20" + 6"	API 5L X 65	1100
IRP II PIPELINE	TAKREER	GS ENGINEERING	Sheikh Zayed Mosque Road E10	10" + 6"	API 5L X 60	975
IRP II PIPELINE	TAKREER	GS ENGINEERING	E11 Dubai-Sila Road	20" + 6"	API 5L X 65	733
IRP II PIPELINE	TAKREER	GS ENGINEERING	E22 Abu Dhabi To Al Ain Road	20" + 6"	API 5L X 65	733



EXPERIENCE LIST – HDD WORKS

ENGINEERED EXCELLENCE

Project	Owner	Main Contractor	Description Road/ Highway/Utility	Pipe Diameter	Pipe Grade	Crossing Length (Mtr.)
IRP II PIPELINE	TAKREER	GS ENGINEERING	E22 Abu Dhabi To Al Ain Road	20" + 6"	API 5L X 65	733
IRP II PIPELINE	TAKREER	GS ENGINEERING	12th Street Road	10"	API 5L X 60	680
IRP II PIPELINE	TAKREER	GS ENGINEERING	Musaffah To Sila Road(E11)	10" + 6"	API 5L X 60	521
IRP II PIPELINE	TAKREER	GS ENGINEERING	E20-Abudhabi-Al Ain Road& Dodsal 52" Pipeline Crossing	20" + 6"	API 5L X 65	469
IRP II PIPELINE	TAKREER	GS ENGINEERING	Asphalt Road(ICAD Shabia Road)	20" + 6"	API 5L X 65	432
IRP II PIPELINE	TAKREER	GS ENGINEERING	Mafraq-Al Guwaifat Highway	12"	API 5L X 65	399
IRP II PIPELINE	TAKREER	GS ENGINEERING	Mafraq-Al Guwaifat Highway	12"	API 5L X 65	399
IRP II PIPELINE	TAKREER	GS ENGINEERING	Mafraq-Al Guwaifat Highway	6"	API 5L X 65	399
IRP II PIPELINE	TAKREER	GS ENGINEERING	E20 Airport Road	20" + 6"	API 5L X 65	364
IRP II PIPELINE	TAKREER	GS ENGINEERING	Al Rawda Road & Shakboot Sultan Road	12"	API 5L X 65	363
IRP II PIPELINE	TAKREER	GS ENGINEERING	Al Rawda Road & Shakboot Sultan Road	12"	API 5L X 65	363
IRP II PIPELINE	TAKREER	GS ENGINEERING	Al Rawda Road & Shakboot Sultan Road	6"	HDPE	363
IRP II PIPELINE	TAKREER	GS ENGINEERING	Small By Pass Road Crossing Cricket Stadium	20" + 6"	API 5L X 65	351
IRP II PIPELINE	TAKREER	GS ENGINEERING	Utility Crossing	28"	API 5L X 70	326
IRP II PIPELINE	TAKREER	GS ENGINEERING	Utility Crossing	28"	API 5L X 70	326
IRP II PIPELINE	TAKREER	GS ENGINEERING	Utility Crossing	12"	API 5L X 65	326
IRP II PIPELINE	TAKREER	GS ENGINEERING	Utility Crossing	12"	API 5L X 65	326
IRP II PIPELINE	TAKREER	GS ENGINEERING	Utility Crossing	6"	API 5L X 65	326



EXPERIENCE LIST – HDD WORKS

ENGINEERED EXCELLENCE

Project	Owner	Main Contractor	Description Road/ Highway/Utility	Pipe Diameter	Pipe Grade	Crossing Length (Mtr.)
IRP II PIPELINE	TAKREER	GS ENGINEERING	Pipeline Crossing	10" + 6"	API 5L X 60	325
IRP II PIPELINE	TAKREER	GS ENGINEERING	Proposed Road (Villa Access)	12"	API 5L X 65	320
IRP II PIPELINE	TAKREER	GS ENGINEERING	Proposed Road (Villa Access)	12"	API 5L X 65	320
IRP II PIPELINE	TAKREER	GS ENGINEERING	Proposed Road (Villa Access)	6"	API 5L X 65	320
IRP II PIPELINE	TAKREER	GS ENGINEERING	Madinath Zayed Highway Crossing	28"	API 5L X 70	293
IRP II PIPELINE	TAKREER	GS ENGINEERING	Madinath Zayed Highway Crossing	28"	API 5L X 70	293
IRP II PIPELINE	TAKREER	GS ENGINEERING	Madinath Zayed Highway Crossing	6"	HDPE	293
IRP II PIPELINE	TAKREER	GS ENGINEERING	ICAD To Labour Camps Shabia Road	20" + 6"	API 5L X 65	283
IRP II PIPELINE	TAKREER	GS ENGINEERING	ICAD to Labour Camps Shabia Road	20" + 6"	API 5L X 65	283
IRP II PIPELINE	TAKREER	GS ENGINEERING	GASCO Pipeline Crossing	20" + 6"	API 5L X 65	280
IRP II PIPELINE	TAKREER	GS ENGINEERING	Cricket Stadium Road	20" + 6"	API 5L X 65	277
IRP II PIPELINE	TAKREER	GS ENGINEERING	Proposed Road - ADIA North Terminal	20" + 6"	API 5L X 65	268
IRP II PIPELINE	TAKREER	GS ENGINEERING	Small Bypass Road Cricket Stadium	10"	API 5L X 60	253
IRP II PIPELINE	TAKREER	GS ENGINEERING	E33 Airport Road	20" + 6"	API 5L X 65	253
IRP II PIPELINE	TAKREER	GS ENGINEERING	E33 Airport Road	20" + 6"	API 5L X 65	253
IRP II PIPELINE	TAKREER	GS ENGINEERING	ICAD II Road Crossing	28"	API 5L X 70	248
IRP II PIPELINE	TAKREER	GS ENGINEERING	ICAD II Road Crossing	28"	API 5L X 70	248
IRP II PIPELINE	TAKREER	GS ENGINEERING	Road To ICAD II	12"	API 5L X 65	248
IRP II PIPELINE	TAKREER	GS ENGINEERING	Road To ICAD II	12"	API 5L X 65	248



EXPERIENCE LIST – HDD WORKS

ENGINEERED EXCELLENCE

Project	Owner	Main Contractor	Description Road/ Highway/Utility	Pipe Diameter	Pipe Grade	Crossing Length (Mtr.)
IRP II PIPELINE	TAKREER	GS ENGINEERING	ICAD II Road Crossing	6"	HDPE	248
IRP II PIPELINE	TAKREER	GS ENGINEERING	Rumaitha Road Crossing	28"	API 5L X 70	247
IRP II PIPELINE	TAKREER	GS ENGINEERING	Rumaitha Road Crossing	28"	API 5L X 70	247
IRP II PIPELINE	TAKREER	GS ENGINEERING	Rumaitha Road Crossing	6"	HDPE	247
IRP II PIPELINE	TAKREER	GS ENGINEERING	Al Faya-Al Quaa Road	12"	API 5L X 65	244
IRP II PIPELINE	TAKREER	GS ENGINEERING	Al Faya-Al Quaa Road	12"	API 5L X 65	244
IRP II PIPELINE	TAKREER	GS ENGINEERING	Al Faya-Al Quaa Road	6"	API 5L X 65	244
IRP II PIPELINE	TAKREER	GS ENGINEERING	Sila To Abu Dhabi Main Road	28"	API 5L X 70	243
IRP II PIPELINE	TAKREER	GS ENGINEERING	Sila To Abu Dhabi Main Road	28"	API 5L X 70	243
IRP II PIPELINE	TAKREER	GS ENGINEERING	Sila To Abu Dhabi Main Road	6"	HDPE	243
IRP II PIPELINE	TAKREER	GS ENGINEERING	Asphalt Road	20" + 6"	API 5L X 65	218
IRP II PIPELINE	TAKREER	GS ENGINEERING	Habshan Road Crossing	28"	API 5L X 70	218
IRP II PIPELINE	TAKREER	GS ENGINEERING	Habshan Road Crossing	28"	API 5L X 70	218
IRP II PIPELINE	TAKREER	GS ENGINEERING	Habshan Road Crossing	6"	HDPE	218
IRP II PIPELINE	TAKREER	GS ENGINEERING	Al Rawda Road From Truck Road	12"	API 5L X 65	212
IRP II PIPELINE	TAKREER	GS ENGINEERING	Al Rawda Road From Truck Road	12"	API 5L X 65	212
IRP II PIPELINE	TAKREER	GS ENGINEERING	Al Rawda Road From Truck Road	6"	API 5L X 65	212
IRP II PIPELINE	TAKREER	GS ENGINEERING	Proposed Road (Residential Access)	12"	API 5L X 65	205
IRP II PIPELINE	TAKREER	GS ENGINEERING	Proposed Road (Residential Access)	12"	API 5L X 65	205



EXPERIENCE LIST – HDD WORKS

ENGINEERED EXCELLENCE

Project	Owner	Main Contractor	Description Road/ Highway/Utility	Pipe Diameter	Pipe Grade	Crossing Length (Mtr.)
IRP II PIPELINE	TAKREER	GS ENGINEERING	Proposed Road (Residential Access)	6"	API 5L X 65	205
IRP II PIPELINE	TAKREER	GS ENGINEERING	Twam Street Road	12"	API 5L X 65	204
IRP II PIPELINE	TAKREER	GS ENGINEERING	Twam Street Road	12"	API 5L X 65	204
IRP II PIPELINE	TAKREER	GS ENGINEERING	Twam Street Road	6"	HDPE	204
IRP II PIPELINE	TAKREER	GS ENGINEERING	Silah To Abu Dhabi Highway	20" + 6"	API 5L X 65	197
IRP II PIPELINE	TAKREER	GS ENGINEERING	Transco Pipeline Crossing	12"	API 5L X 65	197
IRP II PIPELINE	TAKREER	GS ENGINEERING	Transco Pipeline Crossing	12"	API 5L X 65	197
IRP II PIPELINE	TAKREER	GS ENGINEERING	Abu Dhabi -Al Ain Truck Road	12"	API 5L X 65	193
IRP II PIPELINE	TAKREER	GS ENGINEERING	Abu Dhabi -Al Ain Truck Road	12"	API 5L X 65	193
IRP II PIPELINE	TAKREER	GS ENGINEERING	Abu Dhabi -Al Ain Truck Road	6"	API 5L X 65	193
IRP II PIPELINE	TAKREER	GS ENGINEERING	51st Street (Near Round About)	20" + 6"	API 5L X 65	191
IRP II PIPELINE	TAKREER	GS ENGINEERING	ICAD III Camp Road Crossing	28"	API 5L X 70	187
IRP II PIPELINE	TAKREER	GS ENGINEERING	ICAD III Camp Road Crossing	28"	API 5L X 70	187
IRP II PIPELINE	TAKREER	GS ENGINEERING	Road To ICAD III	12"	API 5L X 65	187
IRP II PIPELINE	TAKREER	GS ENGINEERING	Road To ICAD III	12"	API 5L X 65	187
IRP II PIPELINE	TAKREER	GS ENGINEERING	ICAD III Camp Road Crossing	6"	HDPE	187
IRP II PIPELINE	TAKREER	GS ENGINEERING	59 th Street	20" + 6"	API 5L X 65	185
IRP II PIPELINE	TAKREER	GS ENGINEERING	Link Road Khalifa Bin Zayed City	10"	API 5L X 60	180
IRP II PIPELINE	TAKREER	GS ENGINEERING	Link Road Abu Dhabi To Mussaffah Road	20" + 6"	API 5L X 65	180



EXPERIENCE LIST – HDD WORKS

ENGINEERED EXCELLENCE

Project	Owner	Main Contractor	Description Road/ Highway/Utility	Pipe Diameter	Pipe Grade	Crossing Length (Mtr.)
IRP II PIPELINE	TAKREER	GS ENGINEERING	Link Road Khalifa City To Airport Road	20" + 6"	API 5L X 65	180
IRP II PIPELINE	TAKREER	GS ENGINEERING	Salmia Palace Road Crossing	28"	API 5L X 70	177
IRP II PIPELINE	TAKREER	GS ENGINEERING	Salmia Palace Road Crossing	28"	API 5L X 70	177
IRP II PIPELINE	TAKREER	GS ENGINEERING	Salmia Palace Road Crossing	6"	HDPE	177
IRP II PIPELINE	TAKREER	GS ENGINEERING	Utility Crossing	28"	API 5L X 70	175
IRP II PIPELINE	TAKREER	GS ENGINEERING	Utility Crossing	28"	API 5L X 70	175
IRP II PIPELINE	TAKREER	GS ENGINEERING	Utility Crossing	6"	HDPE	175
IRP II PIPELINE	TAKREER	GS ENGINEERING	Access Road Cricket Stadium	10"	API 5L X 60	174
IRP II PIPELINE	TAKREER	GS ENGINEERING	12 th Street Road Crossing(Branch From Air Port Road)	20" + 6"	API 5L X 65	174
IRP II PIPELINE	TAKREER	GS ENGINEERING	Abu Dhabi -Al Ain Truck Road	12"	API 5L X 65	166
IRP II PIPELINE	TAKREER	GS ENGINEERING	Abu Dhabi -Al Ain Truck Road	12"	API 5L X 65	166
IRP II PIPELINE	TAKREER	GS ENGINEERING	Abu Dhabi -Al Ain Truck Road	6"	API 5L X 65	166
IRP II PIPELINE	TAKREER	GS ENGINEERING	Hilwa Road Crossing	28"	API 5L X 70	165
IRP II PIPELINE	TAKREER	GS ENGINEERING	Hilwa Road Crossing	28"	API 5L X 70	165
IRP II PIPELINE	TAKREER	GS ENGINEERING	Hilwa Road Crossing	6"	HDPE	165
IRP II PIPELINE	TAKREER	GS ENGINEERING	Utility Crossing	28"	API 5L X 70	164
IRP II PIPELINE	TAKREER	GS ENGINEERING	Utility Crossing	28"	API 5L X 70	164
IRP II PIPELINE	TAKREER	GS ENGINEERING	Link Road From Hameem Road	12"	API 5L X 65	164
IRP II PIPELINE	TAKREER	GS ENGINEERING	Link Road From Hameem Road	12"	API 5L X 65	164



EXPERIENCE LIST – HDD WORKS

ENGINEERED EXCELLENCE

Project	Owner	Main Contractor	Description Road/ Highway/Utility	Pipe Diameter	Pipe Grade	Crossing Length (Mtr.)
IRP II PIPELINE	TAKREER	GS ENGINEERING	Link Road From Hameem Road	6"	API 5L X 65	164
IRP II PIPELINE	TAKREER	GS ENGINEERING	Utility Crossing	6"	HDPE	164
IRP II PIPELINE	TAKREER	GS ENGINEERING	New Truck Road (Bypass From Al Ain Truck Road)	12"	API 5L X 65	163
IRP II PIPELINE	TAKREER	GS ENGINEERING	New Truck Road(Bypass From Al Ain Truck Road)	12"	API 5L X 65	163
IRP II PIPELINE	TAKREER	GS ENGINEERING	New Truck Road (Bypass From Al Ain Truck Road)	6"	API 5L X 65	163
IRP II PIPELINE	TAKREER	GS ENGINEERING	Dubai-Selah	20" + 6"	API 5L X 65	160
IRP II PIPELINE	TAKREER	GS ENGINEERING	Pipeline Crossing	20" + 6"	API 5L X 65	160
IRP II PIPELINE	TAKREER	GS ENGINEERING	Dual Carriage Way Road Crossing	28"	API 5L X 70	160
IRP II PIPELINE	TAKREER	GS ENGINEERING	Dual Carriage Way Road Crossing	28"	API 5L X 70	160
IRP II PIPELINE	TAKREER	GS ENGINEERING	Dual Carriage Way Road Crossing	6"	HDPE	160
IRP II PIPELINE	TAKREER	GS ENGINEERING	Al Jumania Road Crossing	28"	API 5L X 70	158
IRP II PIPELINE	TAKREER	GS ENGINEERING	Al Jumania Road Crossing	28"	API 5L X 70	158
IRP II PIPELINE	TAKREER	GS ENGINEERING	Abu Dhabi -Al Ain Truck Road	12"	API 5L X 65	158
IRP II PIPELINE	TAKREER	GS ENGINEERING	Abu Dhabi -Al Ain Truck Road	12"	API 5L X 65	158
IRP II PIPELINE	TAKREER	GS ENGINEERING	Abu Dhabi -Al Ain Truck Road	6"	API 5L X 65	158
IRP II PIPELINE	TAKREER	GS ENGINEERING	Al Jumania Road Crossing	6"	HDPE	158
IRP II PIPELINE	TAKREER	GS ENGINEERING	By Pass Road To Heavy Vehicle Monitoring Station(DOT) At Musaffah E11 Road	10" + 6"	API 5L X 60	148
IRP II PIPELINE	TAKREER	GS ENGINEERING	Utility Crossing	28"	API 5L X 70	148
IRP II PIPELINE	TAKREER	GS ENGINEERING	Utility Crossing	28"	API 5L X 70	148



EXPERIENCE LIST – HDD WORKS

ENGINEERED EXCELLENCE

Project	Owner	Main Contractor	Description Road/ Highway/Utility	Pipe Diameter	Pipe Grade	Crossing Length (Mtr.)
IRP II PIPELINE	TAKREER	GS ENGINEERING	Utility Crossing	6"	HDPE	148
IRP II PIPELINE	TAKREER	GS ENGINEERING	By Pass Road To Heavy Vehicle Monitoring Station(DOT) At Musaffah E11 Road	10" + 6"	API 5L X 60	146
IRP II PIPELINE	TAKREER	GS ENGINEERING	Access Road To Substation(TRANSCO), Battery Energy Storage	10" + 6"	API 5L X 60	145
IRP II PIPELINE	TAKREER	GS ENGINEERING	Access Road To Petrol Station Out Going (Mussaffah To Tarif)	10" + 6"	API 5L X 60	143
IRP II PIPELINE	TAKREER	GS ENGINEERING	Abu Dhabi Refinery Access Road	10" + 6"	API 5L X 60	142
IRP II PIPELINE	TAKREER	GS ENGINEERING	26th Street Crossing	10" + 6"	API 5L X 60	140
IRP II PIPELINE	TAKREER	GS ENGINEERING	Water Pipeline Crossing	10" + 6"	API 5L X 60	140
IRP II PIPELINE	TAKREER	GS ENGINEERING	Road	10" + 6"	API 5L X 60	139
IRP II PIPELINE	TAKREER	GS ENGINEERING	Asphalt Road	20" + 6"	API 5L X 65	138
IRP II PIPELINE	TAKREER	GS ENGINEERING	Utility Crossing (TAKREER)	28"	API 5L X 70	137
IRP II PIPELINE	TAKREER	GS ENGINEERING	Utility Crossing (TAKREER)	28"	API 5L X 70	137
IRP II PIPELINE	TAKREER	GS ENGINEERING	Utility Crossing (TAKREER)	6"	HDPE	137
IRP II PIPELINE	TAKREER	GS ENGINEERING	Farm Access Road From Truck Road	12"	API 5L X 65	136
IRP II PIPELINE	TAKREER	GS ENGINEERING	Village Access Road From Truck Road	12"	API 5L X 65	136
IRP II PIPELINE	TAKREER	GS ENGINEERING	Farm Access Road From Truck Road	12"	API 5L X 65	136
IRP II PIPELINE	TAKREER	GS ENGINEERING	Village Access Road From Truck Road	12"	API 5L X 65	136
IRP II PIPELINE	TAKREER	GS ENGINEERING	Farm Access Road From Truck Road	6"	API 5L X 65	136
IRP II PIPELINE	TAKREER	GS ENGINEERING	Village Access Road From Truck Road	6"	API 5L X 65	136



EXPERIENCE LIST – HDD WORKS

ENGINEERED EXCELLENCE

Project	Owner	Main Contractor	Description Road/ Highway/Utility	Pipe Diameter	Pipe Grade	Crossing Length (Mtr.)
IRP II PIPELINE	TAKREER	GS ENGINEERING	Maqta Gas Pipeline Crossing	10" + 6"	API 5L X 60	135
IRP II PIPELINE	TAKREER	GS ENGINEERING	GASCO Pipeline Crossing	20" + 6"	API 5L X 65	135
IRP II PIPELINE	TAKREER	GS ENGINEERING	Utility Crossing (TAKREER)	28"	API 5L X 70	133
IRP II PIPELINE	TAKREER	GS ENGINEERING	Utility Crossing (TAKREER)	28"	API 5L X 70	133
IRP II PIPELINE	TAKREER	GS ENGINEERING	14 th Street/Twam Street	12"	API 5L X 65	133
IRP II PIPELINE	TAKREER	GS ENGINEERING	14 th Street/Twam Street	12"	API 5L X 65	133
IRP II PIPELINE	TAKREER	GS ENGINEERING	14 th Street/Twam Street	6"	API 5L X 65	133
IRP II PIPELINE	TAKREER	GS ENGINEERING	Utility Crossing (TAKREER)	6"	HDPE	133
IRP II PIPELINE	TAKREER	GS ENGINEERING	Newly Constructed Road	12"	API 5L X 65	131
IRP II PIPELINE	TAKREER	GS ENGINEERING	Newly Constructed Road	12"	API 5L X 65	131
IRP II PIPELINE	TAKREER	GS ENGINEERING	Newly Constructed Road	6"	API 5L X 65	131
IRP II PIPELINE	TAKREER	GS ENGINEERING	Al Dhafra Private Road	10"+6"	API 5L X 64	130
IRP II PIPELINE	TAKREER	GS ENGINEERING	IRP I Pipeline Crossing (Behind Sas Al Nakheel Villas)	20" + 6"	API 5L X 65	130
IRP II PIPELINE	TAKREER	GS ENGINEERING	Farm Access Road From Truck Road	12"	API 5L X 65	130
IRP II PIPELINE	TAKREER	GS ENGINEERING	Farm Access Road From Truck Road	12"	API 5L X 65	130
IRP II PIPELINE	TAKREER	GS ENGINEERING	Farm Access Road From Truck Road	6"	API 5L X 65	130
IRP II PIPELINE	TAKREER	GS ENGINEERING	Newly Constructed Road	12"	API 5L X 65	126
IRP II PIPELINE	TAKREER	GS ENGINEERING	Newly Constructed Road	12"	API 5L X 65	126
IRP II PIPELINE	TAKREER	GS ENGINEERING	Newly Constructed Road	6"	API 5L X 65	126



EXPERIENCE LIST – HDD WORKS

ENGINEERED EXCELLENCE

Project	Owner	Main Contractor	Description Road/ Highway/Utility	Pipe Diameter	Pipe Grade	Crossing Length (Mtr.)
IRP II PIPELINE	TAKREER	GS ENGINEERING	Al Dhafra Air Base Road	12"	API 5L X 65	123
IRP II PIPELINE	TAKREER	GS ENGINEERING	Al Dhafra Air Base Road	12"	API 5L X 65	123
IRP II PIPELINE	TAKREER	GS ENGINEERING	Al Dhafra Air Base Road	6"	API 5L X 65	123
IRP II PIPELINE	TAKREER	GS ENGINEERING	Service Road From Al Ain Truck Road	12"	API 5L X 65	122
IRP II PIPELINE	TAKREER	GS ENGINEERING	Service Road From Al Ain Truck Road	12"	API 5L X 65	122
IRP II PIPELINE	TAKREER	GS ENGINEERING	Service Road From Al Ain Truck Road	6"	API 5L X 65	122
IRP II PIPELINE	TAKREER	GS ENGINEERING	Village Access Road From Truck Road	12"	API 5L X 65	121
IRP II PIPELINE	TAKREER	GS ENGINEERING	Village Access Road From Truck Road	12"	API 5L X 65	121
IRP II PIPELINE	TAKREER	GS ENGINEERING	Village Access Road From Truck Road	6"	API 5L X 65	121
IRP II PIPELINE	TAKREER	GS ENGINEERING	Zakher ADNOC Station Road & Wall	12"	API 5L X 65	120
IRP II PIPELINE	TAKREER	GS ENGINEERING	Zakher ADNOC Station Road & Wall	6"	API 5L X 65	120
IRP II PIPELINE	TAKREER	GS ENGINEERING	Utility Crossing	28"	API 5L X 70	110
IRP II PIPELINE	TAKREER	GS ENGINEERING	Utility Crossing	28"	API 5L X 70	110
IRP II PIPELINE	TAKREER	GS ENGINEERING	Utility Crossing	6"	HDPE	110
IRP II PIPELINE	TAKREER	GS ENGINEERING	Road Inside Wadi	12"	API 5L X 65	104
IRP II PIPELINE	TAKREER	GS ENGINEERING	Road Inside Wadi	12"	API 5L X 65	104
IRP II PIPELINE	TAKREER	GS ENGINEERING	Road Inside Wadi	6"	API 5L X 65	104
IRP II PIPELINE	TAKREER	GS ENGINEERING	Zakher ADNOC Station Road & Wall	12"	API 5L X 65	103
IRP II PIPELINE	TAKREER	GS ENGINEERING	Road	8"+6"	API 5L X 60	100



EXPERIENCE LIST – HDD WORKS

ENGINEERED EXCELLENCE

Project	Owner	Main Contractor	Description Road/ Highway/Utility	Pipe Diameter	Pipe Grade	Crossing Length (Mtr.)
IRP II PIPELINE	TAKREER	GS ENGINEERING	Link Road From Truck Road Round About	12"	API 5L X 65	99
IRP II PIPELINE	TAKREER	GS ENGINEERING	Link Road From Truck Road Round About	12"	API 5L X 65	99
IRP II PIPELINE	TAKREER	GS ENGINEERING	Link Road From Truck Road Round About	6"	API 5L X 65	99
IRP II PIPELINE	TAKREER	GS ENGINEERING	IRP 1 Pipeline Crossing (Behind Sas Al Nakheel Villas)	10" + 6"	API 5L X 60	96
IRP II PIPELINE	TAKREER	GS ENGINEERING	Road	8"+6"	API 5L X 60	96
IRP II PIPELINE	TAKREER	GS ENGINEERING	Al Dhafra Private Road	10"+6"	API 5L X 65	90
IRP II PIPELINE	TAKREER	GS ENGINEERING	Road	10" + 6"	API 5L X 60	89
IRP II PIPELINE	TAKREER	GS ENGINEERING	TRANSCO Pipeline Crossing	12"	API 5L X 65	88
IRP II PIPELINE	TAKREER	GS ENGINEERING	Transco Pipeline Crossing	12"	API 5L X 65	88
IRP II PIPELINE	TAKREER	GS ENGINEERING	TRANSCO Pipeline Crossing	6"	API 5L X 65	88
IRP II PIPELINE	TAKREER	GS ENGINEERING	Concrete Wall	10" + 6"	API 5L X 60	87
IRP II PIPELINE	TAKREER	GS ENGINEERING	Al Dhafra Private Road	10" + 6"	API 5L X 60	86
IRP II PIPELINE	TAKREER	GS ENGINEERING	IRP I Pipeline Crossing	20" + 6"	API 5L X 65	86
IRP II PIPELINE	TAKREER	GS ENGINEERING	Al Dhafra Private Road	8"	API 5L X 61	83
IRP II PIPELINE	TAKREER	GS ENGINEERING	Road	10" + 6"	API 5L X 60	83
IRP II PIPELINE	TAKREER	GS ENGINEERING	Farm Access Road From Truck Road	12"	API 5L X 65	83
IRP II PIPELINE	TAKREER	GS ENGINEERING	Farm Access Road From Truck Road	12"	API 5L X 65	83
IRP II PIPELINE	TAKREER	GS ENGINEERING	Farm Access Road From Truck Road	6"	API 5L X 65	83
IRP II PIPELINE	TAKREER	GS ENGINEERING	Pipeline Crossing	10" + 6"	API 5L X 60	80



EXPERIENCE LIST – HDD WORKS

ENGINEERED EXCELLENCE

Project	Owner	Main Contractor	Description Road/ Highway/Utility	Pipe Diameter	Pipe Grade	Crossing Length (Mtr.)
IRP II PIPELINE	TAKREER	GS ENGINEERING	Road	10" + 6"	API 5L X 60	80
IRP II PIPELINE	TAKREER	GS ENGINEERING	Al Dhafra Private Road	8"	API 5L X 62	60
IRP II PIPELINE	TAKREER	GS ENGINEERING	Al Dhafra Private Road	8"+6"	API 5L X 66	60
IRP II PIPELINE	TAKREER	GS ENGINEERING	Al Dhafra Private Road	10"	API 5L X 66	58
IRP II PIPELINE	TAKREER	GS ENGINEERING	Al Dhafra Private Road	10+6"	API 5L X 67	58
IRP II PIPELINE	TAKREER	GS ENGINEERING	Al Dhafra Private Road	10"+6"	API 5L X 63	53

EXPERIENCE LIST – MAINTENANCE WORKS

Sr No.	Project Reference	Description	Client	Year	Status
OPERATION AND MAINTENANCE WORKS					
1	Contract No.15474.02	Provision of welding and pipeline maintenance services for replacement of flowlines for three years in ADCO fields	ADCO	2014	In Progress
2	SWO - 5000000177	Monitoring of Launcher, Receiver stations & patrolling of Approximately 47 kilometer pipeline.	Al Ain Cement Factory	2014	Completed
3	SWO 5040199	Emergency Operation & Maintenance Services (EOM) for ICAD Facilities.	GASCO	2011	Completed
4	Agreement No: 158633101/2010	Carryout Inspection & Repair as per API 650 to Water Tank 81-TK-101B	GASCO	2010	Completed
5	SWO - ITT No: 1590371	Supply, Installation & Welding of Split Sleeve (2.7m) on 16" Habshan Ruwais Condensate Pipeline	GASCO	2010	Completed
6	Agreement No: 144318	Supply, Installation & Welding of Split Sleeve (7 no's) on 16" Habshan Ruwais Condensate Pipeline	GASCO	2008	Completed
7	SWO 131045.101	Emergency Repair Work on 30" BAB - MAQTA Gas Pipeline	GASCO	2008	Completed
8	SWO 126883	81-TK-101 A, API 650 Water Tank Inspection & Repair	GASCO	2007	Completed

Sr No.	Project Reference	Description	Client	Year	Status
PIPELINE AND SYSTEMS MAINTENANCE					
1	NC-UOP-046(B) TO # 02 P1 RS-2014	Civil works and LRUT inspection	Dolphin Energy	2014	In progress
2	NC-UOP-046(B) TO # 21 P1 RS	Installation of 863-PCV-006 at UOBS	Dolphin Energy	2014	Completed
3	NC-UOP-046(B) TO # 20 P1 RS	Servicing of Valves	Dolphin Energy	2013	Completed
4	NC-UOP-046(B) TO # 18 P1 RS	Installation of valves - TFP projects	Dolphin Energy	2012	Completed
5	NC-UOP-046(B) TO # 19 P1 RS	Assistance for PV maintenance at TRF	Dolphin Energy	2012	Completed
6	NC-UOP-046(B) TO # 16	Passive Shelter Repair SV1, SV 2 & SV6	Dolphin Energy	2012	Completed
7	NC-UOP-046(B) TO # 17	Instrument air compressor repair works	Dolphin Energy	2012	Completed
8	NC-UOP-046(B) TO # 09	Repairing of Air Compressor in TRF	Dolphin Energy	2011	Completed
9	NC-UOP-046(B) TO # 10	Qidfa UFM Calibration	Dolphin Energy	2011	Completed
10	NC-UOP-046(B) TO#11	TRF Heater Modification 860-101/201/301	Dolphin Energy	2011	Completed
11	NC-UOP-046(B) TO#12	Inergen Cylinder Testing	Dolphin Energy	2011	Completed

Sr No.	Project Reference	Description	Client	Year	Status
PIPELINE AND SYSTEMS MAINTENANCE					
12	NC-UOP-046(B) TO # 02	Monitoring & Control of DEL Facilities on 30" MAQTA-AL-AIN Gas Pipeline at SV6 & SV9	Dolphin Energy	2010	Completed
13	NC-UOP-046(B) TO # 01 Rev.1	Modification of Inergen System at LCR Taweebah, Replacement of Existing Manual Call point by New Explosion Proof ESD Pushbutton, Cable Laying and Termination for F&G, HVAC, Modification of FACP Panel.	Dolphin Energy	2010	Completed
14	NC-UOP-046(B) TO # 03	Repair of Rectifier Unit at Jabel Ali and Replacement of CP Rectifier Controller Unit at SV3, Maqta Jabel Ali Pipeline.	Dolphin Energy	2010	Completed
15	NC-UOP-046(B) TO # 04	CP Cable Replacement & Shed for Junction Box	Dolphin Energy	2010	Completed
16	NC-UOP-046(B) TO # 05	SV Solar System Replacement	Dolphin Energy	2010	Completed
17	NC-UOP-046(B) TO # 06	CIPS & DCVG for 36" Maqta to Umm Al Nar U/G Pipeline	Dolphin Energy	2010	Completed
18	NC-UOP-046(B) TO # 07	Metering Maintenance Network & Installation of O2 Analyzer	Dolphin Energy	2010	Completed
19	NC-UOP-046(B) TO # 08	Maqta RTU Segregation	Dolphin Energy	2010	Completed

Sr No.	Project Reference	Description	Client	Year	Status
RIGHT OF WAY MAINTENANCE					
1	NO-TSD-065	EPRS Material stacking at Al Ain station	Dolphin Energy	2014	In Progress
2	TO # 01 P3 RS-2014	Sand clearing from inside and outside of TFP BV-05 station	Dolphin Energy	2014	In Progress
3	NC-UOP-048(D) TO # 32 P3 RS	ROW maintenance works due to Rain at AFP and TFP	Dolphin Energy	2013	Completed
4	NC-UOP-048(D) TO # 29 P3 RS	UOP House Keeping	Dolphin Energy	2013	Completed
5	NC-UOP-048(D) TO # 31 P3 RS	ROW maintenance works due to Rain	Dolphin Energy	2013	Completed
6	NC-UOP-048(D) TO # 30 P3 RS	Washout near Al Ain Station due to TRANSCO Pipe Burst	Dolphin Energy	2013	Completed
7	NC-UOP-048(D) TO # 28 P3 RS	Emergency works Transco wash out	Dolphin Energy	2013	Completed
8	NC-UOP-048(D) TO # 27 P3 RS	Installation of Perimeter Fence at Tie-in Station (KP 42+900 MJPL)	Dolphin Energy	2013	Completed
9	NC-UOP-048(D) TO # 26 P3 RS	Fencing at Qidfa Station	Dolphin Energy	2013	Completed
10	NC-UOP-048(D) TO # 24 P3 RS	Pipe stack and Lay down area in Al Ain	Dolphin Energy	2012	Completed
11	NC-UOP-048(D) TO # 25 P3 RS	ROW repair works for Al Ain-Fujairah Pipeline (AFP) and Taweeleh-Fujairah Pipeline (TFP)	Dolphin Energy	2012	Completed
12	NC-UOP-048(D) TO # 22	Exposed Maqta Al Ain Pipeline repair	Dolphin Energy	2012	Completed
13	NC-UOP-048(D) TO # 12	Fence repair Between SV 6 and SV 7 on MAP	Dolphin Energy	2011	Completed
14	NC-UOP-048(D) TO # 14	ROW Maintenance and Fence Repair	Dolphin Energy	2011	Completed
15	NC-UOP-048(D) TO # 16	Washout Repair at Al Ain Station due to TRANSCO Pipe Burst	Dolphin Energy	2011	Completed
16	NC-UOP-048(D) TO # 2	Washout Repair at Al Ain Fujairah Pipeline KP .500 due to damaged pipeline of TRANSCO	Dolphin Energy	2010	Completed

Sr No.	Project Reference	Description	Client	Year	Status
RIGHT OF WAY MAINTENANCE					
17	NC-UOP-048(D) TO # 03	Fence Modification Works on Maqta – Jebel Ali Pipeline	Dolphin Energy	2010	Completed
18	NC-UOP-048(D) TO # 04	Additional Fencing at Al Ain Station	Dolphin Energy	2010	Completed
19	NC-UOP-048(D) TO # 05	ROW & Fence Maintenance on Al Ain – Fujairah Pipeline	Dolphin Energy	2010	Completed
20	NC-UOP-048(D) TO # 06	Al Ain Station Flooding	Dolphin Energy	2010	Completed
21	NC-UOP-048(D) TO # 08	ROW maintenance (Maqta – Jabel Ali Pipeline)	Dolphin Energy	2010	Completed
22	NC-UOP-048(D) TO # 09	Al Ain - Fujairah Line wash out at KP 0 + 500	Dolphin Energy	2010	Completed
23	NC-UOP-048(D) TO # 01 R1	Re-instatement of wash out area at KM 135.4 of Al-Ain - Fujairah Pipeline	Dolphin Energy	2010	Completed
PROVISION OF LABOUR, EQUIPMENT & MATERIALS					
1	NC-UOP-049 (C) TO # 05 P4 RS	Manpower and equipment for Pigging activities Maqta and TRF	Dolphin Energy	2012	Completed
2	NC-UOP-049 (C) TO # 01	Hire of Showel	Dolphin Energy	2011	Completed
3	NC-UOP-049 (C) TO # 02	Hire of Air Compressor on Weekly Basis	Dolphin Energy	2011	Completed
BUILDING GENERAL MAINTENANCE					
1	NC-UOP-047(C) TO # 01	Supply and Installation of 5 Mtr wide Gate along with 1 meter Man access Gate.	Dolphin Energy	2011	Completed
2	NC-UOP-047(C) TO # 02	HVAC System Upgrade	Dolphin Energy	2011	Completed



RESOURCES

SI No.	RESOURCE
1	Human Resources
2	Major Plant and Equipment
3	Infrastructure and Facilities



ENGINEERED EXCELLENCE

MANPOWER

POSITION	NO's
Management Staff	35
Planning & Estimation Engineers	11
Procurement / Engineering	22
Construction Engineers / Superintendent	63
Supervisors / Foreman	192
QA/QC Engineers / Inspectors	56
HSE Engineers/ Officers	58
Surveyors	7
Administration Staff	28
Material Control Staff	22
Welders	145
HDD Drillers / Trackers / Riggers	62
Fitters / Fabricators	165
Plant Operators	98
Painters / Blasters	75
Semi Skilled/Helpers	741
TOTAL	1,780

PTW (Permit to work) HOLDERS FOR VARIOUS OIL & GAS COMPANIES IN U.A.E

DESCRIPTION	NO's
PTW holders for TAKREER	14
JPs holders for ADCO	95
PTW holders for ADNOC DISTRIBUTION	21
PTW holders for GASCO	28
PTW holders for DOLPHIN ENERGY	8
PTW holders for TRANSCO	3

Note:

- We have long term association and agreement with reputed manpower suppliers and have huge data bank for early mobilization of skilled and semi skilled manpower on project basis as and when required.

PLANT & EQUIPMENT

Sl. #	DESCRIPTION	CAPACITY	QTY.
Lifting and Construction Equipment			
1	Pipelayer/Side Boom	583 / 572	35
2	Crane	75 T / 50T / 35 T	20
3	Excavator / JCB / Telehandler	CAT 320 / JCB 3C	39
4	HDD Rig spread	160T / 50T / 40T	4
5	Downhole tools for Drilling	Various	LOT
6	Rock tools for Drilling	Various	LOT
7	Mud motor for Drilling	Various	2
8	Welding Machines / Rectifiers	400 / 300 AMP	109
9	Compressors	935 cfm/375 cfm	16
10	Generator	30/50/100/250 KVA	15
11	Pipe bending Machine	Various	2
12	Pipe Cutter - Cold cutting	Various	Lot
13	Internal / External Line Up Clamps	Various	Lot
14	Rolly Cradles	Various	Lot
15	Concrete vibrators	Various	12



ENGINEERED EXCELLENCE

Sl. #	DESCRIPTION	CAPACITY	QTY.
16	Concrete mixer	Lombardini	15
17	Rollers / Plate Compactors	Various	19
18	Container Store / Site Office	20 / 40 FT.	38
Testing Equipment			
19	Hydrotest Equip, Cabin with dead weight tester	Various	5
20	Filling pump / Pressurizing pump / Dewatering	Various	15
21	Drying Equipment	Sullair	1
22	Holiday Detector Elcometer - 25KV/Spy – 40KV	Various	12
23	Survey Instruments / Total Station	Various	14
24	GPS	Garmin, Sigma	5
25	Digi Clamp meter	FLUKE, 375K	10
26	Pipe / Cable Detector	Various	8
27	OTDR Machine	Various	2
28	Splicing Machine	Various	2
Transportation			
29	Truck with Mobile Crane	Hiab	14
30	Mini Loader	Power Plus	1

Sl. #	DESCRIPTION	CAPACITY	QTY.
31	Trailers	20/40 Tons	25
32	Fuel Truck	3000 GL	5
33	Pickup	1/3 Ton	30
34	Cars	Various	20
35	Land Cruiser /Fortuner 4x4	Various	25
36	Bus	9/15/30/50/56 Seater	34
37	Dump Truck	Various	16
38	Water Tanker	Various	10

Note:

- Our long term association and agreements with local suppliers for equipment has been instrumental in provision of uninterrupted services to our clients as more equipment can be mobilized in the shortest span as per the project requirements.
- Our equipment pass through stringent safety check first internally and then certified by Third parties before mobilization to any site.
- We are well aware of CICPA (Critical Infrastructure and Coastal Protection Authority) pass requirements and most of our fleet is having valid passes to work in Oil Field projects with valid CICPA passes.



ENGINEERED EXCELLENCE

INFRASTRUCTURE AND FACILITIES

Head Office- ABU DHABI, U.A.E

ROBT.STONE (ME) LLC.
106, Bin Awdah Tower, Electra Street, Abu Dhabi.

Details: 400 Square Meters office space.

50 work stations with Computers, printers, copiers and furniture etc. Microsoft Windows, Auto CAD, Primavera and Accounts Software. Telephones, Fax, Internet, Projector and Conference Facilities.

Project Office- MUSAFFAH, ABU DHABI, U.A.E

ROBT.STONE (ME) LLC.
Sector no: 9, Building no: ME96, Behind Al Safeer Mall, Musaffah, Abu Dhabi.

Details: 480 Square Meters office space.

70 work stations with Computers, printers, copiers and furniture etc. Microsoft Windows, Auto CAD, Primavera and Accounts Software. Telephones, Fax, Internet, Projector and Conference Facilities.

Branch Office-DUBAI, U.A.E

ROBT.STONE (ME) LLC.
901, Fortune Tower, Jumeirah Lakes Towers, Sheikh Zayed Road, P.O. Box 123340, Dubai.

Details: 100 Square Meters office space.

15 work stations with Computers, printers, copiers and furniture etc. Microsoft Windows, Auto CAD, Primavera and Accounts Software. Telephones, Fax, Internet, Projector and Conference Facilities.



ENGINEERED EXCELLENCE

INFRASTRUCTURE AND FACILITIES

Industrial Yard / Camp Facilities in Habshan on Buhasa Road, Abu Dhabi, U.A.E

70,000 Square Meters total industrial and camp facilities consisting of:

- Site offices.
- Stores.
- Fabrication workshop.
- Precast yard.
- Portacabin Camp facilities

Industrial Yard in Sweihan Road, Abu Dhabi, U.A.E

20,000 Square Meters total industrial yard, consists of:

- Centre Stores.
- Ware houses.
- Fabrication shop.
- Painting and Blasting Yard.
- Equipment maintenance workshop.

Industrial Yard / Camp Facilities, Al Dabbiya, Abu Dhabi, U.A.E

144,000 Square Meters total industrial yard, consists of:

- Site offices.
- Stores.
- Fabrication workshop.
- Precast yard.
- Portacabin Camp facilities

Fabrication Shop in ICAD, Al Ain, U.A.E

20,000 Square Meters of fabrication shop, consists of:

- Site offices.
- Fabrication / testing facility.
- Storage yard.



ENGINEERED EXCELLENCE

QUALITY ASSURANCE AND QUALITY CONTROL

SI No.	DESCRIPTION
1	Introduction
2	ISO 9001 Certification
3	Quality policy
4	Waste Reduction Policy
5	Quality Management System Manual Index



ENGINEERED EXCELLENCE

QUALITY SYSTEM

At **ROBT.STONE**, quality is not just a system, but a culture that covers the length and breadth of our organization. Consequently, the Quality Assurance department not only implements a system, but maintains this culture. We firmly believe that our Clients will return only if and when their expectations are fully met.

Our Quality and HSE Functions are managed by independent team of professionals, Our Quality Management System is certified to ISO 9001:2008, Regular Quality Audits critically ascertain, identify and evaluate the presence and compliance of norms specified in our Quality Manuals.

We implement the Quality Culture and system with a Motto **“Do it Right, First time and Every Time”**.



Management Service

ZERTIFIKAT ■ CERTIFICATE ■ CEPTIFIKAT ■ CERTIFICADO ■ CERTIFICAT

CERTIFICATE

The Certification Body
of TÜV SÜD Management Service GmbH

certifies that

Robt Stone (ME) L.L.C
P.O.Box : 39588, 106 Bin Awdah Tower,
Electra Street
Abu Dhabi
United Arab Emirates

has established and applies
a Quality Management System for

Provision of Project Management,
Design and Detailed Engineering, Procurement,
Construction and Maintenance Services in
Civil, Mechanical, Electrical and Instrumentation Disciplines
for Oil & Gas Process Plants and Cross Country Pipelines,
Including Horizontal Directional Drilling (HDD)/Non –
Destructive Road Crossings (NDRC) works.

An audit was performed, Report No. **70759741**.

Proof has been furnished that the requirements
according to

ISO 9001:2008

are fulfilled.

The certificate is valid from **2016-01-08** until **2018-09-14**.

Certificate Registration No.: **12 100 37962 TMS**.

Product Compliance Management
Munich, 2015-12-01





QUALITY POLICY

At ROBT.STONE, Every Employee is committed to comply with customer requirements and continually improve the effectiveness of Quality management system in Every Sphere of activity.

ROBT.STONE shall execute the projects to achieve maximum customer satisfaction with best quality system implementation in all its process of execution of the projects.

Above objectives shall be achieved by complying with all national and international standards, codes, applicable legal and regulatory requirements.

ROBT.STONE is committed to be a leading EPC Contractor in oil and gas pipeline and process plants, by optimization use of resources and reducing environment impact, ensuring cost effective execution and delivering the projects on schedule.

RSME shall meet the motto "Success through Quality" by

- Monitoring and measuring the activities.
- Continually improving the process and Quality Management systems.
- Working together with all the stake holders to meet the project requirements.
- Investing in latest technology and best suitable equipment & qualified resources.
- Implementing and meeting the customer and employees requirements.

By implementing the strict compliance to quality policy, we at ROBT.STONE endorse our commitment to carry out our business with the best quality and professional manner to the full satisfaction of all our customers.

A handwritten signature in black ink, appearing to read "V.K. MADAN", is placed over a horizontal line.

V.K. MADAN

CHAIRMAN AND MANAGING DIRECTOR
ROBT.STONE (ME) LLC

 ROBT. STONE (ME) LLC P.O.Box. 39588, Abu Dhabi, UAE	Document Title:	Quality Management System Manual
	Document No:	RSME-QMS-001
	Revision Status	Rev 7 Issued on 20.11.2014

**CONTROLLED
COPY**

Quality Management System Manual

Revision Control

7	20.11.2014	Reissued for Implementation	<i>Wand</i>	<i>Abdullah</i>	<i>M. Ramak</i>
Rev	Date	Description	Prepared by QA/QC Engineer	Reviewed by Sr. QA/QC Engineer	Approved by QA/QC Manager

 ROBT. STONE (ME) LLC P.O.Box. 39588, Abu Dhabi, UAE	Document Title:	Quality Management System Manual
	Document No:	RSME-QMS-001
	Revision Status	Rev 7 Issued on 20.11.2014

Revision History

Revision number	Revision Date	Section	Summary of Revision / Change
0	15.08.2006	All Sections	Issued for Implementation
1	20.12.2006	All Sections	Revised as per ISO Pre Assessment Audit
2	22.12.2007	All Sections	Reissued for implementation after incorporation of comments from certification agency made during surveillance Audit.
3	22.07.2009	All Sections	Revised to incorporate the requirements of ISO 9001:2008 Version
4	23.12.2010	All Sections	Reissued for Implementation
5	25.09.2012	All Sections	Reissued for Implementation
6	03.12.2013	All Sections	Reissued for Implementation after incorporating revised quality policy



ROBT. STONE (ME) LLC

P.O.Box. 39588, Abu Dhabi, UAE

Document Title: **Quality Management System Manual**

Document No: RSME-QMS-001

Revision Status Rev 7 Issued on 20.11.2014

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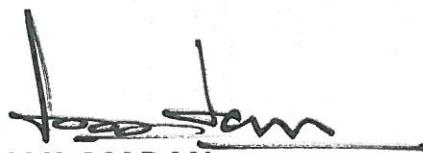


WASTE REDUCTION POLICY

At ROBT.STONE, We are committed to continuous improvement of waste management practices to reduce the environmental impact of our operation through appropriate ongoing material management. The company acknowledges its legal duty to comply with provisions of current environmental and inter-related waste management legislation, and shall act responsibly to manage waste in support of the following objectives:

- **Reduction of waste at source:** All construction sites and offices must manage operations to reduce the quantity or toxicity of waste produced.
- **Reuse of material:** All products and materials must be reused wherever possible.
- **Recycling:** Identifying and segregating materials in appropriate marked containers for recycling.
- **Responsible Disposal:** Ensure that waste disposal, recycle and reuse are undertaken in a safe, scientific and environmentally sound manner as per current local waste management rules and regulation.

This waste reduction policy, together with our management system, shall be periodically reviewed to ensure the continued relevance and suitability to our activities.



V.K. MADAN

CHAIRMAN AND MANAGING DIRECTOR
ROBT.STONE (ME) LLC



ENGINEERED EXCELLENCE

HEALTH SAFETY AND ENVIRONMENT

SI No.	DESCRIPTION
1	Introduction
2	ISO 14001 Certification
3	BS OHSAS 18001 Certification
4	Environment, Occupational Health and Safety policy
5	Employee Welfare policy
6	Fog Control Policy
7	Alcohol, Drug and Substance abuse Policy
8	Environmental Purchasing Policy
9	EOHS Management System Manual Index
10	HSE Statistics



ENGINEERED EXCELLENCE

EOHS (ENVIRONMENT, OCCUPATIONALHEALTH SAFETY SYSTEM)

At **ROBT.STONE**, Safety is culture, we believe in executing projects with “**Safety in Hearts and Minds**”. Safety is paramount, **Safety First**, in any of our acts and decision speaks about our commitment towards safety for human life, asset and environment. We understand our social and economic responsibilities towards Environment, Occupational Health and Safety Systems and thrive to achieve the best in the same by implementing the systems. Our EOHS Management System is certified to ISO 14001:2004 & BS OHSAS 18001:2007.



Management Service

CERTIFICATE

The Certification Body
of TÜV SÜD Management Service GmbH

certifies that

Robt Stone (ME) L.L.C

P.O.Box: 39588, 106 Bin Awdah Tower, Electra Street
Abu Dhabi, United Arab Emirates

has established and applies
an Environmental Management System for

Provision of Project Management,
Detailed Engineering, Procurement, Construction
and Maintenance Services in Civil, Mechanical, Electrical
and Instrumentation Disciplines for Oil & Gas Process Plants and
Cross Country Pipelines, Including Horizontal Directional Drilling
(HDD)/Non – Destructive Road Crossings (NDRC) works.

An audit was performed, Report No. 70759741.

Proof has been furnished that the requirements
according to

ISO 14001:2004

are fulfilled. The certificate is valid from 2014-12-30 until 2016-07-26.

Certificate Registration No. 12 104 37962 TMS

M. Wegner

Product Compliance Management
Munich, 2014-12-30



Deutsche
Akkreditierungsstelle
D-ZM-14143-01-04



Management Service

CERTIFICATE

The Certification Body
of TÜV SÜD Management Service GmbH

certifies that

Robt Stone (ME) L.L.C

P.O.Box: 39588, 106 Bin Awdah Tower, Electra Street
Abu Dhabi, United Arab Emirates

has established and applies
an Occupational Health and Safety Management System for

Provision of Project Management,
Detailed Engineering, Procurement, Construction
and Maintenance Services in Civil, Mechanical, Electrical
and Instrumentation Disciplines for Oil & Gas Process Plants and
Cross Country Pipelines, Including Horizontal Directional Drilling
(HDD)/Non – Destructive Road Crossings (NDRC) works.

An audit was performed, Report No. 70759741.

Proof has been furnished that the requirements
according to

OHSAS 18001:2007

are fulfilled. The certificate is valid from 2014-12-30 until 2016-07-26.

Certificate Registration No. 12 116 37962 TMS

M. Wegner

Product Compliance Management
Munich, 2014-12-30



Deutsche
Akkreditierungsstelle
D-ZM-14143-01-05



ENVIRONMENT, OCCUPATIONAL HEALTH & SAFETY POLICY

We at ROBT.STONE are committed to protect the environment and Demonstrate occupational health and safety performance of the organization through,

- Continual improvement in our operations related to our services by conservative use of natural resources like water, fuel, energy and other natural products.
- Prevent pollution by implementing Reduce, Reuse and Recycle methods, control of process emission by incorporating new technologies.
- Focus on prevention of pollution, injury and ill health.
- Complying with all applicable environmental, occupational health and Safety Legislation and other requirements.
- Educating and motivating our employees and sub contractors and providing training to enhance their competence and awareness.
- Conservation of resources and reduction in waste.
- Continual improvement of Environment, Occupational Health and Safety performance through monitoring and review of set objectives and targets.

We at ROBT.STONE endorse our commitment to carry out our business with the best of Environment, Occupational Health and Safety standards.

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CHAIRMAN AND MANAGING DIRECTOR
ROBT.STONE (ME) LLC



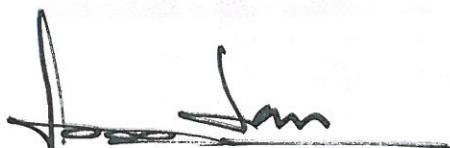
WELFARE POLICY

We at ROBT.STONE are committed to:

- Ensure the health and welfare of all our employees.
- Pay remunerations as applicable as per the Local Labor laws.
- Provision and maintenance of adequate welfare facilities.
- Provision of sufficient information, instruction, training and supervision as necessary to ensure the health and welfare of our employees.
- Ensuring continual improvement with corrective actions as and when required to have full compliance.

The Company shall provide adequate resources to promote best practice in the Employees welfare management with active involvement of all the stakeholders.

At ROBT.STONE, we consider that best welfare polices and its implementation is the basic success factor of Company Growth.



V.K. MADAN

**CHAIRMAN AND MANAGING DIRECTOR
ROBT.STONE (ME) LLC**



FOG CONTROL POLICY

We at ROBT.STONE are committed to:

- Prevent and minimize all road accidents and road use risk while driving in heavy fog.
- Comply with all applicable legal requirements and traffic rules and regulations.
- Provide training to the employees to enhance their competence and awareness.

The basic best practices we implement to train the drivers to confront with foggy weather while driving are as follows:

- To keep minimum safety gap of three seconds in ideal conditions; with the decreased visibility fog causes, this interval should be increased substantially.
- Slow down. Most fog-related traffic fatalities occur because someone was driving too fast and couldn't stop in time to avoid a collision.
- Make sure that your vehicle can be seen. Turn on fog lights, and use low beams. High beams direct light up into the fog making it difficult for driver to see. Low beams direct light down onto the road and help other drivers to see you.
- If you leave the road, be sure to pull off completely. Turn off your driving lights and turn on your flashers so others know you're there but won't think you are driving on the road.
- Always use your defroster and windscreen wipers in foggy conditions to keep the windows clear.
- Keep an eye on your speedometer and maintain a slow, constant speed.
- Remember that other drivers have a limited sight distance and that fog can leave roadways slick. Signals early, and when you use your brakes, don't stomp on them.

Co-operate with ROBT.STONE in promoting health and safety, these commitments and responsibilities apply whether ROBT.STONE supplies the vehicle or whether you use your own private vehicle on ROBT.STONE business.

Communicate this policy to all the persons working for or on behalf of ROBT.STONE.



V.K. MADAN

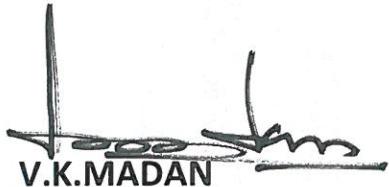
CHAIRMAN AND MANAGING DIRECTOR
ROBT.STONE (ME) LLC



ALCOHOL, DRUG & SUBSTANCE ABUSE POLICY

This policy applies to all employees at ROBT.STONE including sub vendors, sub contractors and service providers working with ROBT.STONE. All employees and other persons representing ROBT.STONE are expected to comply with the requirements of this policy. All employees are responsible for ensuring visitors comply with this policy. This policy forms part of the conditions under which contractors agree to work in ROBT.STONE's worksite

- Alcohol and other drugs shall not be consumed in the Company premises, camps, in work vehicles and site locations.
- No alcohol or other drugs are to be consumed at any time prior to commencing work or on break times and any one found abusing the policy shall be subject to disciplinary action.
- ROBT.STONE has a responsibility to identify and act on all workplace factors that may influence an employee using alcohol or drugs as a support, and implement a hazard management process to eliminate or control these risks.
- Any employee identified as having an alcohol or drug-related issue that is impinging on their ability to perform their duties:
 - Will be treated with respect and confidentiality
 - Can be assured that this incident will not be cause for discrimination in the future, with regards to their future employment and potential growth.



V.K.MADAN

CHAIRMAN AND MANAGING DIRECTOR
ROBT.STONE (ME) LLC



ENVIRONMENTAL PURCHASING POLICY

The aim of this policy is to ensure that products and services purchased or contracted shall be in line with ROBT.STONE Environmental Policy and in compliance with local Waste Management legal rules and Regulations.

We at ROBT.STONE will strive, where feasible to purchase environmentally preferable products and services that meet the company's needs by using products which comply the following:

- That reduce the use of chemicals those are hazardous to the environment and to the public.
- That contains the highest possible percentage of postconsumer recycled content.
- That reduces air and water pollution and reduces waste.
- That serves several functions to reduce the overall number of products purchased.
- Those are reusable or recyclable and will be purchased only on demand.

The purchases of environmentally preferable products and usages of environment friendly services is part of our corporate commitment to the environment. Appropriate resources shall be assigned to fulfill the requirements of this policy and it shall be periodically reviewed to ensure the compliance and suitability to our activities.

A handwritten signature in black ink, appearing to read "V.K. MADAN", is placed below the typed name.

V.K.MADAN

CHAIRMAN AND MANAGING DIRECTOR
ROBT.STONE (ME) LLC

 ROBT. STONE (ME) LLC P.O.Box. 39588, Abu Dhabi, UAE	Document Title:	Environment, Occupational Health & Safety Management System Manual
	Document No:	RSME-EOHSM-001
	Revision Status	Rev 02 Issued on 20.05.2012

CONTROLLED COPY

Environment, Occupational

Health & Safety Management

System Manual

Revision Control

Rev	Date	Description	Prepared by QHSE Engineer	Reviewed by QHSE Manager	Approved by Regional Manager Abu Dhabi - U.A.E.
2	20.05.2012	Reissued for Implementation	M. Faruqi	J. P. Alwi	
1	16.05.2010	Revised for implementation after incorporation of comments from certification agency made during EOHS MS Stage 1 Audit & also incorporated the requirements of ISO 14001:2009 standard	JM	JP	PI
0	07.03.2010	Issued for Implementation	Jose Mathews	Jayesh Panchal	





ROBT. STONE (ME) LLC
P.O.Box. 39588, Abu Dhabi, UAE

Document Title:	Environment, Occupational Health & Safety Management System Manual
Document No:	RSME-EOHSM-001
Revision Status	Rev 02 Issued on 20.05.2012

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2.0 to 2.6	EOHS Policy	4.2	15 to 17
3.0 to 3.2	Environmental aspects/Hazard Identification, risk assessment and determining controls.	4.3.1	18 to 20
	Legal & other requirements	4.3.2	
	Objectives, targets and programmes.	4.3.3	
4.0 to 4.6	Resources, roles, responsibility, accountability and authority	4.4.1	21 to 28
	Competence, training and awareness	4.4.2	
	Communication / Communication participation and consultation.	4.4.3	
	EOHSMS Documentation	4.4.4	
	Control of documents	4.4.5	
	Operational Control	4.4.6	
	Emergency preparedness and response	4.4.7	
5.0 to 5.4	Monitoring and Measurement/ Performance measurement and monitoring.	4.5.1	29 to 32
	Evaluation of compliance	4.5.2	
	Non-conformity, corrective action and preventive action. / Accident investigation, non conformity, corrective action and preventive action.	4.5.3	
	Control of records	4.5.4	
	Internal audit	4.5.5	
6.0	Management Review	4.6	33
Annexure-A	Linkage b/w Policy & Objectives	4.3.3	01 Page
Annexure-B	Organization Chart	4.4.1	01 Page
Annexure-C	EOHSMS Implementation Chart	4.4.1	01 Page
Annexure-D	Responsibilities and Authority Matrix	4.4.1	08 Pages
Annexure-E	Correspondence – EMS & OHSAS		01 Page

CONTROLLED
COPY



P.O.Box : 39588
Abu Dhabi - 11 A.E.

Page 2 of 33

HSE PERFORMANCE

SL.NO	HSE PARAMETERS	2013	2014	2015	2016
1	Total Hours Worked	1,850,274	3,147,735	1,733,803	1,761,898 (till date)
2	Reported Near Misses / Unsafe acts	7	4	76	29
3	First Aid cases	5	5	12	1
4	Incidents	3	3	4	2
5	Number of fatalities	0	0	0	0
6	Number of lost time injuries (LTI)	1	0	0	0
7	Frequency rate for each corresponding year	0.1	0	0	0
8	Man Days Lost	5	0	0	0
9	Severity Rate	0.5	0	0	0
10	Number of Environmental Incidents	0	0	0	0

$$* \text{ Frequency Rate} = \frac{\text{No.of LTI Cases}}{\text{Total Man-hours worked}} \times 200,000$$

$$* \text{ Severity Rate} = \frac{\text{Man-days Lost due to LTI}}{\text{Total Man-hours worked}} \times 200,000$$



SOCIAL RESPONSIBILITY

At **ROBT.STONE**, we believe it is our duty and social responsibility to give something back to the Community. We believe in supporting ill-fated communities, extending our helping hand and generating awareness in our team for voluntary contribution towards society.

Some of our social initiatives which we humbly do it without any fanfare as below, we believe our self to be fortunate enough to help others and giving back to society from where we grow,

- Sponsorship of education for children of our needy work force.
- Contribution towards flood victims in India.
- Contribution towards building community centre in Pakistan.
- Underprivileged orphan / blind school contributions In India.
- Active association with institutions in the UAE for raising charity funds.



LICENCES

SI No.	DESCRIPTION
1	Commercial Trade License
2	Abu Dhabi Chamber of Commerce Certificate
3	Branch License (Dubai)



Commercial License

رخصة تجارية

License No :	CN-1086148	رقم الرخصة :
Unified ID for ADCCI :	214520	الرقم الموحد لعضوية القرفة :
Legal Form :	Limited Liability Company	الشكل القانوني : شركة ذات مسؤولية محدودة
Trade Name :	Robt. Stone(Me) -Llc	الاسم التجاري : روبت. ستون (ام اي) - ذ م
Issue Place :	Abu Dhabi	مكان الإصدار : أبو ظبي
Establishment Date :	06/05/2006	تاريخ تأسيس المنشاة :
Issue Date :	23/02/2016	تاريخ الإصدار :
Expiry Date :	22/02/2017	تاريخ الانتهاء :

نوع الشركاء Partner	الجنسية Nationality	الوصف Description	الرمز No.
شريك Partner	الإمارات العربية المتحدة United Arab Emirates	فارس ساري احمد عيسى فارس المزروعى Faris Sari Ahmed Essa Faris Almazrouei	20058335
شريك Partner	هونج كونج Hong Kong	روبت ستون (اتش كيه) ليمتد Robt . Stone (H.K) Limited	30001460
شريك Partner	نيوزيلندا New Zealand	فيجاي كومار مادان - Vijay Kumar Madan	20070102
شريك Partner	نيوزيلندا New Zealand	رينو مادان .. Renu Madan	41283839

الأنشطة التجارية :	
- Onshore And Offshore Oil And Gas Fields And Facilities Services	- خدمات حقول ومشنالت النفط والغاز البرية والبحرية
- Oil And Natural Gas Pipelines Construction Contracting	- مقاولات إنشاء خطوط أنابيب النفط و الغاز الطبيعي
- Industrial Enterprises Investment, Institution And Management	- الاستثمار في المشروعات الصناعية و تأسيسها و ادارتها
- Service Duct Connection Drilling	- مقاولات حفر قنوات التمديدات الخدمية
- * All Kind Building Projects Contracting	- * مقاولات مشاريع المباني بتنوعها
- Oil And Gas Filed Facilities Building Contracting	- مقاولات بناء المرافق لحقول النفط والغاز

General Note : The Contractor is not permitted to practice the activities marked with sign (*) unless these activities are classified
ملحوظة عامة : لا يحق للمقاول ممارسة الأنشطة المشار إليها بعلامة (*) إلا بعد التصنيف فيها

Address : أبو ظبي - شارع زايد الثاني - بناية ورثة محمد سعيد عوضه المريخي, العنوان

تشهد غرفة أبوظبي بموجب القانون رقم 27 لعام 2005 بأن المنشآة المذكورة أعلاه قد سجلت لها

Abu Dhabi Chamber certifies that the above mentioned establishment has been registered in accordance with the law No.27 of 2005

وثيقة معتمدة ومصددة بدون توقيع أو ختم من دائرة التنمية الاقتصادية - أبوظبي. للتحقق من صحة البيانات الواردة في الرخصة برجاء زيارة الموقع
Approved document issued without signature or stamp by the Department of Economic Development - Abu Dhabi. To verify the license
Kindly visit <http://www.ded.abudhabi.ae>

This Document is Considered As Commercial Register

تعتبر هذه الوثيقة بمثابة سجل تجاري



License Number: CN-1086148



ADCCI Unique No. 214520

Membership No 148732

غرفة أبوظبي
ABU DHABI CHAMBER

Pursuant To Law No 27 of 2005 Abu Dhabi Chamber of Commerce & Industry

Hereby Register

ROBT. STONE(ME) -LLC

To Practice The Activities of

Nationality **U.A.E.**

On-shore And Off-shore Oil And Gas Fields And Facilities Services - Oil And Gas Filed Facilities Building Contracting - All Kinds of Building Projects Contracting - Service Duct Connection Drilling - Industrial Enterprises Investment, Institution And Management - Oil and Natural Gas Pipelines Construction Contracting

Address Late Mohamed Saeed Al Mureikhi Bldg., Zayed the II St., Abu Dhabi

Nationality of Partners New Zealand Hong Kong U.A.E.

Legal Form Limited Liability Co Issued on 28/02/2016 Valid Until 22/02/2017



الغرفة الإلكترونية
The Smart **e-Chamber**

معكم سنواصل التقدم
With you we will be ahead

791456

www.abudhabichamber.ae

Service License

رخصة خدمات

License Number	DMCC-31339	رقم الرخصة	DMCC-31339
Licensee Name	ROBT STONE (ME) LLC	أصحاب الرخصة	روبوت ستون (إم إيه) ذ.م.م
Operating Name	ROBT STONE (ME) LLC (DMCC BRANCH)	الإسم التجاري	روبوت ستون (إم إيه) ذ.م.م (فرع لشركة)
Nationality	United Arab Emirates	الجنسية	الامارات العربية المتحدة
License Address	Unit No: 901 Fortune Tower Plot No: JLT-PH1-C1A Jumeirah Lakes Towers Dubai UAE	العنوان	فورتشن تاور أرض رقم جي ال تي -بي اتش-سي 1 أي ابراج بحيرات جميرا دبي الامارات العربية المتحدة
Manager	Vijay Kumar Madan	المدير	فيجاي كومار مادان
Issue Date	22-Mar-2010	تاريخ الإصدار	22-Mar-2010
Expiry Date	21-Mar-2016	تاريخ الانتهاء	21-Mar-2016
Activities	Onshore & Offshore Oil & Gas Fields Services	النشاط	خدمات حقول ومنشآت النفط والغاز البرية والبحرية
Remarks	Branch of a Local Company	ملاحظات	فرع لشركة محلية
Customer No.	101475	رقم الحساب	101475



DMCC Authority

Document reference no: 68221532385

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CLIENT LIST

- ADCO (ABU DHABI COMPANY FOR ONSHORE OIL OPERATIONS)
- ADNOC (ABU DHABI NATIONAL OIL COMPANY)
- AL AIN CEMENT FACTORY
- AJMAL STEEL
- AL JABER ENERGY
- ALDAR
- BAUER KOMPRESSOREN
- BECHTEL CORPORATION
- BOROUGE
- BSS TECHNOLOGIES
- CBI (CHICAGO BRIDGE & IRON COMPANY)
- CCC (CONSOLIDATED CONTRACTORS COMPANY)
- DOLPHIN ENERGY
- DUSUP (DUBAI SUPPLY AUTHORITY)
- EMIRATES STEEL
- GASCO (ABU DHABI GAS INDUSTRIES LTD)
- GS ENGINEERING & CONSTRUCTION
- HYUNDAI
- KAZSTROY SERVICES
- NPCC (NATIONAL PETROLEUM CONSTRUCTION COMPANY)
- PUNJ LLOYD
- QATAR PETROLEUM
- QENERGY
- SEWA (SHARJAH ELECTRICITY & WATER AUTHORITY)
- TAKREER (ABU DHABI OIL REFINING COMPANY)
- TDW (T.D.WILLIAMS)
- TECNICAS REUNIDAS



IRP-II (Main Package) Project

*This Certificate of Appreciation
is awarded to*

ROBTSTONE (ME) LLC

*In recognition of achieving Two Million
Man Hours without Lost Time Incidents on
28th August 2014 in IRP- II Main Pipe Line Project*



Awarded on 11th September 2014 at IRP-2 PMC Conference Hall Site Office

Mussafah, Abu Dhabi, UAE


John Oberholzer
Project Manager - PMC
Tebodin Middle East.


K Y Lee
Project Manager
GS E&C.


Mohamed Abdel - Kawy
Project Manager
TAKREER

**ROBTSTONE (ME) LLC received award of excellence in HSE for achieving
Two million man hours without Lost Time Incidents (LTI) for TAKREER
IRP-II Project**



ROBT.STONE (ME) LLC Chairman and Managing Director Mr.V.K.Madan receiving award of excellence from Mr. John Oberholzer (Project Manager, PMC) for achieving Two million man hours without Lost Time Incidents (LTI) for IRP-II Project



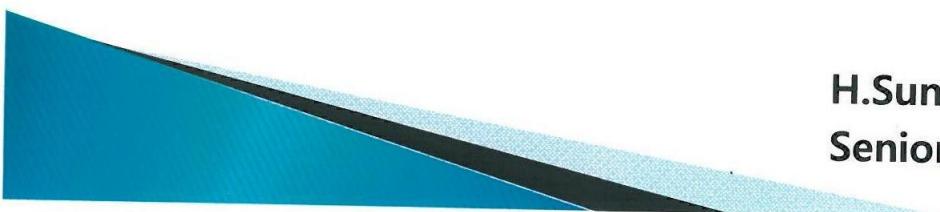
ROBT.STONE (ME) LLC Managing Director Mr. V.K.Madan receiving certificate of excellence in Execution of TAKREER – IRP-II Project from Mr. H. Sun Kim (Sr. Vice President of GS E&C, S. Korea)



CERTIFICATE OF APPRECIATION

EXCELLENT PIPELINE WELDING PERFORMANCE

This certificate is awarded to ROBT. STONE (ME) LLC for the excellent achievement in 12 Inch Pipeline Welding of 3.3Km in One day on 25th Sept 2013 for IRP- II Pipeline Project , Abu Dhabi UAE



H.Sun Kim *Sun Kim*
Senior Vice President, GS E&C

Certificate of Appreciation from GS E&C, S. Korea for excellence in Pipeline welding for TAKREER
IRP-II project



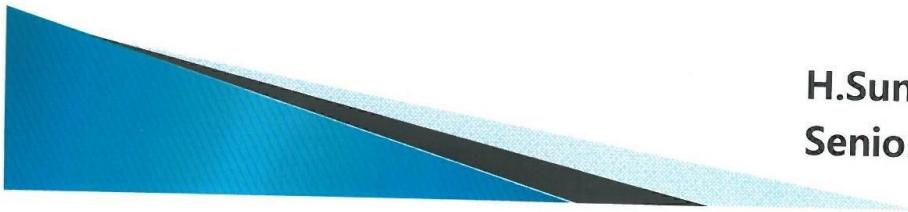
**ROBT.STONE (ME) LLC Managing Director Mr. V.K.Madan receiving award of appreciation from
ADNOC COE H.E. Yousef Omair Bin Yousef**



CERTIFICATE OF APPRECIATION

EXCELLENT PIPELINE LOWERING PERFORMANCE

This certificate is awarded to ROBT. STONE (ME) LLC for the excellent achievement in 12 Inch Pipeline Lowering of 21.3 Km in One day on 21st Sept 2013 for IRP- II Pipeline Project , Abu Dhabi UAE



H.Sun Kim *Sun Kim*
Senior Vice President, GS E&C

Certificate of Appreciation from GS E&C, S. Korea for excellence in Pipeline lowering for TAKREER
IRP-II project



Image credit: EPA

German Chancellor Angela Merkel inaugurates Natural Gas filling station in Masdar City. ROBT.STONE (ME) LLC executed the NGV (Natural Gas for Vehicles) project which was the first of its kind in UAE



Certificate of Appreciation

ADNOC Distribution extends its deep gratitude and appreciation to

ROBT. STONE (ME)

For your valuable efforts and effective contribution to the success of
The Natural Gas for Vehicles Project Launch



Abdulla Salem Al Dhaheri
General Manager



ادنوك لتصوييف
ADNOC Distribution

Certificate of appreciation awarded to ROBT.STONE (ME) LLC for the successful execution and completion of the first Natural Gas for Vehicles (NGV) project in UAE



CRSS International, Inc.
Post Office Box 44482
Abu Dhabi - United Arab Emirates
Tel. +971 2 408 8400 - Fax +971 2 447 121
Project Management • Architecture • Engineering

REF: ACF-CBMEC-1924

Date: Oct 3rd, 2012

China National Building Material Equipment Corp. Ltd
Al Ain, UAE

Attention: **Mr. Zhao Aimin**
Project Manager

Subject: **Al Ain Cement Factory – NG Subcontractor Commended Safety Attitude**

Dear Sir,

During a site visit last Friday Sep 28th 2012, Arkan HSE Manager observed that your subcontractor M/S Robstone, working on the gas pipeline, was having very good compliance to Arkan Safety Standards. The Manager visited the work site during day light hours and also in darkness and found that this company had provided everything possible for the safety of their employees. The work area was well illuminated and all employees were wearing full PPE with welders using welding masks.

The HSE Manager requested us to convey his thanks to this company for adhering to Arkan's safety standards. Additionally, he requested that the Company supervisor should also be congratulated for ensuring safety of his employees and for refusing to allow his team to work on an unsafe scaffold, and only after modifications were made and the scaffold was built in a safe condition did he allow his team to continue with their work.

We add our voice to the HSE Manager and would like to ask you extend our thanks as well for both the company and the supervisor and commend them for their positive attitude to safety. Noting that it is well said that ***a good company is a safe company and a safe company is a good company.***

Sincerely your

Salah El Jack
Project Manager

Letter of Appreciation for High Safety and compliance to client safety standards during execution of tie-in and pipeline commissioning works at Al Ain Cement Factory in 2012



CERTIFICATE OF APPRECIATION

EXCELLENT PIPELINE JOINT COATING PERFORMANCE

This certificate is awarded to ROBT. STONE (ME) LLC for the excellent achievement in 12 Inch Pipeline Joint Coating of 3.6 Km in One day on 26th Sept 2013 for IRP- II Pipeline Project, Abu Dhabi UAE



H.Sun Kim

Sun Kim
Senior Vice President, GS E&C

Certificate of Appreciation from GS E&C, S. Korea for excellence in Pipeline joint coating for TAKREER IRP-II project



27th May 2013

Mr. V. K. Madan
Managing Director.
Robt. Stone (ME) LLC
P.O.Box 39588
Abu Dhabi – UAE
Tel: 02 6767415
Fax: 02 6767943

Reference No.: DEL-UOP-RST-LT-13-0000

Dear Mr. Madan

Subject: Letter of Appreciation

Following the successful completion of the rehabilitation works of the 30" Maqta-Al Ain Pipeline, Dolphin would like to convey its sincere appreciation to Robt. Stone for a job well done. Not only that the works were executed in the safest manner without any Lost Time Incident, the Contractor has also completed all deliverables ahead of the project schedule and without any cost variation.

The same is extended to all its site personnel for their dedication and hard works all throughout the duration of the project. Dolphin would also like to commend Robt. Stone for being able to maintain the same quality and workmanship that it has exhibited in its previous undertakings.

Dolphin wishes Robt. Stone all the best in its future projects.

Best regards


Mohamed Bin Khadim
VP Operations - UAE

+971 2 676 7199 +971 2 676 5199 +971 2 677 23777 - Abu Dhabi, UAE. Tel +971 2 689 5500 Fax +971 2 644 0990 www.dolphinenergy.com

**Letter of Appreciation for High Safe and timely completion without any cost variations for
Dolphin Energy Pipeline rehabilitation works during 2012-2013**

Excellent Supplier Award 2012

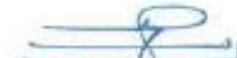


Presented With Compliments to

ROBT STONE (ME) LLC

*In Recognition of the
Outstanding Performance*

21st November 2012



Rashed Al Dhaheri

Vice President (Supply Chain Management)

Abu Dhabi Gas Industries Ltd. conducts Suppliers' Evaluation System to determine & acknowledge the outstanding Performance of Suppliers. This program yearns to provide an incentive for supplier contribution, by giving Winning Suppliers the benefit of gaining additional business for having received an award for their commendable business goodwill.

ROBT.STONE (ME) LLC received Excellent Supplier Award – 2012 from GASCO for outstanding works as contractor in the year 2012.

Ref. No.: TKR/10/5595-E2/ APL / 002 /14

Date: 11/6/14

To : V. K. Madan
CMD
Robt. Stone (ME) LLC
P.O Box: 39588
Abu Dhabi, U.A.E

Dear Mr. Madan,

Subject: Inter Refineries Pipelines - II (IRP-II) - Project No. 5595
Main IRP – II Package – Agreement No. 10-5595-E-2
Letter of Appreciation for HDD works

Company appreciates the efforts of M/S Robt Stone (ME) LLC in executing the Following HDD/ NDRC as part of the above pipeline line project on a fast track basis.

- 28 inch single crossings of various lengths 17 nos. on Tarif route
- 28 & 6 inch bundle crossings of various lengths 17 nos. on Tarif route
- 12 inch single crossings of various lengths 30 nos. on Alain route
- 12 & 6 inch bundle crossings of various lengths 30 nos. on Alain route

M/S Robt Stone has been working as a sub contractor to M/S GS E&C for pipeline laying project and timely mobilization of number of rigs with experienced crew at multiple location helped our project schedule for target completion.

We wish M/S Robt Stone all the success in this new additional activity of HDD to their Core business of EPC pipeline laying and plant works.



Mohamed Abd-Elkawy Saad
Project Manager

ROBT.STONE (ME) LLC received Letter of Appreciation from TAKREER for successfully carrying out Horizontal Directional Drilling works on Fast Track basis for TAKREER - IRP-II Project

Tel: 00971-2-551-2216
 Fax : 00971-2-551-2824
 P.O.BOX 92283 Abu Dhabi, U.A.E.
 www.gsconst.co.kr, E-mail: swhong2@gsconst.co.kr

ROBT.STONE (ME) LLC
 P.O. Box: 39588
 Abu Dhabi, U.A.E.

Attention : Mr. Vishal Ummat
 General Manager - HDD

Date : 27 May 2014
 Reference No. : L-GS-RS-5595-E2-0556
 Page : 1 of 1
 (Total 1 Page Incl.Cover)

Your Ref.	: N/A
Ans. Required	: N/A
Resp. by Date	: N/A

CC : Mr. V.K.Madan
 Managing Director
vkmadan@robtstone.ae

Subject : Inter Refineries Pipelines-II (IRP-II) - Project no. 5595
 Engineering, Procurement and Construction & Commissioning (EPC) Works
 Subcontract No. 5595-E2-CS-SU-045
Appreciation Letter for HDD/NDRC Works (IRP-II Project)

Dear Sir,

Reference is made to the Robt Stone (ME) LLC performance in the specialized field of Horizontal Directional Drilling works (HDD/NDRC) for IRP – II project, Robt Stone efforts to mobilize number of rigs and experienced crews for doing 28"/20"/12"/10"/8"/6" crossings of various length, under various obstruction in different soil conditions, including rock are highly appreciated .

Execution of 160 No's of HDD in a short span of 6 months is really a commendable and a big achievement which made our project a success.

We wish ROBT.STONE's HDD team more success and highly recommend using their HDD/NDRC capabilities for execution of any project.

Sincerely yours,


 S. W. Hong
 Soong Woon Hong
 Construction Manager
 GS Engineering & Construction Corp.



ROBT.STONE (ME) LLC received Letter of Appreciation from Main contractor of TAKREER IRPII Project, GS E&C, S. Korea for successfully carrying out Horizontal Directional Drilling / NDRC works

Sharjah Electricity & Water Authority
Layyah Station for Power Generation and Water Desalination
P.O. Box : 6684, Sharjah - U.A.E.
Telephone: 06 528 1003
Fax : 06 528 6380
E-mail : layshj@emirates.net.ae



هيئة كهرباء ومياه الشارقة
محطة لليه لتوليد الكهرباء وتحلية المياه
عن ب: ٦٦٨٤، الشارقة، ا.ع.م
هاتف: ٠٦٠٠٢٦٦١٠٠٣
الفاكس: ٠٦٠٠٢٦٦٢٦٦٠٠٣
بريد الكتروني: layshj@emirates.net.ae

Ref: IMA/11425

16th October 2007.

M/S Robt. Stone (ME) LLC
P.O. Box 39586,
Abu Dhabi, U.A.E.

Dear Sir,

Sub : Project Completion / Appreciation Letter

Project: On shore Fuel Oil Pipe Line (10 inches) for filling of MFO Tanks No. 5 & 6 -
Order Ref # LPS/0/07/0019578 & LPS/0/07/0022191 to: Robt. Stone (ME) LLC

We would like to express our appreciation to M/s Robt. Stone (ME) LLC for the successful completion of the above referred Project - Onshore Fuel Oil Pipeline for Filling of MFO Tanks No 5 & 6 in Layyah Power and Desalination Plant.

This pipeline is of paramount importance to SEWA and needed to supply fuel oil from Sharjah Creek to Layyah Storage Tanks, this line was required to be completed in short span of time in spite of several constraints from Authorities on the selected route. The manner in which the team from Robt. Stone (ME) LLC have adjusted to all the difficulties and delivered the final project in a timely manner deserves appreciation.

Their strict adherence to safety and quality parameters is also highly respected.

We look forward to have them among our preferred list of contractors for future projects.

Yours faithfully,
for Sharjah Electricity & Water Authority,



Ihsan Mourad-Agha
Station Manager
Layyah Power Station
Sharjah Electricity and Water Authority (SEWA)
P.O.Box 6642, Sharjah, UAE
E mail: agha1@eim.ae

Letter of Appreciation for strict adherence to Quality and Safety standards together with timely completion of 10" pipeline construction works for SEWA (Sharjah Electricity and Water Authority) in 2007



ENGINEERED EXCELLENCE

HDD (HORIZONTAL DIRECTIONAL DRILLING) DIVISION

SI No.	DESCRIPTION
1	Introduction
2	HDD Division Organization Structure
3	Experience
4	Design Calculations (stress) for HDD works (Sample)
5	HDD Profile drawing (Sample)



ENGINEERED EXCELLENCE



ROBT.STONE (ME) LLC
HDD DIVISION



ENGINEERED EXCELLENCE

We built reputation on our Commitment to our Clients and their Projects.

ROBT.STONE

Horizontal Directional Drilling (HDD) Division

Can get around your obstacles confidently,

It may be laying pipelines, conduits, cables under busy roads

Or

Under water creeks, we do without disrupting traffic, without diverting waters and do it right the first time in record time.

The specialization of the company is in the areas of Pipeline, piping, flow lines for Oil and Gas sector, Civil works and other Infrastructure Projects.

As a HDD Division, we have built our business on the strength of the most experienced people in the industry and we believe that experienced people and best equipment and technical knowledge are the difference between the success and the failure. Our team of HDD has over 15 years of HDD experience working on Oil and Gas and Telecom sector HDD works.

Combined with the experience and the equipment available, ROBTSTONE (ME) LLC has the most knowledgeable, technically advanced crew available in the local industry today. With 4 Spreads of HDD Equipment ROBT.STONE have 5 crews for the rigs for round the clock operation to be carried out at critical locations.

We have completed 200 crossings in nearly all type of terrain, across major highways, utilities, creeks, wetlands, etc.

Horizontal Directional Drilling (HDD) also termed as Directional Boring and Directional Drilling, is a method of Installing Underground Pipelines and conduits from the surface along the designed Bore Path. Installation lengths up to 3500' have been completed and diameter up to 28" has been installed in shorter as well as longer runs.

This procedure is used for installing Gas Lines, Oil Lines, Sewer Lines, Telecommunication Cables, Power Cable Conduits, Water Lines and Casing Pipe.

This technology has been rapidly growing and is expected to increase for the foreseeable future with the advantages mentioned below.



ENGINEERED EXCELLENCE

HDD technique can be used as an alternate to other techniques due to following reasons:

- Shorter Construction Period
- Cost Efficient
- Environmental Friendly
- Conventional Technique not feasible
- No interruption to Surface Traffic
- Secure and Safer cover depth
- Longer Installation Possible
- Directional Capabilities

OUR STRENGTH

- Have successful track record of installation of Apprx..44,000 meter of pipelines by HDD technique.
- Mobilized equipment in the Region
- Aware of conducting business in the Region
- Cost of execution is very low as compared to other contractors.
- Innovative and technical knowledge about the subject.

THE HDD SITE PLANNING

Every project begins with thoughtful planning. Ground conditions are determined, surrounding utilities positively located, bore profile is surveyed and plotted, and safety and environmental issues are considered before work commencement. The major activities involved are as follows:

- Prior Location & Marking of Existing Pipeline and Utilities
- Established Visible Exclusion Zone Along R.O.W Working Area
- Marking of Proposed HDD Centerline & Limits
- Daily Tool Box Meetings
- Availability of Work Permits
- Radio Communications
- Established & Approved Risk Assessment

PILOT HOLE

The Pilot Hole is drilled from the entry to the exit point following the previously designed/approved profile and alignment. The drilling tools and the Rig capacity are selected largely based on the result of the geotechnical

Investigation and the borehole data available and the crossing size (length and the diameter). During the pilot hole drilling directional guidance system is used to navigate the pilot hole along its pre designed profile. Guidance systems used by us are:

- **Walkover System**



The most commonly used equipment for determining the location of the bore head on small to mid size rigs is called a 'walk-over' locating system. A sonde (transmitter) behind the drill head registers angle, rotation, magnetic direction and temperature data. The information is then encoded into an electro-magnetic signal which is transmitted through the ground to the surface. At the surface a receiver is manually positioned over the sonde signal and the signal decoded and steering directions relayed to the operator on a remote display on the drill machine.

- **Downhole System**





ENGINEERED EXCELLENCE

The most commonly used type of down hole system is called a 'wire-line' and uses a wire to transmit the data up the inside of the drill pipe. At the surface the data from the wire is decoded by a computer to provide depth, angle, rotation, direction (azimuth) and other information. To compensate for potential magnetic interference, an artificial electro-magnetic grid is created at the surface the steering tool locates itself beneath the grid. We use state of the art equipment PARATRACK II for down hole steering.

HOLE ENLARGEMENT

Pilot Hole enlarging is known as "Pre Reaming". This process is carried out after Pilot Hole. Pre Reaming is required to provide a bore diameter large enough so that the pipeline can be installed in the drilled crossing. Based on the final desired diameter and the soil condition the required diameter of the pre reaming and number of stages to obtain that same is finalized. This pre reaming shall be carried out with different types of tooling for the soft strata and rock. For softer ground the pre reaming operation is carried out by Reamers and Fly Cutters. For rock crossings the Hole Openers are used.

PULLBACK OPERATION

Once the drilled hole has been enlarged to the required diameter and cleaned adequately, the pipeline is installed. When applicable, the pipeline is pre-assembled in a single string and placed on rollers prior to pullback. For pullback, a reamer is connected to the drill pipe. Behind the reamer a rotating swivel is connected allowing the drill pipe to rotate the reamer without allowing the transfer of torque to the product pipe. The drill pipe is then pulled back towards the entry point until the pipeline is fully installed in the hole.

HDD RIGS FLEET:**HORIZONTAL DIRECTIONAL DRILLING RIG (32T) – 1 No****SPECIFICATIONS:**

Pullback(max)	320 kN
Thrust(max)	200 kN
Spindle torque(max)	12000 N.m
Spindle Speed(high and low speed)	0-120 r/min
Incidence angle	10-24°
Engine type	4strokes,Turbo-charging,6cylinders water cooling Diesel engine
Engine rated power	162 kW/2200 rpm
Diameter of drill pipe	73 mm
Length of drill pipe	4 meters



ENGINEERED EXCELLENCE

HORIZONTAL DIRECTIONAL DRILLING RIG (32T) – 1 No



SPECIFICATIONS:

Pullback(max)	320 kN
Thrust(max)	200 kN
Spindle torque(max)	12000 N.m
Spindle Speed(high and low speed)	0-120 r/min
Incidence angle	10-24°
Engine type	4strokes,Turbo-charging,6cylinders water cooling Diesel engine
Engine rated power	162 kW/2200 rpm
Diameter of drill pipe	73 mm
Length of drill pipe	4 meters

HORIZONTAL DIRECTIONAL DRILLING RIG (32T) – 1 No**SPECIFICATIONS:**

Pullback(max)	320 kN
Thrust(max)	200 kN
Spindle torque(max)	12000 N.m
Spindle Speed(high and low speed)	0-120 r/min
Incidence angle	10-24°
Engine type	4strokes,Turbo-charging,6cylinders water cooling Diesel engine
Engine rated power	162 kW/2200 rpm
Diameter of drill pipe	73 mm
Length of drill pipe	4 meters



ENGINEERED EXCELLENCE

HORIZONTAL DIRECTIONAL DRILLING RIG (160T) – 01 No



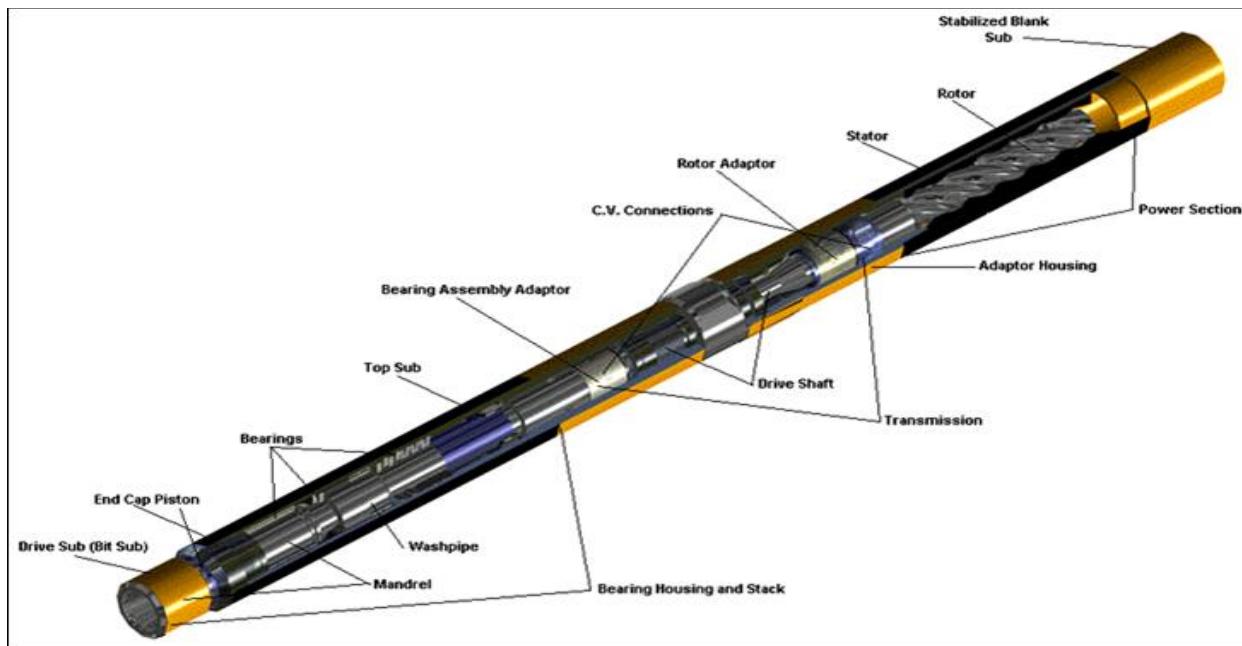
SPECIFICATIONS:

Pullback(max)	2450 k N
Thrust(max)	1640 k N
Spindle torque(max)	82300 Nm
Spindle Speed(high and low speed)	0-81 r/min
Incidence angle	09 -16°
Engine rated power	239 x 2 kW/2200 rpm
Diameter of drill pipe	6" – 8"
Length of drill pipe	9.8 meters



ENGINEERED EXCELLENCE

MUD MOTOR



6 $\frac{3}{4}$ " XTR Mud Motor, 1.75 Degree Fixed Bend, 7/8 Lobe 3 Stage Power Section – 01 No.

DRILL PIPES



5 $\frac{1}{2}$ " FH DRILL PIPES, Range 2, Grade S 135, Weight 21.9 PPF - 2800 meters



ENGINEERED EXCELLENCE

FLY CUTTERS AND BARREL REAMERS



Fly cutter and barrel reamers from size 12" to 64" - LOT



ENGINEERED EXCELLENCE

APPLICATIONS OF HDD

Design & Engineering: A team of **ROBT.STONE** Design Engineers generates design plan and profile drawings for crossings. The engineers have an access to Computer Aided Design systems. The plan and the profile are based on design parameters, underground utilities and geotechnical reports provided by client. This is then sent to site after its approval from client. During drilling the coordinates of the actual drilled path are plotted on this profile, the path of the next drilled rod to be drilled depends on the tolerance of the plotted coordinate and the design profile. The surveyor then prepares an “As-Built” based on the actual plotted coordinates. After completion of work this As-Built is then submitted to the Client for future reference.

Pipeline Bundles: This application involves laying of combination of different diameter pipelines and CS conduit in a single drilled hole. This method of laying is most common today. It not only reduces on cost but also allows the work to be done with minimum environmental Damages. RSME Construction has done a number of bundled crossings of combination of pipeline and CS conduits.

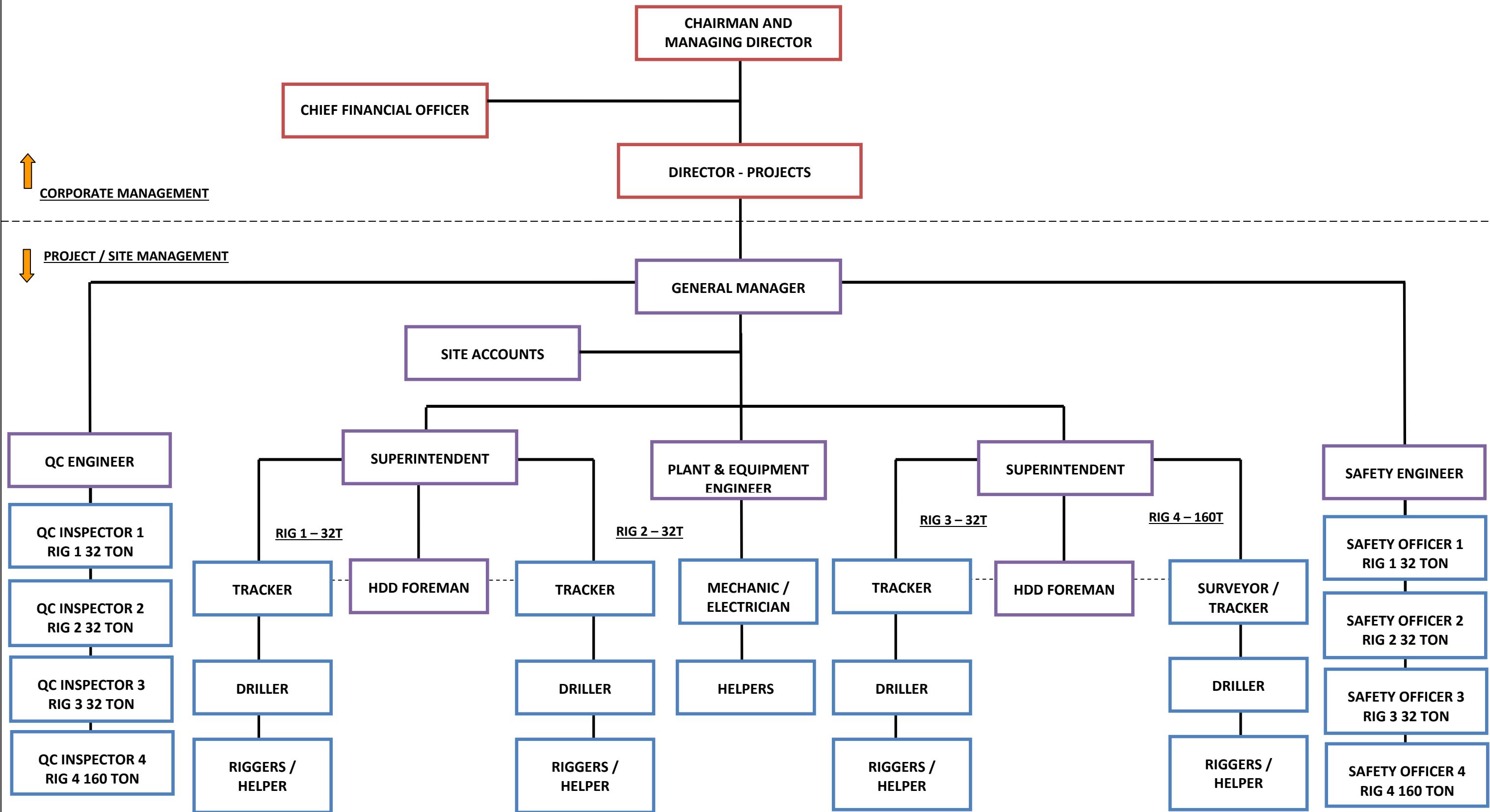
Large Diameter and longer length Crossings: **ROBT.STONE** has excelled itself in this category from executing a 6” to 28” crossing of 1Km and more. In larger dia bundle crossing of 28 Inch with 6 Inch conduits are pulled for length ranging from 600 meter to 1400 Meter. Our Maxi Rig can overcome the pulling requirement and tensional requirement of large diameter crossings. RSME till date has installed over 38,000 meter of pipelines with diameter ranging from 6” to 28”.

Rock Crossings: The myth that Horizontal Directional Drilling is only limited to soft soil, but driven by client’s demand drilling across these crossings is no longer a myth but a reality! RSME have all the required equipment and expertise for drilling in hard strata and rock. These crossings require use of specialized rock tooling Like Mud Motors for drilling Pilot Hole and Hole Openers to enlarge the hole to the required diameter.

Telecommunication and Electrical Conduits: The growing popularity of Broadband services has resulted in laying of fiber optic cable for infrastructure development .The HDD system is best suited for laying of electrical conduits and OFC across streams, underground utilities, canals, National Highways and Municipal roads.

Beach Approaches: The use of directional drilling for landfall sections of pipelines leaves no effect on the beach environment, installation by HDD is less time consuming ,the pipeline is not exposed to the outer atmosphere hence it is safe from the sea strom,Waves,etc.

ORGANOGRAM FOR HDD DIVISION



Note: We possess enough manpower to deploy for Day / Night shifts

EXPERIENCE LIST – HDD WORKS

Project	Owner	Main Contractor	Description Road/ Highway/Utility	Pipe Diameter	Pipe Grade	Crossing Length (Mtr.)
PIPELINE & WELDING MAINTENANCE SERVICES	ADCO	ROBT.STONE	Road Crossing	6"	API 5L X 60	100
PIPELINE & WELDING MAINTENANCE SERVICES	ADCO	ROBT.STONE	Road Crossing	4"	API 5L X 60	188
PIPELINE & WELDING MAINTENANCE SERVICES	ADCO	ROBT.STONE	Road Crossing	4'	API 5L X 60	100
PIPELINE & WELDING MAINTENANCE SERVICES	ADCO	ROBT.STONE	Road Crossing	4"	API 5L X 60	105
PIPELINE & WELDING MAINTENANCE SERVICES	ADCO	ROBT.STONE	Road Crossing	6"	API 5L X 60	96
PIPELINE & WELDING MAINTENANCE SERVICES	ADCO	ROBT.STONE	Road Crossing	4"	API 5L X 60	102
PIPELINE & WELDING MAINTENANCE SERVICES	ADCO	ROBT.STONE	Road Crossing	4"	API 5L X 60	114
PIPELINE & WELDING MAINTENANCE SERVICES	ADCO	ROBT.STONE	Road Crossing	6"	API 5L X 60	96
PIPELINE & WELDING MAINTENANCE SERVICES	ADCO	ROBT.STONE	Road Crossing	6"	API 5L X 60	84
PIPELINE & WELDING MAINTENANCE SERVICES	ADCO	ROBT.STONE	Road Crossing	4"	API 5L X 60	103
IRP II PIPELINE	TAKREER	GS ENGINEERING	Big Access Road Crossing To Cricket Stadium	20" + 6"	API 5L X 65	1440
IRP II PIPELINE	TAKREER	GS ENGINEERING	E11 Dubai-Sila Road& Dubai-Sweihan Interchange	20" + 6"	API 5L X 65	1400
HABSHAN I FLOWLINE	ADCO	CCC / SAARI	ADCO / GASCO Utilities Crossing	6", 8", 20"	API 5L X 60	1400 (Total)
IRP II PIPELINE	TAKREER	GS ENGINEERING	Palace Road & Round About	20" + 6"	API 5L X 65	1100
IRP II PIPELINE	TAKREER	GS ENGINEERING	Sheikh Zayed Mosque Road E10	10" + 6"	API 5L X 60	975
IRP II PIPELINE	TAKREER	GS ENGINEERING	E11 Dubai-Sila Road	20" + 6"	API 5L X 65	733
IRP II PIPELINE	TAKREER	GS ENGINEERING	E22 Abu Dhabi To Al Ain Road	20" + 6"	API 5L X 65	733



EXPERIENCE LIST – HDD WORKS

ENGINEERED EXCELLENCE

Project	Owner	Main Contractor	Description Road/ Highway/Utility	Pipe Diameter	Pipe Grade	Crossing Length (Mtr.)
IRP II PIPELINE	TAKREER	GS ENGINEERING	E22 Abu Dhabi To Al Ain Road	20" + 6"	API 5L X 65	733
IRP II PIPELINE	TAKREER	GS ENGINEERING	12th Street Road	10"	API 5L X 60	680
IRP II PIPELINE	TAKREER	GS ENGINEERING	Musaffah To Sila Road(E11)	10" + 6"	API 5L X 60	521
IRP II PIPELINE	TAKREER	GS ENGINEERING	E20-Abudhabi-Al Ain Road& Dodsal 52" Pipeline Crossing	20" + 6"	API 5L X 65	469
IRP II PIPELINE	TAKREER	GS ENGINEERING	Asphalt Road(ICAD Shabia Road)	20" + 6"	API 5L X 65	432
IRP II PIPELINE	TAKREER	GS ENGINEERING	Mafraq-Al Guwaifat Highway	12"	API 5L X 65	399
IRP II PIPELINE	TAKREER	GS ENGINEERING	Mafraq-Al Guwaifat Highway	12"	API 5L X 65	399
IRP II PIPELINE	TAKREER	GS ENGINEERING	Mafraq-Al Guwaifat Highway	6"	API 5L X 65	399
IRP II PIPELINE	TAKREER	GS ENGINEERING	E20 Airport Road	20" + 6"	API 5L X 65	364
IRP II PIPELINE	TAKREER	GS ENGINEERING	Al Rawda Road & Shakboot Sultan Road	12"	API 5L X 65	363
IRP II PIPELINE	TAKREER	GS ENGINEERING	Al Rawda Road & Shakboot Sultan Road	12"	API 5L X 65	363
IRP II PIPELINE	TAKREER	GS ENGINEERING	Al Rawda Road & Shakboot Sultan Road	6"	HDPE	363
IRP II PIPELINE	TAKREER	GS ENGINEERING	Small By Pass Road Crossing Cricket Stadium	20" + 6"	API 5L X 65	351
IRP II PIPELINE	TAKREER	GS ENGINEERING	Utility Crossing	28"	API 5L X 70	326
IRP II PIPELINE	TAKREER	GS ENGINEERING	Utility Crossing	28"	API 5L X 70	326
IRP II PIPELINE	TAKREER	GS ENGINEERING	Utility Crossing	12"	API 5L X 65	326
IRP II PIPELINE	TAKREER	GS ENGINEERING	Utility Crossing	12"	API 5L X 65	326
IRP II PIPELINE	TAKREER	GS ENGINEERING	Utility Crossing	6"	API 5L X 65	326



EXPERIENCE LIST – HDD WORKS

ENGINEERED EXCELLENCE

Project	Owner	Main Contractor	Description Road/ Highway/Utility	Pipe Diameter	Pipe Grade	Crossing Length (Mtr.)
IRP II PIPELINE	TAKREER	GS ENGINEERING	Pipeline Crossing	10" + 6"	API 5L X 60	325
IRP II PIPELINE	TAKREER	GS ENGINEERING	Proposed Road (Villa Access)	12"	API 5L X 65	320
IRP II PIPELINE	TAKREER	GS ENGINEERING	Proposed Road (Villa Access)	12"	API 5L X 65	320
IRP II PIPELINE	TAKREER	GS ENGINEERING	Proposed Road (Villa Access)	6"	API 5L X 65	320
IRP II PIPELINE	TAKREER	GS ENGINEERING	Madinath Zayed Highway Crossing	28"	API 5L X 70	293
IRP II PIPELINE	TAKREER	GS ENGINEERING	Madinath Zayed Highway Crossing	28"	API 5L X 70	293
IRP II PIPELINE	TAKREER	GS ENGINEERING	Madinath Zayed Highway Crossing	6"	HDPE	293
IRP II PIPELINE	TAKREER	GS ENGINEERING	ICAD To Labour Camps Shabia Road	20" + 6"	API 5L X 65	283
IRP II PIPELINE	TAKREER	GS ENGINEERING	ICAD to Labour Camps Shabia Road	20" + 6"	API 5L X 65	283
IRP II PIPELINE	TAKREER	GS ENGINEERING	GASCO Pipeline Crossing	20" + 6"	API 5L X 65	280
IRP II PIPELINE	TAKREER	GS ENGINEERING	Cricket Stadium Road	20" + 6"	API 5L X 65	277
IRP II PIPELINE	TAKREER	GS ENGINEERING	Proposed Road - ADIA North Terminal	20" + 6"	API 5L X 65	268
IRP II PIPELINE	TAKREER	GS ENGINEERING	Small Bypass Road Cricket Stadium	10"	API 5L X 60	253
IRP II PIPELINE	TAKREER	GS ENGINEERING	E33 Airport Road	20" + 6"	API 5L X 65	253
IRP II PIPELINE	TAKREER	GS ENGINEERING	E33 Airport Road	20" + 6"	API 5L X 65	253
IRP II PIPELINE	TAKREER	GS ENGINEERING	ICAD II Road Crossing	28"	API 5L X 70	248
IRP II PIPELINE	TAKREER	GS ENGINEERING	ICAD II Road Crossing	28"	API 5L X 70	248
IRP II PIPELINE	TAKREER	GS ENGINEERING	Road To ICAD II	12"	API 5L X 65	248
IRP II PIPELINE	TAKREER	GS ENGINEERING	Road To ICAD II	12"	API 5L X 65	248



EXPERIENCE LIST – HDD WORKS

ENGINEERED EXCELLENCE

Project	Owner	Main Contractor	Description Road/ Highway/Utility	Pipe Diameter	Pipe Grade	Crossing Length (Mtr.)
IRP II PIPELINE	TAKREER	GS ENGINEERING	ICAD II Road Crossing	6"	HDPE	248
IRP II PIPELINE	TAKREER	GS ENGINEERING	Rumaitha Road Crossing	28"	API 5L X 70	247
IRP II PIPELINE	TAKREER	GS ENGINEERING	Rumaitha Road Crossing	28"	API 5L X 70	247
IRP II PIPELINE	TAKREER	GS ENGINEERING	Rumaitha Road Crossing	6"	HDPE	247
IRP II PIPELINE	TAKREER	GS ENGINEERING	Al Faya-Al Quaa Road	12"	API 5L X 65	244
IRP II PIPELINE	TAKREER	GS ENGINEERING	Al Faya-Al Quaa Road	12"	API 5L X 65	244
IRP II PIPELINE	TAKREER	GS ENGINEERING	Al Faya-Al Quaa Road	6"	API 5L X 65	244
IRP II PIPELINE	TAKREER	GS ENGINEERING	Sila To Abu Dhabi Main Road	28"	API 5L X 70	243
IRP II PIPELINE	TAKREER	GS ENGINEERING	Sila To Abu Dhabi Main Road	28"	API 5L X 70	243
IRP II PIPELINE	TAKREER	GS ENGINEERING	Sila To Abu Dhabi Main Road	6"	HDPE	243
IRP II PIPELINE	TAKREER	GS ENGINEERING	Asphalt Road	20" + 6"	API 5L X 65	218
IRP II PIPELINE	TAKREER	GS ENGINEERING	Habshan Road Crossing	28"	API 5L X 70	218
IRP II PIPELINE	TAKREER	GS ENGINEERING	Habshan Road Crossing	28"	API 5L X 70	218
IRP II PIPELINE	TAKREER	GS ENGINEERING	Habshan Road Crossing	6"	HDPE	218
IRP II PIPELINE	TAKREER	GS ENGINEERING	Al Rawda Road From Truck Road	12"	API 5L X 65	212
IRP II PIPELINE	TAKREER	GS ENGINEERING	Al Rawda Road From Truck Road	12"	API 5L X 65	212
IRP II PIPELINE	TAKREER	GS ENGINEERING	Al Rawda Road From Truck Road	6"	API 5L X 65	212
IRP II PIPELINE	TAKREER	GS ENGINEERING	Proposed Road (Residential Access)	12"	API 5L X 65	205
IRP II PIPELINE	TAKREER	GS ENGINEERING	Proposed Road (Residential Access)	12"	API 5L X 65	205



EXPERIENCE LIST – HDD WORKS

ENGINEERED EXCELLENCE

Project	Owner	Main Contractor	Description Road/ Highway/Utility	Pipe Diameter	Pipe Grade	Crossing Length (Mtr.)
IRP II PIPELINE	TAKREER	GS ENGINEERING	Proposed Road (Residential Access)	6"	API 5L X 65	205
IRP II PIPELINE	TAKREER	GS ENGINEERING	Twam Street Road	12"	API 5L X 65	204
IRP II PIPELINE	TAKREER	GS ENGINEERING	Twam Street Road	12"	API 5L X 65	204
IRP II PIPELINE	TAKREER	GS ENGINEERING	Twam Street Road	6"	HDPE	204
IRP II PIPELINE	TAKREER	GS ENGINEERING	Silah To Abu Dhabi Highway	20" + 6"	API 5L X 65	197
IRP II PIPELINE	TAKREER	GS ENGINEERING	Transco Pipeline Crossing	12"	API 5L X 65	197
IRP II PIPELINE	TAKREER	GS ENGINEERING	Transco Pipeline Crossing	12"	API 5L X 65	197
IRP II PIPELINE	TAKREER	GS ENGINEERING	Abu Dhabi -Al Ain Truck Road	12"	API 5L X 65	193
IRP II PIPELINE	TAKREER	GS ENGINEERING	Abu Dhabi -Al Ain Truck Road	12"	API 5L X 65	193
IRP II PIPELINE	TAKREER	GS ENGINEERING	Abu Dhabi -Al Ain Truck Road	6"	API 5L X 65	193
IRP II PIPELINE	TAKREER	GS ENGINEERING	51st Street (Near Round About)	20" + 6"	API 5L X 65	191
IRP II PIPELINE	TAKREER	GS ENGINEERING	ICAD III Camp Road Crossing	28"	API 5L X 70	187
IRP II PIPELINE	TAKREER	GS ENGINEERING	ICAD III Camp Road Crossing	28"	API 5L X 70	187
IRP II PIPELINE	TAKREER	GS ENGINEERING	Road To ICAD III	12"	API 5L X 65	187
IRP II PIPELINE	TAKREER	GS ENGINEERING	Road To ICAD III	12"	API 5L X 65	187
IRP II PIPELINE	TAKREER	GS ENGINEERING	ICAD III Camp Road Crossing	6"	HDPE	187
IRP II PIPELINE	TAKREER	GS ENGINEERING	59 th Street	20" + 6"	API 5L X 65	185
IRP II PIPELINE	TAKREER	GS ENGINEERING	Link Road Khalifa Bin Zayed City	10"	API 5L X 60	180
IRP II PIPELINE	TAKREER	GS ENGINEERING	Link Road Abu Dhabi To Mussaffah Road	20" + 6"	API 5L X 65	180



EXPERIENCE LIST – HDD WORKS

ENGINEERED EXCELLENCE

Project	Owner	Main Contractor	Description Road/ Highway/Utility	Pipe Diameter	Pipe Grade	Crossing Length (Mtr.)
IRP II PIPELINE	TAKREER	GS ENGINEERING	Link Road Khalifa City To Airport Road	20" + 6"	API 5L X 65	180
IRP II PIPELINE	TAKREER	GS ENGINEERING	Salmia Palace Road Crossing	28"	API 5L X 70	177
IRP II PIPELINE	TAKREER	GS ENGINEERING	Salmia Palace Road Crossing	28"	API 5L X 70	177
IRP II PIPELINE	TAKREER	GS ENGINEERING	Salmia Palace Road Crossing	6"	HDPE	177
IRP II PIPELINE	TAKREER	GS ENGINEERING	Utility Crossing	28"	API 5L X 70	175
IRP II PIPELINE	TAKREER	GS ENGINEERING	Utility Crossing	28"	API 5L X 70	175
IRP II PIPELINE	TAKREER	GS ENGINEERING	Utility Crossing	6"	HDPE	175
IRP II PIPELINE	TAKREER	GS ENGINEERING	Access Road Cricket Stadium	10"	API 5L X 60	174
IRP II PIPELINE	TAKREER	GS ENGINEERING	12 th Street Road Crossing(Branch From Air Port Road)	20" + 6"	API 5L X 65	174
IRP II PIPELINE	TAKREER	GS ENGINEERING	Abu Dhabi -Al Ain Truck Road	12"	API 5L X 65	166
IRP II PIPELINE	TAKREER	GS ENGINEERING	Abu Dhabi -Al Ain Truck Road	12"	API 5L X 65	166
IRP II PIPELINE	TAKREER	GS ENGINEERING	Abu Dhabi -Al Ain Truck Road	6"	API 5L X 65	166
IRP II PIPELINE	TAKREER	GS ENGINEERING	Hilwa Road Crossing	28"	API 5L X 70	165
IRP II PIPELINE	TAKREER	GS ENGINEERING	Hilwa Road Crossing	28"	API 5L X 70	165
IRP II PIPELINE	TAKREER	GS ENGINEERING	Hilwa Road Crossing	6"	HDPE	165
IRP II PIPELINE	TAKREER	GS ENGINEERING	Utility Crossing	28"	API 5L X 70	164
IRP II PIPELINE	TAKREER	GS ENGINEERING	Utility Crossing	28"	API 5L X 70	164
IRP II PIPELINE	TAKREER	GS ENGINEERING	Link Road From Hameem Road	12"	API 5L X 65	164
IRP II PIPELINE	TAKREER	GS ENGINEERING	Link Road From Hameem Road	12"	API 5L X 65	164



EXPERIENCE LIST – HDD WORKS

ENGINEERED EXCELLENCE

Project	Owner	Main Contractor	Description Road/ Highway/Utility	Pipe Diameter	Pipe Grade	Crossing Length (Mtr.)
IRP II PIPELINE	TAKREER	GS ENGINEERING	Link Road From Hameem Road	6"	API 5L X 65	164
IRP II PIPELINE	TAKREER	GS ENGINEERING	Utility Crossing	6"	HDPE	164
IRP II PIPELINE	TAKREER	GS ENGINEERING	New Truck Road (Bypass From Al Ain Truck Road)	12"	API 5L X 65	163
IRP II PIPELINE	TAKREER	GS ENGINEERING	New Truck Road(Bypass From Al Ain Truck Road)	12"	API 5L X 65	163
IRP II PIPELINE	TAKREER	GS ENGINEERING	New Truck Road (Bypass From Al Ain Truck Road)	6"	API 5L X 65	163
IRP II PIPELINE	TAKREER	GS ENGINEERING	Dubai-Selah	20" + 6"	API 5L X 65	160
IRP II PIPELINE	TAKREER	GS ENGINEERING	Pipeline Crossing	20" + 6"	API 5L X 65	160
IRP II PIPELINE	TAKREER	GS ENGINEERING	Dual Carriage Way Road Crossing	28"	API 5L X 70	160
IRP II PIPELINE	TAKREER	GS ENGINEERING	Dual Carriage Way Road Crossing	28"	API 5L X 70	160
IRP II PIPELINE	TAKREER	GS ENGINEERING	Dual Carriage Way Road Crossing	6"	HDPE	160
IRP II PIPELINE	TAKREER	GS ENGINEERING	Al Jumania Road Crossing	28"	API 5L X 70	158
IRP II PIPELINE	TAKREER	GS ENGINEERING	Al Jumania Road Crossing	28"	API 5L X 70	158
IRP II PIPELINE	TAKREER	GS ENGINEERING	Abu Dhabi -Al Ain Truck Road	12"	API 5L X 65	158
IRP II PIPELINE	TAKREER	GS ENGINEERING	Abu Dhabi -Al Ain Truck Road	12"	API 5L X 65	158
IRP II PIPELINE	TAKREER	GS ENGINEERING	Abu Dhabi -Al Ain Truck Road	6"	API 5L X 65	158
IRP II PIPELINE	TAKREER	GS ENGINEERING	Al Jumania Road Crossing	6"	HDPE	158
IRP II PIPELINE	TAKREER	GS ENGINEERING	By Pass Road To Heavy Vehicle Monitoring Station(DOT) At Musaffah E11 Road	10" + 6"	API 5L X 60	148
IRP II PIPELINE	TAKREER	GS ENGINEERING	Utility Crossing	28"	API 5L X 70	148
IRP II PIPELINE	TAKREER	GS ENGINEERING	Utility Crossing	28"	API 5L X 70	148



EXPERIENCE LIST – HDD WORKS

ENGINEERED EXCELLENCE

Project	Owner	Main Contractor	Description Road/ Highway/Utility	Pipe Diameter	Pipe Grade	Crossing Length (Mtr.)
IRP II PIPELINE	TAKREER	GS ENGINEERING	Utility Crossing	6"	HDPE	148
IRP II PIPELINE	TAKREER	GS ENGINEERING	By Pass Road To Heavy Vehicle Monitoring Station(DOT) At Musaffah E11 Road	10" + 6"	API 5L X 60	146
IRP II PIPELINE	TAKREER	GS ENGINEERING	Access Road To Substation(TRANSCO), Battery Energy Storage	10" + 6"	API 5L X 60	145
IRP II PIPELINE	TAKREER	GS ENGINEERING	Access Road To Petrol Station Out Going (Mussaffah To Tarif)	10" + 6"	API 5L X 60	143
IRP II PIPELINE	TAKREER	GS ENGINEERING	Abu Dhabi Refinery Access Road	10" + 6"	API 5L X 60	142
IRP II PIPELINE	TAKREER	GS ENGINEERING	26th Street Crossing	10" + 6"	API 5L X 60	140
IRP II PIPELINE	TAKREER	GS ENGINEERING	Water Pipeline Crossing	10" + 6"	API 5L X 60	140
IRP II PIPELINE	TAKREER	GS ENGINEERING	Road	10" + 6"	API 5L X 60	139
IRP II PIPELINE	TAKREER	GS ENGINEERING	Asphalt Road	20" + 6"	API 5L X 65	138
IRP II PIPELINE	TAKREER	GS ENGINEERING	Utility Crossing (TAKREER)	28"	API 5L X 70	137
IRP II PIPELINE	TAKREER	GS ENGINEERING	Utility Crossing (TAKREER)	28"	API 5L X 70	137
IRP II PIPELINE	TAKREER	GS ENGINEERING	Utility Crossing (TAKREER)	6"	HDPE	137
IRP II PIPELINE	TAKREER	GS ENGINEERING	Farm Access Road From Truck Road	12"	API 5L X 65	136
IRP II PIPELINE	TAKREER	GS ENGINEERING	Village Access Road From Truck Road	12"	API 5L X 65	136
IRP II PIPELINE	TAKREER	GS ENGINEERING	Farm Access Road From Truck Road	12"	API 5L X 65	136
IRP II PIPELINE	TAKREER	GS ENGINEERING	Village Access Road From Truck Road	12"	API 5L X 65	136
IRP II PIPELINE	TAKREER	GS ENGINEERING	Farm Access Road From Truck Road	6"	API 5L X 65	136
IRP II PIPELINE	TAKREER	GS ENGINEERING	Village Access Road From Truck Road	6"	API 5L X 65	136



EXPERIENCE LIST – HDD WORKS

ENGINEERED EXCELLENCE

Project	Owner	Main Contractor	Description Road/ Highway/Utility	Pipe Diameter	Pipe Grade	Crossing Length (Mtr.)
IRP II PIPELINE	TAKREER	GS ENGINEERING	Maqta Gas Pipeline Crossing	10" + 6"	API 5L X 60	135
IRP II PIPELINE	TAKREER	GS ENGINEERING	GASCO Pipeline Crossing	20" + 6"	API 5L X 65	135
IRP II PIPELINE	TAKREER	GS ENGINEERING	Utility Crossing (TAKREER)	28"	API 5L X 70	133
IRP II PIPELINE	TAKREER	GS ENGINEERING	Utility Crossing (TAKREER)	28"	API 5L X 70	133
IRP II PIPELINE	TAKREER	GS ENGINEERING	14 th Street/Twam Street	12"	API 5L X 65	133
IRP II PIPELINE	TAKREER	GS ENGINEERING	14 th Street/Twam Street	12"	API 5L X 65	133
IRP II PIPELINE	TAKREER	GS ENGINEERING	14 th Street/Twam Street	6"	API 5L X 65	133
IRP II PIPELINE	TAKREER	GS ENGINEERING	Utility Crossing (TAKREER)	6"	HDPE	133
IRP II PIPELINE	TAKREER	GS ENGINEERING	Newly Constructed Road	12"	API 5L X 65	131
IRP II PIPELINE	TAKREER	GS ENGINEERING	Newly Constructed Road	12"	API 5L X 65	131
IRP II PIPELINE	TAKREER	GS ENGINEERING	Newly Constructed Road	6"	API 5L X 65	131
IRP II PIPELINE	TAKREER	GS ENGINEERING	Al Dhafra Private Road	10"+6"	API 5L X 64	130
IRP II PIPELINE	TAKREER	GS ENGINEERING	IRP I Pipeline Crossing (Behind Sas Al Nakheel Villas)	20" + 6"	API 5L X 65	130
IRP II PIPELINE	TAKREER	GS ENGINEERING	Farm Access Road From Truck Road	12"	API 5L X 65	130
IRP II PIPELINE	TAKREER	GS ENGINEERING	Farm Access Road From Truck Road	12"	API 5L X 65	130
IRP II PIPELINE	TAKREER	GS ENGINEERING	Farm Access Road From Truck Road	6"	API 5L X 65	130
IRP II PIPELINE	TAKREER	GS ENGINEERING	Newly Constructed Road	12"	API 5L X 65	126
IRP II PIPELINE	TAKREER	GS ENGINEERING	Newly Constructed Road	12"	API 5L X 65	126
IRP II PIPELINE	TAKREER	GS ENGINEERING	Newly Constructed Road	6"	API 5L X 65	126



EXPERIENCE LIST – HDD WORKS

ENGINEERED EXCELLENCE

Project	Owner	Main Contractor	Description Road/ Highway/Utility	Pipe Diameter	Pipe Grade	Crossing Length (Mtr.)
IRP II PIPELINE	TAKREER	GS ENGINEERING	Al Dhafra Air Base Road	12"	API 5L X 65	123
IRP II PIPELINE	TAKREER	GS ENGINEERING	Al Dhafra Air Base Road	12"	API 5L X 65	123
IRP II PIPELINE	TAKREER	GS ENGINEERING	Al Dhafra Air Base Road	6"	API 5L X 65	123
IRP II PIPELINE	TAKREER	GS ENGINEERING	Service Road From Al Ain Truck Road	12"	API 5L X 65	122
IRP II PIPELINE	TAKREER	GS ENGINEERING	Service Road From Al Ain Truck Road	12"	API 5L X 65	122
IRP II PIPELINE	TAKREER	GS ENGINEERING	Service Road From Al Ain Truck Road	6"	API 5L X 65	122
IRP II PIPELINE	TAKREER	GS ENGINEERING	Village Access Road From Truck Road	12"	API 5L X 65	121
IRP II PIPELINE	TAKREER	GS ENGINEERING	Village Access Road From Truck Road	12"	API 5L X 65	121
IRP II PIPELINE	TAKREER	GS ENGINEERING	Village Access Road From Truck Road	6"	API 5L X 65	121
IRP II PIPELINE	TAKREER	GS ENGINEERING	Zakher ADNOC Station Road & Wall	12"	API 5L X 65	120
IRP II PIPELINE	TAKREER	GS ENGINEERING	Zakher ADNOC Station Road & Wall	6"	API 5L X 65	120
IRP II PIPELINE	TAKREER	GS ENGINEERING	Utility Crossing	28"	API 5L X 70	110
IRP II PIPELINE	TAKREER	GS ENGINEERING	Utility Crossing	28"	API 5L X 70	110
IRP II PIPELINE	TAKREER	GS ENGINEERING	Utility Crossing	6"	HDPE	110
IRP II PIPELINE	TAKREER	GS ENGINEERING	Road Inside Wadi	12"	API 5L X 65	104
IRP II PIPELINE	TAKREER	GS ENGINEERING	Road Inside Wadi	12"	API 5L X 65	104
IRP II PIPELINE	TAKREER	GS ENGINEERING	Road Inside Wadi	6"	API 5L X 65	104
IRP II PIPELINE	TAKREER	GS ENGINEERING	Zakher ADNOC Station Road & Wall	12"	API 5L X 65	103
IRP II PIPELINE	TAKREER	GS ENGINEERING	Road	8"+6"	API 5L X 60	100



EXPERIENCE LIST – HDD WORKS

ENGINEERED EXCELLENCE

Project	Owner	Main Contractor	Description Road/ Highway/Utility	Pipe Diameter	Pipe Grade	Crossing Length (Mtr.)
IRP II PIPELINE	TAKREER	GS ENGINEERING	Link Road From Truck Road Round About	12"	API 5L X 65	99
IRP II PIPELINE	TAKREER	GS ENGINEERING	Link Road From Truck Road Round About	12"	API 5L X 65	99
IRP II PIPELINE	TAKREER	GS ENGINEERING	Link Road From Truck Road Round About	6"	API 5L X 65	99
IRP II PIPELINE	TAKREER	GS ENGINEERING	IRP 1 Pipeline Crossing (Behind Sas Al Nakheel Villas)	10" + 6"	API 5L X 60	96
IRP II PIPELINE	TAKREER	GS ENGINEERING	Road	8"+6"	API 5L X 60	96
IRP II PIPELINE	TAKREER	GS ENGINEERING	Al Dhafra Private Road	10"+6"	API 5L X 65	90
IRP II PIPELINE	TAKREER	GS ENGINEERING	Road	10" + 6"	API 5L X 60	89
IRP II PIPELINE	TAKREER	GS ENGINEERING	TRANSCO Pipeline Crossing	12"	API 5L X 65	88
IRP II PIPELINE	TAKREER	GS ENGINEERING	Transco Pipeline Crossing	12"	API 5L X 65	88
IRP II PIPELINE	TAKREER	GS ENGINEERING	TRANSCO Pipeline Crossing	6"	API 5L X 65	88
IRP II PIPELINE	TAKREER	GS ENGINEERING	Concrete Wall	10" + 6"	API 5L X 60	87
IRP II PIPELINE	TAKREER	GS ENGINEERING	Al Dhafra Private Road	10" + 6"	API 5L X 60	86
IRP II PIPELINE	TAKREER	GS ENGINEERING	IRP I Pipeline Crossing	20" + 6"	API 5L X 65	86
IRP II PIPELINE	TAKREER	GS ENGINEERING	Al Dhafra Private Road	8"	API 5L X 61	83
IRP II PIPELINE	TAKREER	GS ENGINEERING	Road	10" + 6"	API 5L X 60	83
IRP II PIPELINE	TAKREER	GS ENGINEERING	Farm Access Road From Truck Road	12"	API 5L X 65	83
IRP II PIPELINE	TAKREER	GS ENGINEERING	Farm Access Road From Truck Road	12"	API 5L X 65	83
IRP II PIPELINE	TAKREER	GS ENGINEERING	Farm Access Road From Truck Road	6"	API 5L X 65	83
IRP II PIPELINE	TAKREER	GS ENGINEERING	Pipeline Crossing	10" + 6"	API 5L X 60	80



EXPERIENCE LIST – HDD WORKS

ENGINEERED EXCELLENCE

Project	Owner	Main Contractor	Description Road/ Highway/Utility	Pipe Diameter	Pipe Grade	Crossing Length (Mtr.)
IRP II PIPELINE	TAKREER	GS ENGINEERING	Road	10" + 6"	API 5L X 60	80
IRP II PIPELINE	TAKREER	GS ENGINEERING	Al Dhafra Private Road	8"	API 5L X 62	60
IRP II PIPELINE	TAKREER	GS ENGINEERING	Al Dhafra Private Road	8"+6"	API 5L X 66	60
IRP II PIPELINE	TAKREER	GS ENGINEERING	Al Dhafra Private Road	10"	API 5L X 66	58
IRP II PIPELINE	TAKREER	GS ENGINEERING	Al Dhafra Private Road	10+6"	API 5L X 67	58
IRP II PIPELINE	TAKREER	GS ENGINEERING	Al Dhafra Private Road	10"+6"	API 5L X 63	53

SAMPLE STRESS CALCULATION SUMMARY (MPa)

 Note: Unit is MPa or N/mm²

	On Skid		On Conveyor/ Overbend		During Pull back		During Pull back	
	Pre Test		Empty		Empty		Filled	
	Axial	Tangential	Axial	Tangential	Axial	Tangential	Axial	Tangential
Spanning	20.17		6.99					
	(20.17)		(6.99)					
Curvature			93.35		93.35		93.35	
			(93.35)		(93.35)		(93.35)	
Tensile			2.52		7.24		4.19	
Hoop External					(1.56)	(5.19)	(1.56)	(5.19)
Hoop Pre Test	85.87	286.25						
Hoop Post Test								
Total	106.04	286.25	102.85	0.00	100.59	0.00	97.53	0.00
	(20.17)	0.00	(100.34)	0.00	(94.90)	(5.19)	(93.35)	(5.19)
	296.84	106.04	100.34	102.85	94.90	103.28	93.35	100.22
Combined		296.84		102.85		103.28		100.22
As SMYS %		61.5%		21.3%		21.4%		20.8%

Allowable SMYS%	90%		90%		90%		90%
Longitudinal Stress	106.04		102.8		100.5		97.5
Longitudinal Stress/ SMYS	22%		21%		21%		20%
Limit from GS PLR 404	90%		90%		80%		80%
Acceptable Overall Stress	Yes		Yes		Yes		Yes

SAMPLE STRESS CALCULATION FOR 28" GASOIL PIPELINE

No	Item	Symbol	Value	Unit	Value	Unit
A Specification & Dimension						
	Outside diameter	OD	711.20	mm	28.0	in
	Outside radius	OR	355.60	mm	14.0	in
	Inside radius	IR	344.50	mm	13.6	in
	Internal diameter	ID	689.00	mm	27.1	in
	Wall thickness	wt	11.10	mm	0.437	in
	Coating thickness	ctt	3.00	mm	0.1	in
	Concrete thickness (outside)	cct	0.00	mm	0.0	in
	Section modulus	Z	4207368	mm ³		in ³
	Young modulus	E	210000.00	N/mm ²	30452736	psi
	SMYS (Specific Minimum Yield Strength)	Qmax	482.75	N/mm ²	70005	psi
	Pipe wall area	Ap	24413.66	mm ²		
	Coating Wall Area	Act	6731.18	mm ²		
	Concrete Wall Area	Acc	0.00	mm ²		
	Density of pipe	Dp	7850.00	kg/m ³		
	Density of Coating	Dct	920.00	kg/m ³		
	Density of concrete	Dcc	3040.00	kg/m ³		
	Density of Bentonite	Db	1100.00	kg/m ³		
	Density of Fluid	Dd	1000.00	kg/m ³		
	Pipeline length	L	211.00	m	692.3	ft
	Radius of curvature downhole	Rd	800.00	m	2624.8	ft
	Radius of curvature on overbend	Ro	800.00	m	2624.8	ft
	Maximum depth of profile	D	10.00	m	32.8	ft
	Conveyor spacing	S	12.00	m	39.4	ft
	Skid spacing	Ss	12.00	m	39.4	ft
	Friction factor (on conveyor)	Fc	0.15			
	Friction factor (downhole)	Fd	0.30			
	Friction Drill Fluid- Pipe Body	Fdd	0.00005	N/mm ²	0.01	psi
	Poison' ratio	v	0.30			
	Pre Installation Test Pressure	Ppre	92.20	bar	1337.25	psi



ENGINEERED EXCELLENCE

	Post Installation Test Pressure	P _{post}	92.20	bar	1337.25	psi
B	Pipe Unit Weights					
	Pipe on conveyors: Empty	W _e	197.84	kg/m	132.96	lb/ft
	Pipe on conveyors: Full of Fluid	W _f	570.68	kg/m	383.53	lb/ft
	Pipe downhole: Empty	W _{de}	(246.55)	kg/m	(165.69)	lb/ft
	Pipe downhole: Full of Fluid	W _{df}	126.30	kg/m	84.88	lb/ft
C1	Spanning Stress					
	Spanning Stress: (Empty on Conveyor)	S _{se}	6.99	N/mm ²	1013.95	psi
	Spanning Stress: (Full on Skids HT)	S _{sf}	20.17	N/mm ²	2924.83	psi
C2	Curvature Stress					
	Curvature Stress: On Conveyor	S _{cc}	93.35	N/mm ²	13536.24	psi
	Curvature Stress: Downhole	S _{cd}	93.35	N/mm ²	13536.24	psi
C3	Tensile Stress					
	Tension (Pull Force): On Conveyor: Empty	T _{ce}	6.26	MT	6.90	st
	Tensile Stress	S _{tce}	2.52	N/mm ²	364.86	psi
	Tension (Pull Force): On Conveyor: Full	T _{cf}	18.06	MT	19.91	st
	Tensile Stress	S _{tcf}	7.26	N/mm ²	1052.48	psi
	Tension (Pull Force): Downhole: Empty	T _{de}	18.03	MT	19.88	st
	Tensile Stress	S _{tde}	7.24	N/mm ²	1050.58	psi
	Amount of water added	Water	78670	kg	86.69	st
	Tension (Pull Force): Downhole: Filled	T _{dp}	10.42	MT	11.49	st
	Tensile Stress	S _{dp}	4.19	N/mm ²	607.03	psi
C4	Hoop Stress					
	External Pressure	P _{ext}	16500.00	kg/m ²	23.47	psi
	Hoop Stress: External	S _{he}	(5.19)	N/mm ²	(751.97)	psi
	Longitudinal Stress	S _{le}	(1.56)	N/mm ²	(225.59)	psi
	Hoop Stress: Pre-test	S _{ht}	286.25	N/mm ²	41509.32	psi
	Longitudinal Stress	S _{lt}	85.87	N/mm ²	12452.80	psi
	Hoop Stress: Post-test	S _{hp}	286.25	N/mm ²	41509.32	psi
	Longitudinal Stress	S _{lp}	85.87	N/mm ²	12452.80	psi

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