

Gulf Surveys of Yemen

COMPANY PROFILE

- Engineering
- Surveying
- Mapping
- Oil Field Services



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1.0 GSY SURVEYING EXPERIENCE

The Company

Gulf Surveys of Yemen is a Yemeni company established in year 1993 and utilises local and expat surveyors and is aiming to establish itself as the Republic of Yemen's primary survey company.

Using state of the art equipment, Gulf Surveys utilizes competent Senior Surveyors with an experience in land and engineering surveying in both the construction and oil and gas industries.

Gulf Surveys of Yemen has undertaken various past and present contracts for the following companies:

Aden Sheraton Hotel
Agip Yemen
Bahlas Carpet Factory
British Gas
Bulgargeomin Ltd.
CalValley Petroleum (Cyprus) Ltd.
Consolidated Contractors (Oil and Gas) Company
Canadian Nexen
Clyde Expro Plc. Yemen
DNO ASA, Yemen
Dove Energy Limited
Encana
GITEC / Dorsch Consult
Golden Spike Energy Yemen Ltd.
Hood Oil
HTC Yemen International Ltd. (Al-Hashedi)
Jannah Hunt Oil Company
JOECO
Nabors Yemen, Ltd.
Occidental Petroleum
Oil Search Yemen
Petro-Yemen
Petronas Carigali
Pressaug Energie
SINOMA International Engineering
Technohouse
Total E&P Yemen
Universal Group of Companies
Vintage Petroleum Yemen, Inc.
Yemen Hunt Oil Company
Yemen Mayfair Petroleum Corp.

2.0 THE EXPERIENCE

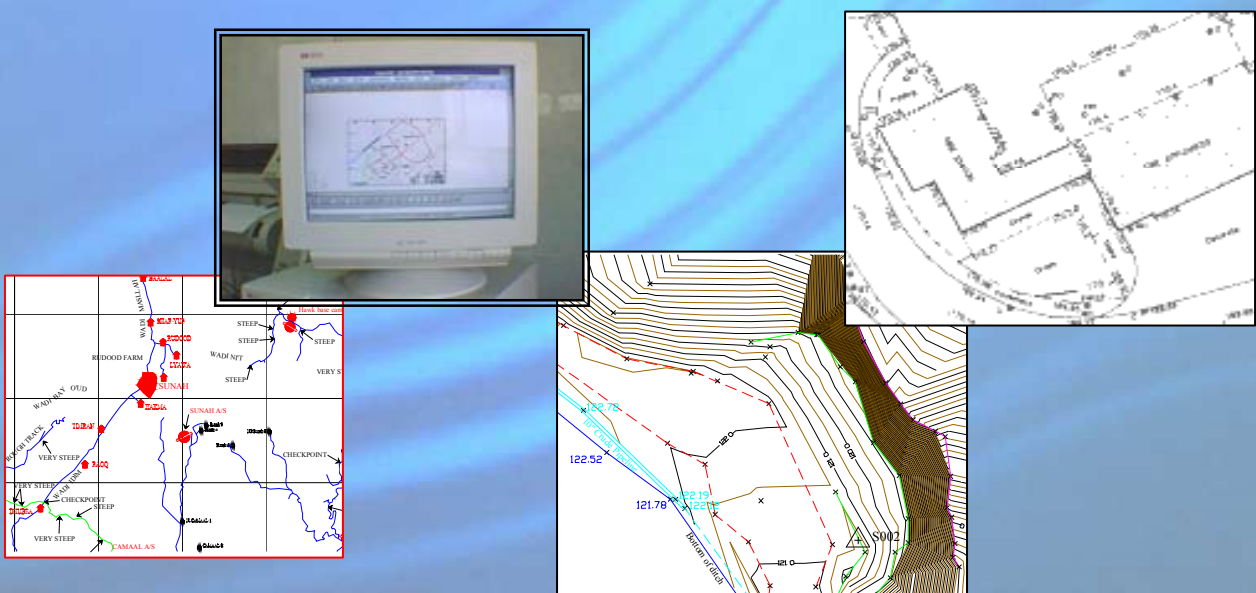
Gulf Surveys of Yemen employs professional surveyors using a wealth of experience to integrate data collection, processing and presentation systems. The company allies accuracy and speed with flexibility and cost effectiveness. Strengthened by commitment to rigorous quality control, we offer a comprehensive survey package tailored to your individual requirements.

Our range of activities fully encompasses all aspects of the Land and Engineering Surveying industry:

- Topographical surveys
- Engineering surveys
- Setting-out
- Measured building surveys
- Monitoring surveys
- Utility surveys
- Boundary surveys
- Geodetic control networks
- Line of sight determination
- Overhead cable clearances
- Pipeline surveys
- Route surveys
- Well location

Interfacing quality equipment with computerised data processing, results are quickly and efficiently achieved. Gulf Surveys expertise covers urban, rural and desert projects.

Output is available as either finished ink drawings or in AutoCAD format.



3.0 THE EXPERIENCE (YEMEN)

Gulf Surveys of Yemen was originally set-up to carry out the Canadian Nexen Petroleum Yemen (ex. Canadian Occidental) surveying contract.

It currently holds a number of regular survey contracts including the following:

1996 – 2005 Safer Exploration (ex. Yemen Hunt Oil Company -YHOC).

Providing survey technical services, including well location and small topographical surveys. Pipeline route surveys and line-of-sight surveys for communication masts.

From April/2004-November/2004, Gulf Surveys of Yemen containing (4 Surveying Crew) surveyed all flow lines, water pipelines, gas injection lines, and any existing features in YHOC Field. GSY also carried out the topographical survey of YHOC's facilities and prepared "As-Built" drawings of the CPU before CGG carried out 3D Seismic survey in Yemen Hunt Field. GSY is still Yemen Hunt's contractor in the surveying field.



1996 – 2007 Jannah Hunt Oil Company (JHOC)

As per the YHOC contract.

In addition, Gulf Surveys of Yemen has carried out a number of individual projects within the Republic of Yemen and these include:

Total E&P Yemen (Feb/2006 – Present) – GSY is carrying out the topographical survey of the edges of cliffs in in Kharir, Atuf and Tariba Field to update “As-Built” drawings of all Total's facility.

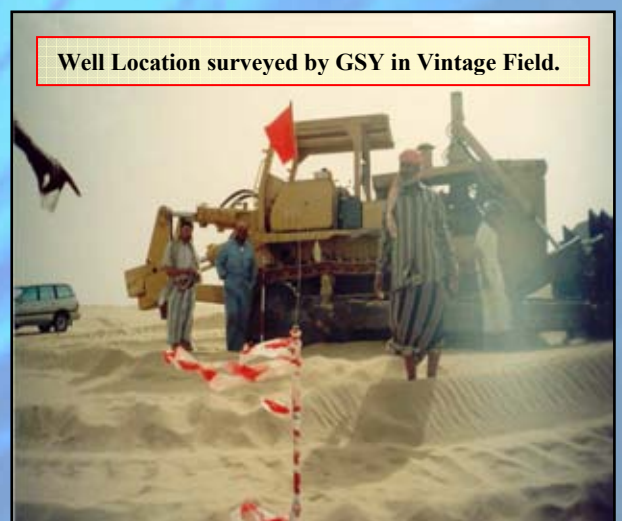
British Embassy Land in Sana'a – 2005 – GSY provided topographical surveys of the British Embassy new land.

Gold Mohr Hotel (Proposed 5-Star Hotel in Gold Mohr-Aden) - 2005 – GSY provided topographical surveys for the proposed location of a Five Star Hotel in Aden (Gold Mohr Beach). The area of the proposed hotel is 29,358.41 square meters.

Total E&P Yemen (December/2004 – June/2005) – GSY has recently completed a topographical survey and prepared “As-Built” drawings all Total's facility in Kharir, Atuf and Tariba Field. VPYI's Halewah Crude Oil Transfer Facility (COTF). Subject facility area is adjacent to Jannah Hunt's Block (5) Processing Plant. GSY has been surveying Total's well locations for the past three years.

Occidental Yemen Sabatain Incc. (2005) – Starting from year 2002 and until now, GSY has been surveying Occidental's well locations in Block 20 and Block 44. In March 2005, GSY surveyed and prepared a base map showing all the well locations and the optimal routes between the wells. The base map also included buried pipelines routes, sub-contractors camps, airstrip, ..etc.

Vintage Petroleum Yemen Inc. (2004-2005) – GSY surveyed and prepared “As-Built” drawings for VPYI's Halewah Crude Oil Transfer Facility (COTF). The subject facility area is adjacent to Jannah Hunt's Block (5) Processing Plant. GSY also carried out the pipeline route survey work starting from Annagyah Field and ending to Halewah facility of Jannah Hunt. GSY also established and constructed new control stations in Vintage Field in accordance to the international specifications. From year 2000, GSY has been surveying Vintage's well location until today.



Canadian Nexen Petroleum Yemen (2004 and 2005)

GSY carried out several line of sight determination work for Nexen's IT department. This work was required in order to install repeater towers on Nexen's buildings for their telecommunication purposes. GSY was to survey the distances of between Nexen's offices and to estimate the height of the tower to be installed.

In mid year 2004, GSY surveyed and drafted the location of Nexen's Head Office lot in Hadda Street showing all Nexen's office building, out buildings, service building, entrances, exits, boundary wall heights, locations of guard post, location of light poles, shades for parking, warehouse with vacant lot, the surroundings roads and buildings around Nexen office, etc. GSY also conducted a floor plan survey of each floor for Nexen's Main Building, IT Building, Administration Building, NTC Building, and Security Building. Nexen's etc. The floor plan would show how each floor of each building would contain of (e.g. offices, bathrooms, stairs, windows, doors, showing outside & inside wall thickness, location of structural columns, location of power + phone + and data outlets, location of main and sub-electrical distribution board, wiring cupboards, location of fire exits and fire alarm systems, and etc... GSY conducted a floor plan of Hadda

In year 2003, GSY conducted a customized survey work at Hadda Apartments showing all the compounds area, type of buildings, compound layout, guard posts, swimming pool area, generators, gardens, parking lot, barricades, security checkpoint, the surrounding roads around Hadda apartment, camera post, light poles, etc..



Line of Sight Survey work in Sana'a for Canadian Nexen (installing repeater towers).

Ras Issa Refinery Project (HOOD OIL) – (2004) – GSY provided the base mapping to enable a detailed design for the construction of the refinery for HOOD Oil.

GSY established and build new Control Points Monuments nearby the survey work based on the International Standards..



Aden Sheraton Hotel – (2002–2004) – GSY provided construction survey for the new Conference Hall building.

Bahlas Carpet Factory (Aden) – (2003–2004) – GSY provided construction survey for the new Carpet Factory in Yemen which is situated in Aden.

GITEC / Dorsch Consult (2002) – GSY provided the topographic base mapping for the construction of a sewage treatment plant in the Amran area.

Total Yemen / Technohouse (1999) – providing a topographical survey of an area of a wadi recently collapsed due to heavy rainfall, to enable design works to reinstate the access road to the CPU.

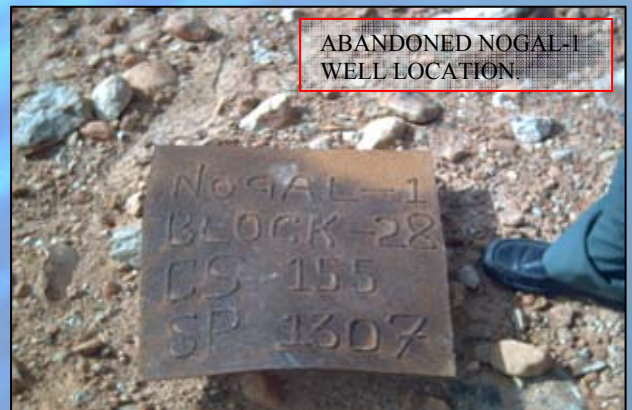
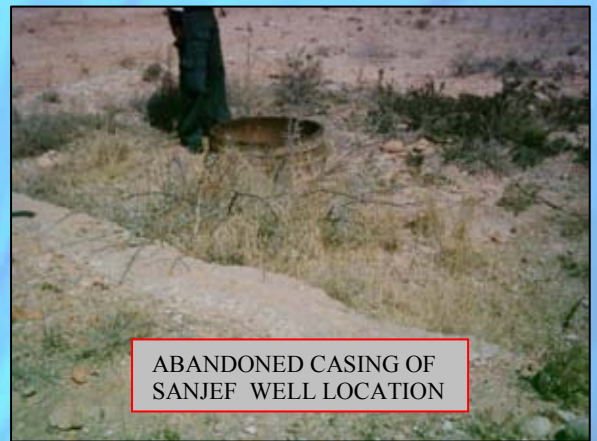
GSY carried a Topographical Survey of an area of a wadi collapsed due to heavy rainfall, to enable design works to reinstate the access road to Total CPU.



4.0 OVERSEAS EXPERIENCE

In addition, Gulf Surveys of Yemen has carried out survey works outside the Republic of Yemen and work involved was as follows:

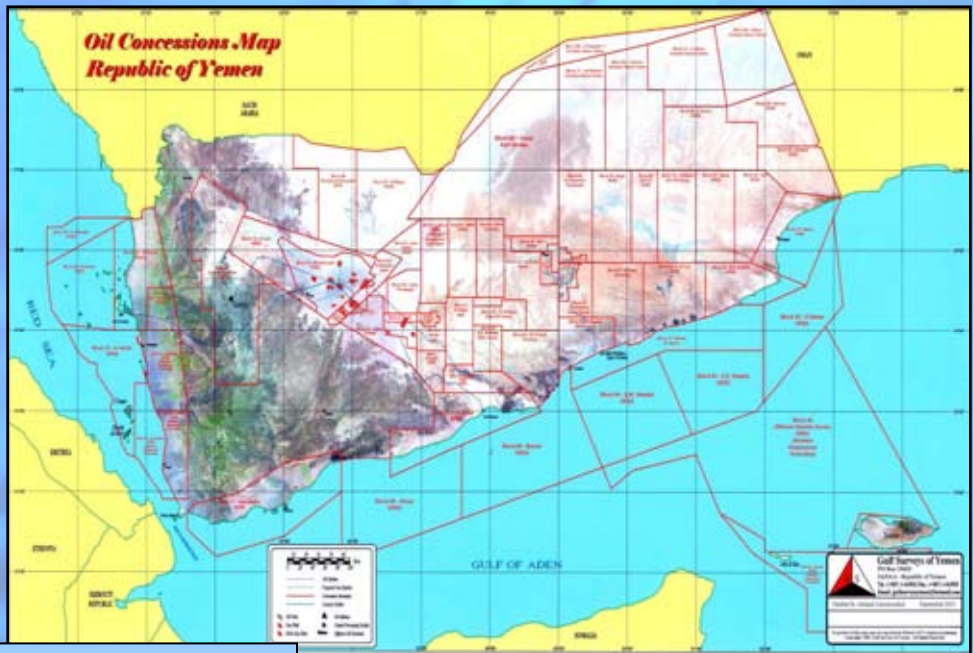
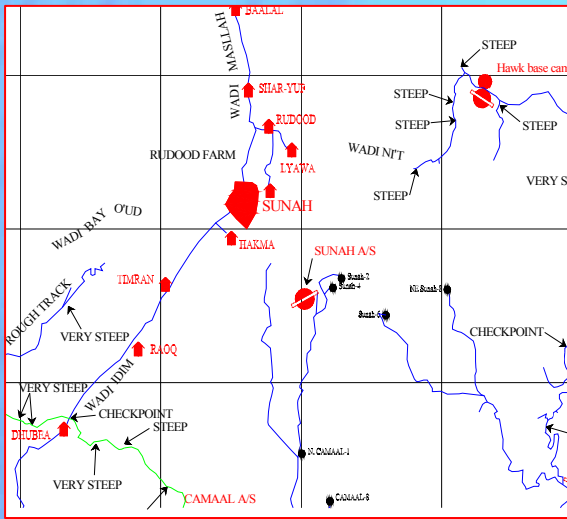
Punt-land (Ex. Somali) (Feb/2006) – GSY carried out survey work to locate the position of the well locations drilled by CONOCO in 1993. When the Somali government was overthrown and the civil war broke out in Somalia in year 1994, CONOCO was forced to leave their investments behind and they managed to wipe out any traces of progressed work in Somalia. The well locations positions were not known by the Punt-land Government (Ex. Somalia) and in year 2006, Punt-land Government requested GSY to locate the position of the drilled well locations, survey 2 new exploration wells, and find the traces of Seismic lines.



5.0 PRODUCTS

Maps – producing a detailed updated street map of the city using GPS techniques, including locations of major features such as oil companies, organisations, schools and banks. GSY produces the Sana'a, Aden, Masila, and Taiz Maps and updated Concession Maps.

GSY also produces customized drafting work for Sana'a Street maps for various oil companies, embassies, and international organization for their security purposes.



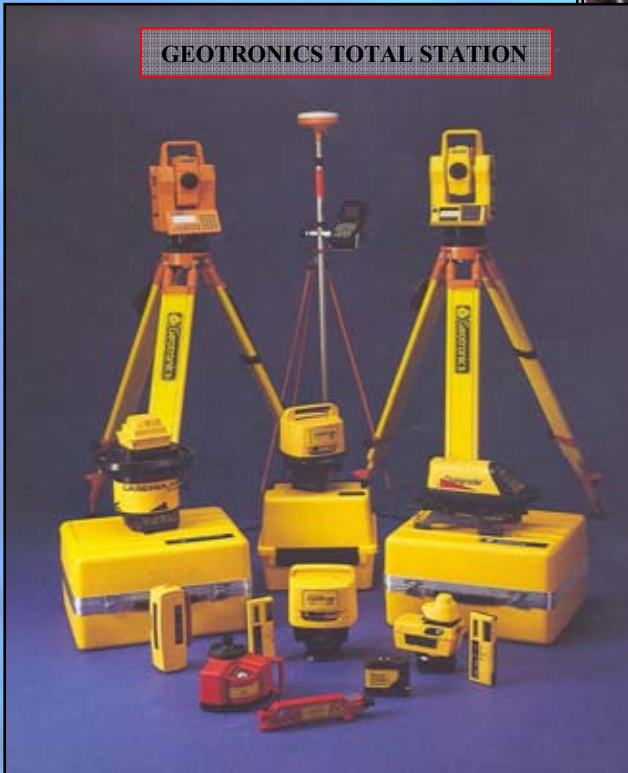
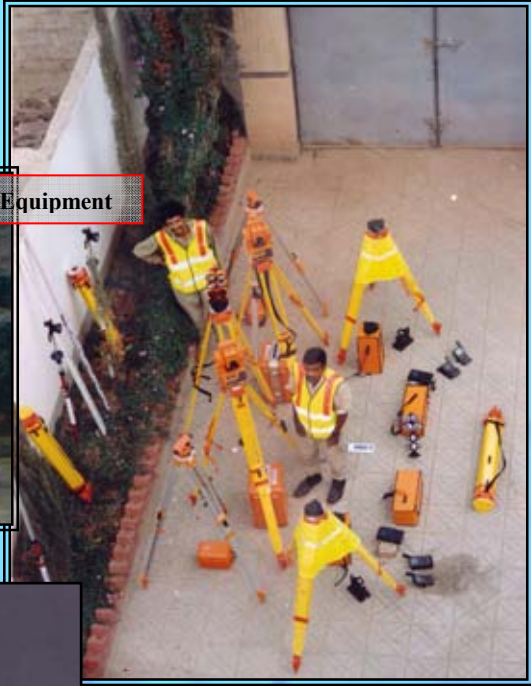
GSY produces the latest Concession Maps with Satellite Image based on the information from Ministry of Oil and Mineral Resources.

6.0 COMPANY'S EQUIPMENT

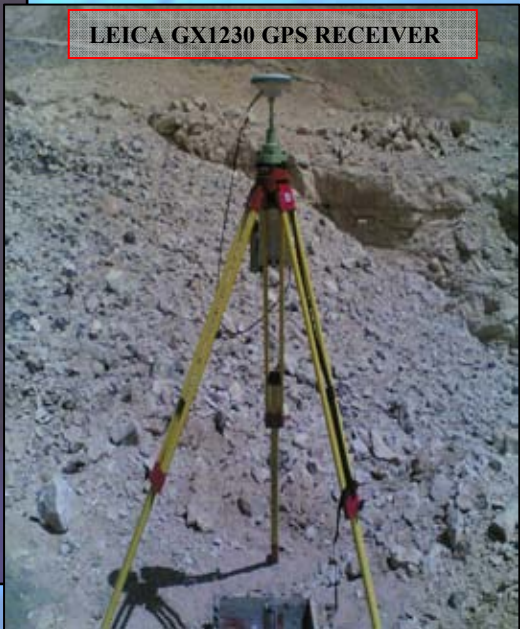
Gulf Surveys of Yemen has and owes all the necessary surveying equipment and drafting equipment in Yemen. All equipment is calibrated according to internationally recognised standards at the required intervals.



GSY Surveying Equipment



GEOTRONICS TOTAL STATION



LEICA GX1230 GPS RECEIVER

ELECTRONIC TOTAL STATION

	NAME OF ITEM	ORIGIN	QUANTITY	DATE OF MANUFACTURE	REMARKS
1.	Leica TC-1207C Electronic Total Station with necessary optional extras	Sweden	1	2006	
2.	Leica TC-407 Electronic Total Station with necessary optional extras	Sweden	1	2004	
3.	Geodimeter 510N, 1 second EDM Theodilite with necessary optional extras	Sweden	1	1996	
4.	Geodimeter 444, 1 second EDM Theodilite with necessary optional extras	Sweden	2	1995	
5.	Trimble Power Pack Kit (For 510N Geodimeter Backup Batteries	Sweden	1	2003	

DIFFERENTIAL GPS RTK RECEIVERS

	NAME OF ITEM	ORIGIN	QUANTITY	DATE OF MANUFACTURE	REMARKS
1.	LEICA GX1230 Geodetic GPS Dual Frequency RTK receiver, c/w all necessary ancillary equipment.	Sweden	3	2007	
2.	GEODIMETER Geotracer 2104 Geodetic GPS Receiver, c/w all necessary ancillary equipment.	Sweden	3	1996	
3.	TRIMBLE 4600 Single Frequency GPS Receiver, c/w all necessary ancillary equipment.	U.K.	2	2000	Based in UK
4.	GPS Survey Software	U.S.A.	1	2004	

SURVEYING EQUIPMENT

	NAME OF ITEM	ORIGIN	QUANTITY	MANUFACTURE DATE	REMARKS
1.	LEICA GEO	Sweden	3	2007	
2.	Geodimeter Geotracer GPS Post Processing Software Package	Sweden	3	1996	
3.	GPS Survey Software	U.S.A.	1	2004	
4.	Garmin 12XL (12 Channel Receiver)	U.S.A.	1	2002	
5.	Garmin 12 (12 Channel Receiver)	U.S.A.	1	2002	
6.	Lowrance Global Map 100 (12 Channel Receiver)	U.S.A.	1	2002	
7.	Magellan Trailblazer Handheld GPS Receiver	U.S.A.	2	1995	
8.	Leica / Wild NA20 Precision Survey Level	Switzerland	2	1996	
9.	CAT & GENNY Radiodetection	U.K.	1	2000	Based in UK
10.	Pipe / Cable Locator DA100 and DA200	U.K.	1	1995	
11.	Tripods	Sweden	24	1995-2006	
12.	Prisms	Sweden	55	1995-2006	
13.	Prism Assemblies	Sweden	15	1995-2006	
14.	Range Poles	Sweden	16	1995-2006	
15.	Measuring Staffs	Sweden	10	1995-2006	

LAPTOP COMPUTERS

	NAME OF ITEM	ORIGIN	QUANTITY	MANUFACTURE DATE
1.	SONY VAIO Intel Pentium 4 Processor Intel Pentium 4 Processor, DVD R/RW, 1 GB DDR SD Ram, 220 GB ² HD	Japan	1	2007
2.	TOSHIBA Satellite A-105 Intel Pentium 4 Processor, DVD R/RW, 512 MB DDR SD Ram, 120 GB ² HD	China	1	2006
3.	TOSHIBA Satellite Intel Pentium 4 Processor, 3.0 GHZ, DVD R/RW, 512 MB DDR SD Ram, GB ² HD	China	2	2005
4.	SONY VAIO Intel Pentium 4 Processor Intel Pentium 4 Processor, DVD R/RW, 1 GB DDR SD Ram, 220 GB ² HD	Japan	1	2005
5.	IBM Think Pad Intel inside Pentium III, 2.4 GHZ, 256 MB EDO Ram, 30 GB HD	China	1	2005
6.	DELL Latitude CSX 500 Notebook Intel Mobile PE Pentium III 500 MHz, 128 MB EDO Ram, 6.4 Gbyte HD	Ireland	1	2001

DESKTOP COMPUTERS

	NAME OF ITEM	ORIGIN	QUANTITY	REMARKS
1.	COMPAC with 20 inch Monitor , Intel Pentium-III 2.4 GHz MMX System, 500MB SD Ram, 120 Gbyte Ultra DMA HD, HP CD Writer	China	2	
2.	HP COMPAC , Intel Pentium-III 2680 GHz MMX System, 224 SD Ram, 120 Gbyte Ultra DMA HD, HL-DT-ST RW/DVD, LITEON CD-ROM, S3 Graphics ProSavage DDR 32 MB	China	1	
3.	COMPAC , Intel Pentium-III 2800 GHz MMX System, 224 SD Ram, 80 Gbyte Ultra DMA HD, HL-DT-ST CD RW/DVD, LITEON CD-ROM, S3 Graphics ProSavage DDR 32 MB	U.S.A.	1	
4.	LG , Intel Pantium-III 3200 GHz 512 SD Ram, 80 Gbyte, CD RW, DDR 256 MB	China	1	
5.	COMPAC , Intel Pentium-III 2600 GHz MMX System, 512 SD Ram, 80 Gbyte, DMA HD, HL-DT-ST CD RW/DVD, DDR 32 MB	U.S.A	1	
6.	EZ4000 , Intel Pentium-III 2600 GHz, 265 SD Ram, 60 Gbyte, DMA HD, HL-DT-ST CD RW/DVD, DDR 32 MB	China	1	
7.	HP Pavilion 8754C , Intel Pentium-III 800 MHz MMX System, 64MB SD Ram , 30 Gbyte Ultra DMA HD, CD Writer	U.S.A.	1	

PRINTERS, SCANNER, PLOTTER, AND DATA STORAGE

	NAME OF ITEM	ORIGIN	QUANTITY	REMARKS
1.	HP Scan Jet 5550C A4	China	1	
2.	HP Scan Jet 4470C A4	China	1	
3.	HP Scan Jet 3670 A4	China	1	
4.	HP Scan Jet IICX B5	U.S.A.	1	
5.	HP Scan Jet IICX B5	U.S.A.	1	
6.	Summagraphics Summagrid IV A1 Size	U.S.A.	1	
7.	HP Jetstore 2000 Data Storage Unit 2GB Tape	U.S.A.	2	
8.	HP Design Jet Plotter 750C A1 Size	U.S.A.	1	
9.	HP Design Jet Plotter 650C A1 size	U.S.A.	1	
10.	HP Design Jet Plotter 650C A0 size	U.S.A.	1	
11.	HP Desk Jet 3745	China	1	
12.	HP Laser Jet 1010	China	1	
13.	HP Laser Jet 4L	U.S.A	1	
14.	Epson LQ 300	Indonesia	1	
15.	HP Desk Jet 5160 A4	Malaysia	1	
16.	HP Desk Jet 1220C A4/A3 Colour Printer	China	1	
17.	HP Desk Jet 930C A4 Colour Printer	Spain	1	
18.	HP Desk Jet 695C Printer A4	China	1	
19.	HP Paint Jet XL300 B4 /A3/A4 Colour Printer	U.S.A.	1	
20.	HP Paint Jet XL300 B4 /A3/A4 Colour Printer	U.S.A.	1	

SURVEYING AND COMPUTERS SOFTWARES

	NAME OF ITEM	ORIGIN	QUANTITY	REMARKS
1.	AutoCAD Release 2006	U.K.	1	
2.	Civil Survey 2006	U.K.	1	
3.	AutoCAD Release 2004	U.K.	1	
4.	AutoCAD Release 2002	U.K.	1	
5.	Civil Survey 2004	U.K.	1	
6.	AutoCAD 2002 Land Development	U.K.	1	
7.	LSS – Data Processing / Cogo / CAD Package	U.K.	1	
8.	SDR Map – Data Processing / Cogo	U.K.	1	
9.	AutoCAD Release 13	U.K.	1	
10.	AutoCAD Release 13	U.K.	1	
11.	Bluemoon’s Landscape Cogo	U.K.	2	

MISCELLANEOUS

	NAME OF ITEM	ORIGIN	QUANTITY	REMARKS
1.	Motorola Radio Transmitters (T6510) – 5km	China	4	
2.	Motorola Radio Transmitters (T7400) – 5km	China	2	
3.	Motorola Radio Transmitters (TA200) – 3km	U.S.A.	2	
4.	Casio FX850P - Scientific and Personnel Computer-Calculator	Japan	1	
5.	Yanmar Diesel Generator	Japan	1	
6.	Yuasa Charger for 12 volt Battery – for Total Station	Japan	1	
7.	Yuasa Dry Battery 12 volt for Total Station	Japan	1	
8.	Sony Digital Camera DSC-P32 (3.2 Mega Pixels)	Japan	1	

VEHICLES

	BRAND NAME	ORIGIN	QUANTITY	REMARKS
1.	Toyota Land Cruiser GXR – Diesel	2006	1	
2.	Toyota Land Cruiser GXR – Petrol	2006	1	
3.	BMX X-5	2005	1	
4.	Toyota Land Cruiser VXR – Petrol	2004	1	
5.	Suzuki Liana	2003	1	
6.	Suzuki Liana	2002	1	
7.	Toyota Land Cruiser VXR – Petrol	2001	1	
8.	Toyota Land Cruiser VXR – Petrol	1997	1	
9.	Land Rover Discovery	1997	1	
10.	Toyota Land Cruiser VXR – Petrol	1996	1	
11.	Toyota Cressida	1994	1	

Survey Support Equipment

Gulf Surveys of Yemen are fully equipped with the following Survey Support Equipment:

- 100 meter Chain.
- Scientific Thermometer.
- Scientific Barometer.
- Scientific Calculator/Scientific Personnel Computer
- Digital Stopwatch.
- Work Light Spectacles.
- Silver Range Compass.
- Red and White Hazard String Tape.
- Binoculars.
- Chart well Collimation Books.
- Chart well Mining Transit Books.
- 12 Hours Fluorescent Emergency Light Sticks.
- Disposable Overalls.
- Drum Plotter A1 Sheet size Minimum, Complete with Print Buffer and Software.
- Surveyor's Uniform (Fluorescent).
- Dust Masks.
- Gas Monitor.
- Tire/Wheel Pressure Air Meter.
- Hammers.
- Ear Plugs.
- Spray Paints.
- Steel Tapes and Pocket Tapes.
- First Aid Kit
- Hard Hats
- Safety Helmets
- Safety Glasses
- Safety Steel Toed Boots
- Leather Gloves

7.0 TESTING AND INSPECTION

TESTING AND INSPECTION OF EQUIPMENT

For the equipment currently in country are manufactured, tested and inspected as follows:

	Name of Item	Manufactured in	Test and Inspection
1.	LEICA GX1230 Geodetic GPS Dual Frequency RTK receiver	Switzerland	Survey Supplies United Kingdom or Local Agent in Yemen Nasher Engineering
2.	Leica TC-1207C (Total Station) Leica TC-407-7 (Total Station)	Switzerland	Survey Supplies United Kingdom or Local Agent in Yemen Nasher Engineering
3.	HP Printers + HP Scanners + HP Computers + Compaq Computers	U.S.A. + China + Ireland + Singapore	Local Agent in Yemen NATCO
4.	Toyota Land Cruiser	Japan	Local Agent in Yemen Bazara
5.	Toshiba Satellite Laptop Computer P35-S611 and A-105 and IBM	China	Local Dealer in Yemen Al-Falak
6.	Geotronics Total Stations EDM Theodilite (444, 510N)	Sweden	United Kingdom Survey Supplies
7.	Geodimeter Geotracer 2104 Geodetic GPS Receiver	Sweden	United Kingdom Survey Supplies
8.	HP Plotter 650C A0 size	U.S.A.	Local Agent in Yemen NATCO
9.	HP Printers + HP Scanners + HP Computers + Compaq Computers	U.S.A./China/Ireland Singapore	Local Agent in Yemen NATCO
10.	Toshiba Satellite Laptop P15-S420	China	Local Dealer in Yemen Al-Falak
11.	Toyota Land Cruiser	Japan	Local Agent in Yemen Bazara

8.0 THE PERSONNEL

PERSONAL DETAILS

Name	Dr. Yahia Mohammed Hassan Al-Haifi
Nationality	Yemeni
Date of birth	01/08/1956
Marital Status	Married
Years of Experience	19

QUALIFICATIONS :

Ph.D in high precision GPS positioning for engineering surveying. Thesis Title ‘Short Range GPS Single Epoch Ambiguity Resolution.’ (University of Newcastle upon Tyne, UK 1996).

M.Sc. in Engineering Surveying and Geodesy (University of Nottingham, UK, 1989).

B.Sc. in Surveying Engineering (Shoubra-Cairo, Zagazig University, Egypt, 1983).

EMPLOYMENT HISTORY

2001 – present	:	Gulf Surveys of Yemen – Consultant Surveyor
Since October 1996	:	Lecturing applied statistics for undergraduate and post-graduate level students at the Faculty of Engineering, Sana’a University.
October 1996 up to now	:	Lecturer for engineering surveying, classical and advanced geodetic surveying, construction surveying for architectural undergraduate civil engineering students at Sana’a University and other private Universities.
October 1997 up to now	:	Lecturer advanced surveying courses for final year civil engineering students. Supervising final year civil engineering students undertaking surveying oriented graduation projects.
April – June 1999	:	Prepared and ran in English two sessions on Surveying Operations for Hydro-Engineering Projects, sponsored by the FAO office in Sana’a.
October 1989 to October 1992	:	Assistant Lecturer of Engineering surveying and geodesy at Sana’a University.
January 1985 to June 1987	:	Demonstrator of engineering surveying, geodesy and descriptive geometry at Sana’a University.
Industrial Experience	:	22 years of experience in surveying works.

RELEVANT EXPERIENCE

Dr. Yahia has gained knowledge and skills in planning, managing and running various basic and advanced geodetic/plane surveying and related topic courses and training on a long or short period basis. As well as conducting seminars and talks for surveying interested institutions.

Consulting, managing, planning and carrying out field and office works for geodetic/plane and engineering surveying projects as well as analysing captured data and obtained results with high standards. Mostly, in all precise survey works including:

- GPS satellite surveying for various applications (using any of dual frequency GPS receiver Trademarks).
- Deformation monitoring.
- Road project planning, designing and setting out
- Detail and topographical survey of mapping on large or small scales, using up-to-date survey techniques and instrumentation (e.g. GPS and/or EDM Total Stations) as well as conventional survey methods and instrumentation.

Good knowledge in Photo-grammetry and knowledgeable in Remote Sensing and GIS technologies.

Very good to excellent knowledge in computing, English, and report writing.

PERSONAL DETAILS:

Name	Eng. Robert David Grieve
Nationality	British
Date of Birth	3 rd April 1971
Marital Status	Married
Years of Experience	16

EDUCATION:

Jun 1994 – Jul 1994	University of East London
Sep 1991 – Jun 1994	Polytechnic of East London
Sep 1989 – Jun 1991	Waltham Forest Technical College

QUALIFICATIONS:

RICS Finals	(1994)
BTEC HNC in Land Surveying	(1991-1994)
BTEC ONC in Land Surveying	(1989-1991)

PROFESSIONAL & TECHNICAL QUALIFICATIONS:

Probationer of the Royal Institution of Chartered Surveyors (RICS)
 Associate Member of the Institution of Civil Engineering Surveyors (ICES)
 BS5750 Part 1 and auditing of Quality Management Systems - 1997
 Railway Track Safety (Railtrack) – 1997
 Signing and Guarding – Chapter 8 DOT compliance – 1997
 Underground Cable Detection (Radiodetection) – 1997
 AutoCAD Key Terra-Firma user course – 1997
 Confined Space Entry and use of B.A. – 1996
 GPS user course (Trimble) – 1995

EMPLOYMENT HISTORY:

October 1999 – Present	Freelance Surveyor / Consultant UK, Yemen & Ethiopia.
August 1999 – October 1999	Senior Surveyor Inco-Lab Survey Division, Kuwait.
June 1998 – August 1999	Senior Surveyor Gulf Surveys of Yemen, Sana’a, Republic of Yemen.
July 1995 – June 1998	Senior Surveyor WS Atkins Consultants Ltd, UK.

September 1988 – July 1995

Surveyor
Essex County Council - Highways department,
UK.

July 1987 – August 1998

Survey Assistant
R.E.D.Land Surveys, UK.

RELEVANT EXPERIENCE:

Mr Grieve has 16 years of surveying experience including 14 months based in Yemen and then various contracts in the Republic of Yemen, Kuwait and Ethiopia.

During his time in Yemen, he worked for several oil companies, locating wells, pipeline route surveys and general topographic surveys for oilfield construction. Similar work was completed in Kuwait as well as line of sight surveys for communication towers.

Management experience includes several large projects involving multiple survey crews for water pipelines and construction projects for roads and bridges.

Overall experience covers most aspects of surveying, particularly for large projects. Working for large organisations has involved a large amount of responsibility with respect to Total Quality Management.

He is currently a freelance surveyor working on projects in the UK, travelling to Yemen and Ethiopia to undertake specialist GPS projects and project management when required.

PERSONAL DETAILS:

Name	Eng. Simon Canning
Nationality	British
Date of Birth	1975
Marital Status	Single
Years of Experience	11

QUALIFICATIONS:

BTEC HNC Land Surveying and Cartography
BTEC ONC Land Surveying and Cartography
MSc In Geodetic Surveying – completion in 2004 (having Passed Exams In Satellite Positioning, Advanced Satellite Positioning, Geodesy, Analytical Methods (Mathematics), Geodetic Reference Systems, Field Course, Exploration Surveying, Digital Charting and Mapping.)

EMPLOYMENT HISTORY:

2003 – Present	Senior Land Surveyor Simmons Aerofilms, UK.
2002 – 2003	Hydrographic Surveyor Gardline Surveys, Offshore.
1995 – 2002	Senior Surveyor WS Atkins Consultants Ltd, UK.
1993 – 1995	Land Surveyor Essex Highways Consultancy, UK.

RELEVANT EXPERIENCE:

Mr. Canning has a strong background in engineering surveys with more recent work in offshore positioning and aerial photo-control.

With an emphasis on GPS, Mr. Canning is currently completing his thesis to achieve an MSc in Geodetic Surveying and is keen to participate in a project to set up and develop a GPS network and associated applications.

PERSONAL DETAILS:

Name	Eng. Abdul-Hakim Al-Hubaishy
Nationality	Yemeni
Date of Birth	1956
Marital Status	Married
Years of Experience	24 Years

QUALIFICATIONS:

Experienced land surveyor with a wide knowledge of GPS.
 Experienced in AutoCAD Drawings.

EDUCATION:

1978 Degree in Geodetic Survey
 Cairo University

EMPLOYMENT HISTORY:

2001-Present	<p>Gulf Surveys of Yemen. Senior Surveyor Surveying company servicing civil engineering and oil and gas industries Carried out survey work for YHOC, JHOC, Vintage, Occidental, Total E&P Yemen, Calvalley, Encana, Petronas, and Preussag Energie.</p>
1999-2001	<p>CGG (Seismic Survey). French Seismic Survey Company. Surveyor Carried out seismic survey in blocks of (Canadian Occidental, Mol Yemen, Vintage Petroleum, Ocean Energy, and AGIP).</p>
1996-1999	<p>Hawk International Finance and Construction Company. Chief Surveyor Carried out survey for the Early Oil Production Phase (EOPP) and pipeline route from Halewah to (CPU) in Jannah Hunt Field. Surveyed Al-Nasr facilities in JHOC and Long Term Production Phase.</p>
1995-1996	<p>Celtic Survey Services (Yemen). Surveying company servicing civil engineering, oil and gas industries. Senior Surveyor Surveyed oil well locations, pipeline routes, manifolds of CPF and the terminal of Canadian Occidental Petroleum Block under the Contract No. 9685L091.</p>

Gulf Surveys of Yemen

1993-1995

Nortech Surveys

Seismic Survey Company.

Senior Field Surveyor

Surveyed well locations, pipeline routes, and carried out Heliportable seismic 2D and 3D operations for Canadian Oxy, Total, B.P., British Gas, Shell, Clyde, Exxon, JHOC, YHOC, and etc...

1991-1993

Western Geophysical

Crew No. 767 and 773

Carried out Heliportable seismic survey in Chevron Block, British Petroleum, Block and Lasmo Block.

1979-1991

Carried out land survey in road construction in Saudi Arabia and United Arab Emirates.

PERSONAL DETAILS:

Name	Eng. Ahmed Amer
Nationality	Yemeni
Date of Birth	1949
Marital Status	Married
Years of Experience	34 years

EDUCATION:

1974 – 1978	Degree in Surveying Tehran – Iran
1982	Diploma in photogrammetry (I.T.C.) - Netherlands
Languages	Arabic (Mother Tongue) English (Good)

OTHER SKILLS:

MS office, MS Word, MS Excel, GIS

EMPLOYMENT HISTORY:

2004 - Present	Gulf Surveys of Yemen Senior Surveyor Surveying company servicing civil engineering and oil and gas industries. Carried out survey work for YHOC well location and topographical survey of YHOC facilities and flow line.
2001 - 2004	Survey Authority Consultant and Senior Surveyor
1992 - 1999	IGN - FRANCE Project Manager Established the Geodetic National Network. Executed GPS Projects for Alcatel, Yemen Hunt Oil Company, and Total. Executed GPS Projects for Hansa Luftbuild (Aerial Survey Company) and MAPS Geosystem for Aden town planning.
1986 - 1992	Survey Authority Field Survey Manager Executed Topographical Survey of two cement factories and electricity networks in five Districts.
1983 - 1986	Survey Authority Project Manager Geosurvey (town maps planning).
1979 - 1982	M.P.W. (Swiss Technical Project) Counterpart Management of survey projects of all aerial photography of Yemen, photomaps and line maps).

PERSONAL DETAILS:

Name	Eng. Fathi Ali Hussein
Nationality	Yemeni
Date of Birth	1953
Marital Status	Married
Years of Experience	34 years

EDUCATION:

1973	Joseph High School – Aden
1980	Geodesy Survey – Milan, Italy
Languages	Arabic (Mother Tongue) English (Good)

OTHER SKILLS:

MS office, MS Word, and MS Excel

EMPLOYMENT HISTORY:

2004 - Present	Gulf Surveys of Yemen <i>Senior Surveyor</i> Surveying company servicing civil engineering and oil and gas industries.
1997 - 2004	PEPB / Data Bank <i>Senior Surveyor</i>
1988 - 1997	CGG <i>Senior Surveyor</i> Senior Surveyor on Seismic Survey. Worked in Total Block and Canadian Occidental Block
1973 - 1983	Petroleum Exploration and Production Board <i>Senior Surveyor</i>

PERSONAL DETAILS:

Name	Eng. Bassim Ali Al-Harazi
Nationality	Yemeni
Date of Birth	1980
Marital Status	Single
Years of Experience	3 Years

EDUCATION:

BSc in Survey Engineering and civil Engineering (Sana'a University) – 2002
Improving the English language - 2003

EMPLOYMENT HISTORY:

2002 – Present	Gulf Surveys of Yemen. Surveying company servicing civil engineering and oil & gas industries. Draftsman /Junior Surveyor/Assistant Surveyor He carried out survey works for YHOC, JHOC, Vintage, Occidental, Total E&P Yemen, Calvalley, Encana, Oil Search, JOECO, OMV, Petronas and Preussag Energie.
2001	Ministry of Planning, and Urban Development Assistant Surveyor.

PERSONAL DETAILS:

Name	Eng. Fawaz Ali Abdullah Ahmed
Nationality	Yemeni
Date of Birth	1977
Marital Status	Married
Years of Experience	6 Years

EDUCATION:

BSc in Survey Engineering and civil Engineering (Aden University) – 2001
 AutoCAD 2000- 2006 Drawings.
 Improving the English language

TRAINING PROGRAM AND SPECIALIZED COURSES:

July – August 2000	Certificate of summer training in Aden Refinery Company.
July – August 2001	Certificate of summer training in Ministry of Construction in Aden Branch.
February 2005	Course in land desktop program (Public Works Office in Aden Branch)

KEY QUALIFICATIONS:

Good background in civil works as (design & construction of irrigation structures, design of roads, sewer system, water net works.

EMPLOYMENT HISTORY:

January 2006 – Present	<p>Gulf Surveys of Yemen. Surveying company servicing civil engineering and oil and gas industries. Carried our survey work of well locations, topographical survey work for JHOC, Vintage, Occidental, Dove Energy, JOECO, OMV, Total E&P Yemen, and Calvalley Petroleum.</p> <p>Wide knowledge in AutoCAD drawings Experienced in drafting.</p>
March/2005 – Dec/2005	<p>Al-Wadae Office for Contracting and Investment Enterprise. Worked as a site supervisor/chief surveyor leader to build the Midi Port Project in the Governorate of Hodeidah which was financed by the Ministry of Fisheries.</p>
Feb/2002 – Jan/2005	<p>Al-Wadae Office for Contracting and Investment Enterprise. Worked as a site supervisor/chief surveyor leader to build the Al-Khokhah Port Project in the Governorate of Hodeidah which was financed by the Ministry of Defence.</p>

PERSONAL DETAILS:

Name	Eng. Sami M. Sharafudeen
Nationality	Yemeni
Date of birth	1973
Marital Status	Married
Years of Experience	9 Years

EDUCATIONS:

AutoCAD 2000 (2D & 3D) Drawings.
 3D STUDIO Max, 3.1v for creating perspectives and animation.
 Adobe Photoshop, 5.0ME for rendering and editing pictures.
 Microsoft Office Programs, Word & Excel
 Arabic and English Typing
 Internet

EDUCATIONS:

1994 – 1999	Sana’a University, Faculty of Architecture B.Sc., in Architecture with honor degree ranking second
January 1995	TOFEL
1992 –1993	Al Ahliah High School High School Certificates with high performance 92%

EMPLOYMENT HISTORY

January 2001 – Present	Gulf Surveys of Yemen AutoCAD Draftsman (On hourly Basis)
Oct 1999 – June 2000	Sana’a University, Faculty of Architecture Architectural Demonstrator
July 2000 – Up to date	Own Business in Sana’a Architect, Designing and supervising a villa situated in Al-Giraf in Sana’a.
July 1999 – Up to date	Al-Mamari for Design & Construction Architect.
April 2000 – Oct. 2000	Own Private Business in Sana’a Designing the decoration of the Al-Taif Laundries (four new branches) and the renovation for the main branch situated in Zera’h Street.
August 1999 – November 1999	Ministry of Construction and Urban Design Member of the Designing Group, participated in the open competition for the President’s Mosque in Sana’a (2D & 3D Drawings).

Gulf Surveys of Yemen

May 1999 – June 1999

GHK Ltd.

Prepared books for (Cultural Heritage Protection) by computer.

August 1994 – February 1996

Property Center Company Ltd.

Administrative Supervisor.

Supervised the finishing decorative works at Plaza Hotel.

PERSONAL DETAILS:

Name	Mr. Salal Al-Hubaishy
Nationality	Yemeni
Date of Birth	1964
Marital Status	Married
Years of Experience	20 years

EDUCATION:

Secondary High School – Somalia

Languages	Arabic (Mother Tongue) English
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EMPLOYMENT HISTORY:

2000 – Present	Gulf Surveys of Yemen Assistant Surveyor
1999 - 2001	Hawk Assistant Surveyor
1983 - 1999	National Guard Hospital- Jeddah Engineering Section. Worked as a Foreman

RELEVANT EXPERIENCE:

Mr. Hubaishy mainly worked as an assistant surveyor in the Oil and Gas Industry like Yemen Hunt Oil Company, and Jannah Hunt Oil Company, Occidental, Vintage Petroleum, Total E&P Yemen, Preussag Energie, and Calvalley Petroleum. He assisted surveyors in locating wells, pipeline, route survey, and general topographical surveys for oil field construction.

PERSONAL DETAILS:

Name	Mr. Abdul-Hakim Al-Sabri
Nationality	Yemeni
Date of Birth	1984
Marital Status	Single
Years of Experience	2 years

EDUCATION:

Secondary High School – Sana'a	
Languages	Arabic (Mother Tongue) English

EMPLOYMENT HISTORY:

2004 – Present	Gulf Surveys of Yemen Assistant Surveyor
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RELEVANT EXPERIENCE:

Mr. Al-Sabri mainly worked as an assistant surveyor in the Oil and Gas Industry like Yemen Hunt Oil Company, and Jannah Hunt Oil Company, Occidental, Vintage Petroleum, Total E&P Yemen, Preussag Energie, and Calvalley Petroleum. He assisted surveyors in locating wells, pipeline, route survey, and general topographical surveys for oil field construction. Mr. Al-Sabri worked as an assistant surveyor to carry out a topographical survey in Total E&P Yemen Field.

PERSONAL DETAILS:

Name	Mr. Abdul-Fatah Al-Raimi
Nationality	Yemeni
Date of Birth	1979
Marital Status	Single
Years of Experience	2 years

EDUCATION:

Secondary High School - Sana'a
Psychology Faculty 2005- Sana'a University
Languages: Arabic (Mother Tongue)

EMPLOYMENT HISTORY:

2005 – Present	Gulf Surveys of Yemen Assistant Surveyor
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RELEVANT EXPERIENCE:

Mr. Al-Raimi mainly worked as an assistant surveyor in the Oil and Gas Industry like Occidental, Vintage Petroleum, Total E&P Yemen, and Calvalley Petroleum. Mr. Al-Raimi worked as an assistant surveyor to carry out a topographical survey in Total E&P Yemen Field.

PERSONAL DETAILS:

Name	Mr. Talab Ziad Abdul-Majeed
Nationality	Yemeni
Date of Birth	1984
Marital Status	Single
Years of Experience	8 months

EDUCATION:

Secondary High School 2005 – Sana'a, Republic of Yemen
Languages: Arabic (Mother Tongue)

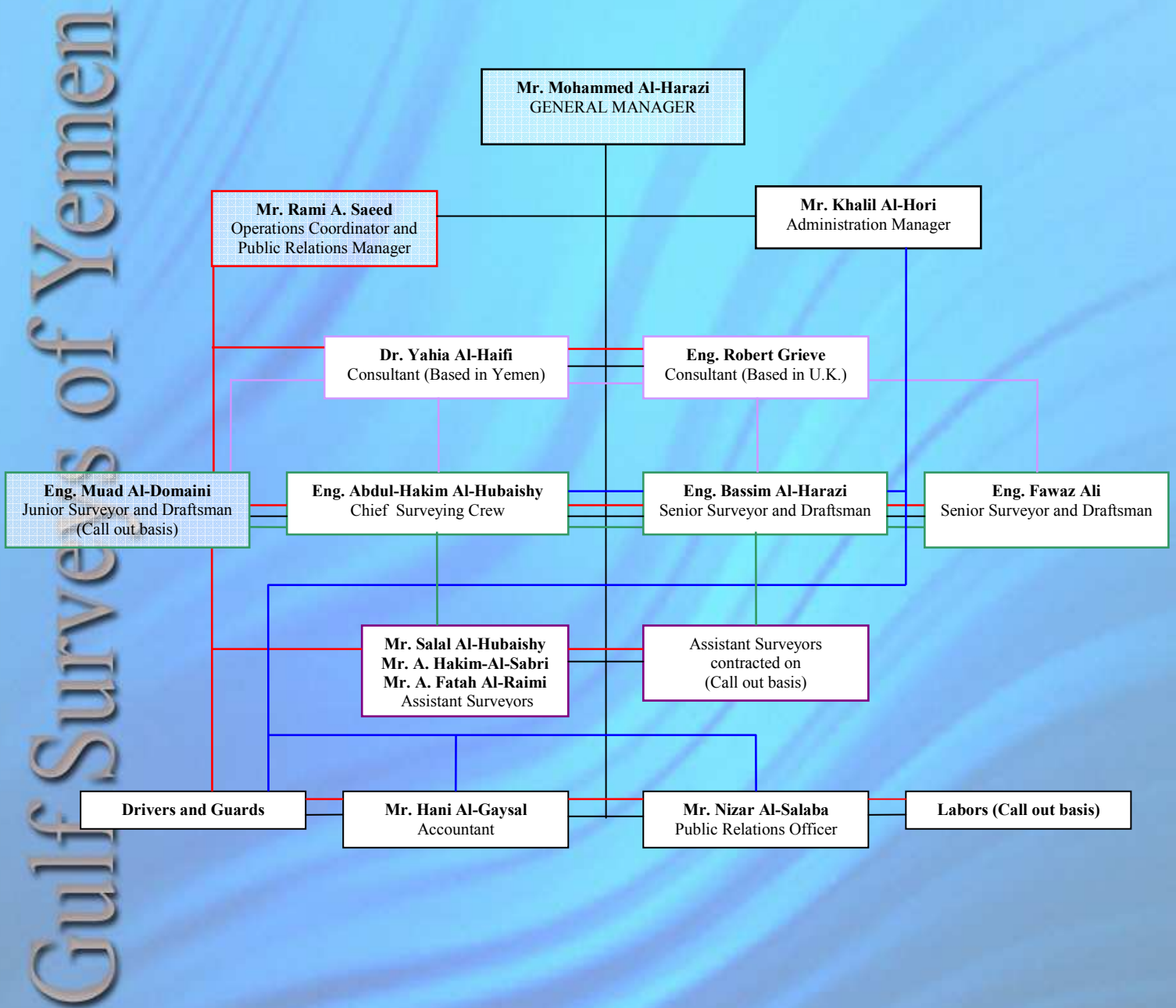
EMPLOYMENT HISTORY:

2006 – Present	Gulf Surveys of Yemen Assistant Surveyor
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RELEVANT EXPERIENCE:

Mr. Al-Sabri worked as an assistant surveyor to carry out a topographical survey in Total E&P Yemen Field.

9.0 ORGANIZATION CHART



**Gulf Surveys of Yemen are always
Ready to discuss your surveying requirements.**

You can contact us at the following postal address:

**Gulf Surveys of Yemen
P.O. Box 19433
SANA'A
Republic of Yemen**

Or call us on:

Telephone: 00967-1-209265 or 00967-1-465560

Facsimile: 00967-1-209266

Email: gulfsurveysyemen@gmail.com

We look forward to hearing from you...

