



A BKG HOLDING COMPANY

QEL-BAHRAIN BRANCH

PRE-QUALIFICATION DOCUMENT

COMMERCIAL REGISTRATION NO. BAHRAIN- 76096
CRPEP - LICENCE NO. GC/21-F
APPROVED by MINISTRY OF WORKS and MINISTRY OF HOUSING

P.O. Box 50191, Hidd, Kingdom of Bahrain
Laboratory Location: Shed- 9, Building 2189, Road 1529,
Block 115, Hidd, Kingdom of Bahrain
Tel. 973 17250333 Fax: 973 17243562

E-mail:

admin@bkgh-qel.com , bkgh@batelco.com.bh

www.qelonweb.com





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Sl. No.	DESCRIPTION		
1.	INTRODUCTION		
2.	CONTACT AND LOCATION		
3.	CERTIFICATES & APPROVALS	Government Approvals	<ul style="list-style-type: none">Commercial Registration -Bahrain CR-No.76096CRPEP – LICENCE NO. GC/21-FMINISTRY OF HOUSING – BAHRAINMINISTRY OF WORKS-BAHRAINEWA (Electricity and Water Authority –Kingdom of Bahrain)
		Quality Certificate	<ul style="list-style-type: none">ISO/IEC-17025-2005<ul style="list-style-type: none">Bahrain –IAS-TL-454
		Clients Approvals	<ul style="list-style-type: none">ALBA registration as an approved vendor –(Code-7353)Bahrain National Gas Company (B.S.C.)-BANAGASUS ARMY CORPS OF ENGINEERSBAPCOAEOB-Association of Engineering Office Bahrain
4.	MANAGEMENT AND KEY PERSONAL		
5.	ORGANIZATION CHART		
6.	SERVICE (MAIN FIELD OF ACTIVITIES) <ul style="list-style-type: none">GEOTECHNICALMATERIAL TESTINGBATHYMETRIC SURVEYPROBE DRILLING		
7.	EQUIPMENT LIST		
8.	MAJOR COMPLETED /ON-GOING PROJECT		
9.	QUALITY POLICY		
10.	SAFETY POLICY		



PRE-QUALIFICATION DOC.

Introduction

INTRODUCTION

QEL-Bahrain is registered with **CRPEP** in Bahrain to practice Geotechnical and Material testing under License No. GC/21, class F and is approved by **MINISTRY OF WORKS, MATERIAL ENGINEERING DEPARTMENT (MED)**. The aim is to offer our expertise combined with our experience by providing Independent Technical services to the construction and other industries related to quality, performance and other aspects of Materials in a professional manner. Our field of activities includes (1) Operating a Building Material Testing Laboratory (2) Soil Testing (3) Structural and Building testing (4) Welding and X-ray Testing (5) Water Testing (6) Chemical Analysis (7) Calibration and Metrology (8) Geotechnical and Offshore Investigation.

We are operating an accredited Management system to ISO 9001 audited and certified by Bureau Veritas, Certificate no. **IND 17.4595 U/Q** and and is accredited to **ANS/ISO/IEC 17025-2005** General Criteria for the competence of testing and calibration laboratories by International Accreditation Services U.S.A, Certificate no. **TL- 454**.

QEL-BAHRAIN BRANCH



PRE-QUALIFICATION DOC.

Contact and Location



CONTACT LIST

HEAD OFFICE ZINJ-KINGDOM OF -BAHRAIN

Contact Person

BKG HOLDING WLL
P.O. Box 75831,
Juffair, Bahrain

☎ : + 973 17250333

📠 : + 973 17243562

E-Mail : bkgh@batelco.com.bh , admin@bkgh-qel.com

(i) Babu Rajan K G, Mob: +973 39657006

(ii) Sreekala Prabhashankar Tel : +973 17250333

MAIN LAB HIDD-KINGDOM OF -BAHRAIN

Contact Person

QEL-BAHRAIN BRANCH
P.O. Box 50191, Hidd
Kingdom of Bahrain

☎ : + 973 69990033

📠 : + 973 69990034

E-Mail : bkgh@batelco.com.bh

(i) V. Sivanantham Mob : + 973-38499491

(ii) Asad Ullah Khan Mob : + 973-38418843

www.qelonweb.com

From Muharraq

Prince Khalifah Bin Salman Causeway

From Mina Salman/Juffair

Dry Dock Highway

Dry Dock Highway

Dry Dock Highway

Dry Dock Hwy

Hidd Prison

Hidd Power Company

Star Cement

National Guard

Ahmed Mansoor Readymix Plant

Al Ezzel Power Plant

Awal Gulf Manufacturing

Majaal Warehouse

AFAQ Institute of Aviation Technology

BIW Office

Universal Rolling

Arabian Neon

Bahrain Prism Glass Factory WLL

Nass Asphalt

Delmon Ready-Mix

Bahrain Business Incubator Centre

Labour Accommodation

LABORATORY LOCATION
FLAT-9, BUILDING 2189, ROAD 1529
BLOCK 115, HIDD, KINGDOM OF BAHRAIN





PRE-QUALIFICATION DOC.

Certificates and Approvals



شهادة قيد السجل التجاري
Commercial Registration Certificate

The Registration Directorate at the Ministry of Industry, Commerce and Tourism certifies that the merchant's below details have been registered in accordance with Decree law No. (27) for the year 2015 of the Commercial Registration.

تشهد إدارة التسجيل بوزارة الصناعة والتجارة والسياسة بأنه قد تم قيد التاجر المسجلة بياناته أدناه وذلك وفقاً للمرسوم بقانون رقم (27) لسنة 2015 بشأن السجل التجاري.

Due Date	08/09/2022	تاريخ الاستحقاق	Registration Date	08/09/2010	تاريخ القيد	Registration No.	76096 - 1	رقم القيد
Group Name	QATAR ENGINEERING LABORATORIES - FOREIGN BRANCH				قطر للمختبرات الهندسية - فرع لشركة اجنبية			اسم المجموعة
Commercial Name	QATAR ENGINEERING LABORATORIES - FOREIGN BRANCH				قطر للمختبرات الهندسية - فرع لشركة اجنبية			الاسم التجاري
Registration Type	Branch of a Foreign Company				فرع لشركة أجنبية			نوع القيد
CR Status	ACTIVE				نشطة			حالة القيد
Commercial Address	P.O.BOX	Area المنطقة	Block مجمع	Road طريق	Building مبنى	شقة/محل Flat/Shop No.		العنوان التجاري
		HIDD / الحد	115	1529	2189	9		

Activities	الأنشطة
Sale/Trade in other machinery and equipment and parts	تجارة/بيع الآلات والمعدات الاخرى
Other Testing and analysis activities	انشطة الاختبارات والتحليل التقني أخرى
Architectural and engineering activities and related technical consultancy - Category (F) – Engineering Laboratories and testing activities	الأنشطة المعمارية الهندسية والخدمات الاستشارية الفنية المتصلة بها - فئة (و) – مختبرات هندسية وأنشطة الفحص

* This CR does not permit its holder to practice investment activities on behalf of others.

* هذا القيد لا يجيز لصاحبه بمزاولة نشاط استثمار أموال الغير.



إدارة التسجيل
Registration Directorate

Q.F. 409 Issue 0

Issued Date: 17/05/2021

Page 1 of 1

Business Activity Information

Business Activity

ISIC4 Code	711
Business Activity Name	Architectural and engineering activities and related technical consultancy
Description	<p>This activity includes the provision of architectural services, engineering services, drafting services, building inspection services and surveying and mapping services and the like.</p> <p>This activity includes:</p> <ul style="list-style-type: none">- Architectural consulting activities:<ul style="list-style-type: none">• Building design and drafting• Town and city planning and landscape architecture- Engineering design (i.e. applying physical laws and principles of engineering in the design of machines, materials, instruments, structures, processes and systems) and consulting activities for:<ul style="list-style-type: none">• Machinery, industrial processes and industrial plant• Projects involving civil engineering, hydraulic engineering, traffic engineering• Water management projects• Projects elaboration and realization relative to electrical and electronic engineering, mining engineering, chemical engineering, mechanical, industrial and systems engineering, safety engineering• Project management activities related to construction- Elaboration of projects using air conditioning, refrigeration, sanitary and pollution control engineering, acoustical engineering etc.- Geophysical, geologic and seismic surveying- Geodetic surveying activities:<ul style="list-style-type: none">• Land and boundary surveying activities• Hydrologic surveying activities• Subsurface surveying activities• Cartographic and spatial information activities <p>This class excludes:</p> <ul style="list-style-type: none">- Test drilling in connection with mining operations- Development or publishing of associated software- Activities of computer consultants- Technical testing- Research and development activities related to engineering- Industrial design- Interior decorating- Aerial photography
Activity Status	Not Restricted

Business Fee

Ministry / Directorate	License Fee
Committee For Organizing Engineering Professional Practice	50
Municipality Affairs	10

Business Activity Information

Business Activity

ISIC4 Code	71209
Business Activity Name	Other Testing and analysis activities
Description	<p>This activity includes: Statistical data analysis services using SPSS software or any other similar software. This service includes sorting, coding, entering of raw data into the computer, conducting statistical analysis and presenting results. Specialized offices which inspect goods and products to determine their validity. Includes establishments specialized in providing services related to determining the validity period of products. Includes firms which undertake underwater examinations of pipelines, concrete or other scientific or practical applications. The activity of any such firm must be limited, and not take part in other major operations in the fields of offshore oil fields or marine contracting work.</p>
Activity Status	Not Restricted

Business Fee

Ministry / Directorate	License Fee
Municipality Affairs	10

Business Requirements

Conditions
<p>Age : 18 and above Temporary Address : Allowed American Nationals ownership : Allowed up to 100% Foreign ownership : Allowed up to 100% Bahraini Ownership : Allowed up to 100% GCC Nationals Ownership : Allowed up to 100% Allowed for Individual Commercial Registration (ICR) : Yes Allowed for Company Commercial Registration (CCR) : Yes</p>

Required Step of Licenses and Approvals

Ministry / Directorate	License / Approval Requirements	Approval Type
Municipality Affairs	Municipality Site Approval	Post



LICENSE

for ENGINEERING OFFICE

By virtue of Law No. (51) of 2014 with respect to regulating the practice of engineering professions and in accordance with the current regulations in the Kingdom of Bahrain and after validating and verifying all of the requirements, the Council for Regulating the Practice of Engineering Professions resolved to grant this License with the following details:

License No. GC/21
License Category F
Commercial Name Qatar Engineering Laboratories - Foreign Branch
CR No. 76096-1
Discipline(s) Engineering Laboratory and Material Testing

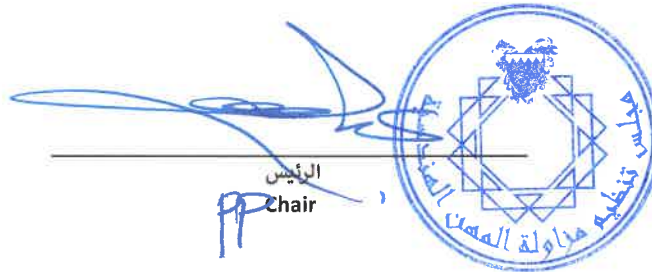
ترخيص

لمكتب هندسي

استناداً إلى أحكام القانون رقم (51) لسنة 2014 في شأن تنظيم مزاولة المهن الهندسية وبناءً على الأنظمة المعمول بها في مملكة البحرين وبعد التحقق من استيفاء جميع الاشتراطات الواجب توافرها، قرر مجلس تنظيم مزاولة المهن الهندسية منح هذا الترخيص حسب التفاصيل التالية:

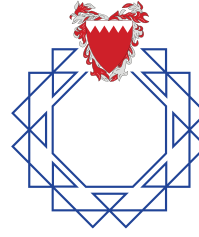
رخصة رقم GC/21
فئة الترخيص و
الاسم التجاري قطر للمختبرات الهندسية - فرع لشركة اجنبية
رقم السجل التجاري 76096-1
الشعب مختبر هندسي وفحوصات المواد

License is Valid till (31 December 2021)



الترخيص صالح لغاية (31 ديسمبر 2021)

مجلس تنظيم مزاولة المهن الهندسية
The Council for Regulating the
Practice of Engineering Professions



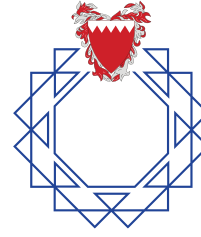
LICENSE
for ENGINEER

By virtue of Law No. (51) of 2014 with respect to regulating the practice of engineering professions and in accordance with the current regulations in the Kingdom of Bahrain and after validating and verifying all of the requirements, the Council for Regulating the Practice of Engineering Professions resolved to grant this License with the following details:

License No.	EPP/GC/21/CE/02-A	License Category	A
CPR No.	440108284		
Engineer	Andreas Kyriaco		
Nationality	Cypriot	Discipline	Civil Engineer
Entity	Qatar Engineering Laboratories - Foreign Branch		
Type of Entity	Engineering Office	Entity No.	GC/21
License valid from	01 Jan 2021	to	31 Dec 2021

Chair

مجلس تنظيم مزاولة المهن الهندسية
The Council for Regulating the
Practice of Engineering Professions



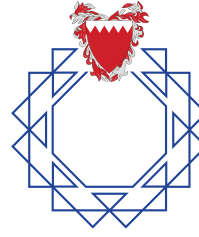
LICENSE
for ENGINEER

By virtue of Law No. (51) of 2014 with respect to regulating the practice of engineering professions and in accordance with the current regulations in the Kingdom of Bahrain and after validating and verifying all of the requirements, the Council for Regulating the Practice of Engineering Professions resolved to grant this License with the following details:

License No.	EPP/GC/21/CE/01-A	License Category	A
CPR No.	541102508		
Engineer	Kalluparambil Gopalan Baburajan Vava		
Nationality	Indian	Discipline	Civil Engineer
Entity	Qatar Engineering Laboratories - Foreign Branch		
Type of Entity	Engineering Office	Entity No.	GC/21
License valid from	01 Jan 2021	to	31 Dec 2021

Chair

مجلس تنظيم مزاولة المهن الهندسية
The Council for Regulating the
Practice of Engineering Professions



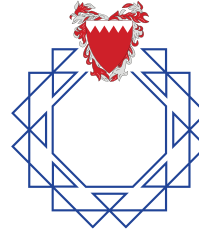
LICENSE
for ENGINEER

By virtue of Law No. (51) of 2014 with respect to regulating the practice of engineering professions and in accordance with the current regulations in the Kingdom of Bahrain and after validating and verifying all of the requirements, the Council for Regulating the Practice of Engineering Professions resolved to grant this License with the following details:

License No.	EPP/GC/21/CE/04-A	License Category	A
CPR No.	541115405		
Engineer	Benny Anakuzhikkathadathil Varughese		
Nationality	Indian	Discipline	Civil Engineer
Entity	Qatar Engineering Laboratories - Foreign Branch		
Type of Entity	Engineering Office	Entity No.	GC/21
License valid from	01 Jan 2021	to	31 Dec 2021

Chair

مجلس تنظيم مزاولة المهن الهندسية
The Council for Regulating the
Practice of Engineering Professions



LICENSE
for ENGINEER

By virtue of Law No. (51) of 2014 with respect to regulating the practice of engineering professions and in accordance with the current regulations in the Kingdom of Bahrain and after validating and verifying all of the requirements, the Council for Regulating the Practice of Engineering Professions resolved to grant this License with the following details:

License No.	EPP/GC/21/GEOENG/01-B	License Category	B
CPR No.	840291256		
Engineer	Condrad Ursabia Damalerio		
Nationality	Filipino	Discipline	Geodetic Engineer (Land Surveyor)
Entity	Qatar Engineering Laboratories - Foreign Branch		
Type of Entity	Engineering Office	Entity No.	GC/21
License valid from	01 Jan 2021	to	31 Dec 2021

Chair



مذكرة
MEMORANDUM

Ref.: MED/C&RS/L-86/2021
Date: 25th February 2021

To : Directors
SEPPD, SEOMD, RPDD,
RPMD, BMD, CPD, SPD

From : A/ Director
Materials Engineering Directorate

Technical Compliance Report (TCR)

We wish to advise that *Qatar Engineering Laboratories (Bahrain)* had requested us to assess their *Material Testing Laboratory - Testing Services* for consideration in MoW projects.

Following MED standard procedure for technically assessing services, please find attached for your information Technical Compliance Report **(TCR 4089/2021)** for the aforementioned service.

This addition/renewal will be uploaded on our LIST OF APPROVED INDEPENDENT MATERIALS TESTING LABORATORIES which is available and updated monthly in our Ministry's Portal.

For any further clarification, please do not hesitate to contact the undersigned or the Chief of Consultancy and Research Section at 17 81 24 50.

Regards,

Raed Ahmad Mahmood Ibrahim

cc: Section Chief CRS / MAS File 4919 - EMMCG



المنامة على جائزة القائمة العالمية
للمتميزين في تنفيذ الإستراتيجية





Consultancy & Research Section

Technical Compliance Report (TCR) 4089/2021 (For Ministry of Works projects)

Material Detail:	Material Testing Laboratory - Testing Services
Manufacturer:	Qatar Engineering Laboratories (BAHRAIN)
Applicant:	Qatar Engineering Laboratories-Foreign Branch P.O. Box 75831 Flat 9, Bldg 2189, Road 1529, Block 115 Hidd, Kingdom of Bahrain

Following MED standard procedures for assessment and technical evaluations of the above Provider, as to compliance ISO/IEC 17025 Standards and Ministry of Works requirements, we advise as per the following details:

i. Compliance with Relevant Standards & Specifications

✓	Acceptable
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ii. Adequacy for use in Ministry of Works projects

✓	Adequate. The Provider is suitable for use in Ministry of Works' projects.
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iii. Comments

- The approved test methods as per the scope of accredited tests mentioned in the **ISO/IEC 17025: 2017 Accreditation Certificate** – Qatar Engineering Laboratories – Foreign Branch (Bahrain) TL-454 issued by International Accreditation Services (IAS) commencing October 23, 2020, in areas for:
 - Cement, Concrete, Masonry and Aggregates (BS, BS EN, ASTM and IWPT)
 - Soil (ASTM, BS and IWPT)
 - Chemistry – Cement, Concrete, Masonry, Aggregates and Soil (BS, BS EN and ASTM)
 - Environmental Chemistry - Water and Wastewater (HACH SMEWW and IWPT)
 - Physical Testing – Steel Products, Manhole Cover, Glass Reinforced Pipes, Paint and Wood (BS EN, BS EN ISO, ASTM and IWPT)
 - Non-Destructive Test – Pile Integrity Test (ASTM)
 - Bitumen / Asphalt Mixtures (ASTM)
 - Zinc or Zinc Alloy Coatings (ASTM)

Note:

This Report is valid for maximum of 1 year(s) from the date of this Report **unless otherwise stated** or there is a change / revision in the material technical specifications, manufacturing process or relevant Standards & Specifications requirements.

Signed & stamped by,

Date: February 25, 2021

MAS File 4919 / EMMCG

A/Director, Materials Engineering Directorate



الحائزة على جائزة القائمة العالمية
للمتميزين في تنفيذ الإستراتيجية
2009



Kingdom of Bahrain
Ministry of Housing

Housing Projects Construction & Maintenance Directorate



مملكة البحرين
وزارة الإسكان
إدارة إنشاء وصيانة والمشاريع الإسكانية

HPCMD/QM/L-03/2012
28th March 2012

To,

Qatar Engineering Laboratories
(Bahrain Branch)
P.O.Box-50191, Hidd
Kingdom of Bahrain

Fax- 17243562

Attn: Mr. Baburajan K.G
Managing Director

Dear Sir,

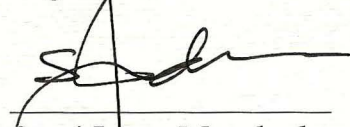
Sub: Request to Approval of QEL, Bahrain Branch for Independent Materials Testing Laboratories

Ref : Your Letter QEL/BH/BKG/LT/252/2012 dated 5th March 2012

With reference to the above subject the Laboratory set up was inspected by our Quality Management Senior Engineers and found in order. Your Bahrain Branch is therefore approved for carrying out Independent Material Testing and Geotechnical Services for Ministry of Housing's various projects. Please note that the approval is limited for Kingdom of Bahrain only.

Thank You,

Regards,


Sami Juma Mandeel
Director- Housing Projects Construction & Maintenance Directorate

CC: CMS/QM/QS/EMS



EWA
هيئة الكهرباء والماء
Electricity & Water Authority
Kingdom of Bahrain

إدارة التخطيط والدراسات
Planning & Studies Directorate

3100/4.836/172/2014
3rd March 2014

QEL-Bahrain Branch
P O Box 50191
Hidd
Kingdom of Bahrain.

Fax No: 17-243562

Attn: Mr. Baburajan KG, Managing Director

Dear Sir,

**RE: Request for Approval of QEL- Bahrain Branch for Material
Testing & Geotechnical Services**

We refer to your letter Ref. No. QEL/BH/BKG/LT/491/2014 dated 19th February 2014 requesting inclusion of QEL in EWA's approved list of Laboratories for carrying out Geotechnical Investigations.

In this regard, we acknowledge that QEL have carried out Geotechnical Site Investigation works as well as Material Testing works for Water Transmission contracts satisfactorily. They are thus approved for carrying out similar works on EWA Projects.

Thank you.

Yours faithfully,

Abdul Hussain Ebrahim
Acting Director, Planning & Studies



INTERNATIONAL
ACCREDITATION
SERVICE®

CERTIFICATE OF ACCREDITATION

This is to attest that

QATAR ENGINEERING LABORATORIES WLL

P.O. BOX 40278
DOHA, STATE OF QATAR

Testing Laboratory TL-424

has met the requirements of AC89, *IAS Accreditation Criteria for Testing Laboratories*, and has demonstrated compliance with ISO/IEC Standard 17025:2017, *General requirements for the competence of testing and calibration laboratories*. This organization is accredited to provide the services specified in the scope of accreditation.

Effective Date August 3, 2021



A handwritten signature in black ink, reading "Raj Nathan".

President

SCOPE OF ACCREDITATION

International Accreditation Service, Inc.

3060 Saturn Street, Suite 100, Brea, California 92821, U.S.A. | www.iasonline.org

QATAR ENGINEERING LABORATORIES (QEL)- FOREIGN BRANCH

www.qelonweb.com

Contact Name Sreekala Prabasandar

Contact Phone +973-1725-0333

Accredited to ISO/IEC 17025:2017

Effective Date October 23, 2020

Chemical	
ASTM C40/C40M	Standard test method for organic impurities in fine aggregates for concrete
ASTM C114	Standard test method for chemical analysis of hydraulic cement
ASTM C1152/C1152M	Standard test method for acid-soluble chloride in mortar and concrete
ASTM C1218/C1218M	Standard test method for water-soluble chloride in mortar and concrete
ASTM G57-06(2012)	Standard test method for field measurement of soil resistivity using the Wenner four-electrode method
BS 812-117	Testing aggregates - method for determination of water soluble chloride salts (appendix C only)
BS 812-118	Testing aggregates - methods for determination of sulphate content (test 8 only)
BS 1377-3	Methods of test for soils civil engineering purposes-chemical and electro-chemical tests
BS 1881-124	Testing concrete- methods for analysis of hardened concrete (tests 10.2 and 10.3)
BS EN 196-2	Method of testing cement- chemical analysis of cement
BS EN 1744-1	Tests for chemical properties of aggregates – chemical analysis
BS EN 14630	Determination of carbonation depth in hardened concrete
HACH 8039	Nitrate (cadmium reduction method)
HACH 8131	Sulfide (USEPA methylene blue method)
HACH 8153	Nitrite (ferrous sulfate method)
HACH 8167	Total Chlorine (USEPA DPD method)
HACH 8185	Silica, high range (0 to 75.0 mg/L) (silicomolybdate method)
HACH 8507	Nitrite (USEPA diazotization method)
IWPT-97	Based on BS EN 1008

SCOPE OF ACCREDITATION

International Accreditation Service, Inc.

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SMEWW 2320	Alkalinity (method B)
SMEWW 2340	Hardness (method C)
SMEWW 2510	Conductivity (method B)
SMEWW 2540	Solids (methods B, C and D)
SMEWW 3500-Ca	Calcium (method B)
SMEWW 3500-Fe	Iron (method B)
SMEWW 3500-Mg	Magnesium (method B)
SMEWW 4500-Cl	Chlorine (residual) (method B and G)
SMEWW 4500-H+	pH value (method B)
SMEWW 4500-NH3	Nitrogen (ammonia) (method B and C)
SMEWW 4500-P	Phosphorus (method E)
SMEWW 4500-S2	Sulfide (method D)
SMEWW 4500-SO42	Sulfate (method E)
SMEWW 5210	Biochemical oxygen demand (BOD) (method B)
SMEWW 5220	Chemical oxygen demand (COD) (method D)
CMT	
ASTM A370-17a	Standard Test Methods and Definitions of Mechanical Testing of Steel Products (Tension, Clauses 6 to 14 and Bend Clause 15)
ASTM C39/C39M	Standard test method for compressive strength of cylindrical concrete specimens
ASTM C78/C78M	Standard test method for flexural strength of concrete (using simple beam with third-point loading)
ASTM C88	Standard test method for soundness of aggregates by use of sodium sulfate or magnesium sulfate
ASTM C109/C109M-16	Standard Test Method for Compressive Strength of Hydraulic Cement Mortars (Using 2-in. or [50-mm] Cube Specimens)
ASTM C127	Standard test method for relative density (specific gravity) and absorption of coarse aggregate
ASTM C128	Standard test method for relative density (specific gravity) and absorption of fine aggregate
ASTM C131/C131M	Standard test method for resistance to degradation of small-size coarse aggregate by abrasion and impact in the Los Angeles machine

SCOPE OF ACCREDITATION

International Accreditation Service, Inc.

3060 Saturn Street, Suite 100, Brea, California 92821, U.S.A. | www.iasonline.org

ASTM C136/C136M	Standard test method for sieve analysis of fine and coarse aggregates
ASTM C138/C138M	Standard test method for density (unit weight), yield, and air content (gravimetric) of concrete
ASTM C140/C140M	Standard test methods for sampling and testing concrete masonry units and related units
ASTM C142/C142M	Standard test method for clay lumps and friable particles in aggregates
ASTM C143/C143M	Standard test method for slump of hydraulic-cement concrete
ASTM C172/C172M	Standard practice for sampling freshly mixed concrete
ASTM C191-18	Standard Test Method for Time of Setting of Hydraulic Cement by Vicat Needle (Method A)
ASTM C204-18	Standard Test Methods for Fineness of Hydraulic cement by Air Permeability Apparatus
ASTM C231/C231M	Standard test method for air content of freshly mixed concrete by the pressure method
ASTM C232/C232M	Standard test method for bleeding of concrete
ASTM C293/C293M	Standard test method for flexural strength of concrete (using simple beam with center-point loading)
ASTM C403/C403M	Standard test method for time of setting of concrete mixtures by penetration resistance
ASTM C469/C469M-14	Standard test method for static modulus of elasticity and Poisson's ratio of concrete in compression
ASTM C494/C494M-17	Standard specification for chemical admixtures for concrete (clause 18.3)
ASTM C496/C496M	Standard test method for splitting tensile strength of cylindrical concrete specimens
ASTM C535	Standard test method for resistance to degradation of large-size coarse aggregate by abrasion and impact in the Los Angeles machine
ASTM C642	Standard test method for density, absorption, and voids in hardened concrete
ASTM C876	Standard test method for corrosion potentials of uncoated reinforcing steel in concrete
ASTM C1064/C1064M	Standard test method for temperature of freshly mixed hydraulic cement concrete
ASTM C1202	Standard test method for electrical indication of concrete's ability to resist chloride ion penetration
ASTM D1557	Standard test methods for laboratory compaction characteristics of soil using modified effort (56,000 ft-lbf/ ft ³ (2,700 kN-m/m ³))

SCOPE OF ACCREDITATION

International Accreditation Service, Inc.

3060 Saturn Street, Suite 100, Brea, California 92821, U.S.A. | www.iasonline.org

ASTM D5334-14	Standard test method for determination of thermal conductivity of soil and soft rock by thermal needle probe procedure
ASTM D5731	Standard test method for determination of the point load strength index of rock and application to rock strength classifications
ASTM D6938	Standard test methods for in-place density and water content of soil and soil-aggregate by nuclear methods (shallow depth)
ASTM D7012	Standard test methods for compressive strength and elastic moduli of intact rock core specimens under varying states of stress and temperatures
BS 812-2	Testing aggregates- methods for determination of density
BS 812-103	Testing aggregates- method for determination of particle size distribution
BS 812-105.1	Testing aggregates- methods for determination of particle shape- flakiness index
BS 812-105.2	Testing aggregates – methods for determination of particle shape- elongation index of coarse aggregate
BS 812-106	Testing aggregate – method for determination of shell content in coarse aggregate
BS 812-109	Testing aggregates – methods for determination of moisture content
BS 812-110	Testing aggregates- methods for determination of aggregate crushing value (ACV)
BS 812-111	Testing aggregates- methods for determination of ten per cent fines value (TFV)
BS 812-112	Testing aggregates- method for determination of aggregate impact value (AIV)
BS 812-121	Testing aggregates – method for determination of soundness
BS 1377-2	Methods of test for soils for civil engineering purposes – classification tests (clauses 3.2, 4.3, 5.3, 6.5, 8.2, 9.2, 9.3 and 9.5 only)
BS 1377-4	Methods of test for soils for civil engineering purposes- compaction-related tests (clauses 3.3, 3.4, 3.5, 3.6 and 7 only)
BS 1377-9	Methods for test for soils for civil engineering purposes - in-situ tests (clauses 2.1, 2.2, 2.5, 4.1 and 5.1 only)
BS 1881-102	Testing concrete- method for determination of slump
BS 1881-108	Testing concrete - method for making test cubes from fresh concrete
BS 1881-116	Testing concrete - method for determination of compressive strength of concrete cubes
BS 1881-120	Testing concrete - method for determination of the compressive strength of concrete cores
BS 1881-122	Testing concrete- method for determination of water absorption

SCOPE OF ACCREDITATION

International Accreditation Service, Inc.

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BS 1881-201	Testing concrete - guide to use of non – destructive methods of test for hardened concrete
BS 1881-202	Testing concrete- recommendations for surface hardness testing by rebound hammer
BS 1881-204	Testing concrete- recommendations on the use of electromagnetic cover meters
BS 1881-208	Testing concrete- recommendations for the determination of the initial surface absorption of concrete
BS 6073-2	Precast concrete masonry units- guide for specifying precast concrete masonry units
BS 6717-1	Precast concrete paving blocks - specification for paving blocks
BS 7976-2:2002+A1:2013	Pendulum test value – method of operation
BS EN 196-1:2016	Methods of testing cement. Determination of strength
BS EN 196-3:2016	Methods of testing cement. Determination of setting time and soundness
BS EN 196-6:2010	Methods of testing cement. Determination of fineness
BS EN 446	Grout for prestressing tendons- grouting procedures
BS EN 772-1	Methods of test for masonry units – determination of compressive strength
BS EN 772-11	Methods of test for masonry units- determination of water absorption of aggregate concrete, autoclaved aerated concrete, manufactured stone and natural stone masonry units due to capillary action and the initial rate of water absorption of clay masonry units
BS EN 933-1	Tests for geometrical properties of aggregates- determination of particle size distribution- sieving method
BS EN 933-7	Tests for geometrical properties of aggregates – determination of shell content- percentage of shells in coarse aggregates
BS EN 1097-6	Tests for mechanical and physical properties of aggregates- determination of particle density and water absorption
BS EN 1097-8:2009	Tests for mechanical and physical properties of aggregates - determination of the polished stone value
BS EN 1338	Concrete paving blocks – requirements and test methods
BS EN 1339	Concrete paving flags – requirements and test methods
BS EN 1340	Concrete Kerb units – requirements and test methods
BS EN 1367-4:2008	Tests for thermal and weathering properties of aggregates - determination of drying shrinkage
BS EN 1926	Natural stone test methods – determination of uniaxial compressive strength

SCOPE OF ACCREDITATION

International Accreditation Service, Inc.

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BS EN 12350-2	Testing fresh concrete- slump-test
BS EN 12350-6	Testing fresh concrete- density
BS EN 12390-2	Testing hardened concrete- making and curing specimens for strength tests
BS EN 12390-3	Testing hardened concrete- compressive strength of test specimens
BS EN 12390-5	Testing hardened concrete- flexural strength of test specimens
BS EN 12390-6	Testing hardened concrete- tensile splitting strength of test specimens
BS EN 12390-7	Testing hardened concrete- density of hardened concrete
BS EN 12504	Testing concrete in structures- cored specimens- taking, examining and testing in compression
BS EN ISO 15630-1:2010	Steel for the reinforcement and prestressing of concrete. Test methods. Reinforcing bars, wire rod and wire
IWPT-109	Temperature monitoring in concrete aggregates/rock
IWPT-184	Determination of settlement characteristics of soil for lightly loaded foundation by the shallow pad maintained load test (zone load test) based on BS 1377-9:1990 clause 4.2
Physical	
ASTM A90/A90M-13(2018)	Standard test method for weight [mass] of coating on iron and steel articles with zinc or zinc-alloy coatings
ASTM D1143/1143M-07(2013)e1	Test method for deep foundations under axial compressive load
ASTM D2172/D2172M	Standard test methods for quantitative extraction of bitumen from bituminous paving mixtures
ASTM D2584	Standard test method for ignition loss of cured reinforced resins
ASTM D2726/D2726M	Standard test method for bulk specific gravity and density of non-absorptive compacted bituminous mixtures
ASTM D3549/D3549M	Standard test method for thickness or height of compacted bituminous paving mixtures specimens
ASTM D4138	Standard practices for measurement of dry film thickness of protective coating systems by destructive, cross-sectioning means
ASTM D5882	Standard test method for low strain impact integrity testing of deep foundations
ASTM D6760-14	Standard test method for integrity testing of concrete deep foundations by ultrasonic crosshole testing
ASTM D6926	Standard practice for preparation of bituminous specimens using Marshall apparatus

SCOPE OF ACCREDITATION

International Accreditation Service, Inc.

3060 Saturn Street, Suite 100, Brea, California 92821, U.S.A. | www.iasonline.org

ASTM D6927	Standard test method for Marshall stability and flow of asphalt mixtures
ASTM D7234	Standard test method for pull-off adhesion strength of coatings on concrete using portable pull-off adhesion testers
BS EN 124	CE marking for gully and manhole tops
BS EN 6566-5	Plywood - specification for moisture content
BS EN 12504-4:2004	Testing concrete - determination of ultrasonic pulse velocity in concrete
IWPT-91	Density and moisture content of wood based on BS 4978 and 6566-5
IWPT-183	NACE recommended practice for testing of protective coatings based on ASTM standards D5162 and G62-14

HACH- Hach Company

IWPT- In-house Work Procedure for Testing

SMEWW- Standard Methods for the Examination of Water and Wastewater

BUREAU VERITAS
Certification



QATAR ENGINEERING LABORATORIES - FOREIGN BRANCH

**SHED 9, BUILDING 2189, ROAD 1529, BLOCK 115, HIDD
P.O.BOX # 50191, KINGDOM OF BAHRAIN**

Bureau Veritas Certification Holding SAS – UK Branch certifies that the Management System of the above organisation has been audited and found to be in accordance with the requirements of the management system standards detailed below

ISO 9001:2015

Scope of certification

**PHYSICAL, CHEMICAL, MECHANICAL AND NON-DESTRUCTIVE TESTING FOR
CONSTRUCTION MATERIALS, GEOTECHNICAL SERVICES AND SURVEY**

Original cycle start date:	21-NOVEMBER-2017
Expiry date of previous cycle:	N/A
Recertification Audit date:	N/A
Recertification cycle start date:	20-OCTOBER-2020

Subject to the continued satisfactory operation of the organization's Management System, this certificate expires on: **20-NOVEMBER-2023**

Certificate No. MER20.871/UQ

Version : 01

Revision date: 20-OCTOBER-2020

Certification body address: **5th Floor, 66 Prescot Street, London E1 8HG, United Kingdom**

Local office: **Bureau Veritas Bahrain Flat No. 11, Building No. 574, Road 1111,
Tubli, 711, Kingdom of Bahrain.**

Original cycle start date by previous certification body: **N/A**

Further clarifications regarding the scope of this certificate and the applicability of the management system requirements may be obtained by consulting the organisation. To check this certificate validity please call: **+973-17877574**



0008

Bahrain National Gas Company (B.S.C)



شركة غاز البحرين الوطنية (ش.م.ب.)

FACSIMILE TRANSMITTAL

To : Mr. Babu Rajan K. G. Managing Director	From : Mr. A. Wahab Abdulla Superintendent - ESS
CO : Qatar Engineering Laboratories	
Fax No. : 17-243562	Fax No. : 17756991
Your Ref. : QEL-BH-BKG-LT-1220-2018	Our Ref. : ETS 07-04-01/18/ 334
Cc :	E-Mail :
Date : 26-03-2018 Number of pages including this page : 1	Signature :
REMARKS : <input type="checkbox"/> Urgent <input type="checkbox"/> For your review <input type="checkbox"/> Reply ASAP <input type="checkbox"/> Please comment	

Subject: Contractor Pre-Qualification Registration/Renewal

We would like to take this opportunity to inform you that you are registered on our list of approved contractors for the term of 2018-2020 under the following categories:

- Trade: Services – Levels 1, 2, 3 & 4 (All works related to laboratory testing).

LEGEND

LEVEL – 1, JOBS VALUED UP TO BD.2,000/-
 LEVEL – 2, JOBS VALUED MORE THAN BD.2,000/- UP TO BD.4,000/-
 LEVEL – 3, JOBS VALUED MORE THAN BD.4,000/- UP TO BD.10,000/-
 LEVEL – 4, JOBS VALUED MORE THAN BD.10,000/-

Regards,



FM29965

www.banagas.com.bh : موقع الإنترنت : 9633 - ص ب : 29099 - مملكة البحرين - هاتف : 17756222 - فاكس : 17756991 - ص ب : 9633, Cable : BANAGAS, Web Site : www.banagas.com.bh
 P.O. Box 29099, Kingdom of Bahrain, Tel : 17756222, Fax : 17756991, C.R : 9633, Cable : BANAGAS, Web Site : www.banagas.com.bh

F-ADM036-2



DEPARTMENT OF THE ARMY
CORPS OF ENGINEERS, TRANSATLANTIC MIDDLE EAST DISTRICT
201 PRINCE FREDERICK DRIVE
WINCHESTER, VIRGINIA 22602-4373

8 January 2021

Qatar Engineering Laboratories
Flat 9, Building 2189
Road 115
Hidd, Kingdom of Bahrain

SUBJECT: Qatar Engineering Laboratories at Hidd, Kingdom of Bahrain - Laboratory Validation
VALIDATION EXPIRES 14 January 2022

This letter confirms the extension of our validation for the Qatar Engineering Laboratories materials testing laboratory located at Hidd, Kingdom of Bahrain.

This laboratory is approved to perform the materials tests listed on Tables 1-5 of your initial validation letter for Middle East District (MED), U.S. Army Corps of Engineers (USACE) projects. This validation is based on the laboratory inspection performed by MED 29-30 November 2016.

This validation will be included with records that are maintained at the MED Headquarters in Winchester, Virginia. This validation is valid until **14 January 2022**. To maintain certification past this date, the laboratory must be re-inspected by MED.

This validation applies only to the location(s) listed above and is contingent upon the laboratory's continued adherence to applicable testing and quality control standards and equipment calibrations. MED may revoke this certification or require re-inspection at any time.

The inspection and validation process for the laboratory adhered to procedures outlined by the Materials Testing Center (MTC), which is located at the Geotechnical and Structures Laboratory (GSL), U.S. Army Engineer Research and Development Center (ERDC) in Vicksburg, Mississippi, USA. To facilitate construction in Gulf Region countries, MED conducts laboratory validations in accordance with MTC protocol.

Questions about this certification or requests for renewal should be sent to DLL-CETAM-CONSTRUCTION-LAB@USACE.ARMY.MIL.

Edward O. Upson, P.E., PMP
Middle East District
U.S. Army Corps of Engineers

TABLE 1 - AGGREGATE

Test Method	Test Procedure	No.	Approved
	REQUIRED TESTS PER ASTM C 1077-14		
ASTM C 117-13	Material Finer than 75 :m (No. 200) Sieve	A1	X
ASTM C 127-12	Specific Gravity & Absorption in Coarse Aggregate	A2	X
ASTM C 128-12	Specific Gravity & Absorption in Fine Aggregate	A3	
ASTM C 136-06	Sieve Analysis of Aggregates	A4	X
	OPTIONAL TESTS PER ASTM C1077-14		
ASTM C 29-09	Unit Weight and Voids in Aggregate	A5	X
ASTM C 40-11	Organic Impurities	A6	X
ASTM C 70-13	Surface Moisture in Fine Aggregate	A7	
ASTM C 87-10	Effects of Organic Impurities on Mortar Strength	A8	
ASTM C 88-13	Sulfate Soundness	A9	
ASTM C 123-12	Lightweight Particles	A10	
ASTM C 131-06	Los Angeles Abrasion Resistance on Small-Size Coarse Aggregate	A11	X
ASTM C 142-10	Clay Lumps	A12	X
ASTM C 227-10	Alkali Reactivity of Cement-Aggregate Combinations (Mortar-Bar)	A13	
ASTM C 289-07	Alkali-Silica Reactivity of Aggregates (Chemical Method)	A14	
ASTM C 295-12	Petrographic Examination	A15	
ASTM C 441-11	Effectiveness of Mineral Admixtures or GBFS on Preventing	A16	
ASTM C 535-12	Los Angeles Abrasion Resistance on Large Size Coarse Aggregate	A11	X
ASTM C 566-13	Total Moisture Content	A17	X
ASTM C 586-11	Alkali Reactivity of Carbonate Rocks (Rock Cylinder Method)	A18	X
ASTM C 641-09	Staining Materials in Lightweight Aggregates	A19	
ASTM C 702-11	Reducing Samples to Testing Size	A20	
ASTM C 1105-08	Length Change Due to Alkali-Carbonate Reaction	A21	
ASTM C 1138-12	Abrasion Resistance of Concrete (Underwater Method)	A22	
ASTM C 1252-06	Uncompacted Void Content	A23	
ASTM C 1260-07	Potential Alkali Reactivity of Aggregates (Mortar-Bar Method)	A24	
ASTM C 1293-08	Length Change Alkali-Silica Reaction	A25	
ASTM D 75-13	Sampling	A26	
ASTM D 546-10	Sieve Analysis of Mineral Filler	A27	X
ASTM D 2419-09	Sand Equivalent Value	A28	
ASTM D 3744-11	Aggregate Durability Index	A29	
ASTM D 4791-10	Flat or Elongated Particles	A30	
ASTM D 5821-13	Percentage of Fractured Particles in Coarse Aggregate	A31	
CRD-C 104-80	Fineness Modulus	A4	
CRD-C 119-91	Flat and Elongated Particles	A30	
CRD-C 130-89	Scratch Hardness	A32	
CRD-C 171-94	Percentage of Crushed Particles in Aggregate	A33	

TABLE 2 - BITUMINOUS

Test Method	Test Procedure (ASTM D 3666-13)	No.	Approved
ASTM D 5-13	Penetration	B1	
ASTM D 36-14	Softening Point	B2	
ASTM D 70-09	Density of Semi-Solid Bituminous Mat'ls (Pycnometer Method)	B3	
ASTM D 113-07	Ductility	B4	
ASTM D 139-12	Float Test	B5	
ASTM D 140-09	Sampling Bituminous Materials	B6	
ASTM D 242-09	Mineral Filler for Bituminous Paving Mixtures	B7	
ASTM D 243-08	Penetration Residue	B8	
ASTM D 244-09	Emulsified Asphalts	B9	
ASTM D 402-08	Distillation of Cut-Back Asphalts	B10	
ASTM D 979-12	Sampling Bituminous Paving Mixtures	B11	
ASTM D 1074-09	Compressive Strength	B12	
ASTM D 1075-11	Effect of Water on Compressive Strength	B13	
ASTM D 1188-07	Bulk Specific Gravity & Density Using Coated Samples	B14	
ASTM D 1461-11	Moisture or Volatile Distillates in Bituminous Paving Mixtures	B15	
ASTM D 1560-09	Resistance to Deformation & Cohesion by Hveem	B16	
ASTM D 1561-13	Preparation by CA Kneading Compactor	B17	
ASTM D 1754-09	Effect of Heat & Air by Thin Film Oven	B18	
ASTM D 1856-09	Recovery of Asphalt by Abson	B19	
ASTM D 2041-11	Theoretical Maximum Specific Gravity & Density (Rice)	B20	
ASTM D 2042-09	Solubility by Trichloroethylene	B21	
ASTM D 2170-10	Kinematic Viscosity	B22	
ASTM D 2171-10	Viscosity by Vacuum Capillary Viscometer	B23	
ASTM D 2172-11	Quantitative Extraction	B24	X
ASTM D 2726-14	Bulk Specific Gravity and Density	B25	X
ASTM D 2872-12	Effect of Heat & Air on Moving Film by Rolling Thin Film Oven	B26	
ASTM D 2950-14	Density of Bituminous Concrete in Place by Nuclear Methods	B27	
ASTM D 3142-11	Density of Liquid Asphalts by Hydrometer	B28	
ASTM D 3203-11	Percent Air Voids	B29	
ASTM D 3289-08	Density by Nickel Crucible	B30	
ASTM D 3665-12	Random Sampling of Construction Materials	B31	
ASTM D 4125-10	Asphalt Content by Nuclear Method	B32	
ASTM D 4867-09	Effect of Moisture	B33	
ASTM D 5404-12	Asphalt Recovery by Rotary Evaporator	B34	
ASTM D 5444-08	Mechanical Size Analysis of Extracted Aggregate	B35	
ASTM D 6307-10	Asphalt Content of Hot-Mix Asphalt by Ignition Method	B36	
ASTM D 6926-10	Preparation of Bituminous Specimens using Marshall	B37	X
ASTM D 6927-06	Marshall Stability and Flow of Bituminous Mixtures	B38	X
CRD-C 650-95	Density and Percent Voids	B39	

TABLE 3 - CONCRETE

Test Method	Test Procedure	No.	Approved
	Required Tests Per ASTM C 1077-14		
ASTM C 31-12	Making and Curing Test Specimens in the Field	C1	
ASTM C 39-14	Compressive Strength of Cylindrical Specimens	C2	X
ASTM C 138-14	Unit Weight and Air Content by Gravimetric	C3	X
ASTM C 143-12	Slump	C4	X
ASTM C 172-14	Sampling	C5	X
ASTM C 173-14	Air Content by Volumetric	C6	
ASTM C 231-14	Air Content by Pressure	C7	X
ASTM C 1064-12	Temperature of Concrete	C8	X
ASTM C 42-13	Drilled Cores and Sawed Beams	C9	
ASTM C 78-10	Flexural Strength by Third Point Loading	C10	X
ASTM C 157-08	Length Change of Concrete and Mortars	C11	
ASTM C 174-13	Concrete Thickness by Drilled Cores	C12	
ASTM C 192-14	Making and Curing Test Specimens in Laboratory	C13	
ASTM C 215-08	Fundamental Frequencies of Concrete	C14	
ASTM C 232-14	Bleeding of Concrete	C15	X
ASTM C 293-10	Flexural Strength by Center Point Loading	C16	X
ASTM C 341-13	Length Change of Drilled or Sawed Concrete	C17	
ASTM C 403-08	Time of Setting by Penetration Resistance	C18	X
ASTM C 418-12	Abrasion Resistance by Sand Blasting	C19	
ASTM C 457-12	Air-Void System by Microscopic Determination	C20	
ASTM C 469-14	Static Modulus of Elasticity and Poisson's Ratio	C21	X
ASTM C 470-09	Molds for Forming Concrete Test Cylinders Vertically	C22	
ASTM C 490-11	Apparatus for Length Chge of Cement Paste, Mortar, & Concr	C23	
ASTM C 495-12	Compressive Strength of Lightweight Insulating Concrete	C24	
ASTM C 496-11	Splitting Tensile Strength	C25	X
ASTM C 511-13	Moist Cabinets, Moist Rooms, Water Storage Tanks	C26	
ASTM C 512-10	Creep of Concrete in Compression	C27	
ASTM C 567-14	Unit Mass of Structural Lightweight Concrete	C28	
ASTM C 597-09	Pulse Velocity Through Concrete	C29	X
ASTM C 617-12	Capping Cylindrical Specimens	C30	X
ASTM C 642-13	Density, Absorption, and Voids	C31	X
ASTM C 666-03 (08)	Freezing & Thawing Concrete Specimens	C32	
ASTM C 672-12	Scaling Resistance by Deicing Chemicals	C33	
ASTM C 779-12	Abrasion Resistance of Horizontal Surfaces	C34	
ASTM C 803-03 (10)	Penetration Resistance of Hardened Concrete	C35	
ASTM C 805-13	Rebound Number of Hardened Concrete	C36	X
ASTM C 823-12	Examination and Sampling Hardened Concrete in Cnstrctn	C37	
	Test Procedure (ASTM C 1077-14)		
ASTM C 856-14	Petrographic Examination of Hardened Concrete	C38	
ASTM C 873-10	Compressive Strength of Cast in Place Cylinders	C39	
ASTM C 876-09	Half-Cell Potentials of Uncoated Reinforcing Steel	C40	X

ASTM C 900-13	Concrete Pullout Strength	C41	
ASTM C 918-13	Early Age Compression Test	C42	
ASTM C 944-12	Abrasion Resistance by Rotating-Cutter Method	C43	
ASTM C 1040- 08 (13)	Density of Concrete by Nuclear Method	C44	
ASTM C 1074-11	Estimating Concrete Strength by Maturity Method	C45	
ASTM C 1084-10	Portland Cement Content of Hardened Concrete	C46	
ASTM C 1152-04 (12)	Acid-Soluble Chloride in Concrete	C47	
ASTM C 1202-12	Electrical Indication of Concrete to Resist Chloride Ion	C48	X
ASTM C 1218-99 (08)	Water-Soluble Chloride in Concrete	C49	
ASTM C 1231-14	Unbonded Caps	C50	
CRD-C 114-97	Soundness by Freezing and Thawing of Concrete	C51	

TABLE 4 - MASONRY

Test Method	Test Procedure (ASTM C 1093-13)	No.	Approved
ASTM C 109-13	Compressive Strength of Cmnt Mortars Using Cube Specimens	M1	
ASTM C 140-14	Sampling and Testing Concrete Masonry and Related Units	M2	
ASTM C 151-09	Autoclave Expansion of Portland Cement	M3	
ASTM C 185-08	Air Content of Hydraulic Cement Mortar	M4	
ASTM C 187-11	Normal Consistency of Hydraulic Cement	M5	
ASTM C 266-13	Time of Setting of Hydraulic-Cmnt Paste by Gillmore Needles	M6	
ASTM C 305-13	Mech Mixing of Cmnt Pastes & Mortars of Plstc Consistency	M7	
ASTM C 780-14	Evaluation of Mortars for Plain and Reinforced Unit Masonry	M8	
ASTM C 1019-13	Sampling and Testing Grout	M9	

TABLE 5 - ROCK

Test Method	Test Procedure (ASTM D 3740-12)	No.	Approved
ASTM D 2845-08	Pulse Velocity and Ultrasonic Elastic Constants	R1	
ASTM D 2936-08	Direct Tensile Strength of Intact Rock Core	R2	
ASTM D 3967-08	Tensile Strength, Splitting (Brazilian) Method	R3	
ASTM D 4435-13	Rock Bolt Anchor Pull Test	R4	
ASTM D 4543-08	Preparing Rock Core Specimens and Determining Tolerances	R5	
ASTM D 4644-08	Slake Durability of Shales and Weak Rocks	R6	
ASTM D 5312-12 (13)	Durability of Rock to Freezing and Thawing	R7	
ASTM D 5313-12 (13)	Durability of Rock to Wetting and Drying	R8	
ASTM D 5607-08	Laboratory Direct Shear Tests on Rock Under Cnst Normal	R9	
ASTM D 5731-08	Point Load Index	R10	X
ASTM D 5878-08	Rock-Mass Classification for Engineering Purposes	R11	
ASTM D 7012-13	Compr Strgth & Elastic Moduli of Rock Core Specimens	R12	X
CRD-C 144-92	Resistance of Rock to Freezing and Thawing	R7	
CRD-C 148-69	Expansive Breakdown on Soaking in Ethylene Glycol	R13	
CRD-C 169-97	Resistance of Rock to Wetting and Drying	R8	

TABLE 6 - SOIL

Test Method	Test Procedure (ASTM D 3740-12)	No.	Approved
ASTM D 421-85 (07)	Dry Preparation for Particle Size Distribution & Soil Constants	S1	
ASTM D 422-63 (07)	Particle Size Analysis	S2	X
ASTM D 558-11	Moisture-Density of Soil-Cement	S3	
ASTM D 559-03	Wetting & Drying Soil-Cement	S4	
ASTM D 560-03	Freezing & Thawing Soil-Cement	S5	
ASTM D 698-12	Compaction Characteristics by Standard Effort	S6	
ASTM D 854-10	Specific Gravity of Soils	S7	
ASTM D 1140-00 (06)	Material Finer than 75 :m (No. 200) Sieve	S8	X
ASTM D 1556-07	Density & Unit Weight by Sand Cone	S9	
ASTM D 1557-12	Compaction Characteristics by Modified Effort	S10	X
ASTM D 1883-07	CA Bearing Ratio (CBR)	S11	
ASTM D 2166-13	Unconfined Compressive Strength	S12	
ASTM D 2167-08	Density & Unit Weight by Rubber Balloon	S13	
ASTM D 2168-10	Calib of Laboratory Mechanical-Rammer Soil Compactors	S14	
ASTM D 2216-10	Water Content	S15	X
ASTM D 2434-68 (06)	Permeability by Constant Head	S16	
ASTM D 2435-11	One-Dimensional Consolidation Properties	S17	
ASTM D 2487-11	Classification of Soils	S18	
ASTM D 2488-09	Descr & ID of Soils (Visual-Manual Procedure)	S19	
ASTM D 2850-03 (07)	Unconsolidated, Undrained Strength in Triaxial Compression	S20	
ASTM D 2937-10	Density by Drive Cylinder Method	S21	
ASTM D 2974-13	Moisture, Ash, & Organic Matter of Peat & Othr Org Soils	S22	
ASTM D 3080-11	Direct Shear Test in Consolidated Drained Conditions	S23	
ASTM D 4220-14	Preserving & Transporting Samples	S24	
ASTM D 4253-00 (06)	Maximum Index Density by Vibratory Table	S25	
ASTM D 4254-00 (06)	Minimum Index Density	S26	
ASTM D 4318-10	Liquid & Plastic Limits & Plasticity Index	S27	X
ASTM D 4546-08	One-Dimensional Swell or Settlement Potential	S28	
ASTM D 4643-08	Determination of Water Content of Soil by Microwave Oven	S29	X
ASTM D 4767-13	Consolidated-Undrained Triaxial Compression	S30	
ASTM D 5084-10	Hydraulic Conductivity using a Flexible Wall Permeameter	S31	
ASTM D 6938-10	Density and Wtr Content by Shallow Depth Nucl Method	S32	X

AMERICAN CONCRETE INSTITUTE

This is to certify that

MUTHUKUMAR MADAN VELUCHAMY

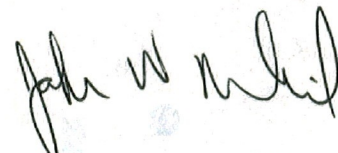
*has demonstrated knowledge and ability by
successfully completing the ACI Certification
requirements and is hereby recognized as an*

ACI Concrete Field Testing Technician - Grade I

Certified Date: 10/20/2018

Expires: 10/20/2023

Examiner of Record: Dr Maher A Bader


ACI Managing Director of Certification

The Authenticity of this certification can be verified at www.ACICertification.org/verify

AMERICAN CONCRETE INSTITUTE

This is to certify that

SINU JOSEPH

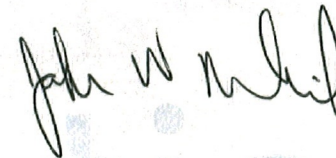
*has demonstrated knowledge and ability by
successfully completing the ACI Certification
requirements and is hereby recognized as an*

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JITHIN K FRANCIS

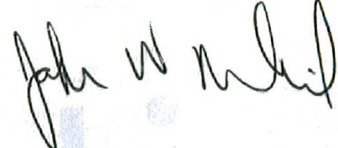
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ASSOCIATION OF ENGINEERING OFFICES - BAHRAIN

جمعية المكاتب الهندسية البحرينية

CERTIFICATE OF MEMBERSHIP

شهادة العضوية

Pursuant to Article No. 11 of the law of the Association of Engineering Offices under registration No. 14/C/AC, based on Ministerial Resolution No. 49 of 2013 issued on October 18, 2013, the membership has been granted to:

استناداً الى المادة رقم 11 من قانون جمعية المكاتب الهندسية البحرينية المسجلة تحت رقم قيد ١٤/ج/أج بموجب القرار الوزاري رقم ٤٩ لسنة ٢٠١٣ والصادر في ١٨ أكتوبر ٢٠١٣ قد منحت العضوية إلى:

Office name : Qatar Engineering Laboratories
Bahrain (QEL)

اسم المكتب : قطر للمختبرات الهندسية - البحرين

Membership No : AEOB-20

رقم العضوية : AEOB-20

Valid until : 31 December 2022

صالحة لغاية : 31 ديسمبر 2022م

م. عبدالحسن جعفر الحايكي
أمين السر العام



ختم الجمعية

م. مازن أحمد العمران
الرئيس



PRE-QUALIFICATION DOC.

Management & Key Personnel

K.G.BABURAJAN
BSc.,(Chem), BSc.Engg., (Civil), M.I.C.E
MANAGING DIRECTOR



MEMBERSHIP

- ✓ ASSOCIATE MEMBER OF INSTITUTION OF CIVIL ENGINEERS (INDIA)
- ✓ MEMBER OF SOCIETY OF ENGINEERS (INDIA)
- ✓ LIFE MEMBER OF BAHRAIN SOCIETY OF ENGINEERS (MEMBER M-339)
- ✓ MEMBER OF INSTITUTION OF CIVIL ENGINEERS (U.K)

COEPP (Registered)

Registered with Committee for Engineering Professional Practice (COEPP), Kingdom of Bahrain, since 1985-Cat.A.

MAJOR CAREER HISTORY

1988- 2008: GENERAL MANAGER OF AL HOTY ANALYTICAL SERVICES

Managed team of Engineers and Technicians for various QA/QC operations. Carried out all Administration and Management responsibilities for profitability, staffing, QA/QC, finance, reporting to the Director with projected incomes, equipment and staffing, resource requirements, overseas operations, setting up of new venues in other countries, coordinate the various departments etc was responsible in the setting up of the laboratory facilities for Concrete, Soils, Asphalt, Steel, Chemical, and Geotechnical Site Investigation. Vast experience in the field of design and execution of Civil Engineering Structures like -Multi-storey buildings, marine structures, caissons, jetties, roads, pavements, and bridges including in the field of Geotechnical Site Investigation, both Offshore and Onshore, Geophysical Investigation, Analysis and Design of Foundation including recommendations of type and kind of foundation to be used on specific site, Quality Control Testing, preparation of detailed Quality Assurance. manuals, failure investigation of concrete structures, assessment and evaluation of the condition of Civil Structures by carrying out different destructive and non-destructive methods, preparation of detailed repair strategy, testing of structural steel works, quality control testing of cement, concrete, soils, asphalts, reinforcements, rocks, water and other building materials, calibration and other aspects of Civil Engineering

1999 - 2009: MANAGING DIRECTOR & PARTNER OF BAHRAIN FOUNDATION AND CONSTRUCTION COMPANY W.L.L.

Managed Technical team of Structural Engineers, Geologists, Project Managers, Project Engineers and other piling operators including all the administration and financial aspects of the company operations. Developed a specialized team of engineers and technicians to carry out various pile and other foundation related testing including design and Construction of Pile Foundations, Ground improvement by Vibro Compaction, Vibro replacement, Dynamic Compaction, Dewatering and other foundation related issues and problems, static and Dynamic load testing, Integrity testing using Sonic, Cross-hole Seismic methods, Caliper logging, perform instrumented pile load tests etc. During the peak time the company employed up to 500 employees mainly technical and skilled category

1992 - 2008 : MANAGING DIRECTOR & PARTNER OF M/S FAST FLOW SERVICES, BAHRAIN

Was responsible for Setting up and Managing the above company for 16 years which is a specialized Contracting and Trading Company. Activity includes calibration services, Corrosion monitoring and construction of marine structures. Few of the projects constructed during this period include Marina for Ritz Carlton Hotel-Boat Parking, Aqua Park Construction for Durrat Al Bahrain. Pipe line demarkation and Bouys installation for BAPCO, at JIDHD Island, Construction of 4 nos. Ware Houses for M/s BANZ at Juffair.

2007 - PRESENT:-

- (i) **BKG HOLDING W.L.L. -Fully owned holding company ,with the intention of setting up other companies , JVs etc.**
- (ii) **QATAR ENGINEERING LABORATORIES (QEL)-QATAR AND BAHRAIN -Managing Director-managing the company activities with the support of team of Engineers, Geotechnical Engineers, construction engineers, surveyors, technicians etc.**

Company Activities:

Includes Materials Testing, NDT ,Geotechnical Consultancy,survey etc.

Detailed : company website : - www.qelonweb.com

- (iii) **QUALITY PILING AND CONSTRUCTION Co W.L.L.(QPCC) Managing Director-The company activities includes piling and related activities mainly : -**
 - Large diameter bored cast in-situ concrete piles, utilizing vibratory and oscillated casing methods of construction, on landshore and offshore, permanent and temporary liners.
 - Insertion of driven steel piles, I-beam and tubular type, on landshore and offshore.
 - Installation and extraction of sheet piles.
 - Contiguous and secant bored pile walls.
 - Grout injected mini-piles.
 - Compaction, pressure grouting.
 - Ground improvement
 - De-watering from well points.
 - Underpinning and stabilization of failed foundations.
 - Ground and retaining wall anchors.

- ▣ **Member of the Accreditation Committee (since 2012) of the International Accreditation Services (IAS) which is a non-profit public –benefit Corporation incorporated in USA (Los Angeles)which is a subsidiary of International Code Council (ICC)a professional membership association that develops the Construction Codes and Standards used by various municipalities within the United States .**
- ▣ **Since 2016, is a member of the Technical Advisory Council of IAS .**

SETTING UP OF MATERIAL TESTING AND GEOTECHNICAL LABORATORY

- **AL HOTY ANALYTICAL SERVICES - Bahrain**
- **QATAR INDUSTRIAL LABORATORIES – Doha**
- **QATAR ENGINEERING LABORATORIES W.L.L- Qatar. (ISO 9001 :2008-BV-IND91565)**
- **GULF Engineering Laboratories at Sohar in Sultanate of Oman.(under process)**
- **QATAR ENGINEERING LABORATORIES W.L.L. Bahrain (ISO 9001:2015-IND17.4595U/Q)**













SELECTED LIST TO SHOW VARIETY OF WORKS CARRIED OUT UNDER MY MANAGEMENT











AJ SOIL INVESTIGATIONS

❖ High Rise Buildings













-  **Bahrain Financial Harbour**
-  **Icon tower**
-  **Dana tower**
-  **Abraj Al Lulu**
-  **Seef Tower**
-  **Bahrain City Centre**
-  **Bahrain Business Bay**
-  **Almoayed Tower**

❖ DREDGING AND RECLAMATION
















-  **NORTH MANAMA CAUSEWAY**
-  **NORTH BAHRAIN NEW TOWN**
-  **AMWAJ ISLAND**
-  **DURRAT AL BAHRAIN**
-  **NEW PORT & INDUSTRIAL AREA**
-  **HIDD TO MANAMA CROSSING**
-  **SECOND MANAMA-MUHARRAQ CROSSING**
-  **SH.KHALIFA BIN SULMAN CAUSEWAY**
-  **SALMAN ISLAND**
-  **SEEF BANDER**
-  **REPLACEMENT OF SITRA BRIDGES**
-  **BAHRAIN INVESTMENT WHARF**

-  KHALIFA BIN SALMAN PORT & INDUSTRIAL AREA AT HIDD
-  DURRAT AL BAHRAIN PROJECT
-  AMWAJ ISLAND
-  DIYAAR AL MUHARRAQ
-  NORTH BAHRAIN NEW TOWN
-  DARARI
-  ALBA MARINE
-  NASS MARINE YARD
-  JAWW VILLAGE
-  NORTH CHANNEL ACCESS BASIN

● **OFFSHORE**

-  NATIONAL ASSEMBLY V3
-  AGCC (HYUNDAI)
-  RAS LAFFAN SHIP REPAIR YARD
-  ASRY – HIDD
-  NORTH BAHRAIN NEW TOWN
-  QUAY WALLS - NBNT
-  BAHRAIN BAY
-  AMWAJ ISLAND
-  BFH RECLAMATION PHASE 2
-  SHK. KHALIFA BIN SALMAN PORT AND INDUSTRIAL AREA
-  SALMAN ISLAND
- 

● **BATHYMETRIC SURVEY AND MARINE STUDIES**

-  MUHARRAQ WEST/ARAD SOUTH
-  FASHT AL ADHAM
-  ALBA PS3
-  FASHT AL JARIM
-  ASRY-HIDD
-  ALBA POTLINE 4 PROJECT - CAUSEWAY TO ALBA MARINE TERMINAL
-  HYDRAULIC MODELLING- YEMEN,SOCOTRA
-  NEW PORT AND INDUSTRIAL AREA-HIDD
-  HALUL HARBOUR REFURBISHMENT
-  ASRY SLIPWAY
-  SHK.KHALIFA BIN SALMAN- MINA SULMAN
-  SITRA CAUSEWAY BRIDGE
-  DURRAT AL BAHRAIN - PHASE 2
-  MESAIEED POWER PLANT-QATAR
-  CONTAINER PORT MINA SALMAN- (U S ARMY)

- **CAUSEWAY AND BRIDGES**

- ✚ SAUDI - BAHRAIN CAUSEWAY
- ✚ SH.KHALIFA BIN SALMAN CAUSEWAY
- ✚ NORTH MANAMA CAUSEWAY
- ✚ QATAR-BAHRAIN CAUSEWAY
- ✚ THIRD CROSSING BETWEEN MINA SALMAN AND HIDD
- ✚ SECOND MANAMA-MUHARRAQ CROSSING
- ✚ REPLACEMENT BRIDGE UMM AL HASSAM –SITRA

- **POWER PLANT**

- ✚ ALDUR
- ✚ HIDD
- ✚ AL- EZZEL
- ✚ ALBA PS 3 and PS 4
- ✚ RAS ABU FONTAS
- ✚ RAS LAFFAN MASAIEED

- **SMELTER PROJECT (ALUMINIUM)**

QUALITY CONTROL TESTING DURING CONSTRUCTION

- ✚ ALBA PLOTLINE 3 AND 4- BECHTEL
- ✚ ALBA PLOTLINE 5- BECHTEL
- ✚ SOHAR ALUMINUM - - BECHTEL
- ✚ QATALUM -SNC

- **PROJECTS IN QATAR**

ARCHIRODON CONST. OVERSEAS
QATOFIN MARINE WORKS

ARCHIRODON CONST. OVERSEAS
HALUL HARBOUR REFURBISHMENTS PH. 1

CONSOLIDATED ENG'NG CONSTRUCTION CO.
HALUL HARBOUR - UPGRADE PHASE II

DAR AL HANDASAH
QATAR BAHRAIN CAUSEWAY

HYUNDAI HEAVY INDUSTRIES
MESAIEED 'A' IPWP

QATAR ELECTRICITY AND WATER COMPANY
MESAIEED POWER PLANT

QATAR GAS TRANSPORT COMPANY
RAS LAFFAN SHIP REPAIR YARD & DRY DOCK

SIEMENS AG POWER GENERATION
POWER PLANT

STAR CEMENT
AGCC (HYUNDAI)

B] FAILURE INVESTIGATIONS

- ✚ Numerous residential buildings throughout Bahrain
- ✚ Chamber of Commerce Building – Module 2
- ✚ Bahrain School – Module 2
- ✚ Earth Satellite Station Ras Abu Jarjur
- ✚ British Embassy
- ✚ Saudi – Bahrain Causeway – Research Study in Corrosion of Reinforcements
- ✚ Mina Sulman Port Area – Crane track failures
- ✚ Bahrain Flour Mills and Administration Blocks, Silos, etc,
- ✚ Crown Prince Palace – Riffa – Gibb Petermuller and Partners
- ✚ Jashanmal Building Fire Damaged

C] MATERIAL TESTING

- | | |
|----------------------------------|---------------------------------------|
| ✚ ALBA POTLINE 3, 4&5 or BECHTEL | ✚ Housing Project at AL ALI |
| ✚ Sohar Aluminum – For BECHTEL | ✚ Housing Project at Lowzi |
| ✚ Qatalum for SNC LAVALIN | ✚ Amwaj Development |
| ✚ Bahrain international circuit | ✚ Arabian Gulf University |
| ✚ Bahrain world trade centre | ✚ Sitra Housing Project |
| ✚ Bahrain city centre | ✚ New Shk. Khalifa Port |
| ✚ Riffa views | ✚ Isa town gate Interchange |
| | ✚ Arcapita H.Q and Four seasons Hotel |

D] NDT. METALLURGY AND PIPE LINE SERVICES

Managed the NDT SECTION conducting all types of tests including Dye penetrant testing, Magnetic particle inspection, Eddy current testing, Ultrasonic Testing and Radiographic Testing, metallurgy and pipe line inspection, Hydro Testing, Heat Treatment & stress relieving for

- ✚ CCC JGC Brown & Root OPMI Lahoud Engineering ABB ALSTOM Sae Sadelmi
- ✚ Siemens GE Italian P & T GPIC Bapco Banoco Snamprogetti Mitsubishi

E] TECHNICAL EXPERT TO COURT

Was in charge of preparing detailed Technical reports to the Court on various civil engineering related problems like Building Collapses (National Bank Building, Lulu Centre, Muharraq Shopping complex), various building projects, disputes between suppliers and clients or between contractors / clients / consultants.

F] PILING AND OTHER GROUND IMPROVEMENT WORKS

As Managing Director of BAHRAIN FOUNDATION AND CONSTRUCTION CO. (BFCC) handled foundation works of approximately 500 projects of varying magnitude in terms of value and size like:

-  AL MOAYYED Tower at Seef – 47 storey Tower
-  Bahrain World Trade Centre
-  Bahrain City Centre
-  Bahrain Financial Harbour
-  LULU ABRAJ
-  Bahrain Bay Development
-  GIIC Pelletizing Plant No.2
-  Replacement of Sitra Birdges
-  Proposed Isa Town Gate Interchange
-  Raffle city piling works
-  Four Season Hotel
-  ARCAPITA HQ
-  Seef flyover
-  Hamad Town Flyover
-  Fontana Bldgs.

G. EXPERIENCE IN ALBA PROJECTS

CLIENT	PROJECT	REFERENCE NO
EWBANK PREECE	ALBA Power Station 3 /Design stage	G 1211-Oct 1989
BECHTEL-LAVALIN	ALBA Pot Line 4 Investigation	G/1221 -Jan- 1990
	Additional Investigation	G/1221/D-June 1990
SAE SADELM	ALBA Power Station 3,	G/1266 -Sep- 1990
BECHTEL-LAVALIN	ALBA Pot Line 4 Investigation-Court yard Area	G/1273 -March- 1991
ESB CONSULTING SERVICES	ALBA 220 kV Substation	G/1274 -Nov- 1990
ALBA	New Truck Haul Road	G 1318-Oct 1991
ALBA	Up grading of Micro Scrubber	G 1324-Jan 1991
MANNAI ENGG	ALBA DROSS	G 1330-Nov 1991
MIDDLE EAST TRANSPORT	ALBA Causeway	G 1331-Jan 1992
BECHTEL-LAVALIN	ALBA Truck Haul Road	G 1387-Aug 1992
ABB FLAKT	ALBA Expansion	G 1395-Nov 1992
ABB SADELM	P.G.T 51 Extension/,Power Station 3	G 1627-May 1996
BECHTEL-LAVALIN	ALBA Pot Line 5 Investigation-Rock Anchor	G 1968 -Aug - 2002
	Additional Investigation-Bake Furnace	G 2024-April -2003
GREEN POWER / MORTIDAL ITALY	Green Coke Plant	G 2190-May -2005
ALBA	Cast House 3 and Cast House 2-Extension	G 2034-June -2003
ETA	ALBA -PDS	G 2036-June -2003
ALBA	Truck Haul Road	G 2142-Nov -2004
SAE.SADELM/ABB	Power Station	
BECHTEL -ALBA	Pot Line 6 and Power Station 5 Feasibility Study	G/1116 Jan - 2014
ALBA	Alba Power Station 5 Geophysical And Geotechnical Investigation	G/1249-APRIL-2016



BENNY A. VARUGHESE

(TECHNICAL MANAGER)

QATAR ENGINEERING LABORATORIES-BH (SINCE 2016)

EDUCATIONAL QUALIFICATION

Bachelors Degree in Civil Engineering (First Class) from Government College of Engineering, Trivandrum, Kerala University, India

PROFESSIONAL MEMBERSHIP/REGISTRATION

Project Management Institute (PMI) : Member
American Society of Civil Engineers (ASCE): Member
COEPP Registration : Category A.

SPECIAL TRAINING

PMP certification training
Project Planning and Execution
Labor Management
Personnel Management and Finance
Microsoft Office and MS Project
FIDIC & JCT Contract Conditions

PROFILE

Graduate Civil Engineer with more than 25 years working experience in Bahrain. Gained good experience working with Consultants, Contractors and Clients in various capacities in the execution of Civil Engineering projects.

SUMMARY OF PROFESSIONAL EXPERIENCE:

DESIGNATION/EMPLOYER/PERIOD

Resident Engineer (Consultant) (July 2014-Sept 2015)

Ansari Engineering Services, Manama, Kingdom of Bahrain

Worked as Resident Engineer for a Housing Project consisting of 1037 multi-storied villa units and related infrastructure works in reclaimed islands in North Bahrain.

Responsible to ensure that the project team consisting of Civil Engineers, Architects, MEP Engineers, Surveyors, Site Inspectors and Document Controllers take action on all submittals, transmittals and correspondences in a timely manner and also the contractor maintains work quality complying with all site management plans.

Ensure that building and infrastructure coordinates are correctly established by surveyors at site

Review material submissions and obtain approvals from client.

Review Method Statements, Pre-qualification documents and Testing and Commissioning proposals of sub-contractors.
Assist project team in reviewing Shop Drawings, Request For Information and preparation of Site Instructions.
Coordinate with Head Office based Architects, Structural and MEP Engineers in resolving architectural and design related issues.
Conduct Technical Meetings; participate in HSE, Design Coordination, Project Progress and Quality Review Meetings.
Review contractor's valuations and variations and give comments to QS.
Prepare monthly reports, write letters to main contractors and follow up work quality. Coordinate building works with Infrastructure Consultants.
Communicate/correspond with Clients representatives, Contractor's Project Managers and other site based Consultants.

Project Coordinator (Client) (July 1993 –June 2014)
Bahrain Airport Services (BAS), Muharraaq, Kingdom of Bahrain

(a) Major Projects

Evaluate project requirements and prepare budget estimate & submit for inclusion in yearly budgets.
Establish basic design requirements, prepare design brief and obtain fee proposals from Consultants and Quantity Surveyors (QS). Analyse proposals in detail and provide recommendations to Senior Management. Coordinate with Legal, Finance and other related departments and finalise their agreements.
Conduct regular meetings with Heads of Department, Civil Aviation Affairs, QS and Consultants to review and finalise tender documents; issue tenders.
Obtain Consultants and QS reports, critically analyse and provide recommendations to management for appointing contractors. Coordinate with all stakeholders and conclude Contract Agreements.
Establish paths of communication among stakeholders; attend project progress and technical coordination meetings. Scrutinise material approvals, shop drawings, colour schemes and witness tests.
Ensure procedures are followed in instructing and approving variations. Examine correctness of valuations and payment applications and certify payments. Prepare progress reports, cash flow charts, and board papers on a regular basis.
Proper taking over of completed projects including As-built drawings and O&M manuals. Follow up snags during defects liability period.
Settle Final Account meeting internal and external audit requirements.
Maintain record of all projects including updating of drawings.

(b) Minor Projects

Prepare tender documents consisting of General Instructions, Particular Instructions, Drawings and Specifications for all other budgeted projects and maintenance works and obtain tenders.
Coordinate all stages of work with stakeholders, supervise construction, take over completed projects and hand over to the concerned department.

Some of the projects involved during the tenure are: Construction of New Engineering Services Complex, Expansion of Bahrain International Airport Terminal, New Transit Restaurant & Kitchen, New Dilmun Lounge, Cargo Terminal Expansion, Catering Centre Modifications & Refurbishment, BAS Head Office Refurbishment, Arad Bay Infrastructure, Development of Departures Level@ Bahrain International Airport etc

Construction Manager (Contractor) (Nov. 1989 - July 1993)
Crystal Pools, Manama, Kingdom of Bahrain

Responsible for managing all works undertaken by the company involved in building construction, maintenance, concrete repair works & swimming pool construction including progress, staff and material management.

Production Engineer (Contractor) (Feb. 1987 - Nov. 1989)
Kerala Electrical and Allied Engineering Com. India

Responsible for preparing detailed design and shop drawings of Radial Gates and Vertical Lift Gates.

Assist shop floor works and site execution. Periodic visit sites and give assistance in solving site-specific issues.

Prepare progress reports, valuations and do correspondence with sub-contractors and Statutory Authorities.

Civil Engineer / Quantity Surveyor (Contractor) (Oct. 1985 - Feb. 1987)
Galfar Engineering, Muscat, Sultanate of Oman

Project management and quality control of a group of multi-storied residential buildings, construction of cellars, bund walls, casting and erection of pipe supports & thrust blocks, oil storage facilities& equipment maintenance facilities including survey works for Petroleum Development of Oman (PDO).

These projects that were located in on-shore oil fields were completed meeting the stringent quality, safety and security requirements and procedures of PDO.

Worked as quantity surveyor for a School Building complex for Ministry of Education, Oman.

Asst. Resident Engineer/Site Inspector (Consultants) (Jan. 1984 - Oct. 1985)
Food Industries Research & Engineering (Holland), Muttrah, Sultanate of Oman

Project: Head Office, Two Distribution and Sixteen Collection Centres for PAMAP.

Responsible for Project management of a multi storied Office Building and a Distribution Centre including survey works associated with infrastructure roads, drainage, water supply and external power cabling.

Responsible for checking and approving construction drawings, designs, material submissions, method statements etc and inspecting and approving all stages of civil works.

Responsible for quality control of road works associated with other Fifteen Collection Centres including road survey works.

Responsible for checking contractor's valuations, payment applications and prepare payment certificates.
Monitor progress of works, and prepare progress report for all the sites.
Assist Principle Resident Engineer in settling Variation Claims and Final Account of various contractors.

Civil Engineer (Contractor) (March 1982 – Jan. 1984)

Galadhari Engineering Works, P.O Box 355, Dubai, United Arab Emirates

Project: RCC Water Reservoir (14 Million Gallons), Pump Station, Roads, and Water Pipelines

Consultants: TEBODIN Middle East

Responsible for preparing method statements, working drawings, material approval submissions etc and obtain Consultant's approval.

Prepare Schedule of Works, Progress Reports, Valuations etc, in coordination with sub-contractors and obtain consultants approvals.

Prepare design and drawings for valve chambers, loading bays, retaining wall etc and obtain consultant's approval.

Associated with the project from site survey works, soil investigation, building construction to final testing, commissioning and handing over.

Site Engineer (Contractor) (Nov. 1980 – Feb. 1982)

Axis Construct Company, Dubai, United Arab Emirates

Project: New Dubai Bank Building

Supervision of super structure works and finishes like marble cladding, gypsum partitions, false ceiling, glazing and plumbing and sanitary works for a ten-storied Bank Building.

Assist the Project Manager in preparing and compiling variations claims.

Project: Electrical Sub-stations

Consultants: Price Cardew & Rider

Independently responsible for all works related to the construction of Three Primary Electrical Sub-Stations from inception to commissioning including coordination with consultants and sub-contractors.

Junior Engineer (Consultants) (Apr.1980 – Nov. 1980)

CPWD, India.

Prepare detailed design and drawings for multi-storied buildings, water tank, retaining wall etc for an airport complex in India.

Graduate Trainee Engineer (Aug. 1979 – Apr. 1980)

Kerala State Construction Corporation India

Gained very good experience in RCC in-situ pile casting, driving and testing, pre-stressed deck slab casting, stressing of girders, sand piling, construction of approach roads and embankments working for a bridge construction

RAJATH BABURAJ
Operations Manager



Operations Manager and Quality Engineer of Qatar Engineering Laboratories. Responsible for the company's compliance to ISO 9001 and ISO 17025.

ANDREAS KYRIACOU
Consultant,



REGISTERED MEMBER OF CIVIL ENGINEER CONTRACTING / CONSULTANCY EPP/C2355/CE/02-A (BAHRAIN)

After graduation and until today involved in all aspects of contracting such as generation of work , tendering ,negotiations and execution of projects , in various countries in the middle East (Oman, Saudi Arabia , Iraq, Bahrain ,U.AE) and in building and structural design work in Cyprus and Canada . The experience gained covers prefabricated building, conventional building (concrete structure , block work etc.), multi -storey building ,villas and compounds , landscaping , metal structures , ready mixed concrete (Jeddah) , airport (Seeb) , and harbor work ,(Janbu) and Roads (UAE, Bahrain) and infrastructure (Sewerage, drainage , water , electrical and telephone).

From 1983 to 1990 carrier evolved as area manager of Charilaos Apostoliders (Bahrain) WLL. In 1991 joined as the constriction manger of Hafeera contracting co. WLL, in 1995 as the project manager of UTCC Wade Adams (LLC) work ,in 2002 as the project manager of Wade Adams (Bahrain) W.L.L,in 2005 as the Project manager & Supervisor of Aref Sadiq Design Consultants ,

SREEKALA PRABHASHANKAR
General Manager



Working as client co-ordinator /Admin manager of Qatar Engineering Laboratories Responsible for commercial, technical and administrative matters.

Co –ordinating with clients / consultants directly for the business and technical matters
Sorting out of routine and non routine technical problems pertaining in material testing.
Overall supervision and control day to day functions of site works as well as the lab.
Assigning testing schedule for lab assistants
Make sure that all testing activities are carried out as per the Standard Test method.

1990 – 2008

Al Hoty Analytical services, Bahrain-joined the company as chemist and promoted as laboratory manager in 1998.

<u>LIST OF FEW MAJOR PROJECT ASSOCIATED</u>	<u>LIST OF FEW CLIENTS /CONSULTANTS DEALT WITH</u>		
<ul style="list-style-type: none"> ABRAJ AL LULU ALBA POTLINE EXPANSION ALMOAYED TOWER AMWAJ ISLAND BAHRAIN CITY CENTRE BAHRAIN FINICAL HARBOR BAHRAIN INTERNATIONAL CIRCUIT BAHRAIN INVESTMENT WHARF DIYYAAR AL MUHRAQ DURRAT AL BAHRAIN NEW PORT AND INDUSTRIAL AREA AT HIDD NORTH BAHRAIN NEW TOWN RIFFA VIEWS 	ALBA	BRAMCO.	NASS, MURRAY & ROBERTS
	A.A.NASS	CEBARCO -WCT	NATIONAL CONCRETE
	ACE-ALMOAYYED	COWI ALMOYED GULF	PANORAMA CONTRACTING
	AHMED MANSOOR	DELMON READYMIX	SIEMENS
	AL A'ALI	GIIC	SCOTT – WILSON
	AL HAMAD CONTRACTING	GPIC	SUNGWON CORPORATION
	AL STOM POWER	GPZ	TILKE
	ARMCON	GREAT LAKES DREDGE AND DOCK CO.	U.S.NAVY
	ASRY	HAJI HASSAN READYMIX	W.S. AKINS
	BAHRAIN FERRO ALLOYS	HYDER CONSULTING	WADE ADAMS
	BAPCO	ISMAIL KHONJI ASSOCIATE S	
	BECHTEL	MINISTRY OF WORKS & AGRICULTURE	
	BOSKALIS		

ASAD ULLAH KHAN

GEOTECHNICAL MANAGER



22 years extensive experience in all geotechnical investigation (offshore and onshore) covering the inspection, quality control, evaluation and failure investigation in Pakistan, Bahrain, United Arab Emirates and Qatar. Well conversant with local, British as well as ASTM standards dealing with customers directly for business and technical clarification.

Have extensive experience in managing major projects for all types of Piling and Soil investigation and water well. Supervision and inspection of Ultrasonic Cross hole testing, Borehole geophysical logging, Pile Instrumentation, dry core drilling, inclination core drilling, wash boring, percussion drilling, wire line core drilling etc.

Well familiar with water pressure test, pressure meter test, meanard test, veansher test, un disturb soil sampling like UDS piston sampling, denison sampling, pitcher sampling, installing piezometer, standpipe, water well installation production well, injection well, monitoring well, aquifer monitoring test, cone penetration test, standard penetration test, permeability test etc.

MAJOR PROJECTS INVOLVED

- ◆ FOR THE QUARRY & RESERVE
- ◆ OFFSHORE DRILLING WORKS FOR BRIDGES AND JETTIES
- ◆ TUBE WELLS
- ◆ PROJECTS FOR OIL & GAS FIELDS IN SINDH
- ◆ PILING WORKS
- ◆ FOR DAMS
- ◆ FOR CEMENT FACTORIES
- ◆ MOTORWAY & HIGHWAYS
- ◆ METRO
- ◆ POWER PLANTS
- ◆ STRUCTURES

• ABRAJ AL LULU	• RAFFLES CITY AT BAHRAIN BAY
• ALMOAYYED TOWER	• REPLACEMENT OF SITRA BRIDGE
• ALBA POTLINE EXPANSION	• REEF ISLAND
• AR2 – FOUR STAR HOTEL AT SEEF	• YBA KANOO DEVELOPMENT TOWER AT DIPLOMATIC AREA
• BAHRAIN CITY CENTRE	• SAMSUNG ENGINEER
• BAHRAIN FINANCIAL HARBOR	• ITHMAAR DEVELOPMENT CO.
• BAHRAIN TRADE CENTRE	• DILMUNIA HEALTH ISLAND PHASE 2
• CITY GARDEN BAHRAIN	• CHINESE EMBASSY
• MARINA WEST DEVELOPMENT	• SEA VILLAS @ DILMUNIA HEALTH ISLAND
• NORTH MANAMA CAUSEWAY PROJECT	• MEDCO
• PELLETIZING PLANT NO.2 AT GIIC HIDD	• QATAR INTEGRATED RAILWAY PROJECT (QIRP)
• PROPOSED ISA TOWN GATE INTERCHANGE	• QENFB Quay Wall & Basin Revetments

NARAYANAN SABU
Laboratory Manager



Extensive experience in geotechnical materials testing services covering the selection, testing, quality control, evaluation, failure investigation and inspection of construction materials

Project Manager for several contracts for Fugro Middle East , United Arab Emirates oil field comprising of geotechnical investigations and Materials testing.

Career History : - 1977 to 2008

Fugro Peninsular, Doha, Qatar - Laboratory Manager

Fugro Middle East, Abu Dhabi, U.A.E.- Field supervisor

Gulf Testing Laboratory, Dubai - Field supervisor responsible for field and laboratory testing of geotechnical and construction materials.

Gibca Limited, Sharjah - Technical supervisor responsible for control of construction materials in particular Asphalt and soils on site.

V. SIVANANTHAM.
Laboratory Manager



Thirteen years extensive experience in all fields of material testing and geotechnical investigation covering the inspection, quality control, evaluation and failure investigation. Well conversant with local, British as well as ASTM standards dealing with customers directly for business and technical clarification.

Have extensive experience in managing major projects for all types of Piling and Soil improvement.

Supervision and inspection of Ultrasonic Crosshole testing , Borehole geophysical logging: mechanical caliper , pile Integrity test , High- Strain Dynamic test, Static, Axial, Compressive , Tensile and Lateral load test , Pile Instrumentation etc.

Well familiar with Nuclear Density gauge operation and safety aspects Has conducted in-House Nuclear density training sessions related to operation and job risk analysis to several batch of technicians

1994 to 2010

Project engineer for several contracts of Al Hoty Analytical service /Bahrain Foundation Construction Company (Managed Geotechnical investigations, material testing, and pilling)

MAJOR PROJECTS INVOLVED

❖ ABRAJ AL LULU	❖ MARINA WEST DEVELOPMENT
❖ AL MOYYED TOWER	❖ NORTH MANAMA CAUSEWAY PROJECT
❖ ALBA POTLINE EXPANSION	❖ PELLETIZING PLANT NO.2 AT GIIC HIDD
❖ AR2 – FOUR STAR HOTEL AT SEEF	❖ PROPOSED ISA TOWN GATE INTERCHANGE
❖ BAHRAIN CITY CENTRE	❖ RAFFLES CITY AT BAHRAIN BAY
❖ BAHRAIN FINANCIAL HARBOR	❖ REPLACEMENT OF SITRA BRIDGE
❖ BAHRAIN TRADE CENTRE	❖ REEF ISLAND
❖ CITY GARDEN	❖ YBA KANOO DEVELOPMENT TOWER AT DIPLOMATIC AREA



Sumesh Cherukatt
Geotechnical Engineer

PROFILE

A qualified civil & geotechnical engineer with demonstrable experience in civil & geotechnical engineering over 5 years encompassing the design office, site, and laboratory.

CONTACT ME



+973 - 38382528



sumeshcherukat@outlook.com

LANGUAGES

Malayalam



English



Hindi



SKILLS

MS Office



AutoCAD



Primavera (P6)



SNAP2



PUBLICATIONS

Sumesh C., and Jayasree P. K.,
"Development of coir fibre latex composite for use as a separator in flexible pavements," in *National Conference on Technological Trends*, College of Engineering Trivandrum, Kerala, India, Sept 2015

ACHIEVEMENTS

Patent Application 2016 - 2017
Have applied for patent of a geosynthetic non-woven composite, which can be used as a separator in flexible pavement.

REFERENCES

1. Asad Ullah Khan
Geotechnical Manager
QEL – Foreign Branch
asadqel@gmail.com
2. Manu S
Assistant Manager MEP
DLF Projects Ltd
(Southern Region, India)

PROFESSIONAL EXPERIENCE

QEL – Foreign Branch (Bahrain)

Geotechnical Engineer (QA/QC)

2016-Present

Responsibilities:

- Perform geotechnical analysis and study to assess construction site condition.
- Preparation of necessary method statements and technical specifications for construction projects.
- Plan and conduct geotechnical exploration effectively.
- Perform field investigation for construction projects.
- Interact with clients and team members to complete the assigned project on time.
- Supervised various insitu tests like permeability test, packer test, CPTU etc.
- Supervised various geophysical tests like cross-hole seismic test, electrical resistivity test and seismic refraction test (MASW) etc.
- Interpret geotechnical findings from the field and laboratory, perform appropriate calculations and prepare draft reports to manager.
- Preparation of geotechnical based technical presentations for clients.
- Supervised soil nailing and stabilization works, carried out its design (using SNAP software), zoning activities, project planning (using Primavera P6).
- Inspects construction work and ensures that all aspects of design are correctly implemented
- Supervised monitoring wells installation for GWT assessment.
- Monitors processes and results and ensure that they comply with relevant safety, legal, ethical and regulatory requirements.
- Key projects and clients are listed below:

- **KELLER BAHRAIN** - Bapco Modernization Programme
- **SEPCO EPC CORPORATION** - Al dur PHASE II independent water and power
- **JV WTE TECTON AZMEEL W.L.L** - Tubli STP Extension Phase 4
- **BECHTEL / ALBA** - Pot line 6 Expansion Project
- **ALBA** - Pot line 3, Failure investigation of grade slab
- **NASS CONTRACTING** - Pot line 6 Expansion Project
- **ALBA / GE & GAMA** - Power Station 5
- **NASS CONTRACTING** - Water tanks for Electricity & Water authority
- **AECOM** - Control Tower, Bahrain Airport
- **ITHMAAR DEVELOPMENT COMPANY** - Dilmunia Health Island

RDS projects Ltd.

Site Engineer

2012 -2013

Undertook the supervision of piling works, formwork and shuttering works of piers, quality control of concrete, concreting of piers, formwork and shuttering works of deck slab, concreting of deck slab and labour management.

DLF projects Ltd.

Junior Engineer

2011 -2012

Undertook document controlling and also performed the supervision of finishing works including time scheduling, inner and outer plastering, painting works, flooring (tile and granite laying), fitting (doors and windows) and labour management.

EDUCATION

College of Engineering Trivandrum

Masters in Technology (Geotechnical Engineering)

2013 -2015

Thesis: Development of coir fibre latex composite for use as a separator in flexible pavements
Cumulative GPA: 8.71/10.0

Govt. Engineering College, Thrissur

Bachelors in Technology (Civil Engineering)

2006 -2010

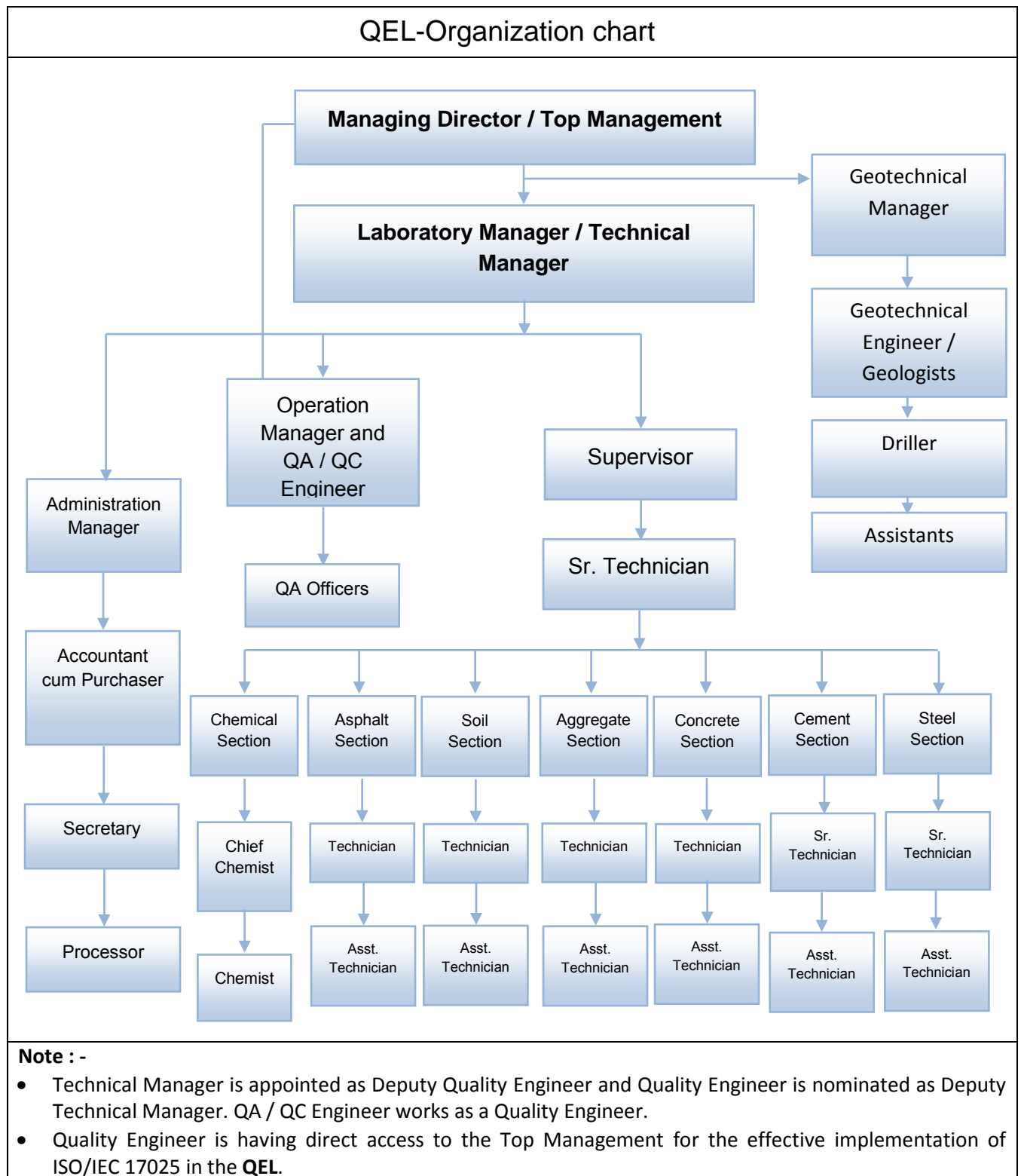
Project: Functional planning and design of a residence using green building concept

Percentage: 61.5%



PRE-QUALIFICATION DOC.

Organization Chart





PRE-QUALIFICATION DOC.

Services (Main field of Activities)

GEOTECHNICAL & MATERIAL



1. **GEO TECHNICAL SERVICES**

- Site Investigations (Both On – Shore & Offshore)
- Plate Load Testing
- Zone Testing
- Topographic & Bathymetric Survey

2. **MATERIALS CONSULTANCY**

QUARRY INVESTIGATIONS

- Experienced Geologist and Engineers are available who are capable of evaluating the potential new sources and assessment of the existing quarries.

AGGREGATE EVALUATION

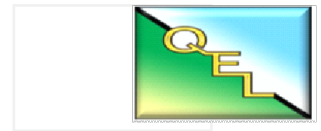
- Expert opinion can be provided on the type of the aggregate, suitability of the aggregate for its intended usage etc.

MATERIALS FAILURE INVESTIGATION

- Detailed investigations can be undertaken to establish the cause / causes of material failure or deterioration or other distress. Moreover if found to be necessary detailed test programme can be prepared and implemented, results analyzed to arrive at the fruit cause of the problems and to suggest remedial measures.

BUILDING CONDITION SURVEY

- Condition survey of the existing structures can be undertaken by performing various tests for insurance purpose, structural evaluation, fire damage assessment, deterioration assessment etc.



3. SPECIALISED TESTINGS

3.1 Three Arm Caliper Logging

: Equipped with Three Arm Caliper logger, we do borehole diameter profile; report on borehole condition and stability, volume calculation etc. for boreholes up to 1500 mm dia.

3.2 Static Pile Compressive Load Testing :

We have the expertise and equipment for conducting Static Pile Compressive Testing on both Instrumented and Non-instrumented piles. Tests done generally as per BS, ASTM& ICE,

3.3 Tension Pile Load Testing

: Our experienced geotechnical team conducts Static Axial Tensile Load Test. The test establishes adequacy of a pile or pile system for a specific foundation. Testing is generally done as per BS, ASTM & ICE

3.4 Sonic pile testing (PIT)

: Integrity testing of precast and cast in-situ concrete Piles using Seismic echo technique.

3.5 Dynamic Pile Testing (PDA)

: Analysis of pile and hammer parameters by measurements taken during driving, with predictions of Pile bearing capacity.

3.6 Geophysical testing

: Seismic refraction, cross-hole sonic logging. Electrical resistivity, thermal conductivity, Microgravity survey, electromagnetic inductive Conductivity measurements, vertical magnetic Gradient surveys, ground probing radar and high speed pavement radar.

4. CHEMICAL LAB SERVICES

Available Experienced and highly qualified team for chemical analysis of any type of material including Soil, Aggregate, Concrete, Cement, Microsilica, PFA, Water & Waste Water to suit the client's requirements.

5. SOIL

Classification Tests



Compaction Testing

Maximum and minimum dry densities of granular soil
Determination of dry density / moisture content relationship (Proctor compaction using 2.5 Kg and 4.5 Kg or vibrating rammers)
California Bearing Ratio (CBR), soaked or unsoaked
In -situ density (nuclear and sand replacement)

Strength Testing

Unconfined compressive strength
Triaxial Compression Test (consolidated / unconsolidated, drained / undrained, with or without pore pressure measurement)
Shear strength by direct shear box apparatus (60x60mm and 300x300mm samples)

Settlement / Permeability Testing

One-dimensional consolidation properties
Swelling characteristic
Permeability (constant and falling head)

6. ROCK TESTING

Uniaxial compressive strength
Deformability of rock core (Young's modulus and Poisson's ratio)
Indirect tensile strength of intact rock core specimens
Point load strength
Triaxial testing
Slake durability index
Compression and shear wave velocities
Moh's Scratch Hardness
Petrographic Examination
Rock Grading
Drop Breakage index tests for rock armour
Length to thickness ratio test for rock armour



7. AGGREGATES

Moisture content
Unit weight and voids
Sieve analysis of fine and coarse aggregates
Clay lumps and friable particles
Specific gravity (particle density)
Water absorption
Flakiness index
Elongation index
Sand equivalent value
Lightweight particles
Aggregate crushing value (ACV)
Ten per cent fines value (TFV)
Aggregate impact value (AIV)
Resistance to degradation by Los Angeles Abrasion
Potential alkali-silica reactivity (Chemical method, mortar bar method, Petrographic Examination)
Soundness (sodium sulfate or magnesium sulfate)
Shell content
Organic matter content
Chemical analysis (including sulfate and chloride contents)
Petrographic examination
Drying shrinkage characteristics

8. CEMENT

Initial and final setting time
Fineness
Soundness
Heat of hydration
Compressive strength
Chemical analysis
Alkali content

9. PFA and Micro silica full testing to BSEN/ASTM standard.

10 GRG COMPOSITE

Flexural Strength
Impact Resistance
Hardness
Coeff. of linear thermal expansion
Humidified deflection
Surface burning characteristic
Behavior at 750°C
Nail Pull resistance



11. FRESH CONCRETE

Mix design
Temperature monitoring
Slump test
Compacting factor
Air content
Bleeding
Density
Cement content
Aggregate content
Water content
Chemical analysis

12 HARDENED CONCRETE

- Strength Testing (compressive, Tensile, flexural) Cubes, cylinders and cores, Precast units (Blocks, bricks, flags, kerbs, edgings, terrazotiles and quadrants)
- Durability studies
- Water absorption
- Initial surface absorption (ISAT)
- Water permeability (DIN)
- Porosity (RILEM)
- Rapid determination of chloride ion permeability
- Building Investigations
- Concrete coring, with or without compressive strength
- Concrete dust sampling
- Chemical analysis (including sulfate and chloride contents)
- Bond Strength (concrete, mortar)
- Surface hardness using rebound hammer
- Hammer sounding surveys
- Carbonation depth surveys
- Cover meter depth to reinforcement surveys
- Half cell potential surveys (reinforcement corrosion potential)
- Ultrasonic pulse velocity measurements (PUNDIT), concrete quality, crack and void detection
- Crack monitoring and investigation
- Radar surveys



13 CERAMIC & STONE TILES

Bond strength (pull-off test)
Dimension
Flatness, straightness of sides, rectangularity
Water absorption / Porosity
Modulus of rupture / Flexural strength
Compressive strength
Moh's scratch hardness
Resistance to thermal shock
Chemical resistance
Abrasion resistance

14 STEEL

Tensile, yield and Elongation
Bend and Rebend
Chemical analysis
Epoxy coating thickness
Welder and Welding Procedure qualification tests to ASME IX and AWS

15 ASPHALT

Marshall Stability
Binder content / mix analysis
Bulk density
Theoretical maximum specific gravity
Air voids
Coring

16. Thermoplastic Road marking material
Composition and physical properties to BS and EN

17. NDT

Radiography
DP
MPI
UT



PRE-QUALIFICATION DOC.

BATHYMETRIC SURVEY



Bathymetric survey-General Method Statement

Positioning System:

DGPS System will be calibrated at site using “Control Point” provided by the Ministry of Housing, Survey Directorate (both Vertical and Horizontal).

Soundings:

Soundings will be recorded using echo-sounder which is barcheck calibrated within the survey area.

Tidal Measurement

Automatic Tide gauge will be installed to sea bottom for continuous monitoring of Tide during the Survey Period.

Data Logging:

The Echo Sounder will be interfaced with the Computer navigation and position fixing system so that logging of depth and position occurs simultaneously.

Mapping and Reporting

- (a) Plan drawing of the bathymetric survey will be prepared using Auto CAD version on 1:1000 Scale. Levels will be reduced to Bahrain National Survey Datum (NSD) and Admiralty Chart Datum (CD)
- (b) Actual Data will be presented in a tabular ASCII form with Horizontal and Vertical Readings. Horizontal grid will be based on Bahrain National Survey Datum (AIN AL ABD 1970 DATUM UTM ZONE 39) and the Vertical w.r.t NSD and CD.

Photographs

Typical Photographs taken during the Survey carried out in one of the previous projects is attached.



LIST OF MAIN EQUIPMENT S

- ECHO SOUNDER
- DGPS
- AUTOMATE TIDE GAUGE

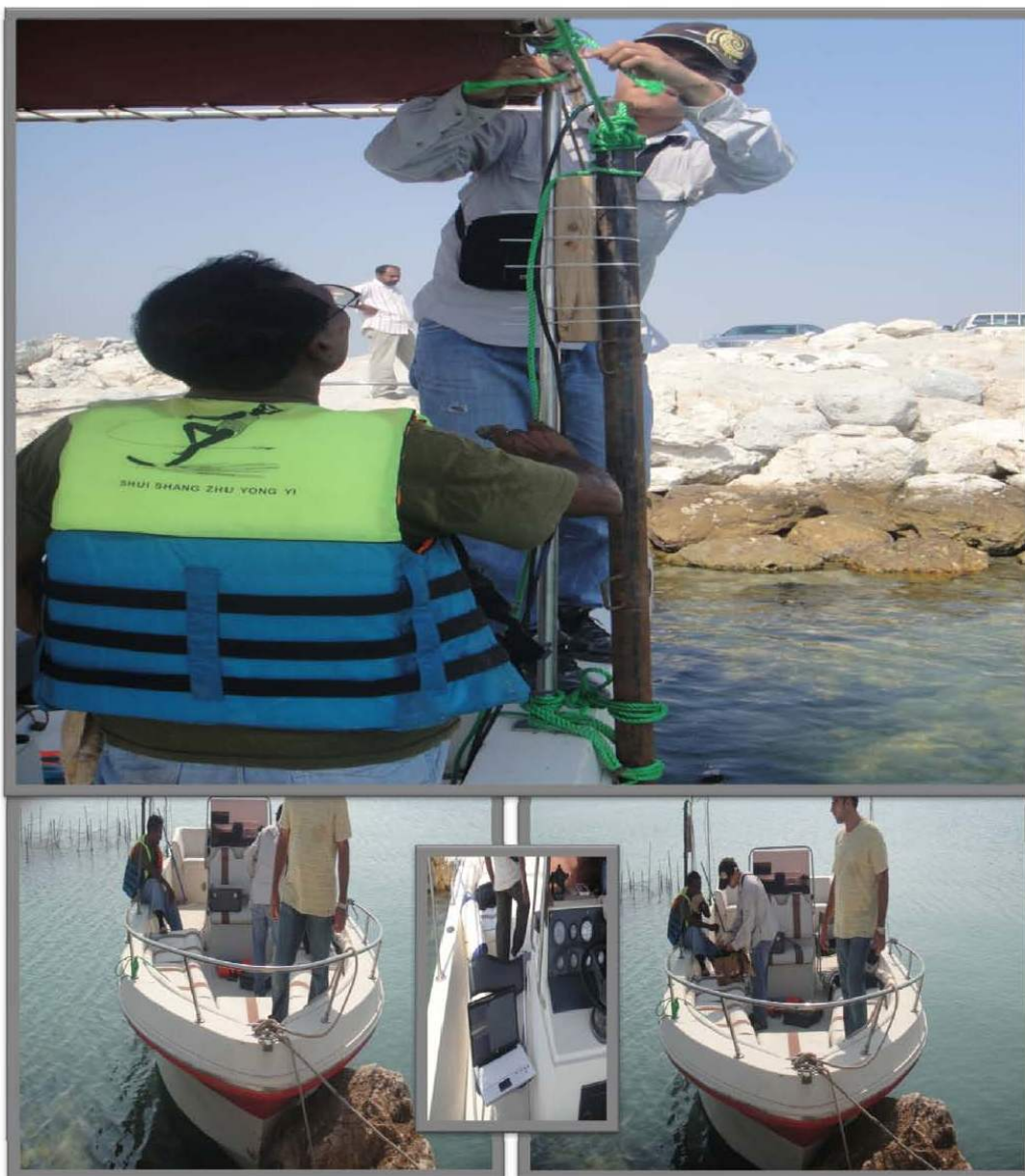
ECOSOUNDER



WORK IN PROGRESS



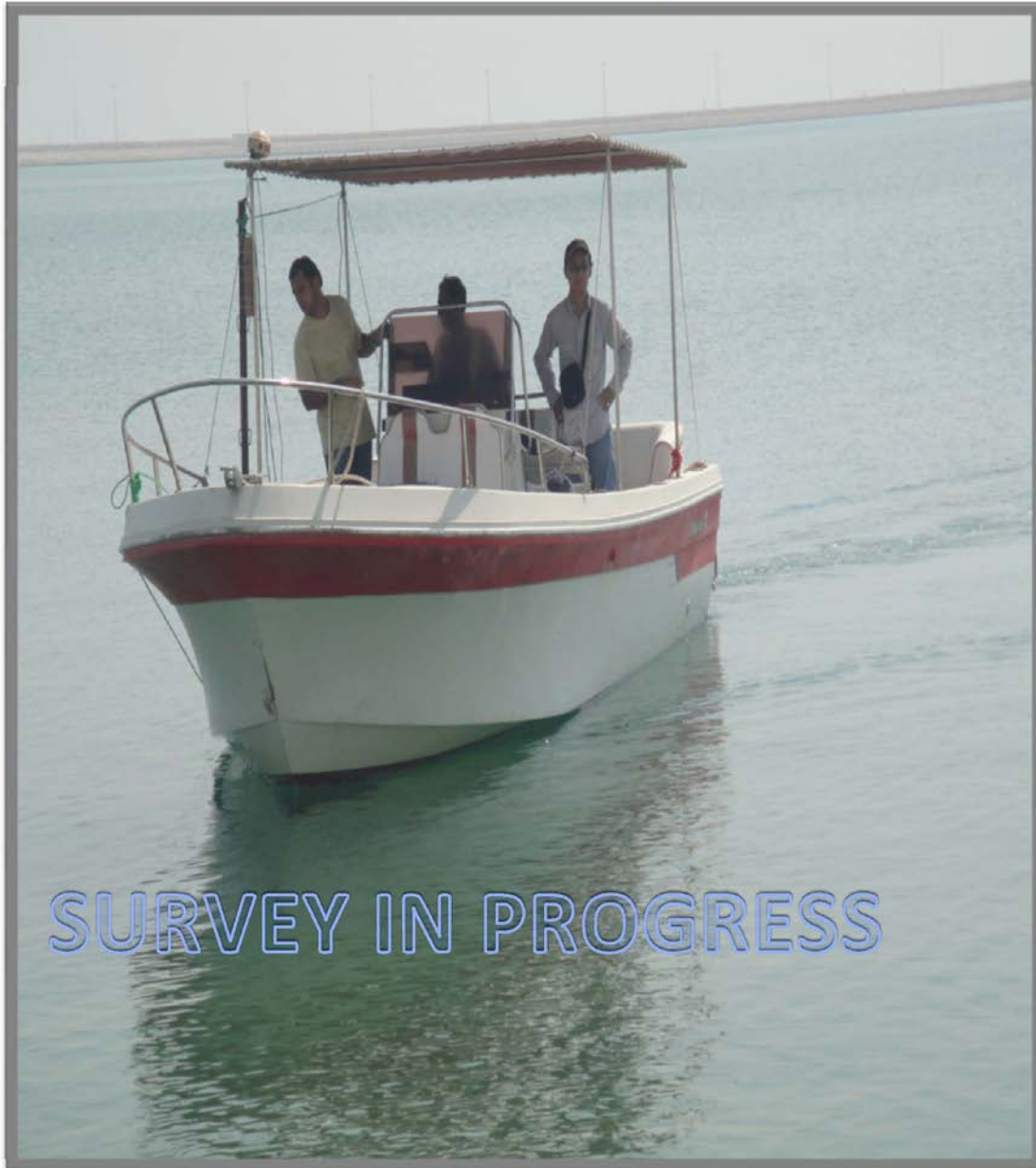
FIXING OF ECOSOUNDER TO SURVEY VESSEL



WORK IN PROGRAS



SURVEY IN PROGRESS

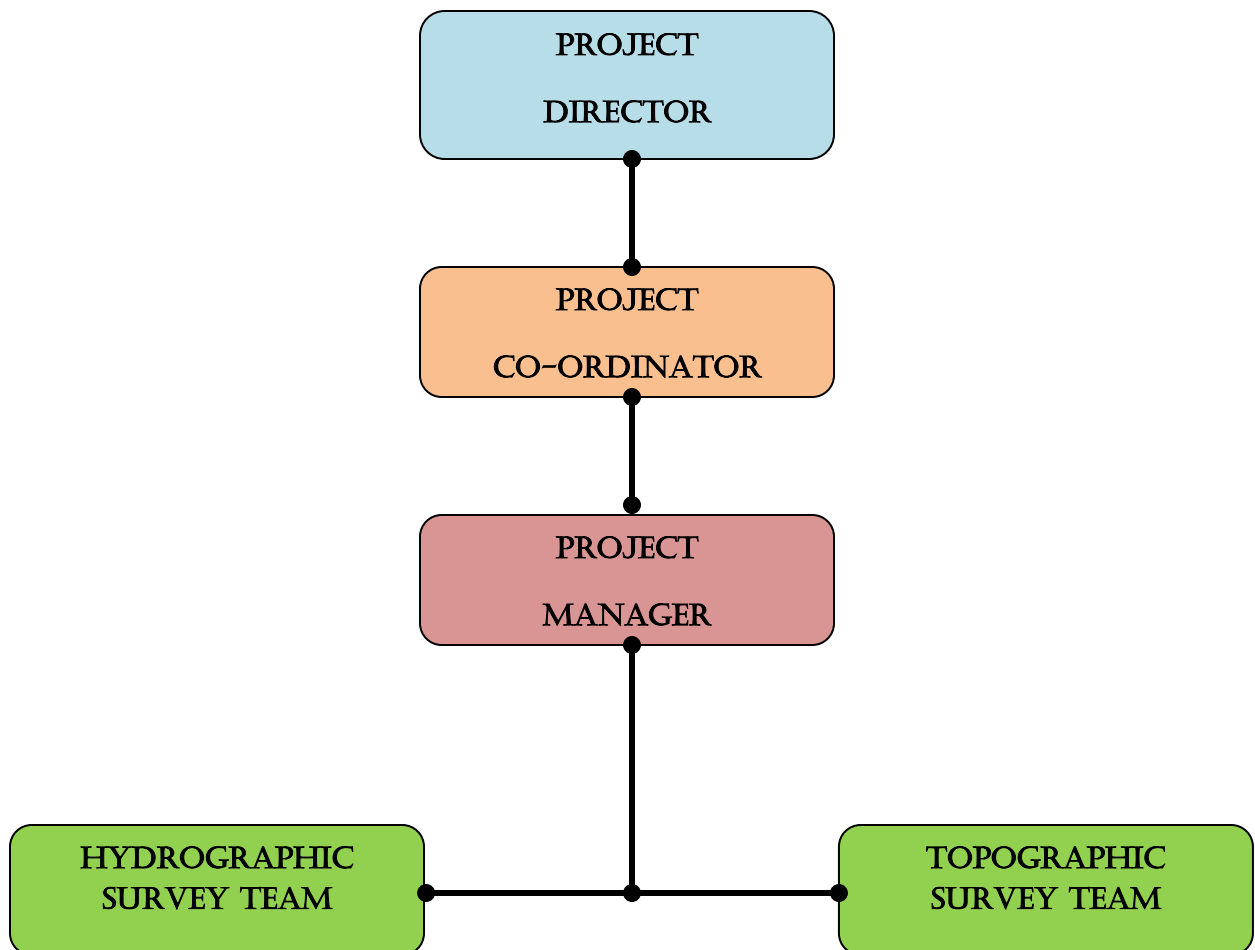


SURVEY IN PROGRESS



QEL- ORGANIZATION CHART

SURVEY





PRE-QUALIFICATION DOC.

Equipment list

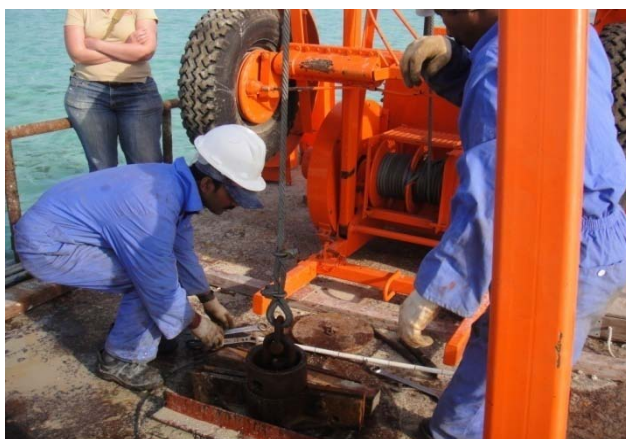
LIST OF EQUIPMENT FOR GEO TECHNICAL INVESTIGATION

Make /Model ➡	DANDO Mk2	Unit /Qty ➡	2 Units
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Dando 2000 investigator MK2 Drilling Rig With rotary attachment with all accessories like shell and auger tools casing equipments, standard penetration testing equipment, U4 sampling tubes Shelby etc.

GENERAL SPECIFICATIONS

Engine Power	18 hp (13kW) @ 1800 rpm
Winch (Single Line Pull)	2000 kgf
Drilling Depths and Diameters	6 inch to 250ft (150mm) (75m) 15 inch to 150ft (380mm) (45m)
Derrick Working Height under sheaves	5.2m
Overall Height derrick erected	6.65m
Derrick loading	6000kg
Travelling Dimensions - length	7.5m



OFFSHORE INVESTIGATION IN BAHRAIN – QATAR BAHRAIN CAUSEWAY PROJECT

Make /Model ➡

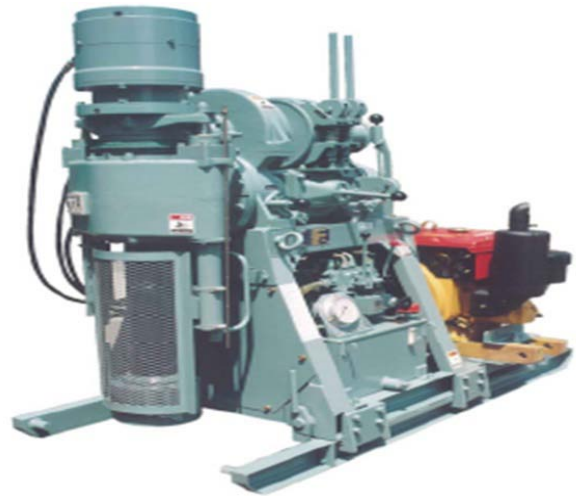
TOHO

Unit /Qty ➡






2 Units

TOHO Boring Machine Model D2k92-p2 With all accessories

SPECIFICATIONS	D2-K92P2
DRILLING CAPACITY	*Depth 250 m/BW, 200 m/NW, 110 m/HW
SWIVEL HEAD	
Type	Twin cylinder, Oil-hydraulic feed system, Spindle type
Angle Range	360°
Operation Side	**(A) Right (B) Left
I.D pf Spindle	92mm
Stroke of Spindle	500mm
Revolving Speed of Spindle	60 : 180 : 355 Reverse- 65 rpm
Max. Spindle Torque	1.18kN-m (120 kgf-m)
Max. Thrust Capacity	21.5kN (2200kgf) at Oil-hydraulic pressure 7.4MPa (75kg/cm ²)
Max. Balance Capacity	28.8kN (2900kgf) at Oil-hydraulic pressure 7.4MPa(75kg/cm ²)
Pod Chuck	Manual, Three(3) jaw type ***Oil-hydraulic four(4) jaw type
Main Clutch	Single plate, dry disc type
Transmission	Sliding gear, Three(3) speed and the reverse one(1) speed



ONLAND INVESTIGATION - HIDD BAHRAIN

Dynamic Cone Penetro meter with all accessories	
In-Situ CBR Equipment With all accessories	
Plate bearing test equipment with all accessories including dial gauges, datum bars, square and circular plates of various diameters etc	
Load frame and calibrated hydraulic jacks up to 1000 ton (10000kN) Capacity for zone testing, pile load testing etc.	 
Electrical Resistivity unit	
Thermal Resistivity Testing unit	



Major completed & On-going projects

BATHYMETRIC SURVEY
GEOTECHNICAL SERVICE &
MATERIAL TESTING



QEL - BAHRAIN BATHYMETRIC SURVEY PROJECT LIST

CLIENT	PROJECTS	LOCATION
ARABIAN SUGAR CO.	BATHYMETRIC SURVEY FOR THE JETTY AT BIIP, HIDD,	HIDD
AL NAMAL CONSTRUCTION CO.	BATHYMETRIC SURVEY FOR THE JETTY AT HIDD,	HIDD
FINE FOODS	BATHYMETRIC SURVEY @ MINASALMAN	MINASALMAN
AL JAZEERA SHIPPING CO.	BATHYMETRIC SURVEY @ MINASALMAN	MINASALMAN
AL JAZEERA SHIPPING CO.	- JETTY @ MINASALMAN	MINASALMAN
AL JAZEERA SHIPPING CO.	BATHYMETRIC SURVEY OF JETTY AT MINASALMAN PLOT 16 -03 -0002	MINASALMAN
FINE FOODS	BATHYMETRIC SURVEY OF JETTY AT MINASALMAN PLOT 16-03-0025	MINASALMAN
NASS CONTRACTING CO.	BATHYMETRIC SURVEY @ JIDDAH ISLAND	JIDDAH ISLAND
MESAIEED POWER PLANT	UM SAEED QATAR	QATAR
G.P.ZACHARIADES OVERSEAS LTD.	BATHYMETRIC SURVEY @ JIDDAH ISLAND	JIDDAH ISLAND
CHINA HARBOUR	PIPELINE -OFFSHORE SURVEY (NEW PORT)	QATAR
AL JAZEERA SHIPPING CO.	BATHYMETRIC SURVEY AT NR.SITRA IND.AREA	SITRA
KOOHEJI CONTRACTORS	BATHYMETRIC SURVEY OF JETTY @ RAS WZAYAID	RAS WZAYAID
AL WARDI MARINE SERVICE	BATHYMETRIC SURVEY AT HIDD JETTY (HD SD 5) LICENSE NO. POL014	HIDD



GEOTECHNICAL DEPARTMENT LIST OF COMPLETED AND ONGOING PROJECTS

SL.NO.	CLIENT	PROJECT
1	ITHMAAR DEVELOPMENT	DILMUNIA HEALTH ISLAND PHASE 1
2	ITHMAAR DEVELOPMENT	DILMUNIA HEALTH ISLAND PHASE 2
3	HASSAN JUMA BACKER TRADING	QATAR - (QEL)
4	ITHMAAR DEVELOPMENT	BAHRAIN AFFORDABLE HOUSING PPP AT SOUTH BUHAIR
5	ATKINS	COMMENT ONLY
6	ARABIAN SUGAR CO.	BATHYMETRIC SURVEY FOR THE JETTY AT BIIP, HIDD,
7	ITHMAAR DEVELOPMENT	NORTH BAHRAIN NEW TOWN SOCIAL HOUSING (PPP) NBNT
8	H Q CONSTRUCTION CO.	PROPOSED 4 STAR HOTELON PLOT # 03043125 AT JUFFAIR
9	MIT @ DOC	SURVEY OF VOLUME OF MATERIAL IN THE STOCK PILE @ REEF ISLAND
10	MIT @ DOC	FASHT AL ADHM - INVESTIGATION ALONG THE PROPOSED CHANNEL ROUTE
11	AL NAMAL CONSTRUCTION CO.	BATHYMETRIC SURVEY FOR THE JETTY AT HIDD
12	AL KOOHEJI ELECTRICALS	66 KV S/S @ SAKHIR AIR BASE - MEASURMENT OF EARTH ELECTRICAL RESISITIVITY - EARTHING STUDY
13	PANORAMA CONTRACTING AND ENG.SERV.	SOIL INV. ELECTRICITY AND WATER AUTHORITY PROJECT DIRECTORATE WATER SUPPLY FAC. @ SAMAHIJ BL.& PUMPING STN.
14	AL HANDASAH CENTRE	SOIL INV. FOR THE PROPOSED 3 STOREY BNH CAR SHOP @ SALMABAD
15	ZAHID MODERN PROPERTY	SOIL INV. PROPOSED MULTI STOREY BLDG. AT JUFFAIR - MODERN TOWER
16	FINE FOODS	BATHYMETRIC SURVEY @ MINASALMAN
17	AL JAZEERA SHIPPING CO.	BATHYMETRIC SURVEY @ MINASALMAN
18	AL HEDAYA -	PROPOSED SHOPS & APARTMENTS @ SUGAYYA
19	AL JAZEERA SHIPPING CO.	SOIL INV. - JETTY @ MINASALMAN
20	AL JAZEERA SHIPPING CO.	BATHYMETRIC SURVEY OF JETTY AT MINASALMAN PLOT 16 -03 -0002
21	FINE FOODS	BATHYMETRIC SURVEY OF JETTY AT MINASALMAN PLOT 16-03-0025
22	DOWN TOWN CONSTRUCTION	DIVERSION OF WATER TRANSMISSION PIPE LINE ON AL' FATEH HWY & KING FAISAL HWY @ NR.MANAMA CAUSEWAY
23	NASS CONTRACTING CO.	BATHYMETRIC SURVEY @ JIDDAH ISLAND
24	NASS CONTRACTING CO.	SOIL INV. @ PROPOSED CONSTRUCTION OF JETTY @ JIDDAH ISLAND
25	G.P.ZACHARIADES OVERSEAS LTD.	BATHYMETRIC SURVEY @ JIDDAH ISLAND
26	G.P.ZACHARIADES OVERSEAS LTD.	SOIL INV. @ PROPOSED CONSTRUCTION OF JETTY @ JIDDAH ISLAND
27	AL JAZEERA SHIPPING CO.	BATHYMETRIC SURVEY AT NR.SITRA IND.AREA
28	KOOHEJI CONTRACTORS	BATHYMETRIC SURVEY OF JETTY @ RAS WZAYAI
29	ERA PROJECTS (TAHERA MAHMOOD ABBAS)	PROPOSED 12 STOREY BLD. AT EXHIBITION RD.HOORA - SOIL INV.
30	SAMSUNG ENGINEERING	MUHARRAQ STP & FLOW CONVEYANCE - SOIL INV.
31	SAMSUNG ENGINEERING	MUHARRAQ STP & FLOW CONVEYANCE - SOIL INV.- DEEP BH
32	NASS CONTRACTING CO.	ASRY QUAY WALL INFRASTRUCTURE CONTRACT
33	PANORAMA CONTRACTING AND ENG.SERV.	WATER SUPPLY FACILITIES AT AL AREEN - COMMENT ON DESIGN
34	DOWN TOWN CONSTRUCTION	WATER SUPPLY FACILITIES AT AL AREEN AND AL SALMAN DEV.AT HAMAD TOWNCOMMENT ON THE CONSTRUCTION OF CHAMBERS AT THE SITE(COMMENT ONLY)
35	NASS CONTRACTING CO.	ASRY QUAY WALL INFRASTRUCTURE CONTRACT - SOIL INV.
36	AREF SADEQ DESIGN CONSULTANTS	PROPOSED HEAD OFFICE AND DISTRIBUTION FACILITY - SOIL INV.
37	DESIGN HOUSE	NEW BUILDING PROJECTS AT AL DAH IN SEEF DIST
38	AL HANDASAH CENTRE	PROPOSED 7 STOREY BUILDING AT HIDD
39	NASS CONTRACTING CO.	ASRY INFRASTRUCTURE DEVELOPMENT – GANTRY -01 - SOIL INV.
40	PANORAMA CONTRACTING AND ENG.SERV.	WATER TRANSMISSION DEVELOPMENT PROJECT 2009-2012 - COMMENT ON THE DESIGN OF TANK FOUNDATION(COMMENT ONLY)



GEOTECHNICAL DEPARTMENT LIST OF COMPLETED AND ONGOING PROJECTS

SL.NO.	CLIENT	PROJECT
41	KINGDOM PROJECTS (MANARA)	PROP.HOUSING DEV. AT HAMALA - JANAYIN AL HAMALA SURVEY AND STUDIES
42	UNIVERSITY OF BAHRAIN	NEW ENGINEERING CAMPUS - SOIL INV.
43	PANORAMA CONTRACTING AND ENG.SERV.	NEW AL DUR FORWARDING STN. SOIL INV.
44	WAHAT AL MUHARRAQ (MANARA REAL)	WAHAT AL MUHARRQ PHASE 2- NR. GALALI 180 NOS.3 STOREY VILLAS
45	PANORAMA CONTRACTING AND ENG.SERV.	WATER TRANSMISSION DEVELOPMENT PROJECT (2009- 2012)COMMENT ONLY
46	PANORAMA CONTRACTING AND ENG.SERV.	PROJECT AT RIFFA
47	URBAN VISION	BO - QUAH
48	PANORAMA CONTRACTING AND ENG.SERV.	DRILLING OF EARTH HOLE
49	CHINESE EMBASSY	PROPOSED EMBASSY BLDG. FOR THE PEOPLE'S REP.OF CHINA - BAHRAIN @ SEEF
50	AL KOOHEJI ELECTRICAL CONTRACTORS	DRILLING OF DEEP BH AT S/S SAKHIR
51	DOWN TOWN CONSTRUCTION	WATER SUPPLY FACILITIES AT AL AREEN AND AL SALMAN DEV.AT HAMAD TOWN BL. & DISTRIBUTION STNS.
52	H.E.SH.MOHAMMED BIN ISA BIN SALMAN AL KHALIFA/ RIYADH AL ARRAYED ENG'G	PROPOSED SHOWROOM @ TUBLI
53	NASS CONTRACTING CO.	BASREC FACILITIES EXPANSION PROJECT - BATHYMETRIC SURVEY
54	AL WARDI MARINE SERVICE	BATHYMETRIC SURVEY AT HIDD JETTY (HD SD 5) LICENSE NO. POL014
55	DR.MUSTAFA ALI MOHAMED AL SAYED	COMMERCIAL BUILDING AT WEST RIFFA - SOIL INVESTIGATION
56	KINGDOM PROJECTS W.L.L	PROPOSED HAMALA MALL - SOIL INVESTIGATION
57	MAZEN ALUMRUN (MACE)	PROPOSED SERVICE STATION AT ASKER - SOIL INVESTIGATION
58	MAZEN ALUMRUN (MACE)	PROPOSED INFINITY SHOWROOM FOR M/S Y.K ALMOAYYED & SONS AT SITRA - SOIL INVESTIGATION
59	AL HASSANIAN CO.BSC	SOIL INVESTIGATION(CANCELLED)
60	IMPLENIA CONSTRUCTION LTD	MUHARRAQ SEWAGE TREATMENT PLANT AND FLOW CONVEYANCE
61	MINISTRY OF WORKS / DAR AL HANDASAH	C53700, PRE-CONTRACT CONSULTANCY SERVICES FOR HAMAD TOWN – TUBLI WPCC TRUNK SEWER GROUND INVESTIGATION
62	ISMAIL KHONJI ASSOCIATES CONSULTING ENGINEERS,	REFURBISHMENT OF MR. FOUAD EBRAHIM KANOO VILLA AT BURHAMA
63	MINISTRY OF HOUSING	NBNT: AL MEDINA AL SHAMALIYA – ISLAND 14 FOUNDATION DESIGN COMMENT ONLY
64	MINISTRY OF HOUSING / AL HASSANAIN CO	NBNT: AL MEDINA AL SHAMALIYA – ISLAND 14
65	ABDUL HADI AL AFOO	MALKIYA,CANCELLED
66	NASS CONTRACTING W.L.L	ASRY BASIN PROJECT INFRA STRUCTURE CONTRACT LIGHT MAST NO. 18
67	GREAT LAKES DREDGE & DOCK CO	BDF NAVAL BASE - HIDD
68	MINISTRY OF HOUSING /AL DOOR EXCAVATION AND BUILDING CONTRACTING CO. S.P.C	PROPOSED APARTMENTS AND VILLAS AT SALMABAD
69	PANORAMA CONTRACTING AND ENG.SERV.	WATER TRANSMISSION DEVELOPMENT PROJECT (2009 – 2012) WATER STATIONS ELEVATED SERVICE RESERVOIRS
70	SAMSUNG ENGINEERING CO. LTD	FILL MATERIAL QUALITY INVESTIGATION OF THE PLOT AT HIDD
71	MOH-DAR AL-BAHRAIN	BORE HOLES
72	PANORAMA CONTRACTING AND ENG.SERV.	CAVITY SURVEY
73	MOTT MACDONALD LIMITED (1 -5)	G-1072-TUBLI - BOLCK 711 & ROAD 1135 ENVIRON
74	MOTT MACDONALD LIMITED (6)	ABU SHAHEEN AND DEEBLE AVENU
75	MOTT MACDONALD LIMITED (7)	NOON AVENUE RIFFA
76	MOTT MACDONALD LIMITED (8)	REHABILITATION OF MUHARRAQ GOVERNORATE
77	MOTT MACDONALD LIMITED (9)	NORTHERN GOVERNORATE
78	MOTT MACDONALD LIMITED (10)	BAGHDAD AVENUE,ISA TOWN FROM AMMAN AVENUE
79	MOTT MACDONALD LIMITED (11)	IMPROVEMENT OF ZAID BIN OMERA HIGHWAY PHASE (5A)
80	MOTT MACDONALD LIMITED (12)	SH. SALMAN HIGHWAY SECTION 2 FROM A'ALI TO RIFFA AVENUE
81	MOTT MACDONALD LIMITED (13)	MUHARRAQ AVENUE FROM ISA TOWN STADIUM TO RIFFA AVENUE



GEOTECHNICAL DEPARTMENT LIST OF COMPLETED AND ONGOING PROJECTS

SL.NO.	CLIENT	PROJECT
82	MOTT MACDONALD LIMITED (14)	RIFFA AVENUE FROM SH.SALMAN HIGHWAY TO MUASKAR HIGHWAY
83	MOTT MACDONALD LIMITED (15)	AMMAN AVENUE, AL QUDS AVENUE & MUSCAT AVENUE (FROM SH SALMAN HIGHWAY TO AVENUE 3)
84	MOTT MACDONALD LIMITED (16)	SHAIKH HAMOOD BIN SUBAH AVENUE
85	MOTT MACDONALD LIMITED (17)	IMPROVEMENT OF ROADS IN RIFFA BLOCKS 909
86	MOTT MACDONALD LIMITED (18)	IMPROVEMENTS OF NABIH SALEH AVENUE AND AVENUE 82
87	PANORAMA CONTRACTING AND ENG.SERV.	CONSTRUCT WATER TRANSMISSION PIPELINE FROM MINA SALMAN TO SALMABAD FS WITH BRANCH TO BUQUWAH DS (PACKAGE P3)
88	ITHMAAR DEVELOPMENT CO.	SEA VILLAS @ DILMUNIA HEALTH ISLAND
89	DOWN TOWN CONSTRUCTION	SOIL INVESTIGATION
90	AL MOAYYED CONTRACTING	REPORT ON GROUND INVESTIGATION 7 NOS OF RESIDENTIAL APARTMENTS TYPE -AL AT POLICE FORT, MANAMA, KINGDOM OF BAHRAIN
91	KOOHEJI CONTRACTORS	11 STORY APPARTMENT BUILDING @AMWAJ
92	MS. SAWSAN MAHMOOD TAQI RIDHA	VILLA AT AMWAJ-PLOT NO. 2020, AMWAJ ISLAND
93	ANSARI ENGINEERING SERVICES	PROPOSED DEVELOPMENT OF RESORT AND RESIDENTIAL AREA (AL NAKHEEL)
94	OMRANIA ASSOCIATES	AL GOSAIBI OFFICE BUILDING,HOORA
95	PANORAMA CONTRACTING AND ENG.SERV.	CAPPING OF WATER WELL
96	PANORAMA CONTRACTING AND ENG.SERV.	COMMENT ON DESIGN RECOMMENDATION OF WATER TANK
97	FUTURE ENGINEERING	SOIL INVESTIGATION -MULTY STOREY BUILDING
98	PANORAMA CONTRACTING AND ENG.SERV.	SOIL INVESTIGATION
99	AL KOOHEJI ELECTRICAL CONTRACTORS	NORTH MANAMA CAUSEWAY
100	MOHAMED SALAHUDEEN (MSCB)	ZAYANI SHOW ROOM
101	SAMSUNG ENGINEERING CO. LTD	MUHARAQ STP-AREA SETTLEMENT,SHAFT 8,9,12
102	MWH KHONJI	AMAS SEWAGE TREATMENT PLANT
103	ITHMAAR DEVELOPMENT CO.	DILMUNIA SEA VILLAS -CONSULTANY SERVICE FOR GROUND IMPROVEMENT-
104	AL HEDAYA -	5-STOREY BUILDING AT SUGAYYA
105	GREAT LAKES DREDGE & DOCK CO	ZONE LOAD TEST
106	GREAT LAKES DREDGE & DOCK CO	ZONE LOAD TEST
107	M.T.MATHEW	MULTI-PURPOSE HALL &5-STOREY BUILDING
108	SAMSUNG ENGG	SHAFT 34,35&36
109	PANORAMA CONTRACTING AND ENG.SERV.	PROOF DRILLING AND CAVITY SURVEY
110	DHEYATAWFEEQI	SOIL INVESTIGATION-AIR PORT
111	MSCEB-MOHAMED SALAHUDDIN CONSULTING ENGINEERING BUREAU	SOIL INVESTIGATION-UMM AL HASSAM
112	PANORAMA CONTRACTING AND ENG.SERV.	ADDUR EATH HOLE DRILLING
113	PANORAMA CONTRACTING AND ENG.SERV.	ESR @HAMALA-
114	PANORAMA CONTRACTING AND ENG.SERV.	ESR @HAMALA-
115	PANORAMA CONTRACTING AND ENG.SERV.	PIPELINE ADDUR TO ALAREEN
116	POULLAIDES CONSTRUCTION COMPANY	EARTH HOLE DRILLING
117	DADABHAI CONSTRUCTION	2 BOREHOLES ALUMINUM FACTORY
118	JASCO	SEWERAGE SCHEME
119	ALLIANCE PROJECTS	HOUSING PROJECT AT SHELA
120	MSCEB-MOHAMED SALAHUDDIN CONSULTING ENGINEERING BUREAU	HOUSING DEPARTMENT AT UM AL HASSAM
121	AL HEDAYA -	NEW ADMINISTRATION OFFICE BUILDING FOR COUNCIL OF REPRESENTATIVES AT GUDABIYA
122	PANORAMA CONTRACTING AND ENG.SERV.	CAVITY SURVEY
123	AL HASSANIAN CO.BSC	SOIL INVESTIGATION AT DURRAT AL BAHRAIN
124	ANSARI ENGG	SITE AT ARAD
125	DADABHAI CONSTRUCTION	SHOPPING COMPLEX AT AL AHLI CLUB
126	ANSARI ENGG	AL NAKHEEL
127	ITHMAAR	PPP PROJECT AT LUWZI
128	ITHMAAR	SEA VILLAS @ BAHRAIN
129	PANORAMA CONTRACTING AND ENG.SERV.	WATER TRANSMISSION D.PROJECT



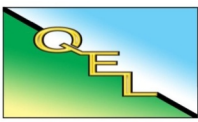
GEOTECHNICAL DEPARTMENT LIST OF COMPLETED AND ONGOING PROJECTS

SL.NO.	CLIENT	PROJECT
130	ITHMAAR	SEA VILLAS @ BAHRAIN
131	PANORAMA CONTRACTING AND ENG.SERV.	NEW AL DUR FS,20MG STORAGE TANK AND MODIFICATION WORKS AT WEST RIFFA II BS AND REFINERY DS
132	M/S ALUMINIUM BAHRAIN B. S.C. (ALBA)	ALBA POTLINE 6 AND POWER STATION 5 PROJECTS (43032.80 USD)
133	ITHMAAR	PPP PROJECT AT AMAS AREA
134	AL KOOHEJI ELECTRICALS	EWA PIPE LINE DIRECTION PHASE - 2
135	AL DOOR EXCAVATION	PROPOSED 9 NOS. APARTMENTS BUILDING
136	ESKAN BANK	EL ISTIQLAL RESIDENTIAL PROJECT
137	D.G.JONES & PARTNERS	DEVELOPMENT AT SEEF
138	PANORAMA CONTRACTING AND ENG.SERV.	REPORT ON GROUND INVESTIGATION (COMMENT)
139	H Q CONSTRUCTION CO.	BAISAN CARPARK
140	CEBARCO	BUSAITEEN DEVELOPMENT
141	ITHMAAR	DILMUNIA SEA VILLAS LAND FILLING
142	ITHMAAR	SOUTH RESIDENTIAL DEVELOPMENT
143	MSCEB-MOHAMED SALAHUDDIN CONSULTING ENGINEERING BUREAU	RESIDENTIAL BUILDING @ AMWAJ ISLAND
144	SAMSUNG	GEOTECHNICAL INVESTIGATION - POST SURVEY @ HIDD
145	G P ZACHARIADES	KING FAHED CANEE WAY OBSERVATION TOWER - BAHRAIN SIDE & SAUDI SIDE
146	BAISAN DEVELOPMENT (H Q CONSTRUCTION)	BAISAN JUFFAIR HOTEL
147	AL HASSANIAN CO.BSC	NABI SALEH SEWERAGE & DRAINAGE COMMENT
148	PANORAMA CONTRACTING AND ENG.SERV.	WATER TRANSMISSION DEVELOPMENT
149	MAZEN ALUMRUN (MACE)	DESIGN OF SSFD CAMP PROJECTS FOR MOI AT SAFRA
150	E.K.KANOO/ DESIGN HOUSE	THREE WARE HOUSE AT SALMABAD
151	ANSARI ENGG	AL NAKEEL RESORT AT SPA
152	ANSARI ENGG	KING FAISAL HIGHWAY
153	UNITED ENGINEERING	PROPOSED MULTI STOREY BUILDING AT SAGAYYAH
154	UNITED ENGINEERING	PROPOSED 35 STOREY SERVICE APARTMENT BUILDING AT JUFFAIR
155	UNITED ENGINEERING	PROPOSED 35 STOREY APARTMENT BUILDING AT JUFFAIR
156	UNITED ENGINEERING	20 STOREY BUILDING AT AMWAJ ISLAND
157	ARABIAN INTERNATIONAL MECHANICAL	ENDURANCE VILLAGE COMPLEX
158	PANORAMA CONTRACTING AND ENG.SERV.	6 NO. CPT TEST AT HIDD FORWARDING STATION
159	MIDDLE EAST FOUNDATION	G+6 RESIDENCIAL BUILDING AT HIDD
160	UNITED ARB CONSTRUCTION	PROPOSED TRESSURE TOWER AT DILMUNIA
161	KINGDOM OIL CO. W.L.L	PROPOSED WARE HOUSE & 4 STOREY OFFICE BUILDING
162	ADPI	BAHRAIN INTERNATIONAL AIRPORT MODERNIZATION PROGRAM (AMP)
163	DOWN TOWN CONSTRUCTION	ONE & ONLY BAHRAIN AL SEEF - CPT
164	UNITED ENGINEERING	PROPOSED RESIDENTIAL BUILDING AT UMM AL HASSAM
165	AL HEDAYA -	PROPOSED A&B BUILDING AT TUBLI-ACCOMODATIN
166	GARMCO	PROPOSED REMELT EXPANSION PROJECT
167	AL KOOHEJI ELECTRICAL CONTRACTORS	WATER TRANSMISSION DEVELOPMENT
168	NASS CONTRACTING	PROPOSED MOSQUE AT EKKER
169	AL MARISIM CONT.	DRILLING OF 4 # EARTH HOLES 8M DEEP AT RIFFA
170	BAHRAIN AIRPORT	PROPOSED SITE FOR RELOCATION OF BAFCO
171	CHAPO	EARTH HOLE DRILLING @ BUHAIR
172	DADABHAI CONSTRUCTION	MULTI-PURPOSE HALL AT AL AHLI CLUB
173	DOWN TOWN CONSTRUCTION	WATER PIPELINE WEST INSTALLATION WORKS
174	MSCEB-MOHAMED SALAHUDDIN CONSULTING ENGINEERING BUREAU	KING FAISAL HIGHWAY CORNICHE DEVELOPMENT
175	PANORAMA CONTRACTING AND ENG.SERV.	EARTH HOLE DRILLING AT WEST RIFFA BS
176	KANOO GROUP (ABDUL REHMAN JASSIM KANOO)	ARC GRADEN 35 VILLAS COMPOUND @ JANABIA (VILLA -08)
177	PANORAMA CONTRACTING AND ENG.SERV.	CPT TEST AT HIDD FORWARDING STATION (POST TRATMENT)
178	SAMSUNG ENGINEERING	MINISTRY OF WORKS DEVELOPMENT OF SEWAGE TREATMENT PLANT AND CONVEYANCE AT MUHARRAQ
179	DADABHAI CONSTRUCTION	EXTENSION TO EXISTING VILLA AT BUSAITEEN (AD3)
180	CHAPO	EARTH HOLE DRILLING @ SALMANIYA



GEOTECHNICAL DEPARTMENT LIST OF COMPLETED AND ONGOING PROJECTS

SL.NO.	CLIENT	PROJECT
181	DOWN TOWN CONSTRUCTION	ONE & ONLY BAHRAIN AT SALMANIYA - CPT
182	MINISTRY OF INTERIOR	RAIN WATER COLLECTION PIT AT GDT
183	AHMEED QAED CONT. EST	MR.AHMEED QAED @ DILMUNIA
184	CHAPO	EARTH HOLE DRILLING @ RIFFA
185	ERACLEOUS BAHRAIN (C/O CHAPO)	EARTH HOLE DRILLING @ RIFFA
186	DADABHAI CONSTRUCTION	SHAIKH ISA AVENUE MUHARRAQ 216
187	AJUWARA REAL ESTATE INVESTMENT	BOREHOLES FOR ANDALUSIA COMPLEX SITE IN ZAYED
188	AXIS COMPUTER W.L.L	SOIL TEST AT BAHRAIN INTERNATIONAL AIRPORT
189	KELLER	ONE & ONLY BAHRAIN AL SEEF
190	ESKAN BANK	COMMUNITY SHOPE AT VARIOUS SITES (7 SITES)
191	PANORAMA CONTRACTING AND ENG.SERV.	4612C/2011/3100- NO. GROUND STORAGE TANKS @ HIDD
192	UNITED ARB CONSTRUCTION	MULTI STOREY RESIDENTIAL BLDING @ BUSAITEEN
193	YOUSIF ENGINEERING	BOREHOLES INVESTIGATION FOR PLOT 04025746
194	PANORAMA CONTRACTING AND ENG.SERV.	SALMANIYA BLENDING STATION ,OVERFLOW DRAINAGE SOAKAWAY
195	SAFWAN CONTRACTING	5 STOREY BUILDING @ AMWAJ
196	BANA GAS (BAHRAIN NATIONAL GAS)	BAHRAIN GAS PLANT (CGP-111) AT SAKHIR
197	BAPCO	GEOTECHNICAL INVESTIGATION NEAR FIRE WATER PUMP HOUSE @ SITRA
198	BAPCO	GEOTECHNICAL INVESTIGATION NEAR HLPH @REFINERY
199	MSCEB-MOHAMED SALAHUDDIN CONSULTING ENGINEERING BUREAU	KING FAISAL CORNICHE DEVELOPMENT
200	BANA GAS (BAHRAIN NATIONAL GAS)	GAS PLANT CGP 3
201	AL MANARA/ AMAR HOLDING CO.	GROUNG INVESTIGATION WORK FOR THE BORROW AREA 7 FOR THE INVESTMENT GATEWAY
202	HAJ GULF HOUSE ENGINEERING	REPORT ON THE GROUND INVESTIGATION SAKHIR CONFERENCE CENTRE: SCC 233
203	ESB INTERNATIONAL	220 KV NEW AL MATAR &66 KV GHARB AL MATAR SUBSTATION PLOTS NEAR BAHRAIN INTERNATIONAL AIRPORT
204	G.P.ZACHARIADES OVERSEAS LTD.	EARTHOLE DRILLING AT SEEF
205	MSCEB-MOHAMED SALAHUDDIN CONSULTING ENGINEERING BUREAU	GAC LOGISTIC CENTRE AT BIW, HIDD
206	PROJECT MANAGEMENT	TOPOGRAPHIC SURVEY ONE & ONLY BAHRAIN AT SEEF
207	ABDULLA AMEEN	MULTI-STOREY BUILDING AT HIDD
208	PLAN ARCHITECT AND DESIGN(PAD)	135 REEF VILLA FOR LULU TOURISM COMPANY AT PLOT NO 03220163
209	G.P.ZACHARIADES OVERSEAS LTD.	CAR GARAGE AT JIDDAH ISLAND (UMM AN NASSAM)
210	G.P.ZACHARIADES OVERSEAS LTD.	ONE & ONLY 5 STAR RESORT AT SEEF MEP
211	FAWZIA YOUSIF AKBAR	FAWZIA KOOHEJI ADILYA APARTMENTS
212	FAWZIA YOUSIF AKBAR	FAWZIA KOOHEJI MAHOQZ VILLA
213	OLYMIC CONTRACTING	66 KV CITY TYPE SUB STATION AT ESKAN TUBLI
214	ARAB ARCHITECTS	PROPOSED RESIDENTIAL BUILDING AT HOORA
215	MOHAMED SAMER ZUHAIR	FIVE STOREY BUILDING @ HIDD
216	MEGA MARINE CO.	SOIL INVESTIGATION SERVICES PLOT @ BIW
217	ABDULLA ISA MUBARAK	RESIDENTIAL APARTMENTS @ AKER
218	BAPCO (CH2M HILL)	REPLACE NO.3 API SEPARATOR
219	MSCEB-MOHAMED SALAHUDDIN CONSULTING ENGINEERING BUREAU	PROPOSED RESIDENTIAL BUILDING @ SEEF
220	UNITED ARB CONSTRUCTION	PROPOSED 3 TOWERS @ BAHRAIN BAY
221	POULLAIDES CONSTRUCTION COMPANY	EARTH HOLE DRILLING AT WASMIYA
222	AL HAIKAL CONSTRUCTION	S.I WORKS @ MAMEER
223	BAHRAIN PETROLEUM CO.	REPLACE TRAVELLING BAND SCREEN @ HLPH SUCTION
224	POULLAIDES CONSTRUCTION COMPANY	EARTH HOLE DRILLING @ WASMIYA
225	AHMED QAED CONT.	S.I- DILMUNIA - MIXED USES SITE NO. 9, 10 & 11
226	BAHRAIN AIRPORT	S.I- WORKS FOR ENVIRONMENTAL INFORMATION
227	TAMEER ENGINEERING	PROPOSED MULTI STOREY BUILDING AT HOORA
228	DIYAR AL MUHARRAQ	SOIL INVESTIGATION WORKS @ DIYAR AL MUHARRQ
229	EAGLE HILLS DIYAR COMPANY W.L.L	THE BAHRAIN MALL, HOTEL AND RESIDENCES @ DIYARRAL MUHARRAQ
230	DADABHAI CONSTRUCTION	S I SEVICES @ SEEF TERRACE PLOT 04029018



GEOTECHNICAL DEPARTMENT LIST OF COMPLETED AND ONGOING PROJECTS

SL.NO.	CLIENT	PROJECT
231	VATECH WABAG LIMITED	AL MADINA AL SHAMALIYAH (AMAS)
232	ARAB ARCHITECTS	PROPOSED 3 STOREY VILLA FOR MR. JASSIM HAMAD
233	GULF ALUMINIUM (GARMCO) /FIVE SOLIOS S.A	PROPOSED REMELT EXPANSION PROJECT AT GARMCO
234	AHMED ESSA CONSTRUCTION	PROPOSED 4 STOREY RESIDENTIAL / COMMERCIAL BUILDING @ TUBLI
235	MCSC-MECHANICAL CONTRACTING & SERVICES COMPANY WLL	ICWRS - PHASE 1 PROJECT - BAPCO
236	BIHR - HQ CONSTRUCTION	PROPOSED BIHE KITCHEN @ BARBAR
237	TARGET TRENCHLESS	AMAS PRIMARY SEWER & TSE NET WORKS
238	TERNA GROUP	AMAS PRIMARY SEWER & TSE NET WORKS
239	TARGET TRENCHLESS	AMAS (COMMENT)
240	GULF SKY CONTRACTING	GROUND PENETRATION RADER (GPR) SURVEY
241	PANORAMA CONTRACTING AND ENG.SERV.	EARTH HOLE DRILLING @ AL DOOR
242	CHAPO	CONSTRUCTION OF TWO SUBSTACION FOR ADDITIONAL POWER SUPPLY
243	GULF HOUSE ENGINEERING	AL REYA CENTER AT RIFFA
244	PANORAMA CONTRACTING AND ENG.SERV.	WATER TRANSMISSION DEVELOPMENT SITRA DFS TO SITRA BS PIPELINE
245	PANORAMA CONTRACTING AND ENG.SERV.	WATER TRANSMISSION DEVELOPMENT BUQU WARAH ROAD TO WEST RIFFA BS PIPELINE
246	PANORAMA CONTRACTING AND ENG.SERV.	WATER TRANSMISSION DEVELOPMENT SITRA DFS TO SANAD
247	AL QAWAREER CONTRACTING	NOOR AL DIYAR PRIVATE SCHOOL @ DIYAR AL MUHARRAQ
248	POULLAIDES CONSTRUCTION COMPANY	EARTH HOLE DRILLING AT SEEF
249	AL HANDASAH CENTRE	FIVE STOREY BUILDING @ MAHOOZ
250	ESKAN BANK	BANDAR AL SEEF - GEO TECHNICAL & TOPOSURVEY
251	BAPCO	GROUND INVESTIGATION FOR INSALLATION OF MODERNS AND COMMUNICATION EQUIPMETN AT GDU31, DVS AND ADP
252	PANORAMA CONTRACTING AND ENG.SERV.	WATER TRANSMISSION DEVELOPMENT- MUSSALLA BS TO SANABIS BS PIPELINE
253	PANORAMA CONTRACTING AND ENG.SERV.	WATER TRANSMISSION DEVELOPMENT- UMM AL HASSAM
254	PANORAMA CONTRACTING AND ENG.SERV.	WATER TRANSMISSION DEVELOPMENT- ADHARIPORT TO MUSSALLA BS TO MAHOOZ
255	DAREEQ AL RETAJ (AECOM)	BAHRAIN INTEGRATED STUDY
256	PANORAMA CONTRACTING AND ENG.SERV.	WATER TRANSMISSION DEVELOPMENT - SALAMANIYA
257	G.P.ZACHARIADES OVERSEAS LTD.	SOIL INVESTIGATION SERVICES FOR MEDICAL FACILITY TO MUSALLA AT RIFFA
258	AL MARZOOQ GROUP	SOIL INVESTIGATION @ BUDAIYA
259	SIEMENA	SUBSTATION @ UMM AL HASSAM, RIFFA, HIDD
260	AL MARZOOQ GROUP	SITE AT MAHOOZ
261	AL MARZOOQ GROUP	SITE @ TUBLI
262	G.P.ZACHARIADES OVERSEAS LTD.	PROPOSED 2 STOREY VILLA @ QURAYA
263	DHEYATAWFEEQI	PROPOSED PHYSIOTHERAPY CENTER
264	ALBA	ALBA POWER STATION -5
265	BAHRAIN MOTORS CO.	MUBARAQ BUILDING
266	EUREKA FOR SMART PROPERTIES	VIOLET RESIDENCE
267	CHAPO BAHRAIN	AL FORAT VILLA @ A'ALI
268	EGIS INTERNATIONAL	SH. KHALIFA BIN SALMAN HIGHWAY- FAEOOQ IC
269	EGIS INTERNATIONAL	SH. KHALIFA BIN SALMAN HIGHWAY- SAAR IC
270	MR.ABDULLA AMIN	SOIL INVESTIGATION 2 HIDD
271	JAWHARAT AL KHALEEJ	SOIL INVESTIGATION @ ENTENNCE 59, BLOCK 332
272	MR. ALI MOHAMED & MR. FAHAD	SOIL INVESTIGATION @ HIDD
273	MR.MAHA ALI BIN ISA	SOIL INVESTIGATION @ HIDD
274	AL- A'ALI ENGINEERING	BUSAITEEN SHOPPING CENTER
275	DNS CO.	BUSAITEEN SHOPPING CENTER AT DIYAR AL MUHARRQ
276	GULF HOUSE ENGINEERING	
277	JASCO	PROPOSED 9 STOREY BUILDING
278	AHMED MANSOOR AL ALI	PILE CORING - ESR @ SEEF
279	AS FAR CONSTRUCTION	SOIL INVESTGATION @ SANABIS



GEOTECHNICAL DEPARTMENT LIST OF COMPLETED AND ONGOING PROJECTS

SL.NO.	CLIENT	PROJECT
280	ROYAL COURT	SAKHIR MOSQUE
281	NASS CONTRACTING	400 KV TRANSMISSION DEVELOPMENT
282	ALMA'AWDAH CONSTRUCTION	GEOTECHNICAL INVESTIGATION @ DILMUNIA
283	AAA HOME W.L.L	GEOTECHNICAL INVESTIGATION @ AAA HOME @ JUFFAIR
284	AL NOOR ARCHITECTS/ AL HALLAQ CONST.	3 STOREY MULTI PURPOSE BUILDING /D02-2016
285	JAWHARAT AL KHALEJ (AL MARZOOQ GROUP)	COMMERCIAL 2 STOREY BUILDING AT SUGAYYA PLAZA
286	AL JAMEEL CONSTRUCTION	MULTI STOREY L BLDING (KAYAAN PLAZA)
287	POULLAIDES CONSTRUCTION COMPANY	EARTH HOLE DRILLING @ RIFFA
288	PANORAMA CONTRACTING AND ENG.SERV.	4621/2011/3011 AL GHOUSE HIGHWAY & AVENUE
289	PANORAMA CONTRACTING AND ENG.SERV.	4621/2011/3011 DRY DOCK HIGHWAY TO ARAD
290	PANORAMA CONTRACTING AND ENG.SERV.	4621/2011/3011 SKBS CAUSWAY TO JUFFAIR
291	PANORAMA CONTRACTING AND ENG.SERV.	4621/2011/3011 HGIDD DFS TO DIYAR AL MUHARRAQ
292	AL KOMED ENGINEERING	SOIL INVESTIGATION FOR HIDD - 400 KV TRANSMISSION DEVELOPMENT
293	AL MURSHED TRAVEL	FIVE STOREY BUILDING AT UM AL HASSAM
294	AL KOOHEJI ELECTRICAL CONTRACTORS AND CONST.W.L.L	CONSTRUCTION OF 66KV SUB-STATION AT ISA AIRBASE
295	POULLAIDES CONSTRUCTION COMPANY	SUGAR EXTENSION AT HIDD
296	ALGHANIMINTERNATIONAL	ACCES TO AMAS BRIDGE (W-LINK)
297	TAMEER ENGINEERING / SALWA ALMOAYYED	SALWA COMPOUND AT HAMALA
298	ARAB ARCHITECTS & ENGINEERS	PROPOSED RESIDENTIAL BUILDINGS AND VILLAS AT LUWZI
299	AL KOOHEJI ELECTRICAL CONTRACTORS AND CONST.W.L.L	CONSTRUCTION OF 66KV SUBSTATION AT ISA AIR BASE
300	ROYAL COURT - ISMAIL KHONJI ASSOCIATES	SNV PROJECT - ROYAL COURT SAFRIYA PALACE
301	AL JAMEEL CONSTRUCTION	PROPOSED MULTI STOREY RESIDENTIAL BUILDING @ HIDD
302	ARCH INC/ EBRAHIM K KANOO	PROPOSED USED CAR SHOW ROOM FOR MOTOR CITY
303	NASEEJ B.SC	GEOTECHNICAL SITE INVESTIGATION AT SAMAHEEJ - PLOT NO: 02017868
304	RAMSIS ENGINEERING	BAPCO EXPLORATION WELL-SOIL INVESTIGATION-TATWEER
305	MACEC GROUP OF COMPANIES	SOIL INVESTIGATION AT SHK ISA AIRBASE FOR NAVAL FACILITIES ENGG
306	NASS CONTRACTING	PROBE DRILLING - ISA TOWN DS
307	SHEREEN TOWER (QUALITY WIRE PRODUCTS)	SOIL INVESTIGATION - BIP @ HIDD
308	CHAPO	GROUND INVESTIGATION 2208 66 KV BSP SUBSTATION @ HAMALA
309	GAMA POWE SYSTEM INC.	GEO TECHNICAL INVESTIGATION - ALBA POWE STATIONS PROJECT
310	TARGET TRENCHLESS	COMMENT ONLY FOR SHAFT - DILMUNIA HEALTH ISLAN
311	DESIGN STUDIO ARCHITECTS	MPV PRIVATE VILLA @ HAMALA
312	GHUMAIS CONSTRUCTION CO W.L.L	SARAYA REEM PROJECT CONSTRUCTION OF VILLAS AT MAQABA 507
313	BECHTEL-TOPO & FIELD SURVEY	TOPO SURVEY SERVICES - ALBA POTLINE 6
314	DYNAMIC NETWORK SOLUTION/ MENA TELECOM	IGSM TOWER @ DIYAR AL MUHARRAQ
315	GAMA	ALABA POWERSTATION 5 PROJECT
316	PANORAMA CONTRACTING AND ENG.SERV.	WATER STATION HIDD HOT A @ SKBS DS
317	CHAPO	MNR PALACE - EARTH HOLES DRILLING
318	CHAPO	AL SALAMAN HOSPITAL @ BUHAIR
319	PANORAMA CONTRACTING AND ENG.SERV.	COMMENT ON SIESMIC DESIGN OF WATER STORAGE TANK @ DIYAR AL MUHARRQ
320	FIVE SOLIOS	SPT BOREHOLES
321	ZAYANI TRAING & COTRACTING CO. W.L.L	M 254 - JAW PRIMARY GIRLS SCHOOL @ JAW
322	POULLAIDES CONSTRUCTION COMPANY	RESTAURANT @ ADLIYA
323	PANORAMA CONTRACTING AND ENG.SERV.	WATER STATION DAM
324	ITHAMAR DEVELOPMENT CO	DILMUNIA GATEWAY BRIDGE
325	NASS CONTRACTING	400KV LAND BOREHOLES
326	AL AHLIA CONTRACTING	BDF PROJECT - CCASG SACON
327	ALI BIN ABDULLA AL GHATAM	SOIL INVESTIGATION AT SANABIS
328	JGC	FIELD PIPELINE & SITRA STORAGE EXPANSION
329	MAHMOOD AKBAR ALI REZA CONTRACTING	BOREHOKE FOR ELECTRICAL EARTHING AT BDF
330	BYRNE LOOBY PARTNESS LTD	NORTH HAWAR DEVELOPMENT



GEOTECHNICAL DEPARTMENT LIST OF COMPLETED AND ONGOING PROJECTS

SL.NO.	CLIENT	PROJECT
331	NASS CONTRACTING	30M DEPTH BOREHOLE @ NABISALEH
332	LE MERIAM INTERORS	6 STOREY BUILDING @ SEEF
333	SIEMENS LLC	ALBA LINE 6 EXPANSION - POWER DISTRIBUTION SYSTEM
334	ALLIANCE PROJECTS SPC.	AL TAJIS STRIP MALL
335	ANSARI ENGG	PROPOSED NAWAB EXTENSION
336	PAN GULF PANORAMA	WATER TRANSMISSION DEVELOPMENT PROJECT SKBS DS
337	EAGLE HILLS DIYAR COMPANY	SOIL INVESTIGATION WORKS @ DIYAR AL MUHARRQ
338	UCO MARINE CONSTRUCTION	PROPOSED 13 STOREY RESIDENTIAL BUILDING
339	ESMAELY LENZOHM ELECTRICAL COMPANY W.L.L	PROPOSED 4 STOREY RESIDENTIAL / COMMERCIAL BUILDING @ TUBLI
340	NASS CONTRACTING	SOUTHERN NEW TOWN DEVELOPMENT
341	AECOM	SOIL INVESTIGATION WORKS @ ZALLAQ
342	AECOM	SOIL INVESTIGATION WORKS @ ASKAR
343	AL HASSANIAN CO.BSC	DEEP GRAVITY SEWER AND ASSOCIATED WORKS
344	ESB INTERNATIONAL CONSULTING ENGINEERS	GEOTECHNICAL SITE INVESTIGATION OF SUBSTATION PLOTS ASSOCIATED WITH AMAZONE WEB SERVICES AT ASKAR
345	AECOM	SOIL INVESTIGATION WORKS @HAMALA
346	ESB INTERNATIONAL CONSULTING ENGINEERS	SOIL INVESTIGATION WORKS @AL ZALAQ
347	ESB INTERNATIONAL CONSULTING ENGINEERS	SOIL INVESTIGATION WORKS @HAMALA
348	CORDIAL CONSTRUCTION	PROPOSED 3 STOREY BUILDING @ MANAMA
349	ESKAN BANK B.S.C. ©	REPORT OF BATHYMETRIC SURVEY - BANDAR AL SEEF (EP200601MBU)
350	PANORAMA CONTRACTING AND ENG.SERV.	DIYAR AL MUHARAQ WATER DISTRIBUTION STATION @ SITRA
351	PANORAMA CONTRACTING AND ENG.SERV.	DIYAR AL MUHARAQ WATER TRANSMISSION PIPELINE SUPPLY & INSTALLATION
352	PANORAMA CONTRACTING AND ENG.SERV.	DIYAR AL MUHARAQ WATER TRANSMISSION SCHEME
353	ALBA	SPL- BATHAREA- ENVIRONMENTAL SAMPLING
354	MAHMOOD AKBAR ALI REZA CONTRACTING CO. WLL (MAAR)	EARTH HOLE DRILLING FOR WADI ALI M-67
355	ADVANCED DYNAMICS CORPORATION LTD.	SURVEY AT CABON AREA IN ALBA
356	ALMOAYYED INTERNATIONAL	PROPOSED RESIDENTIAL BUILDING @ REEF
357	MARUF SHARIF CONSTRUCTION COMPANY-MACEC	CONSTRUCTION OF A NEW ENTRY CONTROL POINT (ECP) NSA1
358	AECOM	BAHRAIN AV UNIT AREA SURVEY (NORTH APRON AREA)
359	GAMA	GEO TECHNICAL INVESTIGATION - ALBA POWER STATION 5 PROJECT
360	ANSARI ENGINEERING	A ALI MALL DEVELOPMENT
361	AL KOMED ENGINEERING	400KV TRANSMISSION, 400KV CABLE WORKS
362	AL KOMED ENGINEERING	400KV TRANSMISSION, DEVELOPMENT, 400KV CABLE WORKS
363	AL KOMED ENGINEERING	400KV TRANSMISSION, DEVELOPMENT, 400KV CABLE WORKS
364	AL KOMED ENGINEERING	400KV TRANSMISSION, DEVELOPMENT, 400KV CABLE WORKS
365	EAGLE HILLS DIYAR COMPANY	SOIL INVESTIGATION PLOT 7 AND 10
366	PANORAMA CONTRACTING AND ENG.SERV.	ESTABLISHMENT OF CONTRACT POINTS @HIDD
367	POULLAIDES CONSTRUCTION CO	EARTH HOLE DRILLING@VVIP VILLA RIFFA
368	MR MADINA ABDUL AZIZ	TECHNICAL REPORT OF POSSIBLE CAUSES OF WATER LEAK UNDER THE 3-STOREY BUILDING AND RECOMMENDATION FOR REMEDIAL ACTION, LOCATION: PLOT NO 7 &10, ROAD 42, BLOCK 740, A'ALI
369	MOHAMMED ABDULMOHSIN AL-KHARAFI & SONS	GEOTECHNICAL SITE INVESTIGATIONNEW CARDIAC CENTRE -AWALI
370	MOHAMMED ABDULMOHSIN AL-KHARAFI & SONS	CANCELLED
371	CHAPO (BAHRAIN)	EARTH HOLE DRILLING @BUHAIR
372	MAZEN ALUMRUN (MACE)	SOIL INVESTIGATION FOR HAVELOCK FACTORY WAREHOUSE @ ALBA
373	NASS CONTRACTING	WATER STATION CENTRAL: 4620/2011/3100 ISA TOWN (E) DS, DURRAT AL BAHRAIN DS, NABIH SALEH DS & ASSOCIATED STATIONS UMM AL HASSAM FORWARDING STATION



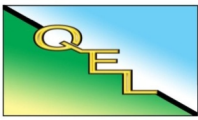
GEOTECHNICAL DEPARTMENT LIST OF COMPLETED AND ONGOING PROJECTS

SL.NO.	CLIENT	PROJECT
374	NASS CONTRACTING	REPORT ON GEOTECHNICAL SOIL INVESTIGATION WATER STATION CENTRAL: 4620/2011/3100 ISA TOWN (E) DS, DURRAT AL BAHRAIN DS, NABIH SALEH DS & ASSOCIATED STATIONS SITRA BLENDING STATION
375	BLUE WATER INVESTMENTS.	GEOTECHNICAL SITE INVESTIGATION MULTI STOREY APARTMENT BUILDING FOR DR.ADEL HUBAIL, PLOT NO 2720 @ JUFFAIR
376	MOHAMMAD ALMUTAWA	REPORT OF THE SOIL INVESTIGATION 7-STOREY BUILDING MA'AMEER, KINGDOM OF BAHRAIN
377	ALI AL HAYKI	S.I @ MAMEER
378	ALI AL HAYKI	S.I @ SAMAHEEJ
379	BUILDING MAINTENANCE DIRECTORATE	TECHNICAL REPORT OF POSSIBLE CAUSES OF CRACK FORMATION IN THE 3-STOREY BUILDING AND RECOMMENDATION FOR REMEDIAL ACTION
380	CHAPO	DRILLING OF EARTH HOLES 52 NO ,HAMALA
381	DADABHAI CONSTRUCTION	SOIL INVESTIGATION @ HIDD SCHOOL
382	ATLAS TRANSPORT	PROBE DRILLING @ ALBA
383	CHAPO	DRILLING OF EARTH HOLES 3 NO ,30M-HAJIYAT
384	FIRST ENERGY BANK	PROPOSED COMMERCIAL TOWER - BAHRAIN FINANCIAL HARBOUR
385	EGIS INTERNATIONAL	WIDENING AND IMPROVEMENT OF SHAIK KHALIFA BIN SALMAN HIGHWAY
386	EGIS INTERNATIONAL	WIDENING AND IMPROVEMENT OF SHAIK KHALIFA BIN SALMAN HIGHWAY, BURGER LAND INTERCHANGE
387	EGIS INTERNATIONAL	WIDENING AND IMPROVEMENT OF SHAIK KHALIFA BIN SALMAN HIGHWAY, BUQUWAH
388	ATLAS TRANSPORT	PROBE DRILLING - CATHODE CEILING @ ALBA LINE 6 LOAD 2
389	ATLAS TRANSPORT	PROBE DRILLING - CATHODE CEILING @ ALBA LINE 6 LOAD 2
390	UCO STEEL CO	EARTH HOLE DRILLING (14 NO)
391	SIMPLEX ALMOAYYED	27 STOREY TOWFIC TOWER
392	ATLAS TRANSPORT	PROBE DRILLING (8 NO) CENTRAL PASSAGE BETWEEN POT ROOM E4F, @ ALBA
393	M & I CONSTRUCTION	2 # EARTH HOLE DRILLING @ ALBA
394	BIN FAQEEH	S.I.UM AL NASSAM ISLAND (15 NOS. 15M)
395	AECOM	GRAVITY OG BHS
396	ADPI	GEOTECHNICAL INVESTIGATION @ BIA ATCC BUILDING
397	SIMPLEX ALMOAYYED	S.I. @ HIDD
398	NASS CONTRACTING	GEOTECHNICAL INVESTIGATION @ ALBA
399	AL KOMED ENGINEERING	400 KV TRANSMISSION DEVELOPMENT, 400KV CABLE WORKS
400	SIKA GULF BSC	S.I. @ NORTH SITRA INDUSTRIAL AREA
401	ADPI	PROPOSED SOIL INVESTIGATION SERVICES @ AIR TRAFIC CONTROL CENTRE
402	AL MARZOOQ GROUP	3-STOREY BUILDING @TUBLI
403	UNITED ENGINEERING	4-STOREY LABOUR ACCOMODATION
404	AL HEDAYA CONTRACTING	AL KINDI HOSPITAL @ZINJ
405	AECOM	SAND STORM PROJECT -HAMALA
406	AECOM	SAND STORM PROJECT -ZALLAQ
407	AECOM	SAND STORM PROJECT -ASKAR
408	BYRNE LOOBY PARTNESS LTD	SOIL INVESTIGATION-FASHT AL JARIM
409	PANORAMA CONTRACTING AND ENG.SERV.	WATER TRANSMISSION DEVELOPMENT
410	AIRMECH	EARTHING HOLES @ABC BANK SITE DIPLOMATIC AREA
411	CROWN ELECTRO-MECHANICAL SERVICES	MEDICAL TRAINING CENTRE AT BDF – WADI AL SAIL MALL
412	CEBARCO	DRILLING OF EARTH HOLES-ZALLAQ
413	M&I CONSTRUCTION	EARTHING HOLES @ALBA LINE 6
414	ARABTEC CONSTRUCTION	PROPOSED TO INVESTIGATE THE CARCKING OF CONCRETE @ BAHRAIN INTERNATIONAL AIRPORT
415	NSH-NASSIR HAZZA AL SUBAEI FOR CONTRACTING W.L.L	ALBA POTLINE 6 - CARBON AMA



GEOTECHNICAL DEPARTMENT LIST OF COMPLETED AND ONGOING PROJECTS

SL.NO.	CLIENT	PROJECT
416	NASS CONTRACTING	ALBA POTLINE 6 - REDUCTION AREA (POT ROOM E& F)
417	AL JAMEEL CONSTRUCTION	PROPOSED 21 STROEY APARTMENT BUILDING WITH SERVICE
418	POULLAIDES CONSTRUCTION	EARTH HOLE DRILLING 2 BOREHOLS
419	MR.JASIM JUMA RASHED	PROPOSED 9 STOREY BUILDING @ UMM AL HASSAM
420	GULF HOUSE ENGINEERING	REPOT PREPARATION ONLY - BAHRAIN MARINA PROJECT
421	KIMS HOLDING COMPANY	7 STOREY BUILDING @ UMMA AL HASSAM
422	NASS CONTRACTING	PROBE DRILLING - MOBLIE TOWER CRANE - ALBA POTLINE -6
423	AL-TIJARIA	PROPOSED CONSULTANCY SERVICES FOR (DILMUNIA PROJECT: BAHRAIN)
424	GULF HOUSE ENGINEERING	PROPOSED FAMILY COMPOUND FOR PLOTS @ JANABIA
425	BERGER PAINTS	PROPOSED RAW MATERIAL SHED -SITRA INDUSTRIAL AREA
426	NSH-NASSIR HAZZA AL SUBAEI FOR CONTRACTING W.L.L	CAST HOUSE - ALBA POTLINE 6 - PROBE DRILLING
427	NASS CONTRATING	REDEMPTION ARIA - POT FROM F TRAENCH D FOUNDATION
428	DADABHAI CONSRUCTION	KINGDOM MALL - SAAR
429	ITHAMAR DEVELOPMENT CO	PROPOSED DEWATERING DISCHARGE AREA & LAGOON
430	AHMED MANSOOR AL ALI	AMA BLOCK FACTORY EXTESION AT ASKAR
431	THATTAI HINDU MERCANTILE	HINDU TEMPLE RENOVATION @ MANAMA
432	NASS CONTRACING	PROBE DRILLING - ALBA POTLINE-6 RA -CRAWHING CRANE
433	KIMS HOLDING COMPANY	PROPOSED 7 STOREY HOSPITAL BUILDING @ UMM AL HASSAM
434	BAHRAIN DUTCH FOUNDATION	PROPOSED 14 STOREY BUILDING @ HIDD
435	NASS CONTRACTING	POTROOM E- TRANCH B- PROBE DRILLING - ALBA POTLINE -6
436	NASS CONTRACTING	POTROOM E- TRANCH A- PROBE DRILLING - ALBA POTLINE -6
437	NASS CONTRACTING	POTROOM F NEAR TRENCH D (6321F- DAC-101) & (6321F -DAC-102)
438	EDAMAH BSC	BELAJ AL JAZAYER (BAJ) PROJECT :- GEO TECHNICAL
439	RIED HAMMER GMAH	DRILLING HOLES FOR GROUNDING RODS
440	NASS CONTRACTING	TOWER CRANE FOR POTROOM E- PROBE DRILLING - ALBA
441	ALBA/ BECHTEL	PLUGGING OF ABANDONED WATER WELL (GW2)
442	CEBARCO	EARTHING HOLE - 10 NOS (4M) @ HAMALA, 66KV SUBSTATION
443	NASS CONTRACING	PROBE DRILLING - NORTH PASSAGE - ALBA
444	PANORAMA CONTRACTING AND ENG.SERV.	SOIL INVESTIGATION - DILMUNIA HELTH ISLAND -WATER
445	NASS CONTRACING	PROBE DRILLING - CRAWLER CRANE BASE FOUNDATION TRASMISSION PIPLENS
446	DTEB	DANAAT BAYTIK AT ISHBILIYA VILLAGE - SOIL INVESTIGATION
447	NASS CONTRACING	PROBE DRILLING - ALBA (BASE FOR CRAWLER CRANE NEAR TRANCH B)
448	CHAPO	EARTH HOLES 19NO X 3M - AWS ASKAR
449	NASS CONTRACTING	PROBE DRILLING
450	CEBARCO	SHAFT DESIGN PROJECT HABITAT - DAM
451	CEBARCO	SHAFT DESIGN PROJECT HABITAT - DAM
452	MIDDLE EAST ARCHITECT	SOIL INVESTIGATION - BUDAIYA MALL (4 NOS)
453	SIEMENS LLC	SLOPE STABILITY ANALYSIS OF STONE PITCHING - SUBSTATION
454	PANORAMA CONTRACTING AND ENG.SERV.	PIPELINES - HIDD INSTALLATION WORK
455	MODERN ARCHITECT	PRPOSED AMA SPECIAL SCHOOL AT BU-QOWA
456	BERGER PAINTS	ADDITIONAL BOREHOLES
457	NASS CONTRACTING	PROBEHOLES
458	RAMSIS ENGINEERING (FIVES MIDDLE EAST)	AFI BUILDING @ASKAR
459	GAMA POWER SYSTEM INC.	PROBE DRILLING @ ALBA
460	AXION IMAGINEERING	MULTI PURPOSE STORE@UM NASSAN
461	NASS CONTRACTING	PROBE DRILLING
462	CEBARCO	SOIL INVESTIGATION -DILMUNIA
463	NASS CONTRACTING	PROBE DRILLING AT ALBA
464	MODERN ARCHITECT(HASSAN LARRY GROUP)	SOIL INVESTIGATION -OFFICE BUILDING AT SEEF
465	NASS CONTRACTING	PROBE DRILLING AT ALBA
466	NASS CONTRACTING	PROBE DRILLING- ALBA POTLINE 6
467	PAN GULF PANORAMA CONTRACTING	PRE-DRILLING AT THE LOCATION OF CPTS - HIDD
468	AL KOOHEJI ELECTRICAL	SUN FARM AND PV PLANT - HIDD, AL DOOR



GEOTECHNICAL DEPARTMENT LIST OF COMPLETED AND ONGOING PROJECTS

SL.NO.	CLIENT	PROJECT
469	BAHRAIN BLOCKS (HAJI HASSAN GROUP	BAHRAIN BLOCK FACTORY AT RAS SUWAYED
470	MCSC-MECHANICAL CONTRACTING & SERVICES COMPANY WLL	PROBE DRILLING - PS 5
471	POLLAIDES CONSTRUCTION	EARTH HOLE DRILLING - ZELLAQ
472	ARANER (DIYAR LAND PROTFOI CO. SPC)	SOIL INVESTIGATION @ MARASSI AL BAHRAIN - DISTRICT COOLING PLANT
473	MIDDLE EAST ARCHITECT	LUXURY VILLA @ QURRAYA
474	TAMEER ENGINEERING	SOIL INVESTIGATION - SULB WHARF PROJECT -HIDD
475	PAN GULF PANORAMA CONTRACTING	DRILLING AT THE LOCATION OF CPT
476	AL AHLIA CONTRACTING	THIROL PARTY CERTIFICATION FOR SURRVEY CONTROL POINTS - ALBA POTLINE 6 ANODE RODDING SHOPE
477	NASS CONTRACTING	ALBA LINE 6 - CIVIL MOBILIZATION WOR FOR GAMA
478	AL QAWAREER CONTRACTING	FRONT OF MAIN GATE INSIDE COMPOUND WALL VILLA AT HUNAINIYA
479	ALBA	BOREHOLE DRILLING WORKS AT VDC
480	BRAMCO	DRILLING OF EARTH HOLE @ VARIOUS SITE
481	NASS CONTRRACTING	PROBE DRILLING CENTRAL SACK FOUNDATION ALBA POTLINE 6
482	NASS CONTRRACTING	PROBE DRILLING - BLOW ROOM - ALBA POTLINE 6
483	AECOM	WATER & WAST WATER REPAIR - SOIL INVESTIGATION - ISA AIR BASE
484	AECOM	DECOMMINSSIONING OF BORE HOLE WAB-07
485	MASTER GLOBE CONSTRUCTION	SUPPLY OF SURVEY TEAM
486	FIVE SOLIOS	SUPPLY OF SURVEY TEAM
487	COMSIP AL ALI	EARTH HOLES 19 NOS
488	AL HASSANIAN CO.BSC	SOIL INVESTIGATION @ DAM (DGS PROJECT)
489	AL HASSANIAN CO.BSC	SOIL INVESTIGATION @ BAHRAIN LNG INNER PORT RECLAMATION
490	PANORAMA CONTRACTING AND ENG.SERV.	SOIL INVESTIGATION @ DILMUNIA HEALTH ISLAND - WTP (SAMANCHJI
491	NSH-NASSIR HAZZA AL SUBAEI FOR CONTRACTING W.L.L	EARTH HOLE DRILLING @ CAST HOUSE 4LAY DOWN AREA
492	MIDDLE EAST ARCHITECT	14 VILLAS @ SAAR - SOIL ONVESTIGATION
493	AICI	SOIL INVESTIGATION - MINA SALMAN PIR REPLACEMENT
494	M.A. AL KHARAFI	EARTHING HOLES - CARDIAC CENTER @ AWALI
495	AHMED MANSOOR AL ALI	SOIL INVESTIAGATION @ DRY MIR PLANT AL RAS ZUWAYED
496	MASS POWER MECH	SUPPLY OF SURVEY TEAM - ALBA @ GAMA
497	CEBARCO	DAM - DERAT ALOYOUN (ADDITIONAL BORE HOLE + PRESSURE TEST)
498	SIEMENS LLC	SLOPE STABILITY ANALYSIS - 400KV RIFF SUBSTATION
499	UNITED ARB CONSTRUCTION	UAE AMBASSIDOR RESIDENCE
500	NASS CONTRACTING	PROBE DRILLING - GAS TREATMENT CENTERCOLLECTOR - ALBA POTLINE 6
501	AL KOOHEJI ELECTRILCAL CONTRACTORS	EARTHING HOLE - 66KV SUBSTATION BDF HOSPITAL @ RIFFA
502	CHAPO	EATRHING HOLE - 220KV SAFRA BSP STATION
503	AL KOOHEJI ELECTRILCAL CONTRACTORS	REPLACEMENT OF 600DN FROM WEST RIFFA TO ISA TOWN
504	ALUMINIUM BAHRAIN	ALBA LINE 6 EXPANSION - PORT FACILITIES @ SITRA
505	BAHRAIN MOTORS CO.	6 STOREY BUILDING FOR SH.ABDUL AZIZ KHALIFA @ BUQUWAH
506	SIEMENS LLC	ALBA PDS - CAVITY ACROSS CABLE ROUTE - RECOMMENDATION
507	CHAPO	EARTHING HOLE@ ASKAR
508	DADABHAI CONSTRUCTION	EARTHING HOLES - KINGDOM MALL @ SAR
509	NASS CONTRACTING	PROBE DRILLING - RETAINING WALL - ROL 140
510	PANORAMA CONTRACTING AND ENG.SERV.	RECOMMENDATION ON GI FOR VALVES & CHAMBER
511	NASS CONTRACING	400KV CABLE PROJECT - SETTLEMENT MONITORING
512	NASS CONTRCTING	EARTH HOLES - PTM BUILDING REDMENTION AREA- POTLINE 6 ALBA
513	AL HAIKAL CONSTRUCTION	SOIL INVESTIGATION AT RAZ ZUWAYED
514	BAHRAIN DUTCH FOUNDATION	PRE AND POST TREATMENT SPT PROJECT @
515	BAHRAIN DUTCH FOUNDATION	SPT TESTING AT SITE PROJECT AT AL MARKH, BUDAIYA
516	SF- MGC	4 VILLAS AT BANI JAMRAH
517	BECHTEL INTERNATIONAL	SOIL NAILING WORK AND STABILISATION



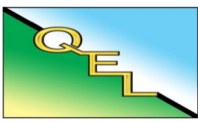
GEOTECHNICAL DEPARTMENT LIST OF COMPLETED AND ONGOING PROJECTS

SL.NO.	CLIENT	PROJECT
518	MCSC-MECHANICAL CONTRACTING & SERVICES COMPANY WLL	EARTHIN HOLES - ALBA POTLINE6
519	MIMAR CONSTRUCTION	SOIL INVESTIGATION @ HIDD
520	AL HAIKAL CONSTRUCTION	SOIL INVESTIGATION @ TUBLI
521	BAHRAIN SPECIALIST TECHNICAL SERVICES	PROBE DRILLING - (TATWEER PETROLEUM) @ A-1824
522	ANSARI ENGINEERING	SOIL INVESTIGATION - SAH BAHRAIN PROTON (CANCER THERAPY) CENTER @ BUSITEEN
523	AXION IMAGINEERING	SOIL INVESTIGATION - PROPOSED ROTUNDA MAJILIS BUILDING @ JIDAH ISLAND
524	BAHRAIN SPECIALIST TECHNICAL SERVICES	SOIL INVESTIGATION - PRE UNAYZA-1 WELL
525	AL HAIKAL CONSTRUCTION	SOIL INVESTIGATION -FOUR STOREY BUILDING @TOOBLI
526	URBAN VISION	SOIL INVESTIGATION -VILLA AT DIYAR
527	QBG SURVEY CONSULTANCY LLC	SOIL INVESTIGATION -400KV LOOP CIRCUIT
528	GULF ASIA CONTRACTING COMPANY LLC	PROBE DRILLING- CENTRAL MAINTANCE BUILDING @ALBA
529	BAHRAIN DUTCH FOUNDATION	POST TREATMENT SPT PROJECT @ RIFFA
530	DELTA CONSTRUCTION COMPANY	PROPOSED DELTA WARE HOUSE AT RAS ZUWAID
531	SHEREEN TOWER	EARTH HOLE DRILLING @ ALBA
532	NASS CONTRACTING	400 KV TRANSMISSION DEVELOPMENT (2009 - 2013) - 400KV CABLE WORKS (SITRA & UMM AL HASSAM) (A TO D)
533	AL KOMED ENGINEERING SERVICES	400 KV TRANSMISSION DEVELOPMENT (2009 - 2013) - 400KV CABLE WORKS (ASU SEA CROSSING)
534	PANORAMA CONTRACTING AND ENG.SERV.	EARTH HOLES @ DIYAR AL MUHARRAQ
535	AECOM	RECONSTRUCTION OF BRIDGE 17 @ UMM AL SAAD AVENUE
536	AL AHLIA CONTRACTING	SURVEY STATION CONTROL POINTS CAST HOUSE AREA- ALBA POTLINE 6
537	RAFFA CONSTRUCTION	EARTHING HOLE - BAPCO PETROL STATION (TUBLI, MUHARRAQ, NUSA,HAMED TOWN, SANABIS
538	ALBA (PART OF 1297)	CHEMICAL ANALYSIS
539	NASS CONTRACTING	400 KV TRANSMISSION DEVELOPMENT (2009-2013) 400KV CABLE WORK (ASU SEA CROSSING)
540	POULLAIDED CONSTRUCTION COMPANY	EARTHING HOLES - REDUCATION AREAALBA POTLINE 6(3M)
541	AL HEDAYA CONTRACTING	5 STOREY BUILDING @ SUGAIYA
542	NASEEJ B.SC	MALKIYA DEVELOPMENT
543	NASS CONTRACTING	PROBE DRILLING - SOUTH PASSAGE REDUCTION AREA POTLINE 6
544	BAPCO	BATHYMETRIC SURVEY - BAPCO WET GAP AREA
545	BAWAB CONTRACTING	10 STOREY BUILDING @ BURHAMA
546	KMC	PROPOSED H- OFFICE TOWER @ SEEF
547	AL DOOR EXCAVATION	BUHAIR PROJECT AREAS A,B,C,F,G @ H
548	POULLAIDES CONSTRUCTION	EARTHING HOLES ALBA POTLINE 6 CAST HOUSE (6M)
549	POULLAIDES CONSTRUCTION	EARTHING HOLES ALBA POTLINE 6 CAST HOUSE (7.50M)
550	MR. MUKESH (AHH VILLA)	AHH VILLA @ JANABIYA
551	BAHRAIN MAINTANCE @ DIVING SERVICES	SURVEY CONTROL POINTS - RODDING SHOP - ALBA POTLINE 6
552	POULLAIDES CONSTRUCTION	PROBE DRILLING -REDUCTION L6 ADMINISTRATION BUILDING
553	MIDDLE EAST ARCHITECT	LUXURY VILLA &7 ATTACHED VILLAS @ JANABIYA
554	SMART LAND CONTRACTING	SOIL INVESTIGATION SERVICES @ DILMUNIA - GALALI
555	NSH-NASSIR HAZZA AL SUBAEI FOR CONTRACTING W.L.L	EARTHING HOLES - ALBA POTLINE 6, REDUCTION AREA - GTC 1
556	NSH-NASSIR HAZZA AL SUBAEI FOR CONTRACTING W.L.L	EARTHING HOLES - ALBA POTLINE 6, CAST HOUSE (PALLET STORAGE)
557	NSH-NASSIR HAZZA AL SUBAEI FOR CONTRACTING W.L.L	EARTHING HOLES - ALBA POTLINE 6, CAST HOUSE
558	NSH-NASSIR HAZZA AL SUBAEI FOR CONTRACTING W.L.L	EARTHING HOLES -ALBA POTLINE 6, CAST HOUSE
559	NSH-NASSIR HAZZA AL SUBAEI FOR CONTRACTING W.L.L	EARTHING HOLES - ALBA POTLINE 6, CAST HOUSE
560	DELTA CONSTRUCTION COMPANY	EARTHING HOLES- ALBA POTLINE 6
561	UNITED CEMENT COMPANY	TERMINAL @ MINA SALMAN
562	TMAM/EMAAR ARCHITETS	PROPOSED 12 STOREY BUILDING @ @ SEEF
563	ESKAN PROPERTIES	DANNAT AL ISTIQLAL @ ISATOWN
564	NASEEJ B.SC	TRIAL PIT EXCAVATION - PROPOSED SITE @ HIDD
565	POULLAIDES CONSTRUCTION COMPANY	EARTHING HOLE - CAR GARAGE @ UMM AL NASSAN



GEOTECHNICAL DEPARTMENT LIST OF COMPLETED AND ONGOING PROJECTS

SL.NO.	CLIENT	PROJECT
566	DADABHAI CONSTRUCTION	SURVEY STATION CONTROL POINTS CAST HOUSE AREA- ALBA POTLINE 6
567	RAFFA CONSTRUCTION & MAINTENANCE CO.W.L.L	1M DEEP 126 NOS @ ALBA
568	AL NAMAL CONTRACTING	EARTHING HOLES - ALBA POTLINE 6
569	ITHAMAR DEVELOPMENT CO	DILMUNIA GRAND CANAL
570	AL KOMED ENGINEERING SERVICES	400KV CABLE WORK (ASU CROSSING)
571	BAISAN DEVELOPMENT AND REAL ESTATE MANAGEMENT	4 STAR HOTEL @ JUFFAIR - MANAMA
572	TERNA - MINISTRY OF HOUSING	AMAS 3 PROJECT
573	MR. KHALED (MR.MAHMOOD AHMED ISMAIEL)	HIDD NEAR KHALIFA PARK
574	MR. SAEED AL MAHOZI	2 STOREY VILLA @ ZALLAQ
575	BSTS TATWEER PERTORLEUM	GROUND INVESTIGATION - WET LAND WATER TRETMENT
576	NSH-NASSIR HAZZA AL SUBAEI FOR CONTRACTING W.L.L	EARTH HOLE
577	NSH-NASSIR HAZZA AL SUBAEI FOR CONTRACTING W.L.L	EARTH HOLE
578	BSTS	EARTH HOLE
579	ABDULLA AMIN AHMED MOHAMED	4 STOREY BUILDING @ HIDD
580	AL HASSANIAN CO.BSC	WESTERN COAST NEW JETTY AT SITRA
581	TAMEER ENGINEERING	3 STOREY COMMERCIAL BUILDING @ HIDD
582	AL KOOHEJI ELECTRIAL CONTRACTING	400 KV TRANSMISSINO DEVELOPMENT
583	AREF SADEQ DESIGN CONSULTANTS	TALENT INTERNATIONAL SCHOOL @ BUSITEEN
584	POULLAIDES CONSTRUCTION COMPANY	EARTH HOLE - ALBA POTLINE 6
585	POULLAIDES CONSTRUCTION COMPANY	PROBE DRILLING - ALBA POTLINE 6
586	NSH-NASSIR HAZZA AL SUBAEI FOR CONTRACTING W.L.L	PROBE DRILLING - ALBA POTLINE 6
587	NSH-NASSIR HAZZA AL SUBAEI FOR CONTRACTING W.L.L	PROBE DRILLING - ALBA POTLINE 6
588	EGLE HILLS	MARASSI AL BAHRAIN
589	BSTS	EARTHING HOLE- ALBA POTLINE 6
590	DANIELI CONSTRUCTION	ALBA POTLINE -6 SUPPLY OF SURVEYORS (AUGUST 2018)
591	NASS CONTRACTING	EARTH HOLE - ALBA POTLINE 6, PTM RELINING DELINING
592	FIVE SOLIOS	EARTH HOLE - ALBA POTLINE 6- CARBON AREA
593	NASS CONTRACTING	EARTH HOLE - ALBA POTLINE 6- CENTAL PASSAGE GTC-2
594	NASS CONTRACTING	EARTH HOLE - ALBA POTLINE 6- NORTH PASSAGE + NORTH RETAININF WALL
595	ALMOAYYED ELECTRICAL & INSTRUMENT SYSTEM	EARTHING HOLE -BAPCO REFINERIES LANDFILL AREA
596	NASS CONTRACTING	EARTH HOLE- ALBA POTLINE 6 - ELECTRICAL ROOM GTC-1
597	TAZH DESIGN ASSOCIATES W.L.L	SOUTH ALBA INDUSTRIAL AREA
598	NASS CONTRACTING	ALBA LINE 6 - CIVIL MOBILISATION WORK FOR GAMA
599	DANIELI CONSTRUCTION	ALBA POTLINE -6 SUPPLY OF SURVEYORS (AUG & SEPT 2018)
600	ALMOAYYED ELECTRICAL & INSTRUMENT SYSTEM	EARTH HOLE -BAPCO TANK FARM AREA (60NOS)
601	WTE	SURVEY WORK @ TUBLI
602	TAMEER ENGINEERING / ABDULAZIZ MOHAMED ABDULLA MOHAMED AL JASMI	PROPOSED 5 STOREY COMMERCIAL & RESIDENTIAL BUILDING
603	MCSC-MECHANICAL CONTRACTING & SERVICES COMPANY WLL	EARTH HOLE - COMPRESSOR STATION -4 , ALBA POTLINE -6
604	MCSC-MECHANICAL CONTRACTING & SERVICES COMPANY WLL	EARTH HOLE - COMPRESSOR STATION -4 , ALBA POTLINE -6
605	NSH-NASSIR HAZZA AL SUBAEI FOR CONTRACTING W.L.L	EARTH HOLE - ALBA POTLINE -6, 6344,6386,6621/02, 6352, 6631, 6351 POTLINE -3, CARBON/ CAST HOUSE
606	NASS CONTRACTING	EATRHING HOLE - POTROOM E & F , ALBA
607	BSTS	EARTHING HOLE- ALBA POTLINE 6
608	OUTOTEC GMBH	EARTHING HOLE- ALBA POTLINE 6
609	BSTS	EARTHING HOLE- EAST SIDE OF HF
610	AXION IMAGINEERING	PROPOSED DEVELOPMENT- SOUTH SIDE OF EXISTING BUILDING OF ROTUNDA BEACH VILLA AT JIDDAH ISLAND
611	WTE	TUBLI EXPANSION PHASE4
612	SIMPLEX ALMOAYYED	17 STOREY BUILDING @ MAHOOZ
613	NASS CONTRACING	EARTHIN HOLES - GTC -1 SILO -1 ALBA POTLINE 6
614	EGIS CONTACTING	SUPPLY OF SURVEY TEAM- SKBS HIGHWAY
615	PANORAMA CONTRACTING AND ENG.SERV.	EARTHING HOLE - DIYAR AL MUHARRAQ
616	BSTS	3 NEW KHUFF WELLS @ TATWEER
617	AL KOMED ENGINEERING	EATHING HOLE - BAPCO ADP NEW STORE @ ALBA



GEOTECHNICAL DEPARTMENT LIST OF COMPLETED AND ONGOING PROJECTS

SL.NO.	CLIENT	PROJECT
618	NSH-NASSIR HAZZA AL SUBAEI FOR CONTRACTING W.L.L	EARTHING HOLE - ALBA POTLINE 6
619	DANIELI CONSTRUCTION	SUPPLY OF SURVERYOR - ALBA POTLINE 6
620	NASS CONTRACTING	SUPPLY OF SURVERYOR - ALBA PDS
621	MR. ABDULLA AMIN (RACHED CONSTRUCTION)	SOIL INVESTIGATION @ AMWAJ
622	ARABIAN EAST BUREAU	RESIDENTIAL DEVELOPMENT AT ZALLAQ FOR AL-FATEH REAL ESTATE PLOT NO 11000430
623	BSTS	EARTHING HOLE - CABON AREA (ONLY MOB/DEMOB)
624	BSTS	EARTHING HOLE - ALBA POTLINE 6
625	BSTS	EARTHING HOLE - NEAR CABON AREA
626	KIMS HOLDING COMPANY	SOIL INVESTIGATION- UMM AL HASSAM REHABILITATION CENTER
627	AL AALI ENGINEERING	SOIL INVESTIGATION - 5 STOREY BUILDING @ HOORA
628	BSTS	EARTHING HOLE - NEAR CABON AREA (4 NOS)
629	BSTS	EARTHING HOLE - NEAR CABON AREA (6 NOS)
630	ARCADIS CONSULTING MIDDLE EAST LIMITED	WASTE WATER PLANT-KHALIFA CITY
631	ROI PLANT - (PANORAMA)	EARTHING HOLE - ALBA
632	SEPCO III	AL DUR PHASE 2 & WATER PLANT
633	NASS CONTRACTING	EARTHING HOLE- GAMA SITE - ALBA POWER STATION 5
634	NASS CONTRACTING	EARTHING HOLE- ELECTRICAL WORK FOR PTM SUBSTATION
635	NASS CONTRACTING	EARTHING HOLE- BRIAN WORK
636	AECOM	TOPO GRAPHIC SURVEY - UMM AL SAAD AVENUE
637	EAGLE HILLS DIYAR	MARASSI AL BAHRAIN
638	CHAPO	FOUR VILLA @ JANAIBIYA
639	SIEMENS LLC	ROAD CROSSING ANALYSIS
640	BAHRAIN MECHANICAL CONSTRUCTION CO.	PROPOSED WARE HOUSE, PLOT NO: D 07, BIW @ HIDD
641	NASS CONTRACTING	EARTHING HOLE- ALBA POTLINE 6- GTCI- NORTH PASSAGE
642	COMSIP ACTEMIUM-TATWEER	3MW SOLAR CO-398-2017
643	MIDDLE EAST SURVEY ENGINEERING	HIRING THE SERVICE OF HYDROGRAPHIC SURVEYOR
644	NSH-NASSIR HAZZA AL SUBAEI FOR CONTRACTING W.L.L	EIRTHING HOLE STC BAYAN SCHOOL
645	BAPCO	UG SURVEY - BAPCO TANK FARM AREA
646	SHEREEN TOWER	EARTHING HOLE - STC BAYAN SCHOOL
647	BAPCO	SURVEY SERVICES - PROVISION OF LAND SURVEYING SERVICE
648	WTE	ESTABLISHMENT OF CONTRACT POINTS - TUBLI WATER POLLUTION CONTRL CENTRE
649	BAHRAIN ASPHALT	SUPPLY OF PORTACABIN - SOIL NAILING PROJECT
650	OUTOTEC GMBH	SUPPLY OF SURVEYOURS - ALBA POTLINE 6
651	TOTAL CONTRACTING	SUEVEY OF STOCK PILE @ HIDD
652	OUTOTEC GMBH	EARTHING HOLE - HOT LOOP AND ANODE RODDING SHOP
653	POULLAIDES CONSTRUCTION COMPANY	EARTHING HOLE - ALBA NON- PROCESSING BUILDING
654	NSH-NASSIR HAZZA AL SUBAEI FOR CONTRACTING W.L.L	EARTHING HOLE - CAST HOUSE AND GTC -01
655	NASS CONTRACTING	EARTHING HOLE - ALBA LINE 6 POWER DISTRIBUTION SYSTEM
656	DANIELI CONSTRUCTION	SURVEY -CARBON AREA
657	MAZEN ALUMRUN (MACE)	ROAD STRENGTHENING - DESSIGN ADEQUACY REPORT
658	AL KOOHEJI ELECTRICAL CONTRACTORS AND CONST.W.L.L	INSTALLATION FF DN 1000 WT PIPELINE FROM AL DUR FS TO HIGHWAY 96 SECTION B1 @ALONG KING HAMAD HIGHWAY
659	BSTS	EARTHING HOLE - HTS/LTS BUILDING
660	NASS CONTRACTING	EARTHING HOLE - GTC 2 (GRID -87-90) TRENCH C
661	DADABAI ENSHA INTERNATIONAL W.L.L	PROPOSED 13 PRIVET VILLAS -HAMALA
662	ELEVATION ARCHITECTS AND ENGINEERING	ALBA INTERNATIONAL SCHOOL @ RIFFA
663	ELEVATION ARCHITECTS AND ENGINEERING	PROPOSED 4 STOREY YOUTH CARE FACILITY @ A'ALI
664	PANORAMA CONTRACTING AND ENG.SERV.	EARTH HOLE - HIDD ELECTRICAL & EARTHING- SKBS DS
665	ACRADIS	SOIL INVESTIGATION - EAST SITRA
666	MILLET INTERNATIONAL ARCH .ENGG	TOPO GRAPHIC SURVEY - GALALI
667	BSTS	EARTHING HOLE - HARMONIC FILTER AREA -ALBA LINE -6
668	NASS CONTRCTING	EARTHING HOLE - POOTROON F - (ALBA LINE 6)
669	MIDDLE EAST ARCHITECT	SOIL INVESTIGATION -4 STOREY BUILDING ST RAS ZUWAYED



GEOTECHNICAL DEPARTMENT LIST OF COMPLETED AND ONGOING PROJECTS

SL.NO.	CLIENT	PROJECT
670	AL KOMED ENGINEERING SERVICES	SOIL INVESTIGATION -4665/2013/3100 (A)-400KV TRANSMISSION DEVELOPMENT (2009-2013), 400KV CABLE WORKS - ASU CROSSING
671	M.A. AL KHARAFI	EARTHING HOLES - CARDIAC CENTER
672	NASS CONTRACTING	EARTHIN HOLES - POTROOM E, TRENCH A
673	NASS CONTRACTING	EARTHING HOLES - ROAD 120, NEAR ENTRANCE 4
674	ABDUL RAHMAN EBRAHIM AL MOOSA CO. (EWA)	REPLACEMENT OF 11KV CABLE -ABU AL AISH, UM AL BAIDH
675	NASS CONTRACTING	EARTHING HOLES - REDUCATION AREA SUBSTATION
676	POULLAIDIES CONSTRUCTION CO.	EARTHING HOLE - NEAR CARBON AREA - ALBA POTLINE 6
677	AL KOOHEJI ELECTRICAL / BAPCO	4WKV LOOP PROJECT (82)- HLDD TO RLFFA CONTRACT NO. 4664/2014/3100 @ SITRA
678	AHMED MANSOOR AL ALI	SURVEY WORK - AS BUILT OF LINE 6747-AP-50-0161-C1E2EE
679	TERNA CGCE	BUND SAFETY ANALYSIS- AMAS PROJECT
680	ITHAMAR DEVELOPMENT CO	DEMON REHAB CENTER - IDC-DIL-WRD-DELREH/O119, DILMUNIA GROUND
681	SALEH ABDULLA KAMESHKI	EARTH HOLE - OLD PALACE RIFFA
682	AL KOOHEJI ELECTRICAL / BAPCO	BATHYMETRIC SURVEY - 400 LOOP PROJECT
683	GULF AISA CONTRACTING	EARTHIG HOLE - WAREHOUSE ALBA LINE - 6
684	NASS CONTRACTING	EARTHING HOLE - GTC 1 ALBA LINE - 6
685	ARACADIS	TOPOGRAPHIC SURVEY - EAST SITRA & KHALIFA CITY - STPS
686	OUTOTEC GMBH	EARTHING HOLE - CARBON AREA 5, NEW BUILDING
687	NSH-NASSIR HAZZA AL SUBAEI FOR CONTRACTING W.L.L	EARTHING HOLE - GTC1 ALBA POTLINE 6
688	MAZEN ALUMRUN/BAPCO	SOIL INVESTIGATION - BAPCO SERVICE STATION AL SAGH
689	NSH-NASSIR HAZZA AL SUBAEI FOR CONTRACTING W.L.L	EARTHING HOLE - GTCI - ALBA POTLINE 6
690	AL KOOHEJI ELECTRICAL COM.	EARTHING HOLE - 66KV SUBSTATION - AL DHALE
691	BAPCO	UNDER GROUND INVESTIGATION - NEXT TO 7C603 COLUMN & STRIPPER FOUNDATION IN FCCU
692	MAZEN ALUMRAN -BAPCO	SOIL INVESTIGATION - REDEVELOPMENT OF BAPCO SERVICE STATION - MDINAT SALMAN
693	MAZEN ALUMARAN -BAPCO	SOIL INVESTIGATION - REDEVELOPMENT OF BAPCO SERVICE STATION - MAMEER
694	AL KOOHEJI -EWA	SOIL INVESTIGATION 220KV -DAM -AMWAJ
695	POULLAIDES CONSTRUCTION COMPANY	EARTHING HOLES - ALBA POTLINE 6 (NBP) -6642
696	CHAPO ASKAR	SOIL INVESTIGATION - ASKER
697	SHEREEN TOWER	EARTHING HOLES - PINING UNIT 2 PC
698	OUTOTEC GMBH	EARTHING HOLES - ALBA POTLINE -CARBON NEW BUILDING
699	NASS CONTRACTING	EARTHING HOLES - POTROOM E ALBA POTLINE 6
700	NASS CONTRACTING	EARTHING HOLES - POTROOM F ALBA POTLINE 6
701	NASS CONTRACTING	EARTHING HOLES - GTC1 - NEAR RAMP ALBA POTLINE 6
702	NASS CONTRACTING	EARTHING HOLES - GTC1 - SUBSTATION, POTROOM F (ALBA)
703	BSTS	EARTHING HOLES -HF65 WEST SIDE - ALBA POTLINE6
704	SANDAY EXCAVATION	SOIL INVESTIGATION (ENVIRONMENTAL BOREHOLE) - HAFEERA
705	NASS CONTRATING	EARTHING HOLES - SOUTH LAYDOWN WAREHOUSE BMP- BAPCO -TCF PROJECT
706	METITO OVERSEAS WATER TREATMENT	EARTHING HOLE - TEMPORARY STP @ SOUTHERN NEW TOWN PROJECT AT AL DUR
707	BAHRAIN SOCIETY OF SOCIOLOGISTS	GEOTECHNICAL SITE INVESTIGATION AT PLOT NO: 09061728, RIFFA
708	BAPCO	UNDRE GROUND CABLE LOCATOR @ BAPCO
709	NASEEJ BSC.	MARINE WORKS AT AMWAJ
710	MIYAR FACTORY FOR FOODS CO W.L.L	REPORT ON THE GROUND INVESTIGATION,AT PLOT NO: 31010359, BIW, HIDD
711	GULF ASIA CONTRACTING COMPANY LLC	EARTHING HOLE - 6344 ALBA POTLINE 6
712	NASS CONTRACTING	EARTHING HOLES - POTROOM E & POTROOM F
713	EGIS CONTACTING	SURVEY - BAHRAIN INTERNATIONAL AIRPORT - CARGO EXPRESS VILLAGE
714	AIRMECH	SUPPLY OF SURVEYOURS - ALBA POTLINE 6



GEOTECHNICAL DEPARTMENT LIST OF COMPLETED AND ONGOING PROJECTS

SL.NO.	CLIENT	PROJECT
715	EMAAR ARCHITECTS-AL RAHA REAL ESTATE	TWO STOREY VILLA @ BUDAIYA
716	EMAAR ARCHITECTS-AL RAHA REAL ESTATE	THREE STOREY VILLA @ BUDAIYA
717	MIDDLE EAST ARCHITECT (MR. ABDUL HAMEED BANAFI)	PROPOSED PERFUME FACTORY @ BIIP, HIDD
718	AL JAMEEL CONSTRUCTION	MULTI STOREY BUILDING @ JUFFAIR
719	NASS CONTRACTING	EARTHING HOLE - GTC-2 ALBA POTLINE 6
720	NASS CONTRACTING	EARTHING HOLE- POTROOM F, ALBA POTLINE 6
721	NASS CONTRACTING	EARTHING HOLE- POTROOM E, ALBA POTLINE 6
722	BYRNE LOOBY PARTNESS LTD	FUTURE GENERATION RESERVE FUND MANAMA
723	AL KOOHEJI ELECTRICAL	220 KV REINFORCEMENT AND DIVERSION CABLE WORKS (SHAMAL AL FATEH - HIDD & UMM AL HASSAM)
724	MAZEN ALUMRAN (MACE)	SERVICE STATION BAPCO @ AWALI
725	NASS CONTRATING	EARTHING HOLE - SUBATATION ON ROAD 120
726	NASS CONTRATING	PROBE DRILLING - OPEN CAVITIES (POTROOM E,F GTCI SUBSTATION, LOOBY 8 & 9 , ROAD 120 CAVITY)
727	MINISTRY OF WORKS	REPAIR OF ROTARY HEAD USED WITH DRILLING RIG
728	WTE	CONSTRUCTION OF BENCH MARK @ TUBLI STP
729	BUILDCARE SOLUTIONS BAHRAIN WLL	PROPOSED RESTAURANT AT ADLIYA
730	MAZEN ALUMRAN CONSULTING ENGINEERS	PROPOSED CAMP AND RESIDENTIAL BUILDING @ MANAMA
731	GULF ASIA CONTRACTING COMPANY LLC	ALBA POTLINE 6 - 6621-01
732	BAHRAIN SOCIETY OF ENGINEERS	MOHAN DISEEN COMPLEX AT JUFFAIR
733	DANIELI & C. OFFICINE MECCANICHE SPA- BAHRAIN BRANCH	ALBA POTLINE 6 - CAST HOUSE
734	DANIELI & C. OFFICINE MECCANICHE SPA- BAHRAIN BRANCH	ALBA POTLINE 6 - CAST HOUSE
735	NSH-NASSIR HAZZA AL SUBAEI FOR CONTRACTING W.L.L	GROUND WATER MONITORING WELL -A1- BMP
736	DELTA CONSTRUCTION CO. W.L.L	ALBA POTLINE 6, BILLET WATER COOLING(6585)
737	AL KOOHEJI ELECTRICAL CONTRACTORS & CONSTRUCTION W.L.L	PRIORITY PIPELINE WORKS @ AL DUR
738	AL KOOHEJI ELECTRICAL CONTRACTORS & CONSTRUCTION W.L.L	400KV CABLE WORK - RAS LEGRAM
739	GULF ASIA CONTRACTING COMPANY LLC	EARTHING HOLE - ALBA POTLINE 6 - 663101B
740	GULF ASIA CONTRACTING COMPANY LLC	PROBE DRILLING FACILITY 6621- ALBA POTLINE 6
741	NASS CONTRACTING	EARTHING HOLE - POOTROOM F - (ALBA LINE 6)
742	NASS CONTRACTING	PROBE DRILLING - LOBBY 7 TO 8 ROAD 100
743	NASS CONTRACTING	PROBE DRILLING - LOBBY 11 TO 12 ROAD 100
744	NASS CONTRACTING	EARTHING HOLE - SUBATATION ON ROAD 100
745	VEOLIA ENERGY GULF W.L.L	EARTHING HOLES - BAHRAIN BAY (PARAGON UTILITIES)
746	PANORAMA CONTRACTING AND ENG.SERV.	SOIL INVESTIGATION - EWA @ AL DUR
747	MIDDLE EAST ARCHITECTS	PROPOSED JASMI'S CORPORATION CONTAINER PARK
748	WTE	SURVEY -TUBLI STP
749	ITHAMAR DEVELOPMENT CO	EARTHING WORKS - DILMUNIA VISITOR CENTER
750	MANARA DEVELOPMENT COMPANY	WORKSHOPS PHASE 3 PROJECT AT IGB, HIDD
751	BIW/ AREF SADEQ CONSULTANCY	BIW LABOUR ACCOMODATION PHASE 3 & 4
752	CROWN ELECTRO-MECHANICAL SERVICES	EARTHING HOLE - GO-205-400KV TRANSMISSION DEVELOPMENT-LS CABLES
753	TAMEER ENGINEERING / MR. RASHED	SOIL INVESTIGATION - 4 STOREY BUILDING @ DIYAR AL MUHARRAQ
754	NSH-NASSIR HAZZA AL SUBAEI FOR CONTRACTING W.L.L	COMMENT ON TOWER CRANE FOUNDATION -BMP
755	DESIGN HOUSE	SOIL INVESTIGATION - WAREHOUSE @ AL MUHARRAQ
756	AL KOMED ENGINEERING	GROUTING WORKS- 400KV WORKS - ASU CROSSING
757	ISMAIL KHONJI ASSOCIATES CONSULTING ENGINEERS,	SOIL INVESTIGATION- ISA TOWN UNDERPASS
758	GULF ASIA CONTRACTING COMPANY LLC	PROBE DRILLING- FACILITY 6621-01 GENERAL SERVICES WORKS
759	DTEB	SOIL INVESTIGATION -MUHARRAQ MAJLIS PROJECT
760	ALFOUZAN	SOIL INVESTIGATION - KING ABDULLA BIN ABDUL AZIZ MEDICAL CITY
761	ENOVA BAHRAIN	GROUNG WATER MONITORING WELL FOR BAHRAIN CITY CENTER
762	BAPCO	EARTHING HOLE - TANK FARM AREA
763	CYBROC (CYPRESS BUILDING AND ROAD CONSTRUCTION)	EARTHING HOLE VILLAS AT JANABIYA
764	ISMAIL KHONJI ASSOCIATES CONSULTING ENGINEERS,	SOIL INVESTIGATION - TWO STOREY 2 VILLAS @ RIFFA
765	SKD - GAMA	EARTHING HOLE - GAMA ALBA POTLINE PS5



GEOTECHNICAL DEPARTMENT LIST OF COMPLETED AND ONGOING PROJECTS

SL.NO.	CLIENT	PROJECT
766	AL KOOHEJI ELECTRICAL CONTRACTORS	SOIL INVESTIGATION - INSTALLATION OF 220KV CABLE CIRCUITUS
767	AL KOOHEJI ELECTRICAL CONTRACTORS	SOIL INVESTIGATION - INSTALLATION OF 400 KV CABLE BETWEEN RIFFA AND RAS LEGRAIN
768	BYRNE LOOBY PARTNESS LTD	SURVEY - ALBA TRESTLE ROUTE SURVEY – SOUTH OF SITRA / NUWAIDRAT
769	SHEREEN TOWER	EARTHING HOLES - WEST POINT UNIT 1&(2 GENERATOR AREA)
770	AECOM	TOPOGRAPHIC SURVEY - WADI AL BUHAIR
771	AL KOOHEJI ELECTRICAL CONTRACTORS	EARTHING HOLE - CABLE LAYING WORK - AL DUR (BDF)
772	EGIS CONTACTING	TROPOGRAPHIC SURVEY - MORDELEZ BIIP
773	K.G PROPERTIES	PROPOSED RESIDENTIAL BUILDING AT REEF
774	AYMAN ALSAEED ARCHITECTS & ENGINEERS	PROPOSED 4 STOREY COMMERCIAL & OFFICE BLDING
775	POULLAIDES CONSTRUCTION COMPANY W.L.L	EARTHING HOLE - ALBA NON PROCESS BUILDING
776	MAZEN ALUMRAN CONSULTING ENGINEERS	SOIL INVESTIGATION - BAPCO SERVICE STATION (AL NOZHA)
777	TMAM CONTRACTING	SOIL INVESTIGATION - PROPOSED SHAIKH FAISAL BIN HAMAD AL KHALIFA MOSQUE AT PLOT NO: 10028436, HAMAD TOWN
778	AL KOOHEJI ELECTRICAL CONTRACTORS & CONSTRUCTION W.L.L	400KV TRANSMISSINO (HIDD - WATER FRONT TO EMBASSY)
779	JASCO	SOIL INVESTIGATION - PART 4 PUMPING STATION - SH. ZAYED HIGHWAY IMPORT PHASEL
780	GAMA	SLOPE STABILISATION WORKS - ALBA POTLINE 6-PS5
781	AL KOOHEJI ELECTRICAL CONTRACTORS & CONSTRUCTION W.L.L	SOIL INVESTIGATION - INSTALLATION OF 400KV CABLES BETWEEN RIFFA S/S TO RASLEGRAIN
782	PROLEED MECHANICAL ENGINEERING CONSULT	SOIL INVESTIGATION - PROPOSED REFURBISHMENT OF BAHRAIN MALL SANABIS
783	SEPAM	EARTHING HOLE - ALBA POTLINE - 6
784	MAHMOOD AKBAR ALIREZA CO. W.L.L	CONSTRUCTION OF PETROL STATION AT M-18, RIFFA AIR BASE
785	TAMEER ENGINEERING / RASHED ALBUFALAH REAL ESTATE DEVELOPMENT CO. S.P.C	PROPOSED 5 STOREY BUILDING @ HIDD
786	PANORAMA CONTRACTING & ENGINEERING SERVICES W.L.L	HIDD FORWARDING STATION - C 387/4618A
787	ARABIAN INTERNATIONAL CONTRACTING CO.W.L.L	PROPOSED LABOUR ACCOMODATION BUILDING AT MA'AMEER (AICI 9036-A) PLOT NO: 06015830 BLOCK 636
788	TAMEER ENGINEERING /MOHAMMED ABU AL FATH ALI ABU AL FATH	PROPOSED 2 STOREY BUILDING @ RIFFA
789	AHMED MANSOOR AL - A ALI CO B.S.C	IWPP - AL DUR METERING STATION
790	ALKOMED ENGINEERING SERVICES CO.	PROPOSED HDD CABLE FOR 11 KV CABLE CIRCUIT @ AL DUR
791	AL KOOHEJI ELECTRIAL CONTRACTING	400KV TRANSMISSION 220KV WATERFRONT- NEW UMM AL HASSAM
792	YOUSIF AL-ZAYANI TRADING & CONTRACTING CO.W.L.L	ACADEMIC BLOCK & SPORTS HALL FOR GIRLS PRIMARY SCHOOL AT WEST RIFFA
793	AL KOOHEJI ELECTRIAL CONTRACTING	400KV TRANSMISSION
794	POULLAIDES CONSTRUCTION COMPANY W.L.L	AWALI PETROL STATION
795	GULF ASIA CONTRACTING COMPANY LLC	ALBA - 6621-01
796	AL KOOHEJI ELECTRIAL CONTRACTING	400KV TRANSMISSION DEVELPOMENT BUSAITEEN
797	POULLAIDES CONSTRUCTION COMPANY W.L.L	EARTHING HOLE - BAPCO PETROL STATION AT SALMAN CITY
798	SUPREME COUNCIL FOR ISLAMIC AFFAIRS-MOSQUE MUHARRAQ	SOIL INVESTIGATION - SHEIKH HAMAD MASJID-MCLSQUE
799	POULLAIDES CONSTRUCTION COMPANY W.L.L	EARTHING HOLE - BAPCO PETROL STATION AT AWALI
800	POULLAIDES CONSTRUCTION COMPANY W.L.L	EARTHING HOLE - BAPCO PETROL STATION AT AWALI
801	POULLAIDES CONSTRUCTION COMPANY W.L.L	EARTHING HOLE - BAPCO PETROL STATION AT MA'AMEER
802	MR MOHAMED REDHA	SOIL INVESTIGATION - PROPOSED 3 STOREY VILLA AT AL EKER
803	YAQOOB MAKLAH	SOIL INVESTIGATION -10 STOREY BUILDING AT UM AL HASSAM
804	S K MAT INTERIOR DECORATION SPC	SOIL INVESTIGATION -BLUE BIRD WARE HOUSE AT DIYAR AL MUHARRAQ
805	MINISTRY OF WORKS	REPLACEMENT OF DRILLING RIG ON NEW VECHICLE
806	CROWN ELECTRO-MECHANICAL SERVICES	SOIL INVESTIGATION -400KV TRANSMISSION LINE AT ALBA
807	NSH-NASSIR HAZZA AL SUBAEI FOR CONTRACTING W.L.L	UG SURVEY - BAPCO KITCHEN AREA SCANING



GEOTECHNICAL DEPARTMENT LIST OF COMPLETED AND ONGOING PROJECTS

SL.NO.	CLIENT	PROJECT
808	POULLAIDES CONSTRUCTION COMPANY W.L.L	BAPCO PETROL STATION AT MA'AMEER
809	ARABIAN INTERNATIONAL CONTRACTING CO.W.L.L	EARTHING HOLE - HARSCO PROJECT
810	POULLAIDES CONSTRUCTION COMPANY W.L.L	EARTHING HOLE - BAPCO S.S @ AL SAYE BUSAITEEN
811	POULLAIDES CONSTRUCTION COMPANY W.L.L	EARTHING HOLE - BAPCO S.S @ AL SAYE BUSAITEEN
812	CHAPO	SOIL INVESTIGATION - MOH -AMAS (SOCIAL APARTMENT) PLOT 17 & 18
813	MAZEN ALUMRAN CONSULTING ENGINEERS	SOIL INVESTIGATION - CONSTRUCTION AND REDEVELOPMENT OF BAPCO SERVICE STATION AT AWAL
814	AL KOOHEJI ELECTRICAL CONTRACTING	SOIL INVESTIGATION - 400 KV TRANSMISSION DEVELOPMENT - RAS LEGRAIN SUBSTATION
815	POULLAIDES CONSTRUCTION COMPANY W.L.L	EARTHING HOLE - BAPCO PETROL STATION AT MADINA SALMAN CITY
816	POULLAIDES CONSTRUCTION COMPANY W.L.L	BAPCO PETROL STATION AT MA'AMEER
817	MOHAMMED HASAN DAWANI & SONS BSC	PROPOSED 2 WAREHOUSES AT SALMABAD
818	CROWN ELECTRO MECHANICAL SERVICES W.L.L	GO-205-400 KV TRANSMISSION DEVELOPMENT - LS CABLES @ AL DUR
819	ESKAN BANK/ AL RAHA REAL ESTATE	TRIAL PIT EXCAVATION - CONSTRUCTION OF 121 VILLAS AT BUDAIYA
820	BUILDING MAINTENANCE DIRECTORATE /MINISTRY OF WORKS	SOIL INVESTIGATION - SH. MOHAMMED BIN ISA PRIMARY BOYS @ MUHARRAQ
821	AL HASSANIAN CO.BSC	SOIL INVESTIGATION - MARINE CONSTRUCTION & RECLAMATION WORKS PLOT 02029351 AT AMWAJ, BORROW AREA 2B
822	MIDDLE EAST FOUNDATION	SOIL INVESTIGATION - (PLOT NO. 5174) AT BUSAITEEN (NABEEL YUSUF AMEEN)
823	JAHECON SPC	SOIL INVESTIGATION - DANNAT AL BARAKA RESIDENTIAL DEVELOPMENT BP /53/267436/MC/05/2019
824	CEBARCO	EARTHING HOLE
825	ARABIAN INTERNATIONAL CONTRACTING CO.W.L.L	EARTHING HOLE - ALUSERV- HARSCO PROJECT
826	AL KOOHEJI ELECTRICAL CONTRACTORS & CONSTRUCTION W.L.L	CONTRACT NO.4004-2018-4300 MTC-ETD-ELECTRICAL 220KV & 66KV TRANSMISSION DEVELOPMENT 2007-2011 LOOP IN OF 220KV CABLECIVIL WORKS - EAST SITRA
827	AL KOOHEJI ELECTRICAL CONTRACTORS & CONSTRUCTION W.L.L	CONTRACT NO.4004-2018-4300 MTC-ETD-ELECTRICAL 220KV & 66KV TRANSMISSION DEVELOPMENT 2007-2011 LOOP IN OF 220KV CABLECIVIL WORKS - RAS ZUWAID
828	MR. EBRAHIM MUSALLAM ABDULLA AL SAOOD	PROPOSED THREE STOREY BUILDING AT RIFFA
829	KREMS CONSTRUCTION AND TRADING EST. CO.W.L.L	PROPOSED PRIVATE VILLA FOR MR.NAWFAL ALKHUHAIRY AT AMWAJ ISLAND
830	MR.HATAM JAFFAR MOHAMED YAHYA	PROPOSED THREE STOREY BUILDING AT AL QURAYA
831	HAJ QUANTITY SURVEYORS CO SPC	PROPOSED CAR PARK BUILDING -AGU
832	AECOM	MARSA CAUSEWAY UPGRADE- MANAMA I SEA FRONT
833	HIDD POWER COMPANY WATER INTAKE	HYDROGRAPHIC SURVEY -HIDD
834	NSH-NASSIR HAZZA AL SUBAEI FOR CONTRACTING W.L.L	ALBA POTLINE 6 , JCB HIRING
835	AL KOOHEJI ELECTRICAL CONTRACTORS & CONSTRUCTION W.L.L	ISA TOWN NORTH-WATERFRONT (MADE BY L1LO OF ISA TOWN NORTH-NEW UMM AL HASSAM)
836	DOWN TOWN CONSTRUCTION COMPANY W.L.L	MANAMA WATER GARDEN @ EAST AND WEST POND
837	ARADOUS CONTRACTING AND MAINTENANCE CO. W.L.L	1901 -OSHEALTH CENTRE AT MADINAT KHALIFA
838	EGIS INTERNATIONAL	BAHRAIN INTERNATIONAL AIRPORT (CARGO EXPRESS VILLAGE - LOGISTICS CENTRE)
839	CROWN ELECTRO MECHANICAL SERVICES W.L.L/ LS CABLE & SYSTEMS LTD	400 KV TRANSMISSION DEVELOPMENT 400KV CABLE FEEDERS-CIVIL WORKS AND INSTALLATION, SECTION 27
840	HH BRIGHTMAS CONSTRUCTION	2 UNITS OF 2 STOREY VILLA AT SAAR
841	MR.ABDULLA AMIN AHMED MOHAMED	9-STOREY BUILDINGS AT HIDD
842	NASS ELECTRICAL CONTRACTING CO. W.L.L	EARTHING HOLE - MARASSI AL BAHRAIN - DIYAR AL MUHARRAQ
843	VEOLIA ENERGY GULF W.L.L	EARTHING HOLE - CPARAGON UTILITIES BUILDING AT BAHRAIN BAY



GEOTECHNICAL DEPARTMENT LIST OF COMPLETED AND ONGOING PROJECTS

SL.NO.	CLIENT	PROJECT
844	ESB INTERNATIONAL CONSULTING ENGINEERS	220 KV & 66KV TRANSMISSION DEVELOPMENT (2012-2016) RECONNECTION OF KHALEEJ AL BAHRAIN-BUSAITEEN 66KV CABLE - EMBASSY-KHALEEJ AL BAHRAIN-SOUK AL MUHARRAQ ROUTE
845	AMA	EARTHING HOLE - AL DUR II METERING STATION
846	POULLAIDES CONSTRUCTION COMPANY W.L.L	SHORT CRETE APPLICATION
847	AL JAMEEL CONSTRUCTION W.L.L	ADDITIONAL ACADEMIC BLOCK FOR SHEIKH MOHAMED BIN KHALIFA BOYS PRIMARY SCHOOL AT BUDAIYA
848	AL FOUZAN	KING ABDULLA BIN ABDUL ALIZ MEDICAL CITY
849	ST.MARY'S ORTHODOX SYRIAN CHURCH	MODIFICATION AND EXPANSION OF CHURCH BUILDING AT SALMANIYA
850	AL HASSANAIN B.S.C CLOSED	AMWAJ BORROW AREA 1C
851	AL HASSANAIN B.S.C CLOSED	AMWAJ PLOT - 02029351
852	MERLTAS REAL ESTATE / OASIS	COORDINATES - AMWAJ PARK
853	AL KOOHEJI ELECTRICAL CONTRACTORS & CONSTRUCTION W.L.L	PART 2 - BETWEEN AVE 96 AND TATWEER 220 KV STATION
854	AL KOOHEJI ELECTRICAL CONTRACTORS & CONSTRUCTION W.L.L	PART 3 - 4(X)KV CABLE CIRCUITS 2 & 4
855	AL KOOHEJI ELECTRICAL CONTRACTORS & CONSTRUCTION W.L.L	PART 1: BETWEEN 400 KV RLFFA' A STATION AND AVE 96
856	CHAPO	SOIL INVESTIGATION - MOH -AMAS ISLAND-12 016/17
857	ELEVATION ARCHITECTS AND ENGINEERING	UNITED PAPER INDUSTRIES -NORTH SITRA INDUSTRIAL AREA
858	TAMEER ENGINEERING	ONE STOREY VILLA @ AL MARKH
859	NASS ELECTRICAL CONTRACTING CO. W.L.L	BATHYMETRIC SURVEY - BAHRAIN BAY
860	TAMEER ENGINEERING	THREE STOREY RESIDENTIAL VILLA @ GUDAIBIYA
861	SALEH ABDULLA KAMESHKI & SONS B.S.C ©	PROPOSED AL RABEEH CENTER AT MANAMA FOR AL FATEH REAL ESTATE COMPANY
862	NASS CONTRACTING	MOSQUE AT MAQABAH FOR SUNNI WAQF DIRECTORATE
863	AL HASSANAIN B.S.C CLOSED	SULB COMPOUND HIDD - CONSTRUCTION OF WHARF
864	UNANIME	AL JASRA WELLNES CENTER
865	DELTA CONSTRUCTION CO W.L.L	SPL STORAGE & PROCESSING FACILITY AT ALBA
866	JASCO -WESTORN BAINOONA GROUP	PART 5 PUMPING SH. SAYED HIGHWAY IMP PHASE 1 @ SALMABAD
867	MAZEN ALUMARAN	WELL CLEANING - MIAMI PARK GATE 221 AVE35 @ JANABIYA
868	NASS ELECTRICAL CONTRACTING CO. W.L.L	KHOLEEJ AI BAHRAIN @ BOHRAINBOY
869	CROWN ELECTRO MECHANICAL SERVICES W.L.L	KING ABDULLA BIN ABDUL ALIZ MEDICAL CITY @ AL JASIRAH
870	DANWAY ELECTRICAL	EARTHING HOLE - AL DUR (B005)
871	MINISTRY OF WORKS	SPARES AND REPAIRS TO THE MAINTENANCE OF DRILLING RIG HYDRAULIC SYSTEM
872	ARABIAN INTERNATIONAL CONTRACTING CO.W.L.L	ALUSERV HARSCO @ ALBA
873	PILE AND DRIVE CO. W.L.L	PROPOSED 15 NOS. 2 STOREY VILLAS AT HAMALA FOR MS. SAMEERA ALI MATROOK ALMATROOK
874	ARADOUS CONTRACTING AND MAINTENANCE CO. W.L.L	HEALTH CENTRE AT MADINAT KHALIFA (JOB NO. 18012, CONTRACT NO. CPD-19/08) - EAST CAR PARKING
875	NASS CORPORATION BSC	BIW (BAHRAIN INVESTMENT WHARF) DIZ
876	PILE AND DRIVE CO. W.L.L	PROPOSED 14 NOS. PRIVATE VILLAS @ DUMISTAN
877	MR.KHALID AL AMMAR	VILLA 1598 AT SAAR
878	COMSIP AL A ALI COMPANY W.L.L	EARTHING HOLES -LBA SH-4 SUBSTATION REPLACEMENT - ALBA NEAR POWER STATION -3
879	SSH INTERNATIONAL CONSULTANTS (MINISTRY OF WORKS & MUNICIPALITIES)	SOUTHERN AREA OF MAAMEER CHANNEL
880	QUALITY ENGINEERING BUREAU	SAKHEER ROYAL AIR BASE
881	TMAM CONTRACTING	ONE STOREY VILLA @ AL QADAM ARAD
882	AL HASSANAIN CO	SULB COMPOUND HIDD (NEW BH)
883	AL KOOHEJI	RIFFA STATION & AVE 96
884	ALUMINIUM BAHRAIN	SHOTCRETING WORKS - KILM WALL
885	TYROL CONTRACTING	PROPOSED 3 STOREY KON BUILDING @ SEEF
886	STANTEC KHONJI	PROPOSED RESTROOM LANDS -TUBLI TSE



GEOTECHNICAL DEPARTMENT LIST OF COMPLETED AND ONGOING PROJECTS

SL.NO.	CLIENT	PROJECT
887	STANTEC KHONJI	TOPOGRAPHICAL SURVEY OF PROPOSED TSE RESERVOIR LAND
888	MODERN ARCHITECT / HASSAN LARI GROUP B.S.C	MULTI STOREY BUILDING @ WATER GARDEN CITY
889	ADILYA CONTRACTING	CONSTRUCTION OF SUBSTATION 118811 @ ASKAR
890	PANORAMA CONTRATING & ENGINEERING	WATER TRANSMISSION PIPE LINE @ AL DUR
891	MINISTRY OF MUNICIPALITY AFFARS & URBAN PLANNING	INJECTION TEST
892	AL KOOHEJI ELECTRICAL CONT	PART 2 - BETWEEN NO 96 & TATWEER 220KV STATION
893	BAHRAIN BAY DEVELOPMENT	BRIDGE RECTIFICATIM WORKS - FOUR SEASONS HOTEL
894	BAMCO	GEOTECHNICAL INVESTIGATION - BAC (RDC) & COUNTRY OFFICE RE-DESIGNING
895	AL HASSANAIN CO	SULB COMPOUND ADDITIONAL WORK AT HIDD
896	AL KOOHEJI ELECTRICAL CONTRACTORS	PIPELINE INSTALLATION WORK -SKBS HIGHWAY
897	AKBARI ARCHITERTS	FOR MR. ISA AHMED AT JASRA
898	MODERN POULTRY FARM	CLEANING OF AN EXISTING WELL
899	MCSC-MECHANICAL CONTRACTING & SERVICES COMPANY WLL	SOIL INVESTIGATION - SURDARY BATH CRUSH -RODDING
900	CHAR J.V	EARTHING HOLE - AL SAHEL HOTEL & RESORTS
901	ESMAELY LENZOHM ELECTRICAL CO. W.L.L	GPR SURVEY REPORT TO FIND UG UTILITIES , LAYING CABLES @ TATWEER OIL FIELD
902	TAMEER ENGINEERING	SOIL INVESTIGATION - PROPOSED TWO STOREY SHOWROOM BUILDING
903	ALUMINIUM BAHRAIN	TOPOGRAPHIC SURVEY - ALBA POWER STATION
904	CHAPO BAHRAIN	PILE DESIGN - AMAS
905	TAMEER ENGINEERING	SOIL INVESTIGATION - PROPOSED 13 STOREY RE-LIDENFLAL BUILDING AT HLDD
906	NASS & NASSIR HAZZA AL SUBAEI FOR CONTRACTING W.L.L	SOIL INVESTIGATION - ADVANCE WORKS TOR AL FATEH HIGHWAY. JUFTALR- GHURATFAH
907	ALMOAYYED ELECTRICAL & INSTRUMENT SYSTEM	EARTHING HOLE - SULB PROJECT
908	TAMEER ENGINEERING	SOIL INVESTIGATION - PROPOSED VILLA COMPOUND AL MARKH
909	ANSARI ENGINEERING	SOIL INVESTIGATION - HAFEERA INDUSTRIAL AREA PLOT NO. HF 203-C
910	AL MALKI ENGINEERING CONSTRUCTION	GPR SURVEY - 3 STOREY BULIDING @ MUHARAQ
911	AL KOOHEJI ELECTRICAL CONTRACTORS	SOIL INVESTIGATION - 400KV TRANSMISSION DEVELOPMENT
912	ALMOAYYED INTERIORS	SOIL INVESTIGATION - SIYADI MAJLIS MUHARRAQ
913	JACOBS	GEOPHYSICAL SURVEYING AND MAPPING SERVICES
914	VEOLIA ENERGY GULF W.L.L	EARTHING HOLE - BAHRAIN BAY (PUMPING STATION)
915	KELLER BAHRAIN	SUPPLY OF FOREMAN/SUPERVISOR FOR SUPERVISING SHEET PILING
916	AL HASSANAIN BSC	SOIL INVESTIGATION - SULB WHARF PROJECT
917	MOHAMMED AL OJAIMI CONT.CO	SOIL INVESTIGATION - 220KV AND 66KV TRANSMISSION DEVELOPMEN
918	EGIS INTERNATIONAL	SOIL INVESTIGATION - BAHRAIN METRO PROJECT PHASE 1
919	AHMED ISA CONTRACTING	SOIL INVESTIGATION - AL BARBAGHI MOSQUE AT A'ALI
920	ANSARI ENGINEERING	SOIL INVESTIGATION - WASMIYA AND CHINESE PALACE CHANNEL
921	DESIGN HOUSE	SOIL INVESTIGATION - PROPOSED VILLA AT JASRAH
922	AL TAIF	SOIL INVESTIGATION - PROPOSED FOUR STOREY COMMERCIAL BUILDING @ GALALI
923	DELTA CONSTRUCTION	SOIL INVESTIGATION - PROPOSED 4 STOREY BUILDING @ ASKAR
924	BAHRAIN DUTCH FOUNDATION	SOIL INVESTIGATION - PROPOSED VILLA @ MUQSHAA
925	SAAR ALUMINIUM COM	SOIL INVESTIGATION - PROPOSED LAND @ ASKAR
926	CROWN ELECTRO MECHANICAL	GROUTING OF TUNNEL- HDD WORKS
927	MCSC W.L.L	SOIL INVESTIGATION - KHULF WELL A-2145 AND GDUS/SURFACE FACILTIES
928	ALMOAYYED CONTRACTING	SOIL INVESTIGATION - SOCIAL APARTMENT UNITE AMAS -ISLAND 12
929	ABDULLA AL AMIN CONTRACTING	SOIL INVESTIGATION - MR. KHALID MOHD AHMED AL MARAAFI - DIYAR AL MUHARRAQ
930	AL JAMEEL CONSTRUCTION	EARTHING HOLE - ACC BUILDING AT MUHARRAQ
931	CEBARCO	EARTHING HOLE - TUBLI STP



GEOTECHNICAL DEPARTMENT LIST OF COMPLETED AND ONGOING PROJECTS

SL.NO.	CLIENT	PROJECT
932	ARADOUS CONTRACTING AND MAINTENANCE CO. W.L.L	SOIL IMPROVEMENT WORKS -PROBE DRILLING
933	DELTA CONSTRUCTION COMPANY	SITE AT ASKAR (SUNDRY JOBS FOR 2019-2020)
934	SEPCO III	TOPOGRAHIC SURVEY - ASKAR LAND FILL
935	WTE	GPR SCANNING - TUBLI STP EXPANSION PHASE 4
936	BAHRAIN MECHANICAL CONSTRUCTION CO.	SOIL INVESTIGATION - PROPOSED MAINTENANCE BUILDING FOR DHL
937	SEPCO III	SOIL INVESTIGATION - ASKAR LANDFILL
938	MR. TAIMOOR RAOOF FUND GEORGE MAHSH	WELL DRILLING - 2 STOREY VILLA AT SHAKHURAH
939	ALMOAYYED CONTRACTING	SOIL INVESTIGATION - SOCIAL APARTMENT UNITS AMAS ISLAND 12 (PLOT -25)
940	ISMAIL KHONJI ASSOCIATES CONSULTING ENGINEERS,	SOIL INVESTIGATION - PROPOSED AT UCC PREMISES AT MINA SALMAN
941	AL MUNTASIR BULDING & CONSTRUCTION	STRUCTURAL INVESTIGATION - AIN RASTAN MOSQUE AT A'ALI
942	MOHAMMED AL OJAIMI CONT.CO	SOIL INVESTIAGATION - 220KV & 66KV TRANSMISSION PROJECT
943	BAHRAIN DUTCH FOUNDATION SPC	SOIL INVESTIGATION - 1.4MW SOLAR GROUND MOUNTED GRID TIE SYSTEM
944	AHMED MANSOOR AL A'ALI	SOIL INVESTIGATION - WELL A 2272
945	ARAB ARCHITECTS	SOIL INVESTIGATION - PROPOSED 2 STOREY VILLA @ RIFFA
946	GULF HOUSE ENGINEERING - MR. ISMAIL AL AWADHI	SOIL INVESTIGATION - PRIVATE VILLA @ DILMUNIA
947	BAHRAIN DUTCH FOUNDATION SPC	SOIL INVESTIGATION - PROPOSED REMEDIAL WORKS AT SULB WHARF, PROJECT CODE: BDF/Q/1487, LOCATION: HIDD
948	SANTY EXCAVATION & CONST.	EARTHING HOLE - ST. CHRISTOPHER SCHOOL @ SAAR
949	ALMAYYED CONTRACTING GROUP	YEILD TEST OF WELL - KHAMIS
950	ISMAIL KHONJI ASSOCIATES CONSULTING ENGINEERS,	STRUCTURAL INVESTIGATION & SURVEY WORKS -KFCA
951	MAZEN ALUMARAN CONSULT ENGINEERING	SOIL INVESTIGATION - BAPCO SERVICE STATIM - TUBLI
952	MAZEN ALUMARAN CONSULT ENGINEERING	SOIL INVESTIGATION - BAPCO SERVICE STATIM - HIDD
953	DUNDEE CONSTRUCTION	SITE SURVEY FOR BUILDING POINTS AND TO CONFIRM PLOT BOUNDARY
954	ALMAYYED CONTRACTING	WELL CLEANING - 3 EXISTING RILLAS AT SEHLA
955	ARADOUS CONTRACTING AND MAINTENANCE CO. W.L.L	EARTHING HOLE - MADINAT - KHALIFA HEALTH CENTER
956	AL MAKEENA GROUP OF COMPANIES	SOIL INVESTIGATION - PROPOSED CONSTRUCTION OF SINGLE STOREY SHOPS AT JAU
957	DELTA CONSTRUCTION	EARTHING HOLE - SPL STORAGE & PROCESS BUILDING @ ALBA
958	NSH-NASSIR HAZZA AL SUBAEI FOR CONTRACTING W.L.L	GROUND WATER MONITORING WELL - BMP
959	SULTHAN ENGINEERING	SOIL INVESTIGATION - PROPOSED 4 STOREY BUILDING @ MANAMA
960	UNITED PAPER INDUSTRIES	SOIL INVESTIGATION - LABOUR ACCOMODATION @ SITRA INDUSTRIAL AREA
961	EMCE MAINTENANCE & CONSTRUCTION	SOIL INVESTIGATION - THREE STOREY VILLA @ BUQUWAH
962	E.N INTERIORS	SOIL INVESTIGATION - REEF ISLAND DEVELOPMENT (MARINA WORKS INST)
963	ARABIAN INTERNATIONAL CONTRACTING CO.W.L.L	EARTHING HOLE -US NAVY, ISA AIR BASE
964	TAMEER ENGINEERING	SOIL INVESTIGATION -PROPOSED 2 STOREY VILLA @ ARAD
965	DELTA CONSTRUCTION	EARTHING HOLE -THREE STOREY VILLA @ JANABIYA
966	TECTO ENGINEERING & CONSTRUCTION	SOIL INVESTIGATION -NEW AL DUR FS PHASE II WATER STN AND 2 NOS STORAGE TANK
967	MOHAMMED AL OJAIMI CONT.CO	SOIL INVESTIGATION -220KV & TRANSMISSION PROJECT
968	MR.HAMAD RASHED ABDULLA ALKHALIFA, HASAN AL HAYKI-AL HAJAR	SOIL INVESTIGATION - PROPOSED PETROL STATION -AL HAJAR
969	QUALITY ENGINEERING BUREAU	SOIL INVESTIGATION - PROPOSED 3 STOREY BUILDING @ MANAMA
970	MOHAMMED AL OJAIMI CONT.CO	GROUTING OF HDD DRILL HOLE - PROPOSED ROAD CROSSING BY HDD METHOD FOR AD DUR IPWP-DURRAT AL BAHRAIN 1, NEAR DURRAT AL BAHRAIN ROUND ABOUT (SECTION -29/HDD01)
971	TMAM CONTRACTING	SOIL INVESTIGATION - CONSTRUCTION OF RETAINING WALL,PROPOSED KINDERGARTEN PHASE 2 , PLOT 09040129,RIFFA



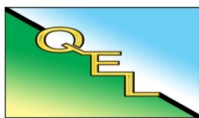
GEOTECHNICAL DEPARTMENT LIST OF COMPLETED AND ONGOING PROJECTS

SL.NO.	CLIENT	PROJECT
972	SSH INTERNATIONAL	SOIL INVESTIGATION - SOUTHERN AREA OF MAAMEER
973	DELTA CONSTRUCTION	EARTHING HOLE - KINGDOM OIL COMPANY @ ASKAR
974	BAHRAIN DUTCH FOUNDATION SPC	GROUTING HOLE - SULB (HIDD)
975	AL HAIKAL CONSTRUCTION	SOIL INVESTIGATION - PROPOSED EXTENSION TO ABDULLA YOUSIF FAKHRO SOCIAL CENTER AT PLOT NO 08011594, BLOCK 801, ISA TOWN
976	CHAR J.V	EARTHING HOLE - AL SAHEL HOTEL & RESORT
977	MR. ABDUL RAHMAN HAZEEM	SOIL INVESTIGATION - PROPOSED PRIVATE VILLA AT BUSAITEEN, PLOT NO 02027044
978	EVEREST ELECTRICAL AND BUILDING MATERIALS W.L.L	EARTHING HOLE - JAU SUBSTATION
979	CHAR J.V	EARTHING HOLE - AL SAHEL HOTEL & RESORT
980	BAHRAIN DUTCH FOUNDATION SPC	HIRING OF DRILLING RIG - SULB SITE
981	DADABHAI CONSTRUCTION	SOIL INVESTIGATION - CONSTRUCTION OF 4 BUILDINGS AT TUBLI STP
982	MOHAMMED AL OJAIMI CONT.CO	SOIL INVESTIGATION - 220KV AND 66KV TRANSMISSION DEVELOPMEN
983	MOHAMMED AL OJAIMI CONT.CO	SOIL INVESTIGATION - 220KV AND 66KV TRANSMISSION DEVELOPMEN
984	AL KOOHEJI ELECTRICAL CONTRACTORS	SOIL INVEITIGATION - E2 1000MM PIPELINE - SKBS HIGHWAY (WATER TRANSMISSION PROJECT)
985	MS. HANA AL SAYED HASAN	SOIL INVESTIGATION - PROPOSED VILLA @ BUDAIYA
986	ITHAMAR DEVELOPMENT CO	SOIL INVEITIGATION - DILMUNIA SCHOOL
987	BAHRAIN MOTORS CO.	SOIL INVESTIGATION - HAFEERA INDUSTRIAL PLOT
988	AL DOOR EXCAVATION	SOIL INVEITIGATION - PROPOSEDBUILDING @ SALMABAD
989	ISMAIL KHONJI ASSOCIATES CONSULTING ENGINEERS,	SOIL INVEITIGATION - PROPOSED WAREHOUSE @ HIDD
990	NSH-NASSIR HAZZA AL SUBAEI FOR CONTRACTING W.L.L	MONITORING WELL - BMP BUILDING AREA 1-6
991	CROWN ELECTRO MECHANICAL	EARTHING HOLE - PROPOSED BDF MUILTI STOREY CLINIC & CAR PARK WADI AL SAIL
992	ARABIAN INTERNATIONAL CONTRACTING CO.W.L.L	EARTING HOLE -MARASSI
993	JANAT ALMASSOMA CON & REAL EASTATE WLL	SOIL INVEITIGATION - PROPOSED 2 STOREY BUILDING @ MUHARRAQ, PLOT 02034104
994	JANAT ALMASSOMA CON & REAL EASTATE WLL	SOIL INVEITIGATION - PROPOSED 2 STOREY BUILDING @ MUHARRAQ, PLOT 02034067
995	ASPIRE REAL ESTATE	JASRA COMPOUND VILLA
996	MOTT MACDONALD	SOIL INVESTIGATION - WATER TRANSMISSION PROJECT ASSOCIATED WITH AL DUR IWPP II
997	AKBARI ARCHITERTS	SOIL INVESTIGATION - PROPOSED VILLA @ AMWAJ
998	NASS DREDGING COMPANY W.L.L	VOLUME COMPUTATION OF STOCK PILE @HIDD
999	AL HASSANAIN BSC	SOIL INVESTIGATION - AMWAJ RECLAMANTATION WORK
1000	DADABHAI CONSTRUATION	SOIL INVESTIGATION - PROPOSED HORSE STABLE @ENDURANCE VILLAGE
1001	TMAM CONTRACTING	SOIL INVESTIGATION - PROPOSED AWM COMPOUND VILLAS @ JANABIYAH
1002	MAZEN ALUMARAN CONSULT ENGINEERING	SOIL INVESTIGATION - BAPCO PETROL STATION@ MUHARRAQ
1003	MAZEN ALUMARAN CONSULT ENGINEERING	SOIL INVESTIGATION - BAPCO SERVICE STATION HAMAD TOWN
1004	URBAN VISION	SOIL INVESTIGATION - TWO STOREY PRIVAT VILLA @ JANABIYA
1005	MR. MOHAMMAD ALOMAR	PROPOSED MULTI-STOREY BUILDING AT HIDD, PLOT - 01012698
1006	MR. MOHAMMAD ALOMAR	PROPOSED MULTI-STOREY BUILDING AT HIDD, PLOT - 01012153
1007	MOTT MACDONALD	SOIL INVESTIGATION - WATER TRANSMISSION PROJECT ASSOCIATED WITH AL DUR IWPP II (PACKAGE 5)
1008	MOTT MACDONALD	SOIL INVESTIGATION - WATER TRANSMISSION PROJECT ASSOCIATED WITH AL DUR IWPP II (PACKAGE 6)
1009	MOTT MACDONALD	SOIL INVESTIGATION - WATER TRANSMISSION PROJECT ASSOCIATED WITH AL DUR IWPP II (PACKAGE 7)
1010	MOTT MACDONALD	SOIL INVESTIGATION - WATER TRANSMISSION PROJECT ASSOCIATED WITH AL DUR IWPP II (PACKAGE 4)



GEOTECHNICAL DEPARTMENT LIST OF COMPLETED AND ONGOING PROJECTS

SL.NO.	CLIENT	PROJECT
1011	MOTT MACDONALD	SOIL INVESTIGATION - WATER TRANSMISSION PROJECT ASSOCIATED WITH AL DUR IWPP II (PACKAGE 8)
1012	MR. MOHAMMAD ABBOD HASSAN ALOMAR	SOIL INVESTIGATION - MULTI STOREY BUIDING @ HIDD, PLOT NO - 01012168
1013	AHAMED ISA CONTRACTING	SOIL INVESTIGATION - SAMAHEEJ TRAINING SCHOOL (JOB NO - 185058/A) MUHARRAQ
1014	SILMPLEX ALMOAYYED	SOIL INVESTIGATION - PROPOSED MOSQUE @ DIYAR AL MUHARRAQ
1015	DESIGN STUDIO ARCHITECTS (MARVELLOUS ART COMPANY)	SOIL INVESTIGATION - OSV THREE PRIVITE VILLAS @ SAAR
1016	MR.MEATEQ S D AL AZMI (M/S AL AZMI & AL ALI CONTRACTING)	SOIL INVESTIGATION - PROPOSED SIX STOREY BUILDING@HIDD , PLOT NO - 2202
1017	FAKHRO TRADING (ISMAIL KHONJI ASSOCIATES)	SOIL INVESTIGATION - PROPOSED WAREHOUSE @ RAS ZUWAYED
1018	POULLAIDES CONSTRUCTION COMPANY W.L.L	EARTHING HOLE- BAPCO PETROL STATION @ TUBLI
1019	MAZEN ALUMARAN CONSULT ENGINEERING	SOIL INVESTIGATION - BAPCO PETROL STATION@ DIYAR AL MUHARRAQ
1020	SAYED KAHADEN AL DURAZI	SOIL INVESTIGATION - WIDENING & UPGRADING SH. JABER AL AHMED AL SABAH (MAAMEER CULVEST)
1021	ZAYANI TRAING & COTRACTING CO. W.L.L	SOIL INVESTIGATION - DEVELOPMENT OF TRUCK REST AREA @ ASKAR
1022	MR.YUSUF AHMED MALEK HASSAN	SOIL INVESTIGATION - PROPOSED FOUR STOREY BUILDING @ MAHOOZ
1023	SAYED KAHADEN AL DURAZI	CPT - WIDENING & UPGRADATION SH. JABER AL AHMED (MAAMEER CANAL)
1024	NASSER AL HAJRI CORPORATION	PRODUCTION WELL - NOGAL CAMP (BAPCO) @ SITRA
1025	AL AZMI & AL ALI CONTRACTING	SOIL INVESTIGATION - PROPOSED SIX STOREY BUILDING, PLOT NO: 01013139, HIDD
1026	MCSC W.L.L	SOIL INVESTIGATION - NEW KHALF WELL 2148 AND ASSOCIATED FACILITIES
1027	DADABHAI CONSTRUCTION	SOIL INVESTIGATION - PROPOSED HORSE STABLE @ENDURANCE VILLAGE
1028	MR. MOHAMMAD ABBOD HASSAN ALOMAR	SOIL INVESTIGATION - MULTI STOREY BUIDING @ RIFFA
1029	AL KOOHEJI ELECTRICAL CONTRACTORS	SOIL INVESTIGATION -WATER TRANSMISSION PROJECT ASSOCIATED WITH AL DUR IWPP PHASE II PIPELINE INSTALLATION WORKS MUASKAR HIGHWAY TO HAMAD TOWN FLYOVER-E3 AT RIFFA
1030	ADD AHMEDI ASSOCIATES	SOIL INVESTIGATION - PROPOSED HEALTH CENTER @ GALALI
1031	NASS CONTRACTING	SOIL INVESTIGATION - MARINA NORTH DEVELOPMENT
1032	AL HASSANAINCO. B.S.C	SOIL INVESTIGATION - AMWAJ RECLAMANTATION WORK
1033	MAZEN ALUMARAN CONSULT ENGINEERING	SOIL INVESTIGATION - PROPOSED MCDONALD'S @ HAMAD TOWN
1034	TOWFIC SAEED IBRAHIM ALSAYIC	SOIL INVESTIGATION - PROPOSED SEVEN STOREY COMMERCIAL BUILDING PLOT NO: 01012658, HIDD
1035	TAMEER ENGINEERING	SOIL INVESTIGATION - PROPOSED 3 STOREY BUILDING @ GALALI
1036	TAMEER ENGINEERING	SOIL INVESTIGATION - PROPOSED VILLA @ MAHOOZ
1037	RAFFA CONSTRUCTION AND MAINTENANCE CO. W.L.L	EARTHING HOLE -CATHODIC POLARIZATION @ RIFFA BAPCO PATROL PUMP
1038	SALEH ABDULLA KAMESHKI	SOIL INVESTIGATION - PROPOSED 2STORTY VILLA @ JASRA
1039	NASS CONTRACTING (NASS ASPHALT)	HIRING OF DRILLING RIG - QUARRY
1040	POULLAIDES CONSTRUCTION COMPANY W.L.L	EARTHING HOLE - COURT YARD -RIFFA
1041	MINISTRY OF WORKS, MUNICIPALITIES AFFAIRS / SANITARY ENGINEERING STRATEGIC PROJECT,	PREPARATION WORK FOR SANITARY ENGINEERING STRATEGIC PROJECT LOCATION: HIDD INDUSTRIAL AREA, KINGDOM OF BAHRAIN
1042	AL KOOHEJI ELECTRICALS	CONSTRUCTION OF BENCH MARKS
1043	SANTY EXCAVATION AND CONSTRUCTION COMPANY W.L.L	SOIL INVESTIGATION - RECLAMATION, SHORE PROTECTION AND SITE GRADING FOR QALALI WATERFRONT PACKAGE 2



GEOTECHNICAL DEPARTMENT LIST OF COMPLETED AND ONGOING PROJECTS

SL.NO.	CLIENT	PROJECT
1044	JASIM AL KULAIB CONSTRUCTION	PROPOSED TWO-STOREY VILLA FOR MR. ALI MIRZA SALMAN SAEED ALQAYEM LOCATION: PLOT 05021443, JANABIYAH, KINGDOM OF BAHRAIN
1045	BAHRAIN BAY UTILITIES	PROPOSED ROAD CROSSING FOR FUTURE GENERATION RESERVE FUND TOWER, MANAMA SEAFRONT, KINGDOM OF BAHRAIN
1046	AYMAN ALSAEED ARCHITECTS AND ENGINEERS	PROPOSED 3-STOREY RESIDENTIAL/COMMERCIAL BUILDING FOR SHAIKH AHMED ATEYATALLA ABDULRAHMAN ALKHALIFA PLOT NO: 03021023, GUDABIYA, KINGDOM OF BAHRAIN
1047	SAYED KADHEM AL DURAZI & SONS B.S.C. ©	GRAND CAST IN SANAD
1048	MAZEN ALUMRAN CONSULTING ENGINEERS	TOPOGRAPHIC SURVEY FOR DELMON POULTRY FEED MILL IN UMM AL HASSAM
1049	POULLAIDES CONSTRUCTION COMPANY W.L.L	EARTHING HOLE -SITRA LABOUR CAMP
1050	MOHAMMED JALAL CONTRACTING CO. W.L.L	SHEET PILE INVESTIGATION AT PLOT NO:16030089, MINA SALMAN KINGDOM OF BAHRAIN
1051	HASSAN LARI GROUP B.S.C	PLUGGING OF WATER WELL (URSB 12/16, WRB 341) SAAR - (NORTHING - 98920, EASTING - 48030)
1052	BILFINGER TEBODIN MIDDLE EAST LTD	DHL RDC AND COUNTRY OFFICE RE-DESIGNING LOCATION: BAHRAIN INTERNATIONAL AIRPORT, MUHARRAQ, KINGDOM OF BAHRAIN
1053	PANORAMA CONTRACTING AND ENG.SERV.	WATER TRANSMISSION PIPELINE WORKS SOUTH ALBA
1054	DAR AL KHALEEJ TRADING	EARTHING HOLE - HAMAD TOWN
1055	GHUMAIS CONSTRUCTION CO W.L.L	EARTHING HOLE - THE VIEWS 2
1056	AL DOOR EXCAVATION AND BUILDING CONTRACTING CO. S.P.C	KING HAMAD HIGHWAY EATENSION
1057	SANTY EXCAVATION AND CONSTRUCTION COMPANY W.L.L	SUPPLY OF BOAT
1058	BILFINGER TEBODIN MIDDLE EAST LTD	BAHRAIN FLOUR MILLS
1059	SANTY EXCAVATION AND CONSTRUCTION COMPANY W.L.L	SOIL INVESTIGATION - RECLAMATION, SHORE PROTECTION AND SITE GRADING FOR QALALI WATERFRONT PACKAGE 2
1060	SOLARA REAL ESTATE INVESTMENT	HOSPITAL IN MAHOOZ
1061	MINISTRY OF WORKS, MUNICIPALITIES AFFAIRS AND URBAN PLANNING	REMAAL PROJECT
1062	AL BARAHA CONSTRUCTION SERVICES	JAWW RECLAMATION MARINE WORKS -BATHYMETRIC SURVEY
1063	MINISTRY OF WORKS, MUNICIPALITIES AFFAIR	SOIL INVESTIGATION- SOUTHERN AREA & MAAMEER CHANNEL



QEL MATERIAL TESTING-MAJOR COMPLETED / ON-GOING PROJECT			
SL NO.	CLIENT	PROJECT	LOCATION
1	AL HEDAYA CONTRACTING	DAM AFFORDABLE HOUSING	DIYA AL MUHARAQ
		MANARA 59 VILLAS	GALALI
		PROPOSED 60 TOWN HOUSES TYPE -T3M SITE 147, BLOCK 625 & 745 AT SANAD	SANAD
		CONSTRUCTION OF COMMUNITY PROJECT	BUDAIYA,SAMAHEEJ AND GUDAIBIYA
		NEW ADMINISTRATIVE BUILDING FOR SHURA COUNCIL'	GUDABIYA
		PROPOSED FOOT BRIDGE	HAMAD TOWN
2	ALLIANCE PROJECTS	ARABIAN SUGAR FACTORY	HIDD
3	PANORAMA CONTRACTING	WATER TRANSMISSION DEVELOPMENT PROJ	HAMALA,ARAD,SANAD,HOORA,WEST RIFFA
4	NASS CONTRACTING	SULB-STEEL MILL INTEGRATION FACILITIES-HIDD	HIDD
		ASRY	HIDD
		BDF APPROACH CHANNEL AND PLATFORM AT SHEIKH KHALIFA BIN SALMAN PORT	MINA SALMAN
		BASREC FACILITIES EXPANSION	BIN SALMAN PORT
		AL NAKHEEL HOUSING PROJ	JANABIYA
		DRAGON CITY	DIYAR AL MUHARAQ
		BANYAN TREE AL NAKHEEL HOUSING PROJ	JANABIYA
		EAST HIDD HOUSING PROJECT	EAST HIDD
		DIYAR AL MUHARAQ INFRASTRUCTURE PHASE 1	DIYA AL MUHARAQ
		51 HOUSES T8 @ LAWZI LAKE	HAMAD TOWN
		BAPCO SIPS PROJECT	SITRA
		SH.KHALIF BIN SALMAN HIGHWAY	HAMAD TOWN
5	RED X	GENERAL - QC	*
6	AL NAMAL	PROPOSED 129 NOS HOUSING PROJECT	SADAD
		PROPOSED COMMERCIAL & RESIDENTIAL FOUR STOREY	GUDABIYA
		JUFFAIR HOTEL & SHOPPING MALL (258)	JUFFAIR
		PROPOSED HOTEL ON PLOT NO : 03043105 (G+19 FLOOR)	JUFFAIR
		PROPOSED 129 NOS HOUSES @ SADAD	SADAD
		HOTEL & APARTMENT	HOORA
7	DOWN TOWN	PAINTING WORKS FOR SEVERAL BRIDGES ON ROAD	SHEIKH ISA BIN SALMAN CAUSEWAY BRIDGE
		DAM AFFORDABLE HOUSING	DIYAR AL MUHARAQ
		WAHAT AL MUHARRAQ, PHASE II	GALALI
		STORM DRAINAGE AND DIVERSION	SEEF
		5 STAR HOTEL & RESORT	SEEF
		ONE AND ONLY BAHRAIN	SEEF
8	AL KOOHEJI ELECTRICAL CONTRACTORS	220KV HIDD - MANAMA	JUFFAIR
		PROPOSED OFFICE AND LABOUR QUARTERS	ASKER
		220 KV ALEZZEL BUSAITEEN - DIYAR AL	DIYA AL MUHARAQ
9	POULLADIES	BAPCO SERVICE STATION	ISA TOWN
		BAPCO SERVICE STATION	ASKER
		NEW OFFICE COMPLEX FOR TATWEER PETROLEUM	TATWEER
		BAHRAIN KUWAIT EMBASSY RESIDENCE	ADLIYA
		AB03 - 11 STOREY BUILDING	RIFFA
		BISD (BAHRAIN INDOOR SYSTEM DRIVING)	WASMIYA
10	CEBARCO	TATWEER PETROLEUM CAR PARK	TATWEER
		SUGEYA RESIDENTIAL BUILDING	SUGEYA
		VILLA FOR DR. MAHMOOD	AMWAJ ISLAND
		DILMUNIA HEALTH ISLAND INFRASTRUCTURE WORKS	DILMUNIA ISLAND
		SHEIKH SALMAN MOSQUE @ AWALI	AWALI - BAPCO AREA
		DILMUNIA SEA VILLA	DILMUNIA ISLAND
		66KV - SUBSTATION	DILMUNIA ISLAND
		PROPOSED TWO STOREY VILLA	HAMALA
12	BAHRAIN CONCRETE	GENERAL - QC	*
13	HAJI HASSAN READY MIX	GENERAL - QC	*
14	BAHRAIN MOTOR COMPANY	IMPROVEMENTS TO MAZERAH AVENUE	JASRA
		INFRASTRUCTURE WORKS FOR 320 NOS. TOWNHOUSES @ JIDHAFFS	JIDHAFFS
		TCO-106 LMRA SITE	SEEF
		IMPROVEMENT OF BAYNAT AVE	RIFFA
		BUSITEEN, BLOCK 228, PHASE-1	BUSAITEEN
		FOUR SEASONS HOTEL, BAHRAIN BAY DEVELOPMENT	ASKER
		INFRASTRUCTURE WORK FOR 29 NOS T8 HOUSES	HUNANIYA
		EXTENSIONS OF 200MMØ WATER MAIN	GHURAYFA
		INFRASTRUCTURE WORKS FOR 158 NOS,	BILAD AL KHADAM
		DURAT AL MARINA DEVELOPMENT PROJECT PHASE -2	DURAT AL MARINA
15	ISMAIL KHONJI ASSOCIATES	ALBA CALCINER - SOFFIT OF JETTY	ALBA
16	AMA	VAIOUS PROJECTS	*
		EWA- WATER STATION - NBNT	BUDAIYA
17	KINGDOM PROJECT	KINGDOM INDUSTRIAL SHOWROOM	TUBLI
		PRIVATE VILLA AT EXTENSION	HIDD



QEL MATERIAL TESTING-MAJOR COMPLETED / ON-GOING PROJECT			
SL NO.	CLIENT	PROJECT	LOCATION
18	EASTERN READYMIX	VAIOUS PROJECTS	*
19	AL QAWAREER	ISA SPORTS CITY - NATIONAL STADIUM UPGRADING WORKS	ISA TOWN
		WAREHOUSE BIW	HIDD
		BODY MODIFICATION AND REPAIR - ZAYANI MOTORS	RIFFA
		ONE NUMBER 10 STOREY CONT C	UMMAL HASSAM
20	EASTERN ASPHALT	WARE HOUSE DEVELOPMENT	HIDD
		STP - ILS	HIDD
		WAREHOUSE DEVELOPMENT CIVIL AND ASPHALT	HIDD
		CENTRAL CUSTOMER SERVICE CENTER	ISA TOWN
		PARKING AREA PROPOSED SHOPING MALL COMMUNITY	MUHARRAQ
		HIDD WEST RING ROAD	HIDD
		DELMON CHOCALATE FACTORY	HIDD
		WARE HOUSE DEVELOPMENT PROJECT @ BIW	HIDD
		AVE 49 @ ARAD (ROAD WORKS)	ARAD
		INTERLOCK PAVING VALUES	AL BANDAR AL DAR
		IMPROVEMENT OF SAHALA JUNCTION	SHALA
21	JASCO	PROPOSED SEWERAGE SCHEME	NABI SALEH
		A'ALI SEWERAGE SCHEME	A'ALI
		PROPOSED SEWERAGE SCHEME @ ROADS	KARANAHA
		CAR PARK, BLOCK 7221 ROAD 2107	BUSAITEEN
		IMPROVEMENT OF MAHZORAH AVENUE	RIFFA
		IMPROVEMENT OF NUWAIDRAT VILLAGE ROADS PHASE 2	NUWAIDRAT
		PROPOSED BOUNDARY WALL, PARKING AREA & GUARD HOUSE FOR SLRB HEADQUARTERS	SANABIS
		PROPOSED MODIFICATION & EXTENSION TO EXISTING TOYOTA SERVICE CENTER(TSC)	ARAD
		CONSTRUCTION OF NEW PARKING BUILDING / MODIFICATION TO EXISTING LEXUS CENTRE @ ARAD	ARAD
		36 HOUSES @ ARAD	ARAD
		IMPROVEMENT OF RIFFA ROADS - BLOCK - 912	RIFFA
22	BAHRAIN DUTCH FOUNDATION	PROPOSED MULTISTORIED BUILDING AT SEEF	SEEF
		JW MARRIOT HOTEL & APARTMENTS	BAHRAIN BAY, DEVELOPMENT
		EIGHT STOREY BUILDING AT REEF ISLAND	REEF ISLAND
		GRAND TOWER RESIDENTIAL BUILDING AT SEEF (BDF-8049)	SEEF
		NABIH SALEH SEWERAGE AND DRAINAGE SCHEME	NABIH SALEH
		PROPOSED NEST TOWER	SEEF
		FORBES TOWER	SEEF
		360 TOWERS	DURRAT MARINE
		FORBES TOWER	SEEF
		BDF-SH.KHALIFA BIN SALMAN HIGHWAY ROUNDABOUT 18.1 TO 13	HAMAD TOWN
		PROPOSED 2 UNITS-3 STOREY BUILDING @ MUHARRAQ	MUHARRAQ
23	AL THADAMUN	PROPOSED TYRE WARE HOUSE @ SALMABAD	SALMABAD
		DRIVING TEST SCHOOL	A ALI
		PROPOSED ROAD WORK AT GUARD TRAINING SCHOOL	SAFRAH
		HAMAD TOWN BLK. 1214 & ACCESS TO DAR KULAYB FROM SH. HAMAD AVE BLK. 1215&1216	HAMAD TOWN
		CAR PARKING FOR COAST GUARD HEAD QUARTERS	AL BANDAR
		PROPOSED PRIVATE VILLA	RIFFA
		INFRA FOR 59-T8 HOUSES	WEST RIFFA
		INFRASTRUCTURE WORKS FOR 61NOS T3M HOUSES, BLOCK 960, SITE-167 @ JAW	JAW
		IBN THAIMIYA MOSQUE CAR PARK	RIFFA
		CAR PRK @ CID OFFICE	ADLIYA
		PROPOSED PARKING SHADE	SAFRA
24	AFCONS	HAMAD TOWN BLOCK 1214 PHASE -1 ROAD 1434A (OPENING OF ROADS)	HAMAD TOWN
		MINASALMAN INTERCHANGE	MINASALMAN
		AMAS	BUDAIYA
		CREATION OF INFRASTRUCTURE ZALLAQ PORT	ZALLAQ
		ISLAND 13/14 GRADING WORKS AT AL MADINA	BUDAIYA
		NEW ALBA YARD JETTY	ALBA
		DURRAT AL BAHRAIN PROJECT PACKAGE 3050 A	DURRAT AL BAHRAIN
		COMPLETION WORKS FOR REPLACEMENT OF SITRA BRIDGE	SITRA
		SEWERAGE & DRANIGE SCHEME	NABI SALEH
		EAST SITRA PROJECT	SITRA
		ZALLAQ FISHING HARBOUR	ZALLAQ
		JUFFIR ORBITAL RING ROAD - PHASE 1A	JUFFAIR
26	KINGDOM READYMIX	VAIOUS PROJECTS GENERAL QC	*
27	AL AFOO	PROPOSED SEWERAGE SCHEME FOR VARIOUS ROAD 1034	MALKIYA
		PROPOSED CONNECTION FOR BDF CAMP, ROAD 104, BLOCK 601, SITRA	SITRA
		EAST RIFFA SEWERAGE SCHEME AREA E6	EAST RIFFA
		REHABILITATION OF FOUL SEWERAGE WITHIN A & B NETWORKS AREA PHASE - 1	ARAD
		SEWERAGE & DRAINAGE SCHEME PHASE-2	SEEF



QEL MATERIAL TESTING-MAJOR COMPLETED / ON-GOING PROJECT			
SL NO.	CLIENT	PROJECT	LOCATION
		WEST RIFFA SEWERAGE SCHEME	WEST RIFFA
		REHABILATION OF FOWL SEWERAGE	SANABIS
		SAAR SEWERAGE SCHEME PHASE 3 (ASPHALT WORK)	SAAR
		EXTENSIONS OF SHARAKAN SEWERAGE SCHEME	SHARAKKAN
28	AFAAQ AL KHALEEJ	150 TOWNHOUSES AT NABIH SALEH	NABI SALEH
		10 HOUSES AT ASKAR	ASKER
		225 TOWNHOUSES AT NABIH SALEH	NABI SALEH
		OPENING OF ROADS & CARPARK CONSTRUCTION BLOCK #1214	HAMAD TOWN
		CONSTRUCTION OF RETAINING WALL & ROAD BLOCK 910 @ WEST RIFFA	WEST RIFFA
29	CHAPO	RENAISSANCE HOTEL	AMWAJ ISLAND
		AMWAJ WAVES PHASE-1	AMWAJ
		ROYAL TULIP AMWAJ C-262	AMWAJ
		REMELT PLANT SCRAPYARD	SITRA
		PROPOSED MULTI STOREY BUILDING	GUDABIYA
		66 KV BSP SUBSTATION @ SHAMAL AL BUHAIR	SHAMAL AL BUHAIR
		66 KV BSP SUBSTATION @ SHAMAL AL BUHAIR	RIFFA
		66 KV SUBSTATION	SALMANIYA
		PROPOSED VILLA FOR MR PARKER	HIDD
		SMC - SUBSTATION C290C	SALMANIYA
		AL MUSHARAF PALACE	RIFFA
		TILAL RESIDENCE @ AMWAJ ISLAND (C - 296)	AMWAJ ISLAND
		66KV LOOP TYPE SUB STATION	HUNENIYA
		SHARQ AL MUHARAQ SUB STATION	MUHARAQ
		GRAMCO @ SITRA - C281	SITRA
	DELMON READY MIX	SUBSTATION C260	SALMABAD
		AICI-UKMCC MINA SALMAN	HIDD
		CEBARCO - DILMUNIA INFRASTRUCTURE	SALMABAD
		CENG-490 SENIOR PROJECT	SALMABAD
		SHAIK KHALIFA BIN SALMAN HIGHWAY PHASE - 05	HAMAD TOWN
30	DELTA	CENTRAL STORE	SAFRAH
		SUBSTATION 711	AMWAJ ISLAND
		PRIVATE RESIDENTIAL VILLA COMPOUND	JASRA
		PROPOSED ZEENATH RESIDENCE @ AMWAJ ISLAND	AMWAJ
31	AL DOOR	ROAD 4411, BLOCK 244	ARAD
		AL NASAR 4-STOREY RESIDENTIAL BUILDING AT ADLIYA ROAD #2708	ADLIYA
		REPLACEMENT OF PIPELINE AT BLOCK 342 ROAD 4211,4215,4219 & 4220	JUFFAUR
		540 D11 HOUSING PROJECT, 11 NOS AX APARTMENT & 2NOS AU APARTMENT UNIT	SITRA
		CONSTRUCTION OF 92 TOWN HOUSES	JENNUSAN
		4NOS AX APARTMENT (136 FLATS)	BURHAMA
		ROAD 2830	BUSAITEEN
		14 NOS HOUSES AT JASRAH	JASRA
		92 PLOTS AT SAMAHEEJ	SAMAHEEJ
		CAR PARK FOR MUHARAQ HEALTH CENTRE	MUHARAQ
		200 HOUSES AT ZALLAQ	ZALLAQ
		WATER GARDEN CITY	SEEF
		AXIS VOCATIONAL TRAINING	JAW
		MINISTRY OF HOUSING - 275 HOUSES	SANAD
		MINISTRY OF HOUSING - 252 HOUSES	TUBLI
		413 NOS T8 TYPE HOUSES @ MALKIYA BLOCK #1033	MALKIYA
		PROPOSED ROAD DEVELOPMENT AT RIFFA LAND, BLOCK 910	RIFFA
		66 KV OVER HEAD LINE UNDERGROUNDING @ SANAD BUHAIR SECTION	SANAD
		1200 TOWN HOUSES & 2360 FLATS @ SALMABAD	SALMABAD
		INFRASTRUCTURE WORKS FOR 342(319 + 23) NO'S T8 TOWN HOUSES PHASE 192 SITE 161 BLOCK 241 & 242	ARAD
		PROPOSED CAR PARK NEAR HASAN BIN THABI BOYS SCHOOL BLOCK 207	MUHARAQ
		265 NOS HOUSE BLOCK 625 & 745	SANAD
		FOOTBALL PLAY GROUND	BURHAMA
33	AL MAKEENA	265 NOS TOWN HOUSE	SANAD
		225 NOS HOUSE BLOCK 625 & 745	ARAD
		225 D11 TYPE @ NABIH SALEH	NABI SALEH
		RESTAURANT AT ADILYA	ADLIYA
35	UNITED CEMENT CO	MINA SALMAN INDUSTRIAL AREA	MINASALMAN
		GENERAL - QC	-
36	AL BARAQ AL KHALEEJI CONSTRUCTION	PROPOSED 3 STOREY 2 ATTACHED VILLAS	GALALI
		PROPOSED PRIVATE VILLA AT SARAYA 2	SARAYA
		PRIVATE VILLA	BUDAIYA
		PROPOSED 5 STOREY BUILDING AT SANAD	SANAD
37	AL MOAYYED	POLICE FORT	MANAMA



QEL MATERIAL TESTING-MAJOR COMPLETED / ON-GOING PROJECT			
SL NO.	CLIENT	PROJECT	LOCATION
	CONSTRUCTION	PROPOSED OFFICE AND RESIDENTIAL BUILDING	SANAD
38	ANSARI ENGINEERING SERVICES	AL NAKHEEL RESORT AND SPA DEVELOPMENT DETERMINING SEA WATER @ KING FAISAL CRONCH	JANABIYA -
39	SEOUL CONSTRUCTION	3 STOREY BUILDING AT HIDD	HIDD
40	NATIONAL CONCRETE	832 AFFORDABLE HOUSING AT LAWZI LAKE	LAWZI LAKE
41	BAHRAIN PIPES	QC MONITORING	SALMABAD
43	ARAD	PROPOSED SEWERAGE SCHEME , AL QURRAYAH-551 SHAHRACKAN SEWERAGE SCHEME PROPOSED SEWERAGE SCHEME	AL QURRAYAH SHAHRACKAN ARAD
44	AAA HOMES	IBIS HOTEL THE ASIAN SCHOOL & 31 SHOPS STAFF ACCOMMODATION FOR SHEIKH KHALIFA BIN SALMAN AL KHALIFA HOUSE #2105, ROAD #4443 BLOCK	SEEF TUBLI JASRA 2 ARAD
45	KELLER	22 STOREY BUILDING AT JUFFAIR (MENWAH III) SOIL IMPROVEMENT WORKS MIRAGE CENTRE @ AL AHLI CLUB WATER TRASMISSION DEVELOPMENT PROJECT 5 STAR HOTEL & RESORT CAR PARK @ DIPLOMATIC AREA RESIDENCE TOWER	 JUFFAUR SEEF ZINJ HIDD FS SEEF
46	DADABHAI	JUFFAIR HEIGHTS JH01 @ JUFFAIR SAMARAH COMMERCIAL DEVELOPMENT PROPOSED ALUMINIUM FABRICATION FACTORY MIRAGE CENTRE	JUFFAIR SEEF HIDD ZINJ
47	MASTER CONSTRUCTION	RESIDENTIAL APARTMENT BUILDING AT PLOT AR-04 & AR-05 MAASTER INDUSTRIAL PARK @ HAMALA SPORTS RECREATIONAL FACILITIES & LABOUR ACCOMODATIO MARINA BRIDGE 01 & 02	DURRAT MARINA HAMALA DEMISTAN DURRAT MARINA
48	AL JAMEEL	3 STOREY APARTMENT PROPOSED 92 UNIT 3 7 STOREY BUILDING 7 STOREY BUILDING PROPOSED MULTI STOREY BUILDING (TWEET TOWER) DRAGON CITY	HAMAD TOWN SANAD AL BUHAIR SEEF SEEF DIYAR AL MUHARAQ
49	ACTION	RAFFLES CITY AT BAHRAIN BAY (MCS 021)	BAHRAIN BAY
50	DUNDEE	VILLA FOR MR.NAWAF ZAYANI @ WEST RIFFA	WEST RIFFA
51	HASSAN AL ANSARI	MOSQUE AT ASKAR 18-STOREY BUILDING 6 - STOREY BUILDING	 ASKAR
52	EKLEEL	PROPOSED TWO STOREY RESIDENTIAL BUILDING HOUSING REHABILITATION AND RENOVATION PROGRAM HOUSING REHABILITATION AND RENOVATION PROGRAMME	AL DAIR HIDD BUSAITTEEN
53	UNITED ENTERPRISES	HOUSING REHABILITATION AND RENOVATION PROGRAMME	-
54	CYPRUS BUILDING	TERM. CONTRACT FOR 47 HOUSES, TYPE - D11	NABIH SALEH
55	ARABIAN SUGAR	ARABIAN SUGAR FACTORY	HIDD
56	AL BARAHA CONST	AL NA'YEEM RECLAMATION & SHORE PROTECTION WORK	ASKAR
56	IDEAL PROJECT	46 HOUSES AT HAMALA.	HAMALA
57	MANAMA FOOD INDUSTRY	PROPOSED FACTORY AND OFFICE BUILDING	HIDD
58	KINGDOM BLOCKS	GENERAL - QC	HIDD
59	ADEL NOAIMI CONTRACTING	PROPOSED 3 STOREY BUILDING	GALALI
60	AL WESHA	ROYAL COURT PSK2 IRRIGATION WATER TANK S.N.K MAJLISH	RIFFA RIFFA
70	INSULATED BUILDING	GENERAL - QC	-
71	ADLIYA CONSTRUCTION	SUB-STATION 1894 B, BLOCK 338, ROAD 3811, ADLIYA.	ADLIYA
72	AL DIRIYAH CONSTRUCTION	VILLA AT HAMAD TOWN - FOR DR. QARATA	RIFFA
73	AL RAFAEEQ	PROPOSED SOCIAL CENTRE TWO STOREY BUILDING FOR MR.NAWAB RASHED EBRAHIM SALMAN AL GHATAM	BUSAITTEEN ZALLAQ
74	TRASS INTERNATIONAL	PROPOSED 2'NOS OF TWO STOREY CONNECTED VILLAS	A'ALI
75	INTER LOCK	IMPROVEMENT OF AVENUE 28, OPPOSITE OF BAHRAIN MALL	SANAD
76	FONDANA	13 STOREY BUILDING (PLOT 1179) PROPOSED CAR WASH BUILDING PROPOSED PRIVATE VILLA	AMWAJ MUHARRAQ AMWAJ ISLAND
77	AL JENAN DOOR SYSTEM	MINISTRY OF HOUSING	-
79	BAHRAIN VENTILATION	PROPOSED 3 STOREY FACTORY BUILDING AT SITRA INDUSTRIAL AREA	SITRA
80	GARNETT CONSTRUCTION	BDF STORE	ZALLAQ
81	MIDDLE EAST FOUNDATION	JUFFAIR HEIGHTS, BAHRAIN	JUFFAIR
82	AKJC	HAMALA SEWERAGE SCHEME - 1010	HAMALA



QEL MATERIAL TESTING-MAJOR COMPLETED / ON-GOING PROJECT			
SL NO.	CLIENT	PROJECT	LOCATION
83	WINTech	BALEXCO - PRESS #4	HIDD INDUSTRIAL AREA
84	BANZ TRADING	BANZ WAREHOUSE - 01	JUFFAIR
85	AL TAITOON	GRAND TOWER	JUFFAIR
87	AL RAKHI	PROPOSED PRIVATE VILLA	ARAD
88	AHMED ISA CONSTRUCTION	PROPOSED AL ASKARY MOSQUE	HAMAD TOWN
		AL BARIDGE MOSQUE	A'ALI
89	CONFIDENT CONSTRUCTION	PROPOSED 3 STOREY RESIDENCIAL BUILDING	SAAR
90	AL MUSAIRIE	SAC CENTRE RLBS AT DODD SCHOOL - JUFFAIR	JUFFAIR
91	AL HOOK CONSTRUCTION	TWO STOREY VILLA FOR ABDUL AZIZ AHMED KHALIFA AL MULLA	RIFFA
92	AL HAYKI CONSTRUCTION	32 VILLAS @ DILMUNIA	DILMUNIA ISLAND
93	G.P.ZACHARIDES	ZALLAQ PALACE GUEST HOUSE - RENOVATION	ZALLAQ
94	MTM TRADING	2 NOS APPARTMENT BUILDING TYPE - AX @ BURHAMA.	BUHAMA
95	SANTY EXCAVATION	PROVISION OF CIVIL CONSTRUCTION WORKS FOR SAHRAIN DEEP GAS WELL	OXY SITE
96	FALCON CEMENT	GENERAL - QC	-
97	AL A'ALI & AL SAYED	137908/C FILLING FOR PROPOSED 4 STOREY BUILDING - SSFD	SAFRAH
98	MJC	32 SEA VILLA DILMUNIA	DILMUNIA
100	AAA BIN HINDI	GENERAL - QC	SITRA
101	SMART LAND	3 STOREY BUILDING	WEST RIFFA
102	AL - FARAJ TRADING	GENERAL - QC	-
103	110 CONSTRUCTION	7 STOREY BUILDING AT UM AL HASSAN FOR SHEIKH SALMAN ATIYATALLA AL KHALIFA	UM AL HASSAM
		7 STOREY BUILDING AT UM AL HASSAM	UM AL HASSAM
104	UNITED ARAB CONSTRUCTION	13 STOREY BUILDING (PLOT 1179)	AMWAJ
		PROPOSED MULTI STOREY	SEEF
		PROPOSED TREASURE TOWER	DILMUNIA
105	BAHRAIN AIRPORT	ND TESTING FOR OLD MAINTENANCE CENTRE AT SAHRAIN INTERNATIONAL AIRPORT	AIRPORT
106	RP CONSTRUCTION	BOUNDARY WALL @ BUDAIYA	BUDAIYA
		RMK PROJECTS - 26 STOREY RESIDENTIAL BUILDING TOWER	JUFFAIR
		WASMIYA GARAGE FOR 'H.H SHAIK KHALIFA	ZALLAQ
		QUARRAYAH GARDEN DEVELOPMENT	QUARAYAH, RIFFA
		7 STOREY BUILDING	HIDD
107	AL RAZDAN CONT	TWO STOREY BUILDING	SANAD
108	KEMEN GROUP	ENDURANCE VILLAGE	ZALLAQ
110	BPC	AWALI MOSQUE 12008	SALMABAD
111	SUGAN REAL ESTATE	4 STOREY BUILDING	UM AL HASSAM
112	MAJESTIC ARJAAN CONST	GENERAL - QC	-
113	YASER ABDULLAH	SUBDIVISION AT PLOT NO-1002908 AND PLOT NO- 10022852	HAMAD TOWN
114	PROJECT CONSTRUCTION	MALKIYA GIRLS PRIMARY & INTERMEDIATE SCHOOL (CPD-14/03)	MALKIYA
		MADINAT HAMAD BOYS INTERMEDIATE SCHOOL	HAMAD TOWN
115	DESERT EAGLE SERVICES	GENERAL - QC	-
116	AICI	MILKON	JUFFAIR
		UKMCC	MINASALMAN
117	SAUDI TOWER	GENERAL - QC	SALMABAD
118	SAAJ	GENERAL - QC	HIDD



Quality Policy



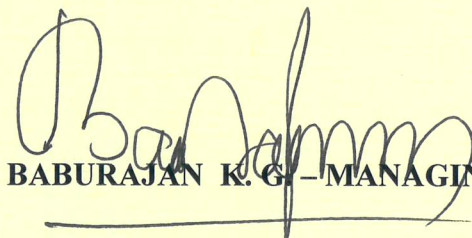
QEL- BAHRAIN BRANCH

Quality Policy

We at QEL-Bahrain Branch is committed to ensure accurate and timely testing, inspection and reporting services and to continually meet or exceed the stated or implied expectations of our customer, to achieve customer satisfaction. QEL interacts with customers on day to day basis for feedback of action, provide development support and establish Quality checks.

This policy is achieved through,

- ✓ The commitment of the Management and Staff for providing excellent professional and quality services to our customers with the highest possible accuracy and precision.
- ✓ Maintaining accuracy, precision and reliability of testing services by complying with National / International Standards and relevant Project Specifications.
- ✓ Communicating the Company's quality statement, objective and documents to all concerned personnel by involving every employee as active participant in the process of continuous review and modification of quality improvement as it relates to all aspects of the company's business.
- ✓ Complying with the requirements of the International Standards ISO 9001:2015 and ISO/IEC 17025:2005 and continually improving the effectiveness of the management system.
- ✓ Addressing customer feedback to continuously improve our performance and analyzing the root cause of complaints, if any, to prevent recurrence.


BABURAJAN K. G. - MANAGING DIRECTOR



21ST NOVEMBER 2017



PRE-QUALIFICATION DOC.

SAFETY POLICY

QEL- Bahrain Branch

QATAR ENGINEERING LABORATORIES

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COEPP Licence No. EPP/GC/21 - D (A)



A BKG HOLDING COMPANY

كيو إي إل - فرع البحرين

قطر للمختبرات الهندسية



SAFETY POLICY

QATAR ENGINEERING LABORATORIES (QEL)-Foreign Branch is committed to ensuring the health, safety and welfare of its employees, so far as is reasonably practicable. The Company also accepts fully its responsibility for other persons who may be affected by its activities. The Company will take all necessary steps to ensure that its statutory duties are met at all times. This is to be achieved by committing the necessary resources and by involving all the employees. The successful Implementation of this policy requires total commitment from all levels of employee, from the boardroom to the site operations. Each individual has a legal obligation to take reasonable care for his or her own health and safety of other people who may be affected by his or her acts or missions. Full details of the organization and arrangements for health and safety are set out in the QATAR ENGINEERING LABORATORIES (QEL)-Foreign Branch Safety Management System manual, which include separate safety modules,

The Company is committed to:

- The provision and maintenance of a working environment for employees that is as safe as possible, minimizes risk to health and adequate as regards facilities and arrangements for their welfare at work.
- The provision and maintenance of plant and systems of work that are safe and without risks to health.
- Safety and absence of risks to health in connection with the handling, storage and transport of articles and substances.
- The maintenance of a system for communicating safety policy to all employees for instructing and training and for the supervision of safe operations.
- The maintenance of adequate facilities and arrangements to enable employees and their representatives to raise issues of health and safety.

As Managing Director of QATAR ENGINEERING LABORATORIES (QEL)-Foreign Branch, I have overall responsibility for safety. I have delegated day to day implementation of our Safety Policy.

It is a condition of employment, as well as a statutory duty, for all employees (Managers, Supervisors and Operatives) to comply with the obligations lay upon them by all statutory regulations. They are also required to co-operate fully with all measures introduced by QATAR ENGINEERING LABORATORIES (QEL)-Foreign Branch to prevent accidents and ensure a healthy and safe working environment.

In circumstances where the Company Safety Policy is willfully disregarded by an employee, whether a Manager, Supervisor or Operative, action will be taken against that person for industrial misconduct, irrespective of any proceedings which may be brought by others.

This policy will be reviewed and, if necessary, revised in the light of legislative or organizational changes and its implementation will be regularly monitored to ensure that the objectives are achieved.

Date: 15 September 2010

Name: K.G.Baburajan

Position: Managing Director



AN INDEPENDENT MATERIALS TESTING LABORATORY, NDT AND GEOTECHNICAL CONSULTANTS

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