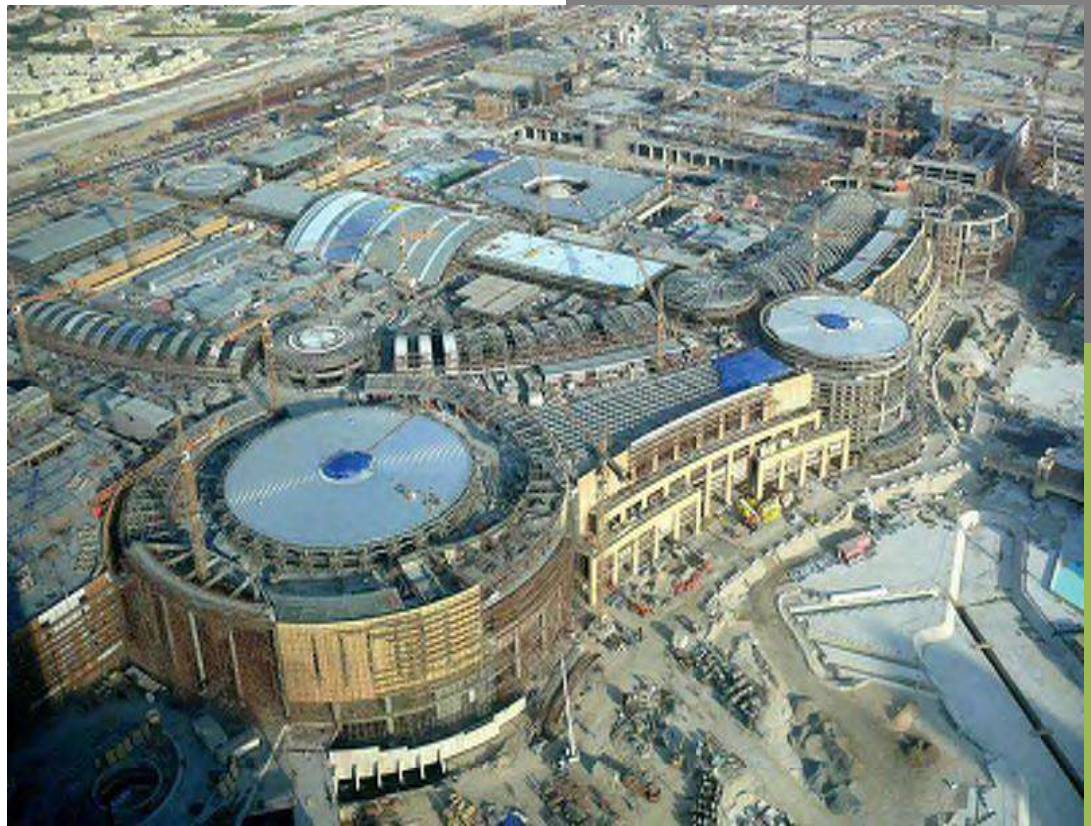


2024

Pre-Qualification Documents



Carawan Electrical & Mechanical Works LLC

P.O.Box: 98684

Dubai, United Arab Emirates

Tel: 9714 2583305, Fax: 9714 2583306

Website: www.carawanmep.com

Office Address: Warehouse no.6

**Baghdad St., Industrial Area No.1,
Al Qusais, Dubai, UAE**



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Cover Letter



كروان للأعمال الكهربائية والميكانيكية CARAWAN ELECTRICAL & MECHANICAL WORKS

Subject : COVER LETTER

We Carawan Electrical Mechanical Works is one of MEP Company based in Dubai started in the year 2006 exclusively to provide real professional work in this highly competitive market of the United Arab Emirates in the line of building services today. All the following are our activities:

- **Air Conditioning**
- **Electrical**
- **Plumbing**
- **Fire Alarm**
- **Fire Fighting**
- **LPG System**
- **Low Current System**

We have planned it in such a way that we are committed to give our best service in this field. We are formed of highly qualified and experience partners in the field of contracting in this company and added to that adequate invested capital to serve the purpose.

The electromechanical line was selected as the personal involved in running the company have vast experience of more than 18 years in electromechanical contracting in this country and elsewhere. We have gained the technique of approaching this assignment and the manner to serve our customer to the best of our ability in this line.



كروان للأعمال الكهربائية والميكانيكية CARAWAN ELECTRICAL & MECHANICAL WORKS

Our management strategy is to offer our clients a high quality workmanship with extremely reliable, efficient and economical systems at a reasonable price. To keep up our pace with ongoing technical innovations, training and development programs are provided for our experienced staff strategically with all our divisions and as well update our policies and procedures accordingly.

We strive to meet and exceed the expectations and requirement of our customers. We act swiftly and flexibly, thereby always focusing on solution to fit our customer's needs. We provide our customer with highly competent and reliable MEP Services, aimed at developing long- lasting and honest partnership.

We assure you that we can provide you with the most suitable tenders, suitable design, selection of material and supervision of site at any moment you see our service. Since then with its quality and commitment to the construction world of U.A.E. has proven to be of continuous and sustainable growing organization.

Carawan Electrical & Mechanical Works undertakes total project solutions in executing HVAC, Electrical, Plumbing and Fire Systems. Our expertise in Electromechanical projects include Residential, Commercial, Industrial and Institutional Projects Whilst our core competency lies in these specialized areas, Carawan Electrical & Mechanical Works LLC has a unique culture providing exceptional services to our customers and committed to exceeding their expectations.



كروان للأعمال الكهربائية والميكانيكية CARAWAN ELECTRICAL & MECHANICAL WORKS

With our strengths as mentioned above you can be assured of our best attention at all times for completing your prestigious project on time

We would like to request you to prequalify Carawan Electrical & Mechanical Works in your MEP contractor/Subcontractors List and give us an opportunity to work with you on your upcoming projects.

For Carawn Electrical & Mechanical Works LLC

Abdul Majeed Al Khadrawi
Managing Director

License & Registrations

- Trade License

رخصة تجارية Commercial License

تفاصيل الرخصة / License Details

License No.	585988	رقم الرخصة
Company Name	CARAWAN ELECTRICAL & MECHANICAL WORKS (LLC)	اسم الشركة
Trade Name	CARAWAN ELECTRICAL & MECHANICAL WORKS (LLC)	الإسم التجاري
Legal Type	Limited Liability Company(LLC)	الشكل القانوني
Expiry Date	16/09/2024	تاريخ الإنتهاء
Issue Date	17/09/2006	تاريخ الإصدار
D&B D-U-N-S ®	561546008	الرقم العالمي
Register No.	1040169	رقم السجل التجاري
Main License No.	585988	رقم الرخصة الام
DCCI No.	111110	عضوية الغرفة

الأطراف / License Members

Share / الحصص	Role / الصفة	Nationality / الجنسية	Name / الإسم	No./رقم الشخص
	Manager / مدير	Jordan / الاردن	عبدالمجيد عبد الرحيم علي الخضراوي	309294
			ABDELMAJID ABDELRAHIM A AL KHADRAWI	

نشاط الرخصة التجارية / License Activities

Electrical Fitting Contracting	اعمال التمديدات الكهربائية
Electromechanical Equipment Installation and Maintenance	اعمال تركيب المعدات الكهروميكانيكية وصيانتها

العنوان / Address

Phone No	971-4-2583305	تليفون	P.O. Box	98684	صندوق بريد
Fax No	971-4-2583306	فاكس	Parcel ID	242-192	رقم القطعة
Mobile No	971-50-9834956	هاتف متحرك			البريد الإلكتروني / Email

مستودع رقم 6 ملك خالد احمد الشيخ مبارك علي الشامسي - القصيص الصناعي الأولى

الملاحظات / Remarks

Print Date 20/09/2023 16:37 تاريخ الطباعة

Receipt No. 15220545 رقم الإيصال



يمكنك الآن تجديد رخصتك التجارية من خلال الرسائل النصية القصيرة، أرسل رقم الرخصة إلى 6969 (دو/اتصالات) للحصول على إذن الدفع.
Now you can renew your trade license by sending a text message (SMS). Send your trade license number to 6969 (Du/ Etisalat) to receive payment voucher.

Get **FREE** access to Zoho One for the first year
احصل على زوهو ون مجاناً للسنة الأولى



Zoho.com/det

وثيقة إلكترونية معتمدة وصادرة بدون توقيع من دائرة الاقتصاد والسياحة في دبي. لمراجعة صحة البيانات الواردة في الرخصة يرجى مسح رمز الاستجابة السريعة
this is a certified e-document issued without signature by the department of Economy and Tourism. Kindly Scan the QR Code to Verify the certificate

شهادة تسجيل العضوية

Membership Certificate

License no.	585988	رقم الرخصة	585988
Membership no.	111110	رقم العضوية	111110
Registration no.	1040169	رقم السجل التجاري	1040169
Trade Name	CARAWAN ELECTRICAL AND MECHANICAL WORKS (LLC)	الاسم التجاري	كروان للأعمال الكهربائية والميكانيكية (ش.ذ. م.م)
Legal Status	Limited Liability Company(LLC)	الشكل القانوني	ذات مسؤولية محدودة
Activity	Electromechanical Equipment Installation and Maintenance Electrical Fitting Contracting	نوع النشاط	اعمال تركيب المعدات الكهروميكانيكية وصيانتها اعمال التمديدات الكهربائية
Member Since	17/09/2006	تاريخ الإنتساب	17/09/2006
Date of Issue	17/09/2006	تاريخ الإصدار	17/09/2006
Expiry Date	16/09/2024	تاريخ الإنتهاء	16/09/2024

Remarks

This certificate shall be invalid incase of any alteration without chamber's authorization

For online verification of this Certificate, please visit our website
<http://www.dubaichamber.ae/verify>

غرفة تجارة وصناعة دبي
Dubai Chamber of Commerce & Industry

P.O. Box 1457 - Dubai, U.A.E. | Tel (Within UAE) 800 CHAMBER (800 2426237) | Tel (Outside UAE) (+971) 4 2280000
هاتف 4 2280000 (+971) | فاكس 4 2211646 (+971) | customercare@dubaichamber.ae | www.dubaichamber.ae

الملاحظات

تعتبر هذه الشهادة لاغية في حال أي كسب أو تعديل عليها دون اعتماد ذلك من الغرفة

للتأكد من صحة بيانات الشهادة يرجى الرجوع إلى موقع الغرفة
<http://www.dubaichamber.ae/verify>



رخصة تجارية
Trading License



License Details تفاصيل الرخصة

Issue Date	2019/07/08	تاريخ الإصدار	License No.	769122	رقم الرخصة
Expiry Date	2024/07/08	تاريخ الإنتهاء	Registration No.	187865	رقم السجل
Trade Name	CARAWAN ELECTRICAL & MECHANICAL WORKS L L C - SHJ. BR				الاسم التجاري
Legal status	Branch for Local Company				الشكل القانوني

License Members أطراف الرخصة

الحصص	الصفة	رقم الهوية / الجواز	الجنسية	إسم المستثمر	رقم المستثمر
Shares	Type	ID/Passport No.	Nationality	Investor Name	Investor No.
%51	شريك	784197107275246	الإمارات	حمده محمد سالم محمد العامري	4746871
%49	شريك	784197246372730	الأردن	عبدالمجيد عبدالرحيم على الخضراوي	4746869

أنشطة الرخصة

مقاولات فئة سادسة كهرباء وتركيب وحدات التكييف

العنوان الشارقة-مويح/الشارقة- خلف شارع الشيخ محمد بن زايد -محل رقم 2 ملك عبيد محمد عبيد الدرمني

رقم الهاتف المتحرك: 0509834956

صندوق البريد: 98684 الشارقة

البريد الإلكتروني: shejincarawan@gmail.com

تاريخ الطباعة

2023/07/09

رقم المستخدم

39795

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To view license details please visit SEDD web site: www.sedd.ae

- It is prohibited to distribute advertisements in public places and residential areas.

- A permit is required when conducting any promotion.

- هذه الوثيقة رسمية ولا تحتاج لختم أو توقيع.

للتأكد من صحة البيانات يرجى زيارة موقع الدائرة: www.sedd.ae

- يمنع توزيع الإعلانات في الأماكن العامة والأحياء السكنية.

- يلزم استخراج تصريح عند إجراء أي عروض ترويجية.



شهادة سجل تجارية
**Trading Register
Certificate**



License No.	769122	رقم الرخصة	Registration No.	187865	رقم السجل
Expiry Date	2024/07/08	تاريخ الإنتهاء	Issue Date	2019/07/08	تاريخ الإصدار
Trade Name	CARAWAN ELECTRICAL & MECHANICAL WORKS L L C - SHJ. BR				الاسم التجاري
Legal status	Branch for Local Company				الشكل القانوني

أنشطة الرخصة	مقاولات فئة سادسة كهرباء وتركيب وحدات التكييف
العنوان	الشارقة-مويلح/الشارقة-- خلف شارع الشيخ محمد بن زايد -محل رقم 2 ملك عبيد محمد عبيد الدرمني



2023/07/09	تاريخ الطباعة
39795	رقم المستخدم

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- يلزم استخراج تصريح عند إجراء أي عروض ترويجية.

رخصة اقتصادية

رخصة تجارية

منشأة اقتصادية ناشئة

Economic License

Commercial License

Emerging Economic Establishment

License No	:	CN-4697381	:	رقم الرخصة
ADCCI No	:	8800037317	:	عضوية الغرفة
Establishment Card MOHRE	:	1540950	:	وزارة الموارد البشرية والتوطين بطاقة المنشأة
Establishment Card ICA	:	816517	:	الهيئة الاتحادية للهوية والجنسية - بطاقة المنشأة
Legal Form	:	UAE Branch - Dubai	:	الشكل القانوني فرع اماراتية - دبي
Trade Name	:	CARAWAN ELECTRICAL & MECHANICAL WORKS L L C - BRANCH OF ABU DHABI 1	:	الإسم التجاري كروان للأعمال الكهربائية و الميكانيكية ش ذ م م - فرع أبو ظبي 1
Establishment Date	:	30/11/2022	:	تاريخ تأسيس المنشأة
Issue Date	:	16/01/2024	:	تاريخ الإصدار
Expiry Date	:	15/01/2025	:	تاريخ الإنتهاء

الصفة Role	الجنسية Nationality	الملاك / الشركاء Owners / Partners	الرمز No.
شريك Partner	الإمارات العربية المتحدة United Arab Emirates	حمده محمد سالم محمد العامري HAMDA MOHAMMED SALEM MOHAMMED ALAMERI	20140901
شريك Partner	الأردن Jordan	عبدالمجيد عبدالرحيم على الخضراوي ABDELMAJID ABDELRAHIM A AL KHADRAWI	20135201
مدير Manager	الأردن Jordan	عبدالمجيد عبدالرحيم على الخضراوي ABDELMAJID ABDELRAHIM A AL KHADRAWI	20135201

Economic Activities	:	الأنشطة الاقتصادية
- Sanitary Installation and Pipes Repairing		- إصلاح وصيانة التمديدات والتركييبات الصحية.
- Installation of electrical wiring and fixtures		- تركيب التمديدات والتركييبات الكهربائية
- Electrical Fittings and Fixtures Services		- إصلاح وصيانة التمديدات والتركييبات الكهربائية.
- * Electrical Contracting		- * المقاولات الكهربائية
- Electromechanical Equipment Installation and Maintenance		- أعمال تركيب المعدات الكهروميكانيكية وصيانتها
- * Mechanical Contracting		- * المقاولات الميكانيكية

The Contractor is not permitted to practice the activities marked with sign (*) unless these activities are classified and a Classification certificate is obtained for the department of Department of Urban Planning and Municipalities

لا يحق للمقاول ممارسة الأنشطة المشار إليها بعلامة (*) إلا بعد الحصول على شهادة التصنيف المعتمدة من دائرة التخطيط العمراني والبلديات.

Official Email	:	info@carawanmep.com	:	البريد الإلكتروني الرسمي
Official Mobile	:	+971509834956	:	رقم التواصل الرسمي



www.added.gov.ae

وثيقة معتمدة وصادرة بدون توقيع أو ختم من دائرة التنمية الاقتصادية - أبوظبي. للتحقق من صحة البيانات الواردة في الرخصة برجاء زيارة الموقع www.tamm.abudhabi

Approved document issued without signature or stamp by the Department of Economic Development - Abu Dhabi. To verify the license kindly

العنوان : مصفح, مصفح 4, 0 : ~, مبنى, حكومة أبوظبي
Address :
العنوان الموحد : مصفح - مصفح 4 - ~ - 13
Onwani Address : Musaffah - M4 - ~ - 13

البريد الإلكتروني الرسمي : info@carawanmep.com
Official Email :
رقم التواصل الرسمي : +971509834956
Official Mobile :



License & Registrations

- Dubai Statutory Authority Registrations

Update Profile

Application Category *

Contractor-Electrical should have Trade License issued by Department of Economic -Development, Dubai. specifying the activity as per applied category. They should have min one Graduate Electrical Engineer in their sponsorship with minimum 1 year exp

Partner No

Company Full Name *

P.O Box *

Street Number

Street Name

City *

Office Location/Area *

Telephone * (04##### eg. 041234567) Ext *

Fax (04##### eg. 041234567)

Email * (e.g yourname@emirates.net.ae or yourname@companyname.com)
Note: Only company and etisalat email address is allowed.

Trade License Number *

Date of Issue * (DD.MM.YYYY eg. 02.02.2010)

Date of Expiry * (DD.MM.YYYY e.g 02.02.2010)

VAT Registration Number (eg. 123456)

Company Activity Description *

Applicant's/Engineer's Details

Applicant Name *

Nationality *

Designation *

Department *

Passport Number *

Passport Issue Date * (DD.MM.YYYY eg. 02.02.2010)

Passport Expiry Date * (DD.MM.YYYY eg. 02.02.2010)

Residence Permit Number * (XXX/XXXX/XXXXXXX)

Residence Permit Issue Date * (DD.MM.YYYY eg. 02.02.2010)

Residence Permit Expiry Date * (DD.MM.YYYY eg. 02.02.2010)

Mobile Number * (05##### e.g. 0501234567)

User Details

UserName *
(Should be between 6-16 characters.Can contain only alphabets and numbers e.g. abc123)

Documents to Upload

Only Valid PDF attachments are allowed by DEWA

Trade License (only for Non-DED licenses)

No file chosen

FEWA LICENSE

الاتحاد للماء والكهرباء
Etihad Water & Electricity

رخصة مقاول تسليكات كهرباء
Electrical Wiring Contractor Licence

Licence No.	503	رقم الرخصة
Company Name	كروان للأعمال الكهربائية و الميكانيكية ش.م.م Carawan Electrical & Mechanical Works	إسم الشركة
Address	DUBAI 050 - 7740272	العنوان دبي
Licence Grade	27/03/2024 1 12/07/2024	فترة الترخيص
Licence Load	ABOVE 2000 K.W ما يزيد على 2000 ك.وات	الحمل المصرح

Issue Date	16/09/2020	تاريخ الإصدار
Renewed Date	27/03/2024	تاريخ التجديد
Expiry Date	12/07/2024	تاريخ الإنتهاء

- This Licence is issued by "Etihad WE" authorization to company only as per "Etihad WE" Rules & Regulations.
- In case of lost, please contact P.O. Box 1672 Dubai Or 06-7112024
- This licence renewal yearly
- In case of lost the licence, lost Fee will be applied as per "Etihad WE" Rules & Regulations.

etihadwe.ae

Etihad water & Electricity

الإتحاد للماء والكهرباء

- هذه الرخصة صادرة عن الإتحاد للماء والكهرباء وتستخدم بواسطة الشركة المفعولة فقط
- حسب الشروط والأحكام الملحق عليها عند الإصدار
- في حال العثور عليها يرجى الإتصال على الرقم 067112024 - ص.ب. 1672 دبي
- هذه الرخصة تجدد سنوياً وفي حال فقدانها يتم دفع رسوم بدل فائدة طبقاً للشروط والأحكام الخاصة بذلك

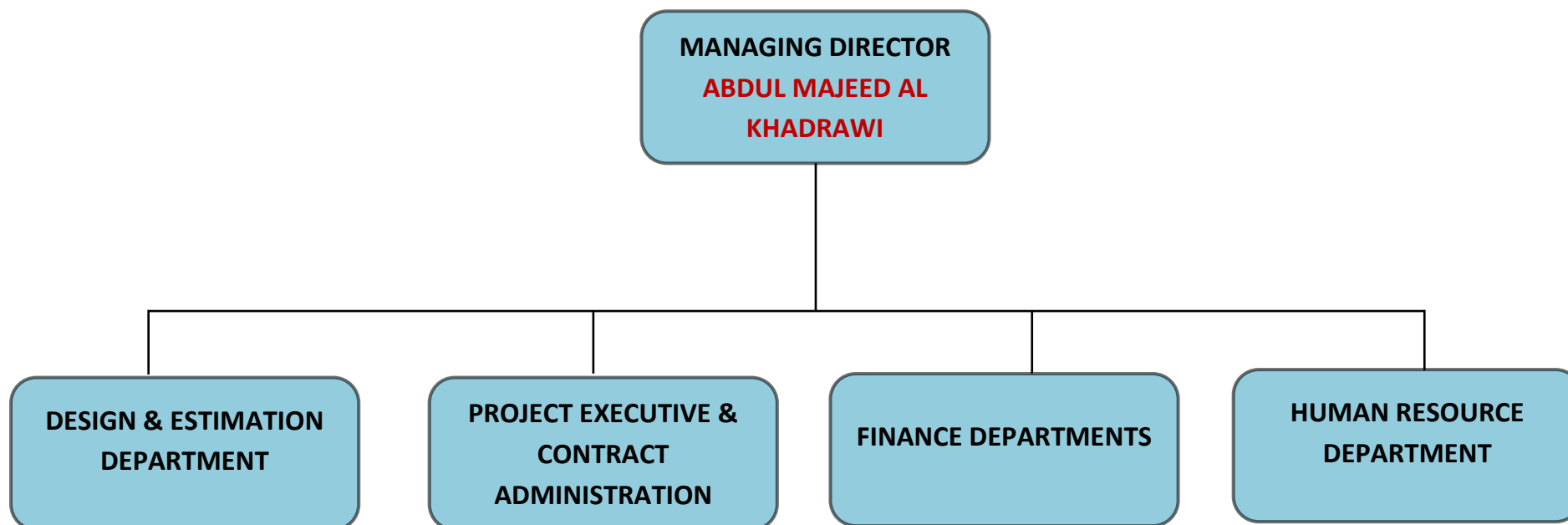
SEWA LICENSE

إدارة توزيع الكهرباء Electricity Distribution Department		هيئة كهرباء ومياه وحار الشارقة Sharjah Electricity, Water and Gas Authority	
COMPANY	CARAWAN ELECT. & MECH. WORKS LLC-SHJ BR.	الشركة	
CATEGORY	2	الدرجة	
ACTIVITY	ELECTRICAL CONTRACTOR	النشاط	
SEWA ID	769122/4920028529	رقم مرجع الهوية	
REG. DATE	20/02/2023	تاريخ التسجيل	
EXP. DATE	19/02/2024	تاريخ الانتهاء	

<ul style="list-style-type: none"> This card is issued by SEWA to authorized company only 	<ul style="list-style-type: none"> تصدر البطاقة للشركات المصرح بها من هيئة كهرباء ومياه وحار الشارقة للشركة المرخصة فقط
<ul style="list-style-type: none"> This card must be presented upon request 	<ul style="list-style-type: none"> يجب تقديم البطاقة عند الطلب
<ul style="list-style-type: none"> To renew this card annually, if lost or damaged fee will be applied 	<ul style="list-style-type: none"> لتجديد البطاقة سنوياً، سيتم تطبيق الرسوم في حالة الضياع أو التلف
<ul style="list-style-type: none"> Card renewal should be applied one month before the expiry date 	<ul style="list-style-type: none"> يجب أن يتم تجديد البطاقة قبل شهر من انتهاء الصلاحية
<ul style="list-style-type: none"> if found, please contact 	<ul style="list-style-type: none"> إذا وجدت، يرجى الاتصال
<p>06 5021 576</p> <p>companiesregistration.edd@sewa.gov.ae</p>	

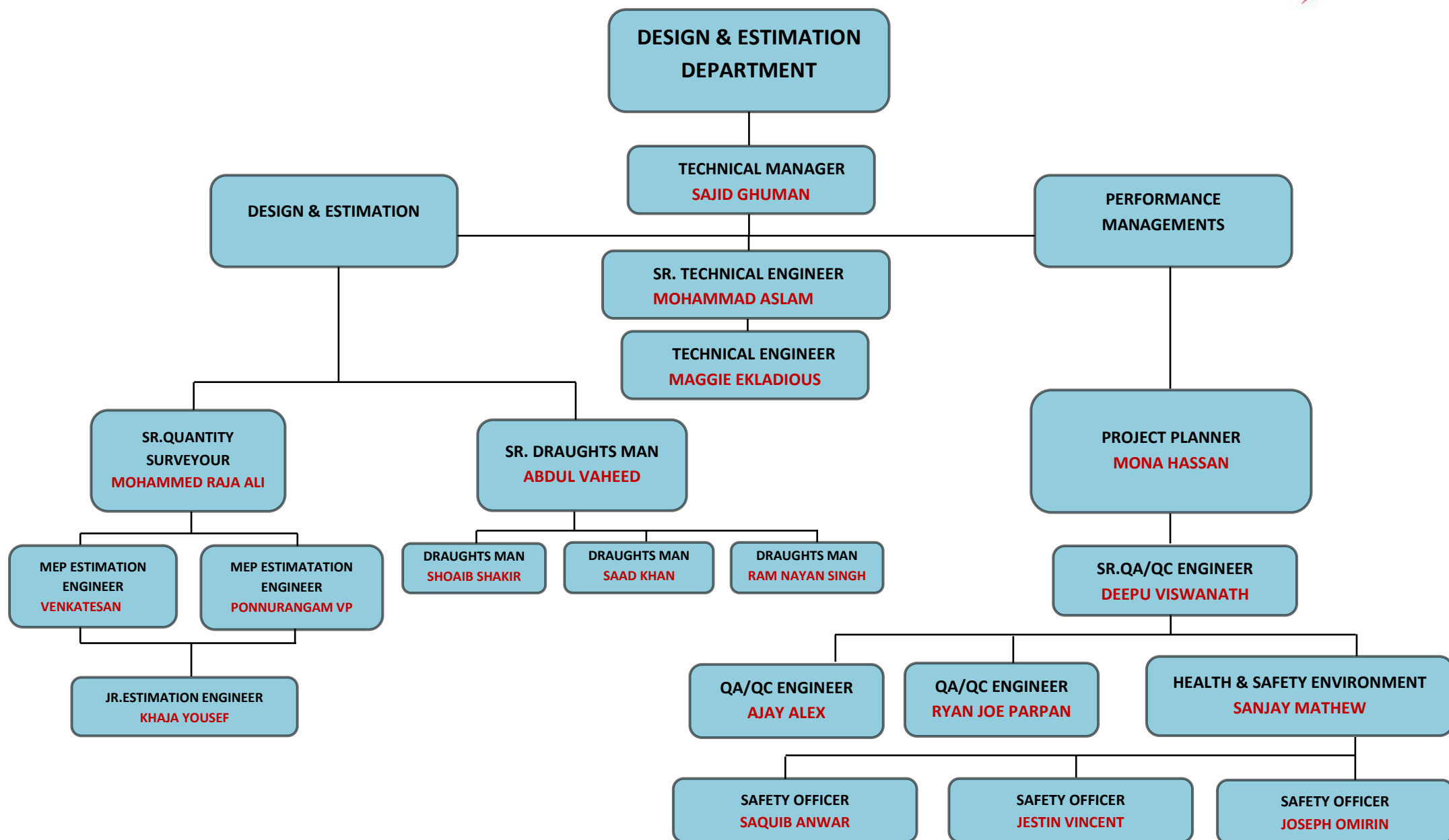
Staff

- Organizational Chart



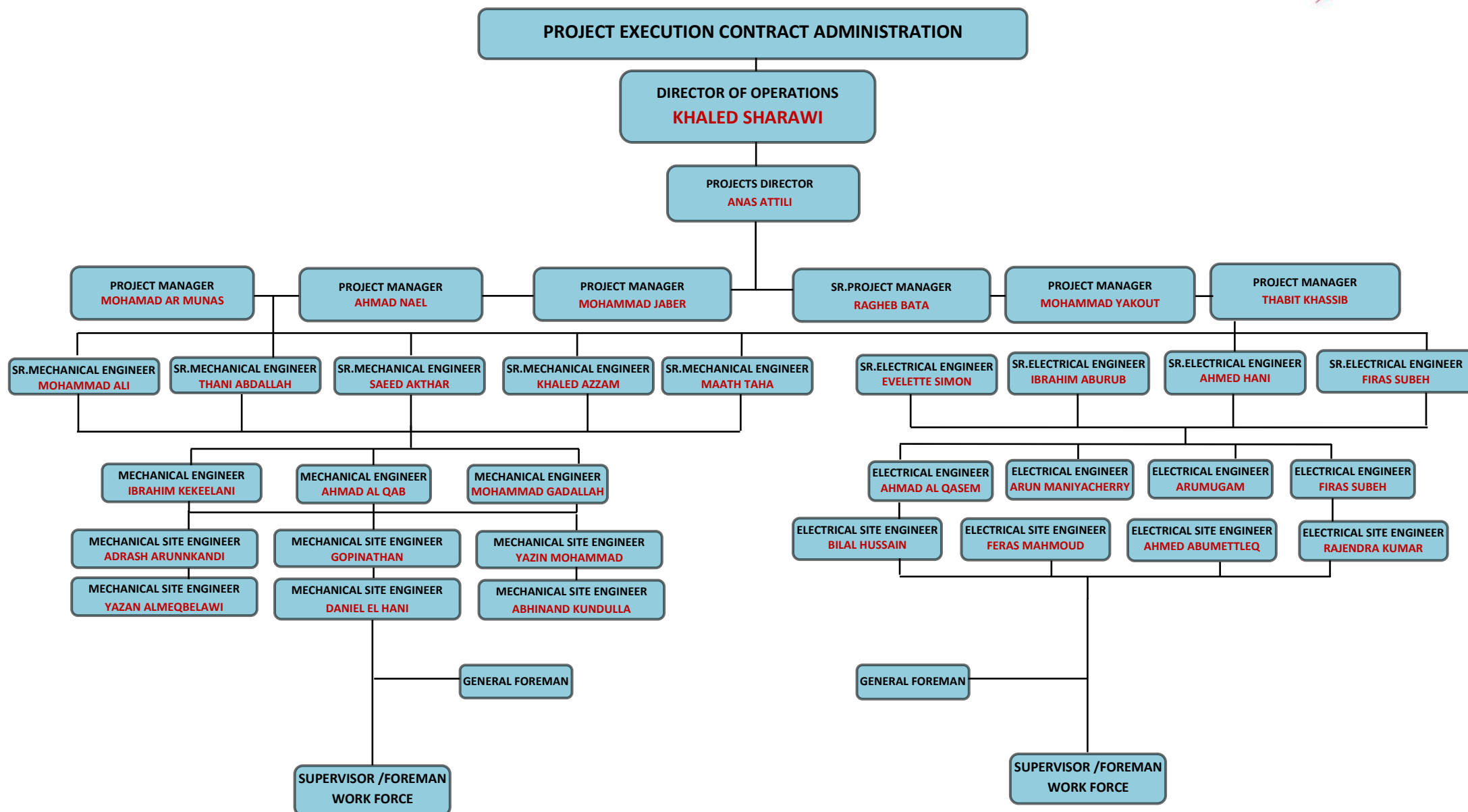


DESIGN & ESTIMATION DEPARTMENTS



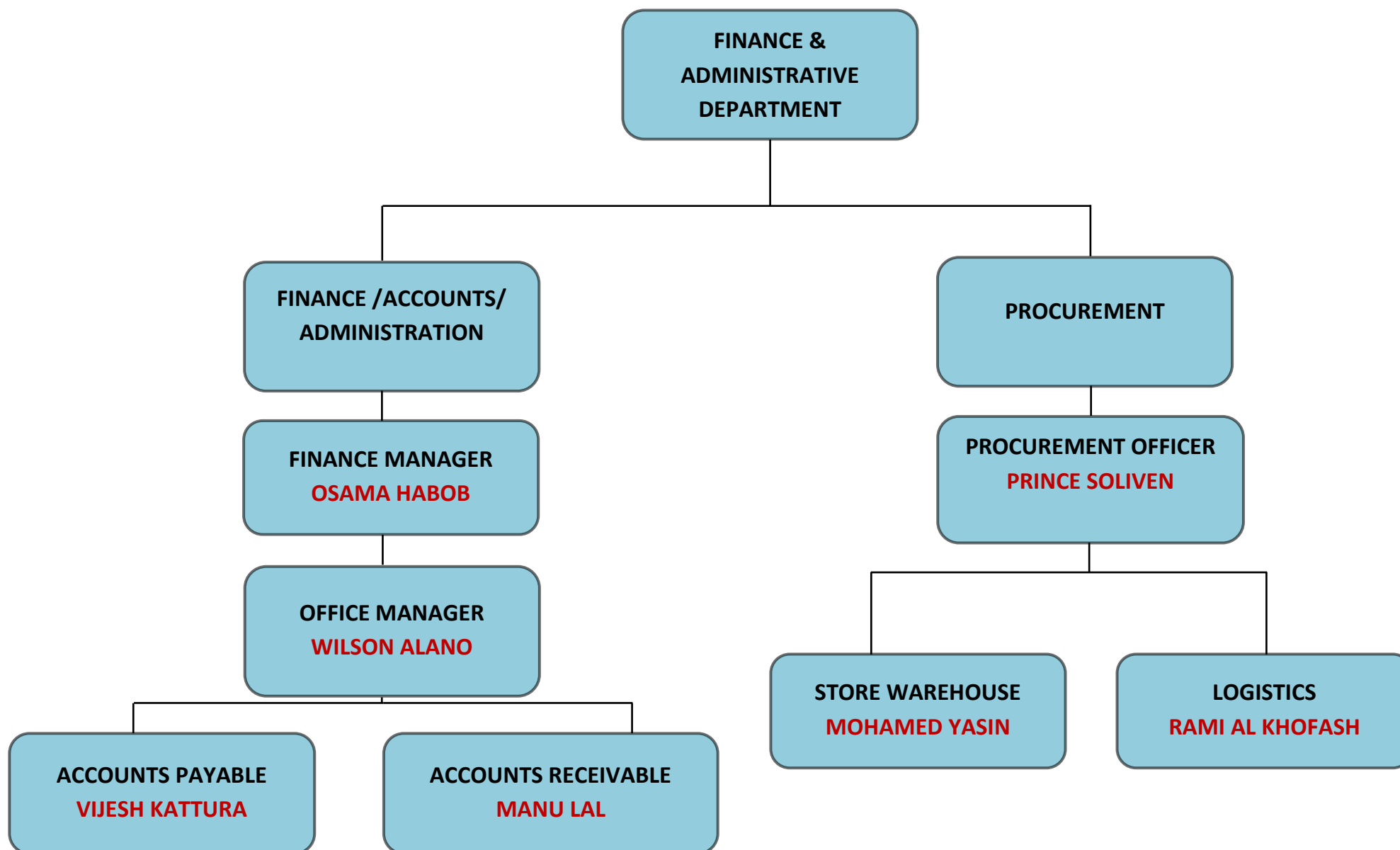


PROJECT EXECUTION & CONTRACT ADMINISTRATION



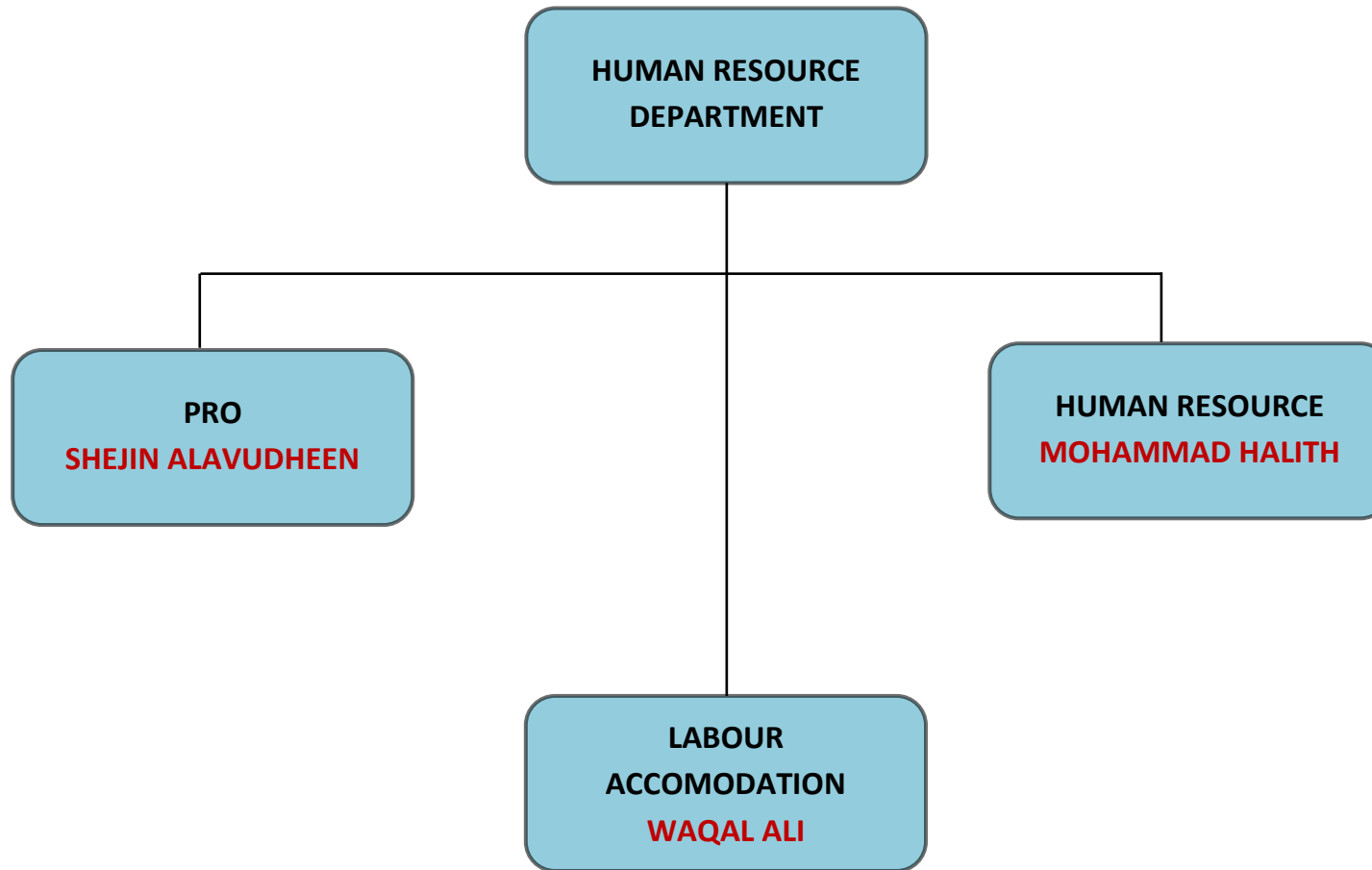


FINANCE & ADMINISTRATIVE DEPARTMENT





HUMAN RESOURCE DEPARTMENT



Staff

- CV's Of Key Staff

NAME

Abdul Majeed Al Khadrawi



DESIGNATION

Managing Director



NATIONALITY

Jordanian



carawan@eim.ae



+971 50 7740272(UAE)

LANGUAGES

ARABIC (Native)

ENGLISH (Fluent)



EDUCATION

B.Sc. Degree in Electrical & Electronics Engineering
Warangal Kakatya University , India



EXPERIENCE: Total 25 Years

- Carawan Electrical & Mechanical Works LLC
- Juma Al Majid Group (EMW Contracting Division, Dubai-UAE)
- Mousa Industrial Co.(MINCO) Dubai, UAE
- Al Owais Electro Mechanical Works Co. Dubai- UAE
- National Multi Engineering Industries Co.(Amman-Jordan)

JOB DESCRIPTION

- o Responsible for the overall direction, coordination, implementation, execution, control and completion of MEP work & also meeting consistency with company strategy, goals in line with the Budgeted cost.
- o Demonstrate and use expert knowhow of the entire MEP part of construction projects in all its aspects: design, function, installations and coordination with other departments.
- o Lead technical coordination meetings with Clients, Subcontractors, Department Heads, PM's, MEP Managers and staff.
- o Manage a large team and monitor the entire project including review project documents and procedures.
- o Able to interface directly with clients, consultants & contractors and possess excellent leadership skills. IT savvy with excellent communication and management skills perquisites.
- o Research and build relationships with new clients.
- o Responsible for planning, scheduling, monitoring controlling and supervised assigned projects, assisted in planning of equipment, labour, material, deployment and optimum utilization.
- o Ensure compliance of construction activity to best industry standards, international codes, planned timelines, allotted budget, company strategy and goals.



PROJECTS HANDLED

- Project detail: Arabian Ranches II –Reem Community Town Houses On Plot No.6655419, At Wadi Al Safa 7 – Dubai, UAE
Client: EMAAR PJSC
Consultant: Al Gurg Consultants
Main contractor: Metac General Contracting
- Project detail: Dubai Opera District Five Wall Openings Connecting Between Boulevard Parking and Opera Plaza/EMAAR.
Client: EMAAR PJSC
Consultant: Aecom Middle East
Main contractor: Consolidated Contractors Company
- Project detail: 3 Nos Residential Building(G+11) in Al Furjan Afra 05,06 & 011
Client: Azizi Investment LLC
Consultant: CVTEC
Main contractor: S.S.Lootah Contracting
- Project detail: Hotel Apartment(B+G+2P+10) in Al Furjan Afra 01 & 03
Client: Azizi Investment LLC
Consultant: 360 Degree Architectural Design Consultancy
Main contractor: Al Kaitoob Building Contracting
- Project detail: Grand cosmopolitan hotel 2B+G+M+6+Gym-Dubai
Client: Nayel Rashid Saif Al Shamsi.
Consultant: EDMAC
Main contractor: Nael Construction and Contracting
- Project detail: ADCI Headquarters B+G+4+Gym-Dubai
Client: Al Dhaheer Capital Investment
Consultant: Archcorp
Main contractor: Dubuild Contracting LLC



PROJECTS HANDLED

- Project detail: Vehicle Testing Center for Almutakamelah
Client: Almutakamelah
Consultant: Yaghmour
Main contractor: Zein Steel for Steel Structures
- Project detail: Masood Naqvi Mosque On Plot No.394-5852 at Emirates Hills
Client: Islamic Affairs & Charitable Activities Department – Masjid-Jama
Consultant: Architecture and Planning Group
Main contractor: Dutco Balfour Beatty LLC
- Project detail: Etihad Office @ Siemens HQ Building Level 2,3, & 4 @ Abu Dhabi
Client: Etihad Airways
Consultant:
Main contractor: ISG Middle East
- Project detail: Wood Group, PSN, Level 22
Client: Wood Group PSN
Consultant: Chapman BDSP
Main contractor: ISG Middle East
- Project detail: Daman National Health Insurance Head Quarter Office- Abu Dhabi
Client: Daman Insurance
Consultant: Bluehaus Engineering
Main contractor: ISG Middle East
- Project detail: G+3 Building Plot. 314-0138 at Umm Hurair, Dubai, UAE
Client: Al Ghurair Real Estate LLC
Consultant: Studio International Engineering Consultants
Main contractor: Reem Capital Contracting



PROJECTS HANDLED

- Project detail: Smart Learning School Program 2014 to 2016
Client: Ministry Of Education
Consultant:
Main contractor: Carawan Electrical & Mechanical Works LLC
- Project detail: Shamma Bint Mohammad School Refurbishment Program
Client: Musanada
Consultant: UPA Engineering
Main contractor: Ranya General Construction Co.
- Project detail: Pre-release Facilities and Clinic Buildings at Asweihaan, Al Ain
Client: International Fund For Houbara Conservation
Consultant: Houbara Lab. Design LTD.
Main contractor: Al Awsaf General Contracting
- Project detail: Shell & Core Shop In Old Town Emaar Boulevard
Client: Emaar Properties
Consultant:
Main contractor: Dutco Balfour Beatty L.L.C.
- Project detail: Chilled Water Re-balancing Works at Dubai Marina Mall and Gourmet Tower
Client: Emaar Properties PJSC
Consultant: Meinhardt(Singapore) PTE LTD
Main contractor: Carawan Electrical & Mechanical Works LLC
- Project detail: First International Group At I-Rise Tower
Client: First International Group
Consultant:
Main contractor: Sketchers Interior Design



PROJECTS HANDLED

- Project detail: Saudi Airlines Regional Office In Dubai, UAE
Client: Saudi Airlines
Consultant:
Main contractor: Sketchers Interior Design
- Project detail: District Cooling Plant -3 RO- Burj Khalifa Development
Client: Emaar Properties PJSC
Consultant: Allied Consultants LTD.
Main contractor: Metito Overseas LTD
- Project detail: Reem Cinema, Burj Dubai Development, Dubai Mall
Client: Emaar Properties PJSC
Consultant: Hyder Consultant
Main contractor: Al Ahmadiyah & MMG
- Project detail: Sega Republic, Burj Dubai Development /Dubai Mall
Client: Emaar Properties PJSC
Consultant: Hyder Consultant
Main contractor: EKA
- Project detail: Kidzania Mexico, Burj Dubai Development / Dubai Mall
Client: Emaar Properties PJSC
Consultant: Hyder Consultant
Main contractor: Ahmadiyah & MMG
- Project detail: 3B+G+P27/10 Floors Waves(Twin) Residential Towers
Client: Damac Properties
Consultant: Ian Banham & associates
Main contractor: Al Meraikhi
- Project detail: Emirates Hills PA10 T2& T2A Apartments (B+G+7- 4 Buildings)
Client: Emaar Properties PJSC
Consultant: Al Hashemi
Main contractor: Al Shafar General Contracting



PROJECTS HANDLED

- Project detail: B+G+6 / 8 Business Park (4 Buildings)
Client: EMAAR Properties PJSC
Consultant: DAR
Main contractor: Bu Haleeba & Al Nekhreh
- Project detail: Out patient Clinics (For Sheikh Khalifa Hospitals- Ajman)
Client: Abu –Dhabi Planning Dept.
Consultant: Al Burj Engineering
Main contractor: Lootah
- Project detail: 4 Buildings(for Ministry Of Education & Youth- Dubai) & Dubai Education Zone
Client: Ministry Of Education
Consultant: Al Burj Engineering
Main contractor: Dhabi Cont.
- Project detail: National Bank Of Dubai
Client: National Bank Of Dubai
Consultant: ARENCO
Main contractor: Al Hudaiba Cont.
- Project detail: B+G+M+3 Hotel Burj Nahar(Dubai)
Client: Mrs.Fathima Bint Ahmed
Consultant: Bin Dalmok Engg.
Main contractor: Al Habbai Cont.
- Project detail: Private Villa & Majlis(For Jamal Al Ghurair)
Client: Mr. Jamal Al Ghurair
Consultant: Al Falasi & Parners
Main contractor: Khan Saheb
- Project detail: Dubai College Extension
Client: Dubai College
Consultant: RMJM
Main contractor: Khan Saheb

NAME

Khaled Sharawi



DESIGNATION

Director Of Operations



NATIONALITY

Jordanian



khaled@carawanmep.com



+971 56 7758098 (UAE)

LANGUAGES

ARABIC (Native)

ENGLISH (Fluent)



EDUCATION

B.Sc. Degree in Mechanical Engineering

Hashemite University Of Jordan



EXPERIENCE: Total 12 Years

- Carawan Electrical & Mechanical Works LLC
- SIMCO Industrial Machinery Trading Company
- General Navigation And Commerce Company

JOB DUTIES & RESPONSIBILITIES

- o Managing project deliverables as per client's schedule & project scope.
- o Controlling projects with respect to cost, IEHS plan, resource deployment, time and cost over-runs and quality compliance to ensure satisfactory execution of the project.
- o Administer overall project execution to ensure successful delivery as per the project contract and planning.
- o Expertise in organizing and executing Mechanical Services; Plumbing, HVAC, Electrical & Fire Fighting.
- o Ensure that project delivered on time within scope and within budget .
- o Initiate communications on deviations, variations, delays/any other issues which impact the project.
- o Resolving all project constraints and resource management as required
- o Negotiation and selection of sub-contractors, Management of sub-contractor within the framework of the specific project.
- o Continuous monitoring the performance of Vendor/Sub contractors/Project personnel and take immediate corrective actions required to ensure smooth progress.
- o Micro planning and day by day monitoring of project. Manpower deployment and resource planning.



PROJECTS HANDLED

- Project detail: Arabian Ranches II –Reem Community Town Houses On Plot No.6655419, At Wadi Al Safa 7 – Dubai, UAE
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Consultant: Al Gurg Consultants
Main contractor: Metac General Contracting
- Project detail: Dubai Opera District Five Wall Openings Connecting Between Boulevard Parking and Opera Plaza/EMAAR.
Client: EMAAR PJSC
Consultant: Aecom Middle East
Main contractor: Consolidated Contractors Company
- Project detail: 3 Nos Residential Building(G+11) in Al Furjan Afra 05,06 & 011
Client: Azizi Investment LLC
Consultant: CVTEC
Main contractor: S.S.Lootah Contracting
- Project detail: Hotel Apartment(B+G+2P+10) in Al Furjan Afra 01 & 03
Client: Azizi Investment LLC
Consultant: 360 Degree Architectural Design Consultancy
Main contractor: Al Kaitoob Building Contracting
- Project detail: Grand cosmopolitan hotel 2B+G+M+6+Gym-Dubai
Client: Nayel Rashid Saif Al Shamsi.
Consultant: EDMAC
Main contractor: Nael Construction and Contracting
- Project detail: ADCI Headquarters B+G+4+Gym-Dubai
Client: Al Dhaheer Capital Investment
Consultant: Archcorp
Main contractor: Dubuild Contracting LLC



PROJECTS HANDLED

- Project detail: Vehicle Testing Center for Almutakamelah
Client: Almutakamelah
Consultant: Yaghmour
Main contractor: Zein Steel for Steel Structures
- Project detail: Masood Naqvi Mosque On Plot No.394-5852 at Emirates Hills
Client: Islamic Affairs & Charitable Activities Department – Masjid-Jama
Consultant: Architecture and Planning Group
Main contractor: Dutco Balfour Beatty LLC
- Project detail: Etihad Office @ Siemens HQ Building Level 2,3, & 4 @ Abu Dhabi
Client: Etihad Airways
Consultant:
Main contractor: ISG Middle East
- Project detail: Wood Group, PSN, Level 22
Client: Wood Group PSN
Consultant: Chapman BDSP
Main contractor: ISG Middle East
- Project detail: Daman National Health Insurance Head Quarter Office- Abu Dhabi
Client: Daman Insurance
Consultant: Bluehaus Engineering
Main contractor: ISG Middle East
- Project detail: G+3 Building Plot. 314-0138 at Umm Hurair, Dubai, UAE
Client: Al Ghurair Real Estate LLC
Consultant: Studio International Engineering Consultants
Main contractor: Reem Capital Contracting



PROJECTS HANDLED

- Project detail: Smart Learning School Program 2014 to 2016
Client: Ministry Of Education
Consultant:
Main contractor: Carawan Electrical & Mechanical Works LLC
- Project detail: Shamma Bint Mohammad School Refurbishment Program
Client: Musanada
Consultant: UPA Engineering
Main contractor: Ranya General Construction Co.
- Project detail: Pre-release Facilities and Clinic Buildings at Asweihan, Al Ain
Client: International Fund For Houbara Conservation
Consultant: Houbara Lab. Design LTD.
Main contractor: Al Awsaf General Contracting
- Project detail: Shell & Core Shop In Old Town Emaar Boulevard
Client: Emaar Properties
Consultant:
Main contractor: Dutco Balfour Beatty L.L.C.
- Project detail: Chilled Water Re-balancing Works at Dubai Marina Mall and Gourmet Tower
Client: Emaar Properties PJSC
Consultant: Meinhardt(Singapore) PTE LTD
Main contractor: Carawan Electrical & Mechanical Works LLC
- Project detail: First International Group At I-Rise Tower
Client: First International Group
Consultant:
Main contractor: Sketchers Interior Design



PROJECTS HANDLED

- Project detail: Saudi Airlines Regional Office In Dubai, UAE
Client: Saudi Airlines
Consultant:
Main contractor: Sketchers Interior Design
- Project detail: District Cooling Plant -3 RO- Burj Khalifa Development
Client: Emaar Properties PJSC
Consultant: Allied Consultants LTD.
Main contractor: Metito Overseas LTD

NAME

Anas Subhi Al-Attili



DESIGNATION

Projects Director



NATIONALITY

Jordanian



anas.attili@carawanmep.com



+971 56 688 56 06 (UAE)

LANGUAGES

ARABIC (Native)

ENGLISH (Fluent)

HINDI (Basic)



EDUCATION

B.Sc. Degree in Mechanical Engineering

Al balqa' Applied University Faculty of Engineering Technology,

Amman, Jordan



Carawan Electrical And Mechanical Works LLC

JOB TITLE

- Providing engineering and project management excellence to meet project objectives for large scale MEP projects right from requirements gathering, planning, contract-negotiation, risk-identification/ mitigation, and technical support.
- Collaborating to deliver challenging and technically advanced projects in automation, security and life safety systems, spearheading site execution team along with a strong understanding of project commercials, design requirements, and regulatory compliance.
- Providing technical input into the planning process for determining project objectives, scope and project deliverables in addition to managing costs associated with the works, and any variations should they arise.
- Reviewing and approving project plans, verifying site controls based upon conformity to and compliance with applicable technical specifications, industry standards, and the project drawings and specifications.
- Managing progress at all stages of the project lifecycle, identifying project risks, contingency plans, resource allocation strategies as well as constant tracking of project milestones to ascertain adherence to budget and schedule.
- Owning accountability for the site work implementation and documentation in order to achieve the project target completion date to avoid project cost overruns.
- Managing the strategic project team capital and revenue budgets and specific project budgets and ensure delivery against both technical and financial targets.
- Utilizing a structured and controlled, methodology based, approach to manage project risk and minimize unidentified threats that negatively impact the project.
- Leading project executions as per the stipulated norms, budgetary spending guidelines and within the estimated cost, timeline & quality. Displaying impeccable attention to detail while verifying plans, drawings, and quantities for accuracy of calculations.
- Providing leadership in meetings with team members, senior management consultants, sub-contractors, supervisors, planners, quantity surveyors and the general workforce with respect to project progress, scope, time and modifications.



PROJECTS HANDLED

- Project detail: Roxy Cinema – Dubai Hills Mall
Client: Roxy Cinemas / North25
Consultant: Bluehaus Group
Main contractor: ISG Middle East LLC
- Project detail: Marina 101- Hard Rock Hotel - Tower 101 floor
Client: Sheffield Holdings Limited
Consultant: NEB Engineering Consultants
Main contractor: TAV Construction
- Project detail: The Address Fujairah Resort + Spa
Client: Eagle Hills / Sharm Fujairah Real Estate LLC
Consultant: RW Armstrong & Associates LLC
Main contractor: National Wheel J&P LLC
- Project detail: Beit Al Khair Society WAFQ (2B+G+5 floor s +R)
On Plot No.318 7269, Dubai, U.A.E.
Client: Juma Al Majid Group
Consultant: Engineering Consultants Group
Main contractor: East Coast Contracting LLC
- Project detail: Commercial And Residential Buildings 2(B+G+2P+10F+Roof)-
Ajman,UAE
Client: Beit Al Khair Society/JAM
Consultant: Mazaya Consulting Engineers
Main contractor: Gulf Asia Contracting Co.LLC
- Project detail: H.E. Mr. M. Matar Al Tayer Residential Villa, Dubai. (B+G+1F+RF)
Plot No. 3661925 At Umm Suqeim Third, Dubai, U.A.E.
Client: Mr. Mohammed Mater Mohamaed Al Tayer, Shamma Mater
Mohaamed Al Tayer
Consultant: Crown Engineering Consultants LLC.
Main contractor: Gulf Asia Contracting Co.LLC

- Project detail: Samara Villa Project - 177 Villas
Client: EMAAR
Consultant: AWAJ / CEC
Main contractor: CRC Construction & Reconstruction
- Project detail: Carson Towers
Client: Damac Akoya
Consultant: U+A Consultants
Main contractor: Al Arif Contracting Co LLC

NAME

Sajid Ghuman



DESIGNATION

Technical Manager



NATIONALITY

Pakistan



sajid.a@carawanmep.com



+971 56 1103620 (UAE)

LANGUAGES

Urdu(Native)

English (Fluent)

Arabic (intermediate)



EDUCATION

B.Sc. Degree in Electrical Engineering

UET Taxila- Pakistan (Graduation Year Sept 2011)



EXPERIENCE: Total 11 Years

Carawan Electrical and Mechanical Works LLC

JOB DUTIES & RESPONSIBILITIES

- Provide technical support to the project on all MEP Equipment systems.
- Lead the team – setting individual objectives, managing performance, developing and motivating staff, provision of formal and informal feedback and appraisal – in order to maximize subordinate and departmental performance in the pursuit of the Department objectives.
- Study Tender Documents in coordinate with project specification and propose Design as per DEWA Minimum regulation For Value Engineering.
- Arranged Quotation from Suppliers for all system made comparison and finalize the systems within project cost and Value.
- Attend all technical meetings (Internal meetings, meetings with the main contractor & with the consultant to discuss Design related issues & project progress).



PROJECTS HANDLED

- Project detail : Firmenich at Dubai Science Park, Dubai
Client: Firmenich
Consultant: Bluehaus Group
Main contractor: ISG Middle East LLC
Duration: Aug 2021 till Nov 2021
- Project detail: The Address Fujairah Resort + Spa
Client: Eagle Hills / Sharm Fujairah Real Estate LLC
Consultant: RW Armstrong & Associates LLC
Main contractor: Roberts Constructions LLC
Duration: Nov 2020 till July 2022
- Project detail: EMAAR Boulevard Crescent B+G+ 3P+ 43 FLOOR AND 21 FLOOR RESIDENTIAL TOWER) (Start Date July 2016, End Date Dec 2018)
Client: Emaar PJSC
Consultant: Clarke Samadhin Associates
Main contractor: Aw Rostamani
Duration: July 2016 till Dec 2018
- Project detail: Avenue MALL - Dubai Silicon Oasis Consisting of 200 + Retail area, Hyper Market & Cinema.
Client: Lulu Hypermarket LLC
Consultant: Adnan Saffarini
Main contractor: UNEC
Duration: July 2018 till Sept 2020
- Project detail: Akoya Carson G + 27 3 Towers
Client: Damac Properties
Consultant: U+A
Main contractor: Al Arif Contracting
- Project detail: Golf Vita Project
Client: Damac Properties
Consultant: Lacasa
Main contractor: China State Construction
- Project detail: Art Height Tecom G + 27
Client: Art Height Properties.
Consultant: Al Ajmi
Main contractor: Ginco

NAME

Ragheb Mahmoud Bata



DESIGNATION

Senior Project Manager



NATIONALITY

Jordan



Ragheb.b@carawanmep.com



+971 54 5864715 (UAE)

LANGUAGES

Arabic(Native)

English (Fluent)



EDUCATION

B.Sc. Degree in Electrical Engineering

University Of Jordan

Master Of Engineering Management

University Of Wollongong, UAE



EXPERIENCE: Total 17 Years

Carawan Electrtrical And Mechanical Works LLC

JOB DUTIES & RESPONSIBILITIES

- Plan, budget, oversee and document all aspects of the construction process during project life starting from tender request approval, mobilizing project, designing stage, execution and closing..
- Manage project staff according to the company policies and practices.
- Execute the project according to the project plan; develop forms and records to document project activities.
- Monitor the progress of the project and make adjustments as necessary to ensure the successful completion of the project.
- Review the quality of the work completed with the project team on a regular basis to ensure that it meets the project scope and requirements.
- Report & communicate regularly with top management and client/main contractor about project progress, project issues & changes, budget, scope, and schedule performance.
- Meet regularly with the Contractors, Client and professional team at site and social events to develop close business relationship.



PROJECTS HANDLED

- Project detail: JAFZA Trader Market Building & Infrastructure Package (324 Warehouses (G+1+R) with Loading Area, shopping mall (G+F+R) including Showrooms (1540 Shops), F&B Area, Service Blocks (G), and Outdoor Parking on Plot S51501 at JAFZA South, Dubai
- Project detail: Bloom Towers G+4P+3 Towers (Tower A: 39 Floors, & Towers B&C: 29 Floors) on Plot No. JVC10RHRA200 at JVC, Dubai
- Project detail: National Housing 100Villa (G+1) at Al Badia, Fujairah.
- Project detail: Car Showroom, Workshop Facilities & Staff Accommodation for Al Naboodah Automobiles- Fujairah
- Project detail: Commercial and Residential Four Buildings (G+1p+11+Hc) on Plot # 35@ Town Square Development–Dubai.
- Project detail: The Hills Residence & Vida Hotel (B+G+14 Residential and B+G+15 story Hotel & Services Apartment) @ Emirates Hills - Dubai.
- Project detail: Fairmont Fujairah Beach Resort (3B+G+12F) at Dibbah, Fujairah, United Arab Emirates.

NAME

Thabit Kassib



DESIGNATION

Project Manager



NATIONALITY

Jordan



thabit@carawanmep.com



+97152 5497091 (UAE)

LANGUAGES

Arabic(Native)

English (Fluent)



EDUCATION

BSc. Degree In Electrical Engineer
Palestine Technical University



Carawan Electrical & Mechanical Works LLC

JOB DUTIES & RESPONSIBILITIES

- o Responsible for daily construction activity of the site, coordinating with, Project coordinator, Consultants, subcontractors and all concerned functional department etc. Using all approved drawings and material.
- o Supervision of activities on site and reporting any trends for delays to the project coordinator.
- o Responsible to carry out the specified inspection and signed - off by the Project coordination / Consultants / Client. (Including the works of the Subcontractors.)
- o Preparing site progress report and submitted to project coordinator daily and monthly.
- o Responsible for maintain and recording site material report and daily site activities.
- o Responsible for daily site material requirement, labor requirement and equipment. Also responsible to raise purchase requisition for the above requirements.
- o Responsible for Assisting and Implementing Quality and Safety procedures in the project as per the company safety policy
- o Attend technical meetings with consultant/client/contractor and weekly progress meetings with the client.
- o Coordinated with Quality Assurance Engineer to ensure that any non-conformity has been reported through a NCR (Non Conformance Report) by the client and clear immediately.



PROJECTS HANDLED

- **Construction of 3 Filling Station in Nahda, Samnan & Sajaa Sharjah for Emirates General Petroleum Corporation (EMARAT)**
Client: EMARAT
Consultant: Sharjah Engineering Consultants
Contractor: J&D Gulf Contracting
- **Construction of Al Swan Filling Station in Sharjah for Emirates General Petroleum Corporation (EMARAT)**
Client: EMARAT
Consultant: Kayan Engineering Consultants
Contractor: ASAK
- **Construction of Difta Filling Station in RAK for Emirates General Petroleum Corporation (EMARAT)**
Client: EMARAT
Consultant: Al Zein Design Engineering Consultants
Contractor: Raq Contracting Company
- **Construction, Completion & Maintenance & Guarantee of a proposed G+2 VVIP Private Luxury & Utility Block in UAQ**
Client: His Highness Sheikh Saud bin Rashid Al Mualla
Consultant: Al Gurg Consultants
Contractor: TMC General Contracting & Electromechanical
- **Construction of Kalba Filling Station in Sharjah for Emirates General Petroleum Corporation (EMARAT)**
Client: EMARAT
Consultant: Kayan Engineering Consultants
Contractor: Raq Contracting Company
- **Construction of 5 Filling Stations (Madam, Thuqueibah, Khawaled, Hafira, Khudeirah in UAE for Emirates General Petroleum Corporation (EMARAT)**
Client: EMARAT
Consultant: Arkan Alimarah Engr. Consultancy
Contractor: J&D Gulf Contracting
- **Redevelopment of Beach Filling Station in Dubai for Emirates General Petroleum Corporation (EMARAT)**
Client: EMARAT
Consultant: Image Consultants
Contractor: J&D Gulf Contracting
- **Construction of Al Barsha Filling Station in Dubai for Emirates General Petroleum Corporation (EMARAT)**
Client: EMARAT
Consultant: Image Consultants
Contractor: J&D Gulf Contracting

- **Redevelopment of Ghadeer Filling Station in Dubai for Emirates General Petroleum Corporation(EMARAT)**

Client: EMARAT
Consultant: Image Consultants
Contractor: J&D Gulf Contracting

- **Construction of Hamriya Filling Station in Sharjah for Emirates General Petroleum Corporation(EMARAT)**

Client: EMARAT
Consultant: Al Gurg Consultants
Contractor: Raq Contracting Company

- **Demolition of Existing Service Station & Construction of Emarat E2 Filling Station in Sharjah Emirates General Petroleum Corporation(EMARAT)**

Client: EMARAT
Consultant: Mazaya Engineering Consultants
Contractor: J&D Gulf Contracting

- **Proposed construction of Emarat E2 Filling Station in Ajman for Emirates General Petroleum Corporation(EMARAT)**

Client: EMARAT
Consultant: Alsalam Engineering Consultants
Contractor: J&D Gulf Contracting

- **Construction & redevelopment of Al Rashidiya filling station at Dubai for Emirates General Petroleum Corporation(EMARAT)**

Client: EMARAT
Consultant: Al Burj Consultants
Contractor: Vision Construction

- **Construction of Al Dhaid Filling Station at Sharjah for Emirates General Petroleum Corporation(EMARAT)**

Client: EMARAT
Consultant: Al Burj Consultants
Contractor: J&D Gulf Contracting

- **Upgrade of 2 filling Station in Dubai for Emirates General Petroleum Corporation(EMARAT) (Garhoud & Nad Al Hammar)**

Client: EMARAT
Consultant: Al Gurg Consultants
Contractor: J&D Gulf Contracting

- **Project detail: Proposed Three(3) Filling Stations For Emirates General Petroleum Corporation(EMARAT) (Muwafjah Filling Station,Al Tallah Filling Station, And Arabian Center Filling Station)**

Client: Emirates General Petroleum Corporation(EMARAT)
Consultant: Al Gurg Consultants
Main contractor: City Diamond Contracting LLC

- **Project detail: Proposed Three(3) Filling Stations In Dubai For Emirates General Petroleum Corporation(EMARAT) (Alghanayem Filling Station, Grayteesah Filling Station, Wadi Al Shabak Filling Station)**

Client: Emirates General Petroleum Corporation(EMARAT)

Consultant: Al Gurg Consultants

Main contractor: City Diamond Contracting LLC

- **Project detail: Vehicle Testing Center for Almutakamelah**

Client: Almutakamelah

Consultant: Yaghmour

Main contractor: Zein Steel for Steel Structures

- **Project detail: 3 Nos Residential Building(G+11) in Al Furjan Afra 05,06 & 011**

Client: Azizi Investment LLC

Consultant: CVTEC

Main contractor: S.S.Lootah Contracting



EDUCATION

NAME

Mohamad Abdul
Rahuman Munas

B.Sc. Degree in Mechanical Engineering
University Of Madras – Tamilnadu, India
(Graduation Year April 2004)



DESIGNATION

Project Manager



EXPERIENCE: Total 17 Years

Carawan Electrical & Mechanical Works LLC



NATIONALITY

Indian



Mohamad.arm@carawanmep.com



+971 504306545 (UAE)

LANGUAGES

Tamil(Native)

Hindi (Fluent)

ENGLISH (Fluent)

JOB DUTIES & RESPONSIBILITIES

- Providing engineering and project management excellence to meet project objectives for large scale MEP projects right from requirements gathering, planning, contract-negotiation, risk-identification/ mitigation, and technical support.
- Collaborating to deliver challenging and technically advanced projects in automation, security and life safety systems, spearheading site execution team along with a strong understanding of project commercials, design requirements, and regulatory compliance.
- Providing technical input into the planning process for determining project objectives, scope and project deliverables in addition to managing costs associated with the works, and any variations should they arise.
- Reviewing and approving project plans, verifying site controls based upon conformity to and compliance with applicable technical specifications, industry standards, and the project drawings and specifications.
- Managing progress at all stages of the project lifecycle, identifying project risks, contingency plans, resource allocation strategies as well as constant tracking of project milestones to ascertain adherence to budget and schedule.
- Owning accountability for the site work implementation and documentation in order to achieve the project target completion date to avoid project cost overruns.
- Managing the strategic project team capital and revenue budgets and specific project budgets and ensure delivery against both technical and financial targets.
- Utilizing a structured and controlled, methodology based, approach to manage project risk and minimize unidentified threats that negatively impact the project.
- Leading project executions as per the stipulated norms, budgetary spending guidelines and within the estimated cost, timeline & quality. Displaying impeccable attention to detail while verifying plans, drawings, and quantities for accuracy of calculations.



PROJECTS HANDLED

- Firmenich at Dubai Science Park, Dubai
Client: Firmenich
Consultant: Bluehaus Group
Main contractor: ISG Middle East LLC
Duration : Nov 2021 till Jan 2022
- The Address Fujairah Resort + Spa- Main Works Package
Client: Sharm Fujairah Real Estate LLC
Consultant: RW Armstrong & Associates LLC
Main contractor: Roberts Construction LLC
Duration : June 2021 till Nov 2021
- Project detail: Beit Al Khair Society WAFQ (2B+G+5 floor s +R)
On Plot No.318 7269, Dubai, U.A.E.
Client: Juma Al Majid Group
Consultant: Engineering Consultants Group
Main contractor: East Coast Contracting LLC
Duration : March 2021 till Sept 2021
- Project detail: Arabian Ranches II –Reem Community Town Houses On Plot No.6655419, At Wadi Al Safa 7 – Dubai, UAE
Client: EMAAR PJSC
Consultant: Al Gurg Consultants
Main contractor: Metac General Contracting
Duration : Jan 2019 till June 2019
- Project detail: Dorchester Hotel
Business Bay – Dubai, UAE
Client: OMNIYAT PJSC
Consultant: CSA associates
Main contractor: Roberts Construction
Duration : June 2018 till March 2021
- Project detail: BRRP, Residential building
Al Barsha 1 – Dubai, UAE
Client: Macintyre Asset Management
Consultant: BSBG
Main contractor: Roberts Construction
Duration : June 2018 till March 2021



PROJECTS HANDLED

- Project detail: VIDA Hotel
Umm Al Quain – UAE
Client: EMAAR PJSC
Consultant: AL GURG CONSULTANT
Main contractor: Roberts Construction
Duration : June 2018 till March 2021
- Project detail: The Address Boulevard Hotel
DOWNTOWN – Dubai, UAE
Client: EMAAR PJSC
Consultant: NORR GROUP CONSULTANT
Main contractor: MULTIPLEX
Duration : June 2013 till Jan 2018
- Project detail: VIDA RESIDENCE
DOWNTOWN – Dubai, UAE
Client: EMAAR PJSC
Consultant: NORR GROUP CONSULTANT
Main contractor: ABM
Duration : Jan 2018 till June 2018
- Project detail: FUJAIRA CITY CENTER
FURJAIRAH, UAE
Client: MAF PJSC
Consultant: WSP ME
Main contractor: KHANSAHEB
Duration : June 2011 Till June 2013
- Project detail: MOTOR CITY AREA 1 & AREA 2
MOTOR CITY – Dubai, UAE
Client: UP PJSC
Consultant: WSP ME
Main contractor: AL Futtaim Carillion – Al Naboodah laing a rourke
Duration : Feb 2007 Till June 2011

NAME

Ahmed Mustafa



DESIGNATION

Senior Electrical Engineer



NATIONALITY

Egypt



Ahmed.m@carawanmep.com



+971 50 149 5828(UAE)

LANGUAGES

ARABIC (Native)

ENGLISH (Fluent)



EDUCATION

B.Sc. Degree in Electrical Engineering

Alexandra University - Egypt



EXPERIENCE: Total 8 Years

Carawan Electrtrical And Mechanical Works LLC

JOB TITLE

- Estimate,prepare, and assign the resources such as manpower, materials, equipment, tolls, etc, required for all MEP works prior to execution.
- Prepare long lead items , and assure materials procuring in time.
- Follow up work progress and assure the work is progressing as per the program and weekly plans.
- Review subcontract achievements and the related invoices.
- Preparing for authority inspection and approvals.
- Coordinate for shop drawings and material submission and get approval from consultant.
- Interpret construction drawings, study the contract documents and applicable standards or specifications prior to execution of any jobs.
- Ensure all works done are in accordance with the project specifications.



PROJECTS HANDLED

- Project detail: The Address Fujairah Resort + Spa
Client: Eagle Hills / Sharm Fujairah Real Estate LLC
Consultant: RW Armstrong & Associates LLC
Main contractor: Roberts Construction LLC
- Project detail: Residential Building(G+P+10+R) Al Nadha
Client: Bin Shafar Holding
Consultant: Arkiplan Consulting Architects & Engineers
Main contractor: Al Shafar Electromechanical Engineering LLC
- Project detail: Residential Building (B+G+2P+14+R) At DHCC Phase 2
Client: Azizi Developments
Consultant: 360 Degrees Architectural Design
Main contractor: Al Shafar Electromechanical Engineering LLC
- Project detail: Millennium Hotel(B+G+P+13+R) At al barsha
Client: Aqeel Abdullah Aqeel Abood Mahdi
Consultant: Art Consulting Architects & Engineers
Main contractor: Al Shafar Electromechanical Engineering LLC
- Project detail: Construction of 4 Petrol Filling Stations
Client: Emarat
Consultant: Al Gurg Consultants
Main contractor: Engineering Corner Electromechanical Works LLC

NAME

Thani Al Shboul



DESIGNATION

Senior Mechanical Engineer



NATIONALITY

Jordanian



Thani.Abdallah@carawanmep.com



+971 55 767 8315(UAE)

LANGUAGES

ARABIC (Native)

ENGLISH (Fluent)



EDUCATION

B.Sc. Degree in Mechanical Engineering

Jordan University Of Science And Technology



EXPERIENCE: Total 7 Years

Carawan Electrtrical And Mechanical Works LLC

JOB TITLE

- Redesign HVAC system for the project with thermal load calculation by HAP program in addition to Plumbing system and review the LPG and Firefighting drawings and submittals using AutoCAD and MEP Revit
- Review submittals, method of statements, technical documents, shop drawings and follow up with suppliers compiling specifications and take approval from consultant, in addition to preparing as built drawing.
- Site Supervision for Mechanical works, which is include HVAC,Plumbing and firefighting as per Project Specifications and final approved drawings.
- Coordinate between diff erent work disciplines (MEP, Architectural and Structural).
- Monitor the progress of work with respect to the Master Program.
- Preparation of Mechanical works, and Site Works including subcontractors and Manpower distribution, materials and machinery provided Interaction with main contractor and consultant for work approval and to avoid Non Conformance Reports (NCRs).
- Attending weekly and monthly meeting along with consultant and main-subcontractors



PROJECTS HANDLED

- **Project detail: Roxy Cinema – Dubai Hills Mall**

Client: Roxy Cinemas / North25

Consultant: Bluehaus Group

Main contractor: ISG Middle East LLC

- **Project detail: Shah Accommodation Project**

Client: ADCO

Consultant: ECG

Main contractor: Aljaber Energy

- **Project detail: Meydan Hotel**

Client: Meydan

Consultant: AE7

Main contractor: Faibrex

- **Project detail: The Grand**

Client: Emaar Properties PJSC

Consultant: Atkins

Main contractor: ABM

- **Project details :Hidd Al Sadiyat 464 Villas**

Client : TDIC

Consultant : Khatib & Alami

Contractor : Al Jaber Building

NAME

Maath Rashed Taha



DESIGNATION

Senior Mechanical Engineer



NATIONALITY

Jordan



Maath@carawanmep.com



+97150-5869276(UAE)

LANGUAGES

ARABIC(Native)

ENGLISH (Fluent)



EDUCATION

B.Sc. Degree in Mechanical Engineering

Automobile-High Way Technical University, Kharkov-Ukraine



EXPERIENCE: Total 16 Years

Carawan Electrical & Mechanical Works LLC

JOB DUTIES & RESPONSIBILITIES

- o Controlling and inspecting all construction Activities which related to mechanical and activities installations such as Firefighting system, HVAC system, Plumping.
- o Review contractor's correspondences related to mechanical works and to prepare appropriate response when necessary.
- o Review the Requests for Information (RFI) that related to mechanical works to give the contractor the required advice in the right time.
- o Review/approve and process all mechanical work shop drawings/sketches and material submittals which have to be complied with the project specifications and the authorities regulations.



PROJECTS HANDLED

- Project detail: Arabian Ranches II –Reem Community Town Houses On Plot No.6655419, At Wadi Al Safa 7 – Dubai, UAE
Client: EMAAR PJSC
Consultant: Al Gurg Consultants
Main contractor: Metac General Contracting
- Project detail: Grand cosmopolitan hotel 2B+G+M+6+Gym-Dubai
Client: Nayel Rashid Saif Al Shamsi.
Consultant: EDMAC
Main contractor: Nael Construction and Contracting
- Project detail: 3 Nos. Residential Building(G+11) in Al Furjan Afra 05,06 & 011
Client: Azizi Investment LLC
Consultant: CVTEC
Main contractor: S.S.Lootah Contracting
- Project detail: 3 Nos. Residential Building(G+11) in Al Furjan Afra 05,06 & 011
Client: Azizi Investment LLC
Consultant: CVTEC
Main contractor: S.S.Lootah Contracting

Project : Discovery Gardens (G+4&5&9+R) – 291 buildings

Client : Nakheel

Consultant : ECG

Project : Jumeirah Island (250 Villas)

Client : Nakheel

NAME

Khaled Azzam



DESIGNATION

Senior Mechanical Engineer



NATIONALITY

Jordan



k.azzam@carawanmep.com



+971 55 770 3098(UAE)

LANGUAGES

Arabic(Native)

English (Fluent)



EDUCATION

B.Sc. Degree in Mechanical Engineering

Jordan University of Science and Technology



EXPERIENCE: Total 5 Years

Carawan Electrical And Mechanical Works LLC

JOB DUTIES & RESPONSIBILITIES

- Conduct regular site visit and supervision of construction activities as per approved plans and layout.
- Monitoring site progress and quality of MEP(Mechanical Electrical Plumbing) works and compliance.
- Co-ordination with MEP subcontractor both at site level and with subcontractor's engineers.
- Monitoring and reporting site progress and compliance with specification.
- Preparation of daily and monthly progress reports for management review
- Maintaining Sub contractors and preparing Measurement Certificates on monthly basis depends upon the percentages of Progress completion.
- Analyzing Variation claims and preparation of reports for approval.
- Ensure the HVAC Ducts ,Fittings, accessories and Child water pipes ,fittings, accessories are available and approved by inspection department prior to installation.



PROJECTS HANDLED

- Project details :Firmenich at Dubai Science Park,Dubai
Client: Firmenich
Consultant: Bluehaus Group
Main contractor: ISG Middle East LLC
- Project detail: E fulfillment Center For EZ Dubai
Client: Dubai South
Consultant: Al Wasl Al Jadeed Consultants
Main contractor: City Diamond Contracting LLC
- Project detail: India Pavillion C.179- EXPO DISTRICT - DUBAI , UAE.
Client: Expo 2020/NBCC DWC LLC
Consultant: Architectural Corner
Main contractor: City Diamond Contracting LLC
- Project detail: Arabian Ranches II –Reem Community Town Houses On Plot No.6655419, At Wadi Al Safa 7 – Dubai, UAE
Client: EMAAR PJSC
Consultant: Al Gurg Consultants
Main contractor: Metac General Contracting

NAME

Mohammad Ali Al-Basha



DESIGNATION

Senior Mechanical Engineer



NATIONALITY

Jordan



m.albasha@carawanmep.com



+971 586585105(UAE)

LANGUAGES

ARABIC (Native)

ENGLISH (Fluent)

EDUCATION

B.Sc. Degree in Mechanical Engineering



EXPERIENCE: Total 4 Years

Carawan Electrical & Mechanical Works LLC

JOB DESCRIPTION

- o Review the project design drawings at earlier stages of the work to ensure that all the design.
- o Conduct regular site visit and inspections to ensure adherence to Engineering standards and specifications.
- o Lead the team of foremen and Laborers to attain the productivity on daily basis and achieve the milestone as per the construction program.
- o Preparing of material submittals. Submit and negotiate the requested changes by the consultant/ main contractor to get the final approvals.
- o Monitoring site progress and quality of MEP(Mechanical Electrical Plumbing) works and compliance with specification
- o Preparing material take off , processing material requisition and approve vendor quotation.
- o Co-ordination with MEP subcontractor both at site level and with subcontractor's engineers.
- o Preparation of daily and monthly progress reports for management review



PROJECTS HANDLED

- Project detail: The Address Fujairah Resort + Spa
Client: Eagle Hills / Sharm Fujairah Real Estate LLC
Consultant: RW Armstrong & Associates LLC
Main contractor: Roberts Construction LLC
- Project detail: Commercial And Residential Buildings 2(B+G+2P+10F+Roof)-
Ajman,UAE
Client: Beit Al Khair Society/JAM
Consultant: Mazaya Consulting Engineers
Main contractor: Gulf Asia Contracting Co.LLC
- Project detail: Beit Al Khair Society WAFQ (2B+G+5 floor s +R)
On Plot No.318 7269, Dubai, U.A.E.
Client: Juma Al Majid Group
Consultant: Engineering Consultants Group
Main contractor: East Coast Contracting LLC
- Project : The View @ Palm Jumeirah, Nakheel Mall
Client : NAKHEEL
Fit Out-Contractor : Shapoorji Pallonji Mideast LLC – Interiors Division / Codes
Construction LLC
Main Contractor : Codes Construction

NAME

Saeed Akthar



DESIGNATION

Senior Mechanical Engineer



NATIONALITY

Pakistan



saeed@carawanmep.com



+971 0504923340(UAE)

LANGUAGES

URDU (Native)

ENGLISH (Fluent)



EDUCATION

B.Sc. Degree in Mechanical Engineering

Air University, Islamabad



EXPERIENCE: Total 8 Years

Carawan Electrical & Mechanical Works LLC

JOB DUTIES & RESPONSIBILITIES

- o Conduct Site inspection to ensure adherence to Engineering standards and specification.
- o Plan, schedules, conducts and coordinates the technical and management aspects of the assigned projects.
- o Attends all internal/ and external meetings required / requested by the client, consultant or Division management.
- o Preparation and coordination of construction program for the project.
- o Designing & Preparing the MEP drawings.
- o Supervise the production of Co-ordination drawings to ensure that all services are Coordinated with each other and the building structure is complying with the contract Requirements.
- o Responsible for site inspection in liaison with QA/QC department, handing over and maintenance of MEP activities with their program schedule for proper flow of work on site.



PROJECTS HANDLED

- **Construction of Hamriya Filling Station in Sharjah for Emirates General Petroleum Corporation (EMARAT)**
Client: EMARAT
Consultant: Al Gurg Consultants
Contractor: Raq Contracting Company
- **Demolition of Existing Service Station & Construction of Emarat E2 Filling Station in Sharjah Emirates General Petroleum Corporation (EMARAT)**
Client: EMARAT
Consultant: Mazaya Engineering Consultants
Contractor: J&D Gulf Cotracting
- **Proposed construction of Emarat E2 Filling Station in Ajman for Emirates General Petroleum Corporation (EMARAT)**
Client: EMARAT
Consultant: Alsalam Engineering Consultants
Contractor: J&D Gulf Cotracting
- **Construction & redevelopment of Al Rashidiya filling station at Dubai for Emirates General Petroleum Corporation (EMARAT)**
Client: EMARAT
Consultant: Al Burj Consultants
Contractor: Vision Construction
- **Construction of Al Dhaid Filling Station at Sharjah for Emirates General Petroleum Corporation (EMARAT)**
Client: EMARAT
Consultant: Al Burj Consultants
Contractor: J&D Gulf Contracting
- **Upgrade of 2 filling Station in Dubai for Emirates General Petroleum Corporation (EMARAT) (Garhoud & Nad Al Hammar)**
Client: EMARAT
Consultant: Al Gurg Consultants
Contractor: J&D Gulf Contracting
- **Project detail: Bigheart Filling Station in Sharjah for Emirates General Petroleum Corporation (EMARAT)**
Client: EMARAT
Consultant: Al Gurg Consultants
Contractor: Al BAdr Cont. & Civil Construction

- **Project: Proposed ENOC (site1135) Filling Station on plot no. 200, Al Homa, Wasit, Sharjah, UAE for Emirates National Oil Company (ENOC)**

Client: ENOC

Consultant: Al Gurg Consultants

Contractor: Al BAdr Cont. & Civil Construction

- **Project detail: Proposed Four(4) Filling Stations In Emirates General Petroleum Corporation(EMARAT) (ALTALLAH, MUWAFJAH, SAJAA, ARABIAN CENTER FILLING STATION)**

Client: EMARAT

Consultant: Al Gurg Consultants

Contractor: J&D Contracting

- **Project detail: Proposed Three(3) Filling Stations In Dubai for Emirates General Petroleum Corporation(EMARAT) (ALGHANAYEM FILLING STATION, GRAYTEESAH FILLINGSTATION, WADI AL SHABAK FILLING STATION)**

Client: EMARAT

Consultant: Al Gurg Consultants

Main contractor: City Diamond Contracting

- **Project detail: Grand cosmopolitan hotel 2B+G+M+6+Gym-Dubai**

Client: Nayel Rashid Saif Al Shamsi

Consultant: EDMAC

Main contractor: Nael Construction and Contracting

- **Project detail: 3 Nos Residential Building(G+11) in Al Furjan Afra 05,06 & 011**

Client: Azizi Investment LLC

Consultant: CVTEC

Main contractor: S.S.Lootah Contracting

- **Project detail: Masood Naqvi Mosque On Plot No.394-5852 at Emirates Hills**

Client: Islamic Affairs & Charitable Activities Department – Masjid- Jama

Consultant: Architecture and Planning Group

Main contractor: Dutco Balfour Beatty LLC

NAME

Arumugam Shanmugavelu



DESIGNATION

Electrical Engineer



NATIONALITY

Indian



Aru.Shanmugavelu@carawanmep.com



+97152 9978878UAE)

LANGUAGES

Hindi(Native)

English (Fluent)



EDUCATION

BSc. Degree In Electrical And Electronics Engineering(D.E.E.E.)

M.S.P.V.L. Polytechnic College /Dote-Pavoorchatram



EXPERIENCE: Total 11 Years

Carawan Electrical & Mechanical Works LLC

JOB DUTIES & RESPONSIBILITIES

- o Supervising the workers at the site and attending meetings with the consultants & clients
- o Preparing Shop drawings for the installation.
- o Submission of material submittals to the consultant as per the project requirements.
- o Procurements of materials & Manpower forecasting as per requirements and time.
- o Submission review of Material Submittals to Consultants for major items and verifying the compliance as per the particular technical specification of client/consultant.
- o Achieving timely completion of services and guiding junior staff on planning , installation and testing & commissioning
- o Controlling project with respect to cost, IEHS plan, resource deployment, time and cost over-runs and quality compliance to ensure satisfactory execution of the project.
- o Managing project deliverables as per client's schedule & project scope.
- o Administer overall project execution to ensure successful delivery as per the project contract and planning.



PROJECTS HANDLED

- Project detail: G+2 terrace Floor Labour Accommodation, Al Quoz
- Project detail: Car Wash Service Station, Al Quoz
- Project detail: 4B + 6 + R Office Buildings, Hwawei, Dubai Media City
- Project detail: Residential Development At Al Quoz, Merraz (3 Buildings)
- Project detail: Residential Development At Al Qusais, Al Wasl (8 Buildings)
- Project detail: Al Ahli Sports Club Stadium, Qatar (Ministry Of Youth & Sports, Qatar)
- Project detail: Abraj Quatier-1, Pearl Qatar(UDC)
- Project detail: Lulu Hyper Market, Al Messailah (Lu Lu)
- Project detail: Ali Al Fardan Villa, Pearl Qatar (Al Fardan)
- Project detail: Dubai World Central International Airport, Jebel Ali
- Project detail: Heal Care City Station, (Dubai Metro –RTA)
- Project detail: Saadiyak Link Sewage Treatment Plant, Abu Dhabi(TDIC)

NAME

Arun Pathrose Maniyacherry



DESIGNATION

Electrical Engineer



NATIONALITY

India



A.Maniyacherry@carawanmep.com



+97158 658 5023 (UAE)

LANGUAGES

Hindi(Native)

English (Fluent)



EDUCATION

BSc. Degree In Electrical Engineer
Mahatma University



EXPERIENCE: Total 8 Years

Carawan Electrical & Mechanical Works LLC

JOB DUTIES & RESPONSIBILITIES

- o Detailed Tendering, Planning, Designing of MEP Projects.
- o Preparation of scheme/design, getting prior approval, conducting inspections and getting completion from DEWA/FEWA and other authorities.
- o Negotiations with Sub-Contractors and suppliers.
- o Procurement of materials by ensuring all technical requirements/specification of projects.
- o Execution, testing, and commissioning of Electrical, Low Current, IP System & and all related works.
- o Execution of works at site within project schedule time.
- o Generally Responsible for implementations and monitoring of all electrical related works at site.
- o Estimates, Prepares and assigns the resources such as manpower, materials, consumables, equipment's, tools, Etc., required for all electrical and related works prior to execution.
- o Plans and analyze all the possible construction methodologies and recommends the best options for approval prior to execution at site.
- o Prepare daily reports and reporting to the Project Manager for all site concern.



PROJECTS HANDLED

- **Construction of Hamriya Filling Station in Sharjah for Emirates General Petroleum Corporation (EMARAT)**
Client: EMARAT
Consultant: Al Gurg Consultants
Contractor: Raq Contracting Company
- **Proposed construction of Emarat E2 Filling Station in Ajman for Emirates General Petroleum Corporation (EMARAT)**
Client: EMARAT
Consultant: Alsalam Engineering Consultants
Contractor: J&D Gulf Contracting
- **Project detail: Bigheart Filling Station in Sharjah for Emirates General Petroleum Corporation (EMARAT)**
Client: EMARAT
Consultant: Al Gurg Consultants
Contractor: Al BAdr Cont. & Civil Construction
- **Project detail: Proposed Four(4) Filling Stations In Emirates General Petroleum Corporation (EMARAT) (ALTALLAH, MUWAFJAH, SAJAA, ARABIAN CENTER FILLING STATION)**
Client: EMARAT
Consultant: Al Gurg Consultants
Contractor: J&D Contracting
- **Project detail: H.E. Mr. M. Matar Al Tayer Residential Villa, Dubai. (B+G+1F+RF) Plot No. 3661925 At Umm Suqeim Third, Dubai, U.A.E.**
Client: Mr. Mohammed Mater Mohamaed Al Tayer, Shamma Mater Mohaamed Al Tayer
Consultant: Crown Engineering Consultants LLC.
Main contractor: Gulf Asia Contracting Co. LLC

NAME

Ibrahim Faraj



DESIGNATION

Mechanical Engineer



NATIONALITY

Jordan



i.faraj@carawanmep.com



0521282276 (UAE)

LANGUAGES

Arabic(Native)

English (Fluent)



EDUCATION

BSc. Degree In Mechanical Engineer
University Of Hashemite



EXPERIENCE: Total 3 Years

Carawan Electrical & Mechanical Works LLC

JOB DUTIES & RESPONSIBILITIES

- o Conduct regular site visit and supervision of construction activities as per approved plans and layout.
- o Monitoring site progress and quality of MEP(Mechanical Electrical Plumbing) works and compliance.
- o Co-ordination with MEP subcontractor both at site level and with subcontractor's engineers.
- o Monitoring and reporting site progress and compliance with specification.
- o Preparation of daily and monthly progress reports for management review



PROJECTS HANDLED

- **Project detail: Bigheart Filling Station in Sharjah for Emirates General Petroleum Corporation (EMARAT)**

Client: EMARAT
Consultant: Al Gurg Consultants
Contractor: Al BAdr Cont. & Civil Construction

- **Project detail: Proposed Four(4) Filling Stations In Emirates General Petroleum Corporation(EMARAT) (ALTALLAH, MUWAFJAH, SAJAA, ARABIAN CENTER FILLING STATION)**

Client: EMARAT
Consultant: Al Gurg Consultants
Contractor: J&D Contracting

- **Project detail: H.E. Mr. M. Matar Al Tayer Residential Villa, Dubai. (B+G+1F+RF) Plot No. 3661925 At Umm Suqeim Third, Dubai, U.A.E.**

Client: Mr. Mohammed Mater Mohamaed Al Tayer, Shamma Mater
Mohaamed Al Tayer
Consultant: Crown Engineering Consultants LLC.
Main contractor: Gulf Asia Contracting Co.LLC

- **Project detail: Beit Al Khair Society WAFQ (2B+G+5 floor s +R) On Plot No.318 7269, Dubai, U.A.E.**

Client: Juma Al Majid Group
Consultant: Engineering Consultants Group
Main contractor: East Coast Contracting LLC

NAME

Firas Husam Eddin Subeh



DESIGNATION

Electrical Engineer



NATIONALITY

Palestine



firas@carawanmep.com



+97150 988 0437 (UAE)

LANGUAGES

Arabic(Native)

English (Fluent)



EDUCATION

BSc. Degree In Electrical Engineer

Ajman University



EXPERIENCE: Total 3 Years

Carawan Electrical & Mechanical Works LLC

JOB DUTIES & RESPONSIBILITIES

- o Interact with the subcontractors for preparing submittals for approval of Consultant.
- o Installation of all Electrical conduits,wiring,Equipments a per site/consultants Requirement as well our shop drawing accordingly.
- o Handling all site Activities,Follow up with subcontractors,Follow up with the suppliers for materials, Follow up with the Design departments for related issue, Follow up with the consultants and client for site related issue and Discussion.



PROJECTS HANDLED

- **Construction of Hamriya Filling Station in Sharjah for Emirates General Petroleum Corporation (EMARAT)**
Client: EMARAT
Consultant: Al Gurg Consultants
Contractor: Raq Contracting Company
- **Demolition of Existing Service Station & Construction of Emarat E2 Filling Station in Sharjah Emirates General Petroleum Corporation (EMARAT)**
Client: EMARAT
Consultant: Mazaya Engineering Consultants
Contractor: J&D Gulf Contracting
- **Proposed construction of Emarat E2 Filling Station in Ajman for Emirates General Petroleum Corporation (EMARAT)**
Client: EMARAT
Consultant: Alsalam Engineering Consultants
Contractor: J&D Gulf Contracting
- **Construction & redevelopment of Al Rashidiya filling station at Dubai for Emirates General Petroleum Corporation (EMARAT)**
Client: EMARAT
Consultant: Al Burj Consultants
Contractor: Vision Construction
- **Construction of Al Dhaid Filling Station at Sharjah for Emirates General Petroleum Corporation (EMARAT)**
Client: EMARAT
Consultant: Al Burj Consultants
Contractor: J&D Gulf Contracting
- **Upgrade of 2 filling Station in Dubai for Emirates General Petroleum Corporation (EMARAT) (Garhoud & Nad Al Hamar)**
Client: EMARAT
Consultant: Al Gurg Consultants
Contractor: J&D Gulf Contracting
- **Project detail: Proposed Four(4) Filling Stations In Emirates General Petroleum Corporation (EMARAT) (ALTALLAH, MUWAFJAH, SAJAA, ARABIAN CENTER FILLING STATION)**
Client: EMARAT
Consultant: Al Gurg Consultants
Contractor: J&D Contracting

- **Project detail: Proposed Three(3) Filling Stations In Dubai for Emirates General Petroleum Corporation(EMARAT) (ALGHANAYEM FILLING STATION, GRAYTEESAH FILLINGSTATION, WADI AL SHABAK FILLING STATION)**

Client: EMARAT

Consultant: Al Gurg Consultants

Main contractor: City Diamond Contracting

NAME

Ryan Joe Parpan



DESIGNATION

Electrical Engineer



NATIONALITY

Filipino



ryan@carawanmep.com



+971 544551392(UAE)

LANGUAGES

FILIPINO (Native)

ENGLISH (Fluent)



EDUCATION

B.Sc. Degree in Electrical Engineering
Polytechnic University Of The Philippines



EXPERIENCE: Total 4 Years

Carawan Electrical & Mechanical Works LLC

JOB DESCRIPTION

- o Generally Responsible for implementations and monitoring of all electrical related works at site
- o Visiting job sites to compile measurements as necessary
- o Provide documentation manuals to assist electrical workers during repairs or installation
- o Work with Engineers to ensure that construction project is in accordance with design specifications.



PROJECTS HANDLED

- Project detail : Firmenich at Dubai Science Park, Dubai
Client: Firmenich
Consultant: Bluehaus Group
Main contractor: ISG Middle East LLC
- Project detail: Beit Al Khair Society WAFQ (2B+G+5 floor s +R) On Plot No.318 7269, Dubai, U.A.E.
Client: Juma Al Majid Group
Consultant: Engineering Consultants Group
Main contractor: East Coast Contracting LLC
- Project detail: The Address Fujairah Resort + Spa
Client: Eagle Hills / Sharm Fujairah Real Estate LLC
Consultant: RW Armstrong & Associates LLC
Main contractor: Roberts Constructions LLC
- Project detail: Proposed Three(3) Filling Stations In Dubai For Emirates General Petroleum Corporation(EMARAT) (ALGHANAYEM FILLING STATION, GRAYTEESAH FILLINGSTATION, WADI AL SHABAK FILLING STATION)
Client: EMARAT
Consultant: Al Gurg Consultants
Main contractor: City Diamond Contracting
- Project detail: Arabian Ranches II -Reem Community Town Houses On Plot No.6655419, At Wadi Al Safa 7 - Dubai, UAE
Client: EMAAR PJSC
Consultant: Al Gurg Consultants
Main contractor: Metac General Contracting

NAME

Deepu Viswanath



DESIGNATION

Lead QA/QC Engineer



NATIONALITY

Indian



Deepu.V@carawanmep.com



+971 503688341 (UAE)

LANGUAGES

ENGLISH (Fluent)

HINDI (Fluent)



EDUCATION

B.Sc. Degree in Electrical And Instrumentation

B.M.C. Of Engineering, Sasthamkotta, Kollam Kerala University



EXPERIENCE: Total 6 Years

Carawan Electrical And Mechanical Works LLC

JOB TITLE

- Develop the inspection and testing plan(ITPs), testing procedures, method of statement.
- Handle site activities and monitor the quality at site installation works based on the project specification, Local Electrical Authority Regulation, Civil Defense Regulation, NFPA72, and etc.
- Ensure all the required inspections of the works and materials have been performed in accordance with the approved ITP's and all related quality procedures, to verify conformance with the project quality requirements.
- Ensure that the documentation generated by the inspections, tests and surveys meets the project requirements.
- Inspect the material delivered to the site; coordinate with third party for testing and verification in accordance to the frequencies as specified in the project specifications.
- Liaison with all discipline engineers regarding inspection comments.
- Inspect and submit installation of works at site in accordance with the approved shop drawings, local regulations, and project requirements prior to consultant check.
- Perform internal audits and site surveillance audits.
- Conduct quality training for training for the discipline staff/workers at site.
- Maintenances and storage of project quality record.
- Preparing Handing over documents such as Operational Manual, Training Manual, Warranty Certificate, all testing commissioning reports, spare parts etc.
- Correspondence with Main Contractor for Progress Of Inspections.
- Preparation of weekly and monthly quality reports.
- Consultant and contractors for site related issues.



PROJECTS HANDLED

- Project detail: The Address Fujairah Resort + Spa
Client: Eagle Hills / Sharm Fujairah Real Estate LLC
Consultant: RW Armstrong & Associates LLC
Main contractor: Roberts Construction LLC
- Project detail: Plot 18- Dorchester –Business Bay
Client: Omniyat
Consultant: BSBG & CSA
Main contractor: Roberts Construction & Pizzarotti
- Project detail: Zero 6 Al-Jurania Community Center Mall, Sharjah (B+G+1+R)
Client: Alef Group LLC
Consultant: WSP Middle East
Main contractor: Omis Contracting
- Project detail: The Polo Residence, Nad Al Sheba-1 (G+4+R, 29 Buildings)
Client: IGEO /MAG Group
Consultant: Archorp
Main contractor: Technical Architect Contracting LLC
- Project detail: Lapita Autograph Collections (Dubai Parks Hotel and Resorts)
Client: Dubai Parks And Hotel LLC
Consultant: DEWAN
Main contractor: Brookfield Multiplex

NAME

Bilal Najumal Hussain



DESIGNATION

Electrical Engineer



NATIONALITY

Indian



bilal@carawanmep.com



+971 589654155(UAE)

LANGUAGES

Tamil(Native)

ENGLISH (Fluent)

Hindi(Fluent)



EDUCATION

B.Sc. Degree in Electrical & Electronics Engineer



EXPERIENCE: Total 5 Years

Carawan Electrical & Mechanical Works LLC

JOB DUTIES & RESPONSIBILITIES

- o Preparing the electrical system for DEWA'S inspection and to power the LV system for testing and commissioning of the project.
- o Recording the testing and commissioning for all electrical systems by raising inspections to the consultant with proper reports, drawings, and required attachments for approval.
- o Preparing the as built drawings, hand over documents and assisting for the variation works with senior management.



PROJECTS HANDLED

- The Address Fujairah Resort + Spa- Main Works Package
Client: Sharm Fujairah Real Estate LLC
Consultant: RW Armstrong & Associates LLC
Main contractor: National Wheel J&P LLC
- Project detail: Arabian Ranches II –Reem Community Town Houses On Plot No.6655419, At Wadi Al Safa 7 – Dubai, UAE
Client: EMAAR PJSC
Consultant: Al Gurg Consultants
Main contractor: Metac General Contracting
- Project detail: Grand cosmopolitan hotel 2B+G+M+6+Gym-Dubai
Client: Nayel Rashid Saif Al Shamsi.
Consultant: EDMAC
Main contractor: Nael Construction and Contracting

Staff

- Labour Strength

Labour Strength – Skilled & Unskilled

Carawan Electrical & Mechanical Works comprises of Skilled & Unskilled labours with more than 15 years' experience in addition to their experience in their home land. The following details shown our Labours Summary :



Total Strength	635
Staff	140
Skilled Labours	399
Total Currently Available	539
Approved Quota(Unused)	96
(as per Company Employee List –Ministry Of Human Resources & Emiratization)	

Project Section

- Completed Projects

Main Projects Executed

Sr No	PROJECT TITLE	SCOPE OF WORK	CLIENT	CONSULTANT	CONTRACTOR
1	ARABIAN RANCHES II –REEM COMMUNITY TOWN HOUSES ON PLOT NO. 6655419, AT WADI AL SAFA 7, DUBAI, UAE (216 Villa)	SUPPLY , INSTALLATION & TESTING COMMISSIONING OF ALL MEP (ELECTRICAL , MECHANICAL , PLUMBING) WORKS	EMAAR PROPERTIES PJSC	AL GURG CONSULTANTS	METAC GENERAL CONTRACTING CO.LLC
2	ROXY CINEMA DUBAI HILLS	SUPPLY , INSTALLATION & TESTING COMMISSIONING OF ALL MEP (ELECTRICAL , MECHANICAL , PLUMBING & FIRE FIGHTING) WORKS	DUBAI HOLDING/ MERAAS	BLUEHUAS ENGINEERING	ISG MIDDLE EAST
3	DUBAI MALL ENTERTAINMENT CENTER	MEP & CIVIL WORKS	EMAAR PROPERTIES PJSC	HYDER CONSULTANTS	AL MOJIL MIDDLE EAST
4	3 Residential Buildings (G+11) on Plot# AFRA 05, AFRA 06 & AFRA 11 at Al Furjan, Dubai	SUPPLY , INSTALLATION & TESTING COMMISSIONING OF ALL MEP (ELECTRICAL , MECHANICAL , PLUMBING & FIRE FIGHTING) WORKS	AZIZI DEVELOPMENTS	CVTEC	SS LOOTHA CONTRACTING LLC
5	CONSTRUCTION OF HOTEL APARTMENTS BUILDING (B+G+2P+10) PLOT NO AFRA001 & AFRA 003 AT AL FURJAN,DUBAI,UAE	SUPPLY , INSTALLATION & TESTING COMMISSIONING OF ALL MEP (ELECTRICAL , MECHANICAL , PLUMBING & FIRE FIGHTING) WORKS	AZIZI DEVELOPMENTS	360DEGREE ARCHITECTURAL DESGN CONSULTANCY	AL KAITOOB BUILDING CONTRACTING
6	BOROUGE 3 UTILITIES & OFFSITES TEMPORARY FACILITIES FOR HYUNDAI SITE OFFICE AT AL RUWAISE	MEP & Civil works	HYUNDAI	MARK HABRE & ASSOCIATES	MMG - MOHAMAD AL MOJIL GROUP
7	SMART LEARNING PROGRAM 2016	SUPPLY , INSTALLATION & TESTING COMMISSIONING OF ALL MEP (ELECTRICAL , MECHANICAL , PLUMBING) WORKS	MINISTRY OF EDUCATION		Z&T ELECTROMECHANICAL WORKS

Main Projects Executed

Sr No	PROJECT TITLE	SCOPE OF WORK	CLIENT	CONSULTANT	CONTRACTOR
8	2B+G+5 BEIT AL KHAIR SOCIETY- WAQF PLOT NO.187269	SUPPLY , INSTALLATION & TESTING COMMISSIONING OF ALL MEP (ELECTRICAL , MECHANICAL , PLUMBING & FIRE FIGHTING) WORKS	BEIT AL KHAIR SOCIETY/JAM	ENGINEERING CONSULTANTS GROUP	EAST COAST CONTRACTING
9	Dubai Opera District Five Wall Openings - Connecting between Boulevard Car-Park and Opera Basement	SUPPLY , INSTALLATION & TESTING COMMISSIONING OF ALL MEP (ELECTRICAL , MECHANICAL , PLUMBING) WORKS	EMAAR PROPERTIES PJSC	AECOM Middle East	Consolidated Contractors Company
10	THE ADDRESS FUJAIRAH RESPORT & SPA, FUJAIRAH,UAE	SUPPLY , INSTALLATION & TESTING COMMISSIONING OF ALL MEP BALANCE (ELECTRICAL , MECHANICAL , PLUMBING) WORKS FREE ISSUED EQUIPMENTS FROM CLIENT	EAGLE HILLS LLC	RW ARMSTRONG & ASSOCIATES	ROBERTS CONSTRUCTION LLC
11	SMART LEARNING PROGRAM 2014	SUPPLY , INSTALLATION & TESTING COMMISSIONING OF ALL MEP (ELECTRICAL , MECHANICAL , PLUMBING) WORKS	MINISTRY OF EDUCATION		CARAWAN ELECTRICAL & MECHANICAL WORKS
12	SHAMA BINT MOHAMMAD SCHOOL REFURBISHMENT PROGRAM	SUPPLY , INSTALLATION & TESTING COMMISSIONING OF ALL MEP (ELECTRICAL , MECHANICAL , PLUMBING) WORKS	MUSANADA	UPA ENGINEERING	Ranya Contracting Establishment
13	2012 REFURBISHMENT SCHOOLS PROGRAM EMIRATES COLLEGE TYPE-B- ABU DHABI	SUPPLY , INSTALLATION & TESTING COMMISSIONING OF ALL MEP (ELECTRICAL , MECHANICAL , PLUMBING) WORKS	MUSANADA	UPA ENGINEERING	ASWAR ENGINEERING & GEN. CONT.

Main Projects Executed

Sr No	PROJECT TITLE	SCOPE OF WORK	CLIENT	CONSULTANT	CONTRACTOR
14	SMART LEARNING PROGRAM 2015	SUPPLY , INSTALLATION & TESTING COMMISSIONING OF ALL MEP (ELECTRICAL , MECHANICAL , PLUMBING) WORKS	MINISTRY OF EDUCATION		CARAWAN ELECTRICAL & MECHANICAL WORKS
15	E-FULFILLMENT CENTRE FOR EZ DUBAI-LOGISTIC DISTRICT	SUPPLY , INSTALLATION & TESTING COMMISSIONING OF ALL MEP (ELECTRICAL , MECHANICAL , PLUMBING & FIRE FIGHTING) WORKS	DUBAI SOUTH	AL WASL AL JADEED CONSULTANT	CITY DIAMOND CONTRACTING
16	GRAND COSMOPOLITAN 5 STAR HOTEL (2B+G+M+6TYP+GY M+ROOF) FOR NCC ON PLOT NO. 373-270 AT AL BARSHA 1ST DUBAI, UAE	SUPPLY , INSTALLATION & TESTING COMMISSIONING OF ALL HVAC WORKS	NCC	EDMAC	ENVICON EMIRATES
17	Construction Of Al Dhaid Filling Station In Sharjah For Emirates General Petroleum Corporation (EMARAT)	SUPPLY , INSTALLATION & TESTING COMMISSIONING OF ALL MEP (ELECTRICAL , MECHANICAL , PLUMBING & FIRE FIGHTING) WORKS	EMIRATES GENERAL PETROLEUM CORPORATION (EMARAT)	AL GURG CONSULTANTS	J&D GULF CONTRATING LLC
18	Supply & Installation Of 211 Nos . Air Conditioning Units At Newly Rented Retail Male Staff Accomodation	Supply & Installation Of AC	EMIRATES GENERAL PETROLEUM CORPORATION (EMARAT)		CARAWAN ELECTRICAL & MECHANICAL WORKS
19	PROPOSED SAJAA FILLING STATION FOR EMIRATES GENERAL PETROLEUM CORPORATION(EMARAT)	SUPPLY , INSTALLATION & TESTING COMMISSIONING OF ALL MEP (ELECTRICAL , MECHANICAL , PLUMBING & FIRE FIGHTING) WORKS	EMIRATES GENERAL PETROLEUM CORP.	AL GURG CONSULTANTS	J&D GULF CONTRATING LLC

Main Projects Executed

Sr No	PROJECT TITLE	SCOPE OF WORK	CLIENT	CONSULTANT	CONTRACTOR
20	PROPOSED ARABIAN CENTER FILLING STATION FOR EMIRATES GENERAL PETROLEUM CORPORATION(EMARAT)	SUPPLY , INSTALLATION & TESTING COMMISSIONING OF ALL MEP (ELECTRICAL , MECHANICAL , PLUMBING & FIRE FIGHTING) WORKS	EMIRATES GENERAL PETROLEUM CORP.	AL GURG CONSULTANTS	J&D GULF CONTRATING LLC
21	PROPOSED ENOC FILLING STATIONS – 1 SITE 1103 ON PLOT NO 126 MZIRAA & 2. SITE 1135 ON PLOT NO.200 AL HOMA, WASIT,SHARJAH	SUPPLY , INSTALLATION & TESTING COMMISSIONING OF ALL MEP (ELECTRICAL , MECHANICAL , PLUMBING & FIRE FIGHTING) WORKS	EMIRATES GENERAL OIL COMPANY	AL GURG CONSULTANTS	AL BADR CONT. & CIVIL CONSTRUCTION LLC
22	H.E. MR. M. MATAR AL TAYER RESIDENTIAL VILLA, DUBAI. (B+G+1F+RF) PLOT NO. 3661925 AT UMM SUQEIM THIRD, DUBAI, U.A.E.	SUPPLY , INSTALLATION & TESTING COMMISSIONING OF ALL MEP (ELECTRICAL , MECHANICAL , PLUMBING & FIRE FIGHTING) WORKS	MR. MOHAMMED MATER MOHAMED AL TAYER, SHAMMA MATER MOHAAMED AL TAYER	CROWN ENGINEERING CONSULTANTS LLC.	FUJAIRAH NATIONAL CONSTRUCTION CO LLC.
23	ONE PALM , PLOT NO PJTRH00	SUPPLY , INSTALLATION & TESTING COMMISSIONING OF ALL MEP (ELECTRICAL , MECHANICAL , PLUMBING & FIRE FIGHTING) WORKS FITOUT WORKS ONLY	ONE @ PALM JUMEIRAH	SHAPOORJI	CODES CONSTRUCTION LLC
24	UPGRADING OF (2) FILLING STATIONS IN DUBAI FOR EMIRATES GENERAL PETROLEUM CORPORATION(EMARAT) – MAIN CONTRACT PACKAGE – TENDER NO.TN/ENP/2623	SUPPLY , INSTALLATION & TESTING COMMISSIONING OF ALL MEP (ELECTRICAL , MECHANICAL , PLUMBING & FIRE FIGHTING) WORKS	EMIRATES GENERAL PETROLEUM CORP.	AL GURG CONSULTANTS	J&D GULF CONTRATING LLC
25	BIG HEART FOUNDATION FILLING STATION AT MEZEIRAH,SHARJAH	SUPPLY , INSTALLATION & TESTING COMMISSIONING OF ALL MEP (ELECTRICAL , MECHANICAL , PLUMBING & FIRE FIGHTING) WORKS	EMIRATES GENERAL PETROLEUM CORP.	AL GURG CONSULTANTS	AL BADR CONT. & CIVIL CONSTRUCTION LLC

Main Projects Executed

Sr No	PROJECT TITLE	SCOPE OF WORK	CLIENT	CONSULTANT	CONTRACTOR
26	3 FILLING STATIONS IN DUBAI FOR EMIRATES GENERAL PETROLEUM CORPORATION(EMARAT)(AL GHANAYEM FILLING STATION, GRAYTEESAH FILLING STATION AND WADI AL SHABAK FILLING STATION)	SUPPLY , INSTALLATION & TESTING COMMISSIONING OF ALL MEP (ELECTRICAL , MECHANICAL , PLUMBING & FIRE FIGHTING) WORKS	EMIRATES GENERAL PETROLEUM CORP.	AL GURG CONSULTANTS	CITY DIAMOND CONTRACTING
27	ADDRESS FUJAIRAH RESORT & SPA – CONSTRUCTION OF HOTEL, APARTMENT BUILDINGS A,B,C & D AND VILLAS INCLUDING ASSOCIATED INFRASTRUCTURE	SUPPLY , INSTALLATION & TESTING COMMISSIONING OF BUILDING A,B,C&D MEP (ELECTRICAL , MECHANICAL , PLUMBING) WORKS FREE ISSUED EQUIPMENTS FROM CLIENT	EAGLE HILLS LLC	RW Armstrong & Associates LLC	NATIONAL WHEEL J&P LLC
28	THE VIEW @ PALM JUMEIRAH, NAKHEEL MALL	SUPPLY , INSTALLATION & TESTING COMMISSIONING OF ALL MEP (ELECTRICAL , MECHANICAL , PLUMBING & FIRE FIGHTING) WORKS FITOUT WORKS ONLY	NAKHEEL	SHAPOORJI	CODES CONSTRUCTION LLC
29	PROPOSED MUWAFJAH FILLING STATIONS IN SHARJAHFOR EMIRATES GENERAL PETROLEUM CORPORATION(EMARAT)	SUPPLY , INSTALLATION & TESTING COMMISSIONING OF ALL MEP (ELECTRICAL , MECHANICAL , PLUMBING & FIRE FIGHTING) WORKS	EMIRATES GENERAL PETROLEUM CORP.	AL GURG CONSULTANTS	J&D GULF CONTRATING LLC
30	PROPOSED AL TALLAH FILLING STATIONS IN AJMAN FOR EMIRATES GENERAL PETROLEUM CORPORATION(EMARAT)	SUPPLY , INSTALLATION & TESTING COMMISSIONING OF ALL MEP (ELECTRICAL , MECHANICAL , PLUMBING & FIRE FIGHTING) WORKS	EMIRATES GENERAL PETROLEUM CORP.	AL GURG CONSULTANTS	J&D GULF CONTRATING LLC

Main Projects Executed

Sr No	PROJECT TITLE	SCOPE OF WORK	CLIENT	CONSULTANT	CONTRACTOR
31	INDIAN PAVILION C.179 - EXPO DISTRICT - DUBAI , UAE.	SUPPLY , INSTALLATION & TESTING COMMISSIONING OF ALL MEP (ELECTRICAL , MECHANICAL , PLUMBING & FIRE FIGHTING) WORKS	EXPO 2020 / NBCC DWC-LLC.	ARCHITECTURAL CORNER	CITY DIAMOND CONTRACTING LLC
32	COMMERCIAL AND RESIDENTIAL BUILDINGS 2(B+G+2P+10F+ROO F)- AJMAN , UAE	SUPPLY , INSTALLATION & TESTING COMMISSIONING OF ALL MEP (ELECTRICAL , MECHANICAL , PLUMBING & FIRE FIGHTING) WORKS	BEIT AL KHAIR SOCIETY/JAM	MAZAYA CONSULTING ENGINEERS	GULF ASIA CONTRACTING Co. LLC
33	DOWNTOWN DUBAI DEVELOPMENT - ETISALAT CABLE CONTAINMENT FOR UNDERGROUND CAR PARK	ELECTRICAL WORK	EMAAR PROPERTIES PJSC		CARAWAN ELECTRICAL & MECHANICAL WORKS
34	PRE-RELEASE FACILITIES & CLINIC BUILDINGS AT ASWEIHAN AL AIN	SUPPLY , INSTALLATION & TESTING COMMISSIONING OF ALL MEP (ELECTRICAL , MECHANICAL , PLUMBING) WORKS	INTERNATIONAL FUND FOR HOUBARA CONSERVATION.	HOUBARA LAB. DESIGN LTD.	AL ALWSAF GEN. CONTRACTING
35	L22 WOOD GROUP FIT OUT WORKS	SUPPLY , INSTALLATION & TESTING COMMISSIONING OF ALL MEP (ELECTRICAL , MECHANICAL , PLUMBING) WORKS	Wood Group PSN	Chapman BDSP	ISG MIDDLE EAST
36	SUPPLY & INSTALLATION OF MISCELLANEOUS MEP WORKS @ DOWNTOWN DUBAI DEVELOPMENT	SUPPLY , INSTALLATION & TESTING COMMISSIONING OF ALL MEP (ELECTRICAL , MECHANICAL , PLUMBING) WORKS	EMAAR PROPERTIES PJSC		DUTCO BALFOUR BEATTY

Main Projects Executed

Sr No	PROJECT TITLE	SCOPE OF WORK	CLIENT	CONSULTANT	CONTRACTOR
37	DAMAN NATIONAL HEALTH INSURANCE COMPANY NEW HEADQUARTERS OFFICE IN ABU DHABI UAE	SUPPLY , INSTALLATION & TESTING COMMISSIONING OF ALL HVAC WORKS	DAMAN INSURANCE	BLUEHAUS ENGINEERING	ISG MIDDLE EAST
38	BURJ KHALIFA DEVELOPMENT –DCP 3RD PLANT	SUPPLY , INSTALLATION & TESTING COMMISSIONING OF ALL MEP (ELECTRICAL , MECHANICAL , PLUMBING) WORKS	EMAAR PROPERTIES PJSC	ALLIED CONSULTANT	METITO OVERSEAS LTD.
39	MEP WORKS OF AD7195 - MASOOD NAQVI MOSQUE AT EMIRATES HILLS, DUBAI, UAE	SUPPLY , INSTALLATION & TESTING COMMISSIONING OF ALL MEP (ELECTRICAL , MECHANICAL , PLUMBING) WORKS	ISLAMIC AFFAIRS & CHARITABLE ACTIVITIES DEPARTMENT -MASJID- JAMA	ARCHITECTURE & PLANNING GROUP	DUTCO BALFOUR BEATTY LLC
40	Residential Villa-Al Maqtaa Abu Dhabi, UAE	SUPPLY , INSTALLATION & TESTING COMMISSIONING OF ALL MEP (ELECTRICAL , MECHANICAL , PLUMBING) WORKS	Mr.Riyad Abdul Rahman Mubarak	UPA Consultancy	Ranya Contracting Establishment
41	TCA ABU DHABI OFFICE	MECHANICAL WORKS	TCA	BLUE HAUS ENGINEERING	ISG MIDDLE EAST
42	SMART LEARNING PROGRAM 2013	MEP & CIVIL WORKS	MINISTRY OF EDUCATION		CARAWAN ELECTRICAL & MECHANICAL WORKS
43	DDD- PROVISION OF TOILET & PANTRIES EMAAR	SUPPLY , INSTALLATION & TESTING COMMISSIONING OF ALL MEP (ELECTRICAL , MECHANICAL , PLUMBING) WORKS	EMAAR PROPERTIES PJSC		CARAWAN ELECTRICAL & MECHANICAL WORKS

Main Projects Executed

Sr No	PROJECT TITLE	SCOPE OF WORK	CLIENT	CONSULTANT	CONTRACTOR
44	TEMPORARY BUS DEPOT OLD EID PRAYER YARD – ABU DHABI	SUPPLY , INSTALLATION & TESTING COMMISSIONING OF ALL MEP (ELECTRICAL , MECHANICAL , PLUMBING) WORKS	DEPARTMENT OF TRANSPORT (DOT)	JURONG INTERNATIONAL CONSULTING PVT.LTD	Ranya Contracting Establishment
45	REMODELING,IMPROVEMENT AND REFURBISHMENT OF AL SADARA SCHOOL IN AL AIN	ELECTRICAL WORK	MUSANADA	URBAN PLANNING ARCHITECTURAL	TECHMEP ELECTROMECHANICAL
46	MEYDAN GRANDSTAND	MEP WORKS	MEYDAN		CARAWAN ELECTRICAL & MECHANICAL WORKS
47	PACKAGE 1 & 2 SCHOOL REFURBISHMENT PROGRAME FOR ABU DHABI GENERAL SERVICES (PSJC) MUSANADA @ AL AMEEN PRIMARY SCHOOL (AL AIN)	ELECTRICAL WORKS	MUSANADA	CONSECO INTERNATIONAL	RANYA GEN.CONSTRUCTION CO.L.L.C
48	FIRMENICH PROJECT BOLT AT DUBAI SCIENCE	SUPPLY , INSTALLATION & TESTING COMMISSIONING OF ALL MEP (ELECTRICAL , MECHANICAL , PLUMBING & FIRE FIGHTING) WORKS	FIRMENICH	CHAPMAN	ISG MIDDLE EAST
49	CONSTRUCTION AND REDEVELOPMENT OF AL RASHIDIYA FILLING STATION AT DUBAI,UAE PLOT NO.2160339	SUPPLY , INSTALLATION & TESTING COMMISSIONING OF ALL MEP (ELECTRICAL , MECHANICAL , PLUMBING & FIRE FIGHTING) WORKS	EMIRATES GENERAL PETROLEUM CORP.	AL BURJ CONSULTANTS	VISION CONTSTRUCTIONS

Main Projects Executed

Sr No	PROJECT TITLE	SCOPE OF WORK	CLIENT	CONSULTANT	CONTRACTOR
50	CONSTRUCTION OF RUMAILAH-1 FILLING STATION ON PLOT NO.0629 IN AJMAN FOR EMIRATES GENERAL PETROLEUM CORPORATION (EMARAT).	SUPPLY , INSTALLATION & TESTING COMMISSIONING OF ALL MEP (ELECTRICAL , MECHANICAL , PLUMBING & FIRE FIGHTING) WORKS	EMIRATES GENERAL PETROLEUM CORPORATION (EMARAT)	AL GURG CONSULTANTS	J&D GULF CONTRATING LLC
51	CONSTRUCTION OF MAFRUQ FILLING STATION ON PLOT NO.694 IN SHARJAH FOR EMIRATES GENERAL PETROLEUM CORPORATION (EMARAT)	SUPPLY , INSTALLATION & TESTING COMMISSIONING OF ALL MEP (ELECTRICAL , MECHANICAL , PLUMBING & FIRE FIGHTING) WORKS	EMIRATES GENERAL PETROLEUM CORPORATION (EMARAT)	AL GURG CONSULTANTS	J&D GULF CONTRATING LLC
52	HAMRIYAH PETROL STATION FOR EMIRATES GENERAL PETROLEUM CORPORATION (EMARAT) ON PLOT NO.3460 AT HAMRIYAH DISTRICT GHARAB, SHARJAH,UAE.	SUPPLY , INSTALLATION & TESTING COMMISSIONING OF ALL MEP (ELECTRICAL , MECHANICAL , PLUMBING & FIRE FIGHTING) WORKS	EMIRATES GENERAL PETROLEUM CORPORATION (EMARAT)	AL GURG CONSULTANTS	RAQ CONTRACTING
53	CONSTRUCTION OF AL BARSHA FILLING STATION ON PLOT NO.3760913 IN DUBAI FOR EMIRATES GENERAL PETROLEUM CORPORATION(EMARAT)	SUPPLY,INSTALLATION, TESTING & COMMISSIONING OF ALL MEP WORKS	EMIRATES GENERAL PETROLEUM CORPORATION (EMARAT)	IMAGE ENGINEERING CONSULTANT	J&D GULF CONTRATING LLC
54	CONSTRUCTION OF ENOC SITE 1303(NTI SITE) FILLING STATION ON PLOT NO.0372, AL QARAYEN-1, UMM AL QUWAIN,UAE FOR EMIRATES NATIONAL OIL COMPANY(ENOC)	SUPPLY,INSTALLATION, TESTING & COMMISSIONING OF ALL MEP WORKS	EMIRATES NATIONAL OIL COMPANY(ENOC)	AL BURJ ENGINEERING CONSULTANTS	J&D GULF CONTRATING LLC
55	REDEVELOPMENT OF AL GHADEER FILLING STATION ON PLOT.NO.674 UMM SUQEIM, DUBAI FOR EMIRATES GENERAL PETROLEUM CORPORATION (EMARAT)	SUPPLY,INSTALLATION, TESTING & COMMISSIONING OF ALL MEP WORKS	EMIRATES GENERAL PETROLEUM CORPORATION(EMARAT)	IMAGE ENGINEERING CONSULTANT	J&D GULF CONTRACTING LLC

Main Projects Executed

56	CONSTRUCTION OF KALBA SAF FILLING STATION AT PLOT NO.1, AL SAF, KALBA, SHARJAH, UAE	SUPPLY,INSTALLATION, TESTING & COMMISSIONING OF ALL MEP WORKS	EMIRATES GENERAL PETROLEUM CORPORATION(EMARAT)	KAYAN ENGINEERING CONSULTANT	RAQ CONTRACTING CO. LLC
57	CONSTRUCTION OF EMARAT E2 FILLING STATION @ MANAMA,AJMAN	SUPPLY,INSTALLATION,TESTING & COMMISSIONING OF ALL MEP WORKS	EMIRATES GENERAL PETROLEUM CORPORATION (EMARAT)	ALKAFAA ENGINEERING CONSULTANT	RAQ CONTACTING CO. LLC
58	CONSTRUCTION OF EMARAT E2 FILLING STATION @ HINIYA, FUJAIRAH	SUPPLY,INSTALLATION,TESTING & COMMISSIONING OF ALL MEP WORKS	EMIRATES GENERAL PETROLEUM CORPORATION (EMARAT)	ALKAFAA ENGINEERING CONSULTANT	RAQ CONTRACTING CO. LLC
59	CONSTRUCTION OF UPGRADING OF BEACH FILLING STATION ON PLOT NO.12-0491(P-397), AL RAFFA, DUBAI FOR EMIRATES GENERAL PETROLEUM CORPORATION (EMARAT)	SUPPLY,INSTALLATION,TESTING & COMMISSIONING OF ALL MEP WORKS	EMIRATES GENERAL PETROLEUM CORPORATION (EMARAT)	IMAGE ENGINEERING CONSULTANT	J&D GULF CONTRACTING LLC
60	CONSTRUCTION OF 5 FILLING STATIONS – MADAM R/A, THUQUEIBAH, KHAWALED, HAFIRA & MELIHA KHADEIRAH IN ALMADAM AND MELIHA, SHARJAH	SUPPLY,INSTALLATION, TESTING & COMMISSIONING OF ALL MEP WORKS	EMIRATES GENERAL PETROLEUM CORPORATION(EMARAT)	ARKAN ALIMARAH ENG. CONSULTANCY	J&D GULF CONTRACTING LLC
61	THE NEST, AL BARARI, DUBAI,UAE AT PLOT NO.645-3324(L06), PLOT NO.645-3330 L2, PLOT NO.645-3311 L10, & PLOT NO.645-3329 L01	SUPPLY,INSTALLATION, TESTING & COMMISSIONING OF ALL MEP WORKS	MR.DINESH MELWANI, MS.MICHAEL DANIA, DEEPA SAJEEVAN & KONO CONSTRUCTION LLC	EMKAAN ARCHITECHTURE & ENGINEERING CONSULTANCY	ENGINEERING CONTRACTING CO LLC
62	W-38 –PROPOSED RESIDENTIAL VILLA (G+1+R) + SERVICE BLOCK + COMPOUND WALL	SUPPLY,INSTALLATION, TESTING & COMMISSIONING OF ALL MEP WORKS	MR.IBRAHIM MOHAMMAD AHMAD HASSAN BUHELMA	EMKAAN ARCHITECHTURE & ENGINEERING CONSULTANCY	AL TAMAYOZ CONTRACTING CO LLC

Fit Out Projects Executed

#	Project Title	Services	Consultant	Contractor
1	GARLICOS RESTAURANT AT ARBAIAN CENTER	MEP	ARABIAN MANAGMENTS	RICHLINE DECORE
2	OUTBAK RESTAURANT AT FESTIVAL CITY	MEP	FISTIVAL CITY MANAGMENTS	RICHLINE DECORE
3	FISH & CO RESTAURANT AT J.B.R	MEP	DUBAI RETAIL MANAGMENTS	RICHLINE DECORE
4	DUNKIN DONUTS AT AJMAN CITY CENTER	MEP	CITY CENTER MANAGMENTS	RICHLINE DECORE
5	DUNKIN DONUTS AT ALWARQA CENTER	MEP	ALWARQA CENTER MANAGMENTS	RICHLINE DECORE
6	DUNKIN DONUTS AT DUBAI MALL KIDZANIA	MEP	HYDER CONSULTANTS	RICHLINE DECORE
7	WRAP SHOP AT ARBIAN CENTER	MEP	ARABIAN MANAGMENTS	RICHLINE DECORE
8	DUNKIN DONUTS AT MIRDIF CENTER	MEP	MIRDIF CENTER MANAGMENTS	RICHLINE DECORE
9	OUTBAK RESTAURANT AT DUBAI MALL	MEP	EMAAR MANAGEMENT	RICHLINE DECORE
10	FISH & CO RESTAURANT -D.F.C	MEP	FOOD & LIFE CO.	RICH LINE DECORE
11	PRIVATE OFFICE FOR ABDUL ALLATEEF ALSAYGH	MEP	TECOM	ATELIER 21 INETRIOR DESIGN
12	DUKKAN FALFEL RESTAURANT - JUMEIRAH	MEP	ENOC MANAGEMENT	RICH LINE DECORE
13	DUKKAN FALFEL RESTAURANT - ALWARQA	MEP	ENOC MANAGEMENT	RICH LINE DECORE
14	DUKKAN FALFEL RESTAURANT - MEDOWS	MEP	ENOC MANAGEMENT	RICH LINE DECORE
15	DUKKAN FALFEL RESTAURANT - SHARJAH	MEP	ENOC MANAGEMENT	RICH LINE DECORE
16	WENDY ARBYS RESTAURANT-WASAL	MEP	ENOC MANAGEMENT	RICH LINE DECORE
17	RAWABINA RESTAURANT & CENTRAL KITCHEN	MEP	MIDDLE EAST CO.	ATELIER 21 INETRIOR DESIGN
18	WENDY ARBYS RESTAURANT-AWEER	MEP	ENOC MANAGEMENT	RICH LINE DECORE
19	WENDY ARBYS RESTAURANT-BARSHA	MEP	ENOC MANAGEMENT	RICH LINE DECORE
20	DOMINOS PIZZA -BARSHA	MEP	ENOC MANAGEMENT	RICH LINE DECORE
21	DOMINOS PIZZA -SHARJAH	MEP	ENOC MANAGEMENT	RICH LINE DECORE
22	TAWASI CENTRAL KITCHEN	MEP	FOOD & LIFE CO.	RICH LINE DECORE
23	DUNKIN DONUTS-MOTOR CITY	MEP	FOOD & LIFE CO.	RICH LINE DECORE
24	DUNKIN DONUTS -SHARJAH	MEP	FOOD & LIFE CO.	RICH LINE DECORE

Fit Out Projects Executed

#	Project Title	Services	Consultant	Contractor
25	WENDY ARBYS RESTAURANT- MUSHREF MALL	MEP	ENOC MANAGEMENT	RICH LINE DECORE
26	WENDY ARBYS RESTAURANT-AJMAN	MEP	ENOC MANAGEMENT	RICH LINE DECORE
27	DOMINOS PIZZA -SAHARA	MEP	ENOC MANAGEMENT	RICH LINE DECORE
28	APPETITE RESTAURANT -JAFZA	MEP	VIRTUS	ATELIER 21 INETRIOR DESIGN
29	DUNKIN DONUTS -FUJEIRAH	MEP		RICH LINE DECORE
30	DUKKAN FALFEL RESTAURANT -JAFZA	MEP	ENOC MANAGEMENT	RICH LINE DECORE
31	WENDY ARBYS AT FUJAIRAH	MEP	MAF	RICH LINE DECORE
32	WENDY ARBYS AT MIRDIFF	MEP	MAF	RICH LINE DECORE
33	CHARLYS AT FUJAIRAH	MEP	MAF	RICH LINE DECORE
34	JUST FALAFEL BUR DUBAI	MECH	ENOC	RICH LINE DECORE
35	JUST FALAFEL D.F.C	MECH	D.F.C	RICH LINE DECORE
36	DUNKIN DONUTS -MURGAB	MECH	QHC	RICH LINE DECORE
37	DUNKIN DONUTS -JURAINA	MECH	QHC	RICH LINE DECORE
38	DUNKIN DONUTS -KHAN -SHARJAH	MECH	QHC	RICH LINE DECORE
39	BURGER KING -SHARJAH	MEP	ENOC	RICH LINE DECORE
40	GALVANI -D.M.M	MEP	EMAAR	SKETCHES
41	WASHIA -D.M	MEP	EMAAR	MAKAN INTERIORS
42	DUKKAN SHAWERMA	MECH	ENOC	RICH LINE DECORE
43	DUKKAN FALAFIL -KHALIFA CITY	MECH	ADNOC	RICH LINE DECORE
44	DUKKAN FALAFIL -JAFZA	MECH	ENOC	RICH LINE DECORE
45	DUNKIN DONUTS -IBIN BATHOOTH	MECH	ENOC	RICH LINE DECORE

Fit Out Projects Executed

#	Project Title	Services	Consultant	Contractor
46	DUNKIN DONUTS -BUR DUBAI	MECH	ENOC	RICH LINE DECORE
47	DUNKIN DONUTS -MAJAZ	MECH	ENOC	RICH LINE DECORE
48	FATAYER AL KHALEEJ	MECH	ADNOC	RICH LINE DECORE
49	NICE CARE CLINC	MEP	IDEAS	SKETCHES INTERIORS
50	WENDY ARBY IBN BATUTTA MALL	MEP	RICHLINE DECORE	RICHLINE DECORE
51	AMERICAN UNIVERSITY OF DUBAI		CARAWAN ELECTRICAL & MECHANICAL WORKS	CARAWAN ELECTRICAL & MECHANICAL WORKS
52	STEAKY RESTAURANT -BOULEVARD CENTER	AC	EMAAR PROPERTIES	RICHLINE DECORE
53	TEXAS CHICKEN @ ADNOC FUJAIRAH BEACH	AC	ENOC	RICHLINE DECORE
54	DUBAI MALL ENTERTAINMENT CENTER SIGNAGE	ELECTRICAL	TURNER	EMAAR
55	13 OFFICES @ METROPOLIS TOWER BUSINESS BAY	MEP	DEYAR PROPERTIES	MAKAN INTERIORS

Villa Projects Executed

#	Project Title	Services	Consultant	Contractor
1	(G+1) VILLA AT AL WASAL	MEP	STYLE CONSULTANT ENGINEERS	AL HABBAL CONTRACTING (L.L.C)
2	VILLA (G+1) FOR MR. YAQOOB ALTAMIMI	MEP	SEPCTUM ENGINEERING	SHEPHARED GEN. CONTRACTING
3	VILLA (G+1) FOR MR. JABER AL HARBI-NAD AL SHEBA	MEP	ARENCO ENGINEERING	SHEPHARED GEN. CONTRACTING
4	TWO VILLAS (G+1) WITH SERVICE BLOCK FOR MR. AHMAD HILAL-NAD ALSHEBA	MEP	F.A. BAKER ENGINEERING	SHEPHARED GEN. CONTRACTING
5	TWO VILLAS (G+1) WITH SERVICE BLOCK FOR MR.ASMAWI-ALQOUZ RESIDENTIAL	MEP	ADNAN SAFFARRINI ENGINEERING	ALRADHA GEN. CONTRACTING
6	VILLA (G+1) FOR MR. SULAIMAN ALHAMMADI -ALWARQA 3RD	MEP	SEPCTUM ENGINEERING	SHEPHARED GEN. CONTRACTING
7	VILLA (G+1) FOR MR. MARWAN ALHAMMADI-ALWARQA 2ND	MEP	SEPCTUM ENGINEERING	SHEPHARED GEN. CONTRACTING
8	VILLA (G+1) FOR MR. NADER ALMUHARI-ALWARQA 2ND	MEP	SEPCTUM ENGINEERING	SHEPHARED GEN. CONTRACTING
9	VILLA (B+G+1) FOR MR. KHALID BIN KILLI AT ALKHAWANEJ	MEP	SPEACE ENGINEERING	ALMARZOUQI CONTRACTING
10	VILLA (G+1) FOR MRS MARYAM	MEP	STYLE CONSULTANT ENGINEERS	ALABBAR CONTRACTING
11	VILLA (G+1) FOR MRS MUZA	MEP	STYLE CONSULTANT ENGINEERS	ALABBAR CONTRACTING
12	VILLA (GROUND + ONE + KITCHEN BLOCK) FOR RASHID IBRAHIM YAQOOB AHMAD AL TAMIMI	AC	LINES ENGINEERING CONSULTANT	SHEPHERD GENRAL CONT.L.L.C
13	VILLA (GROUND + ONE) FOR SAUD IBRAHIM YAQOOB AHMAD AL TAMIMI	AC	LINES ENGINEERING CONSULTANT	SHEPHERD GENRAL CONT.L.L.C
14	VILLA (GROUND + ONE + BLOCKED) FOR ABDULAZIZ IBRAHIM YAQOOB AHMAD AL TAMIMI	AC	LINES ENGINEERING CONSULTANT	SHEPHERD GENRAL CONT.L.L.C

Project Section

- Current Projects

Current Projects

SR .N O.	PROJECT TITLE	SCOPE OF WORK	CLIENT	CONSULTANT	CONTRACTOR
1	MEP WORKS FOR ICD BROOKFIELD PLACE – FRAMEWORK	SUPPLY , INSTALLATION & MODIFICATION FOR EXISTING WORKS & NEW FITOUT INSIDE THE TOWER	ICD BROOKFIELD PLACE	CLARKE SAMADHIN	ISG MIDDLE EAST
2	MUROOJ AL FURJAN, PACKAGE 3	SUPPLY,INSTALLATION, TESTING & COMMISSIONING OF ALL MEP WORKS	NAKHEEL	LACASA	ASGC CONSTRUCTION LLC
3	BULGARI PROMENADE & OCEAN VIEW RESIDENCES ON PLOT NO.3020610	SUPPLY,INSTALLATION, TESTING & COMMISSIONING OF ALL MEP WORKS	MEERAS & NORTH25	KHATIB & ALAMI	IBUILD CONSTRUCTION LLC
4	G+1 +ROOF VVIP PRIVATE LUXARY VILLA & UTILITY BLOCK FOR THE OFFICE OF H.H. RULER OF UAQ @ UMM AL QUWAIN	SUPPLY,INSTALLATION, TESTING & COMMISSIONING OF ALL MEP WORKS	UAQ RULER'S COURT	AL GURG CONSULTANTS	TMC GENERAL CONTRACTING & ELETROMECHANIC LLC
5	DPG-0064 VILLANOVA (PA 15) LA VIOLETA PHASE 1 & 2	SUPPLY,INSTALLATION, TESTING & COMMISSIONING OF ALL MEP WORKS	DUBAI HOLDING REAL ESTATE LLC	DEC DYBAMIC ENGINEERING CONSULTANTS	CONSTRUCTION & RECONSTRUCTION COMPANY
6	MAHA TOWNHOUSES COMMUNITY 07	SUPPLY,INSTALLATION, TESTING & COMMISSIONING OF ALL MEP WORKS	NSHMI	ARIF & BINTOAK CONSULTING ARCHITECS & ENGINEERS	GINCO GENERAL CONTRACTING LLC
7	MUDON CENTRAL PARK PHASE 1 & 2	SUPPLY,INSTALLATION, TESTING & COMMISSIONING OF ALL MEP WORKS	MDN REAL ESTATE LLC	ULTRA ARCHITECTURAL CONSULTANCY (U+A)	METAC GENERAL CONTRACTING CO.(LLC)

Current Projects

8	CONSTRUCTION OF 3 NOS. EMARAT E2 LINEAR FILLING STATIONS AT SAMNAN-1, AL-NAHDA-2 AND SAJAA-3 IN SHARJAH, UAE – MAIN CONTRACT PACKAGE, TENDER NO.TN/ENP/3482	SUPPLY, INSTALLATION, TESTING & COMMISSIONING OF ALL MEP WORKS	EMIRATES GENERAL PETROLEUM CORPORATION(EMARAT)	SHARJAH ENGINEERING CONSULTANT	J&D GULF CONTRACTING LLC
9	CONSTRUCTION OF MIDFA (MEZEIRA A RAHMANIA) FILLING STATION	SUPPLY, INSTALLATION, TESTING & COMMISSIONING OF ALL MEP WORKS	EMIRATES GENERAL PETROLEUM CORPORATION(EMARAT)	KAYAN ENGINEERING CONSULTANT	KTC INTERNATIONAL CONTRACTING LLC

Clients

Clients & Registrations



UNITED ARAB EMIRATES
MINISTRY OF EDUCATION



كروان للأعمال الكهربائية والميكانيكية CARAWAN ELECTRICAL & MECHANICAL WORKS



Clients & Registrations



Certificates & Approvals

Certificates & Approvals

- Project Approvals



METAC
GENERAL CONTRACTING L.L.C

DUBAI
HOLDING
REAL ESTATE

UA

MUDON CENTRAL PARK PROJECT (PHASE 1 & 2)

The Engineer: U+A

Contractor: Metac General Contracting LLC

Package No:

21127

SUB-CONTRACTOR APPROVAL REQUEST

Date :

27.05.2023

S.A.R No. :

21127-PH1&2-PQ-0002-R0

To The Engineer :

Mr. Berge Nazarian (Resident Engineer)

Approval requested for :

- 1 **Prequalification Document - Carawan Electrical & Mechanical Works LLC (MEP Works)**

Contractor's PM: Mahmoud Ibrahim

Signature:

Engineer's Comments :

No Objection on the pre-qualification submitted by the proposed MEP subcontractor M/s. Carawan Electrical & Mechanical Works LLC subject to comply the comments in the attached sheet.

30-May-2023

30-May-2023

Approval Status

A. Approved []

B. Approved with Comments [✓]

C. Rejected Revise & Resubmit [] D. For Information []

RESIDENT ENGINEER

PROJECT MANAGER

Date :

Distribution:

Head Office ☐

Client ☐

QS ☐

21127 Mudon Central Park UA

RECEIVED

29 May 2023

By: **Amanat**

Time: **7:51 am**



SUB-CONTRACTOR APPROVAL REQUEST

Client	Consultant	Main Contractor	
CONTRACT NO.	No.1730	SCAR. NO	GGC-152-SCAR-0006
CONTRACT TITLE	Town House Square Development (TSQ), Plot C07 MAHA Townhouses Community	REVISION NO.:	0
		REVISION DATE:	24/05/2023
CONTRACTOR	M/s.Ginco General Contracting L.L.C	TITLE	Prequalification
		DISCIPLINE	MEP
TO : M/s. Arif & Bintok Consulting Architects & Engineers		FROM : M/s. Ginco General Contracting L.L.C	
DESCRIPTION :			

SUBCONTRACTOR APPROVAL REQUEST FOR MEP WORKS,
M/S. CARAWAN ELECTRICAL & MECHANICAL WORKS
Post Box: 98684
Dubai, U.A.E

LEAD SECTOR CONSULTANT'S COMMENTS :

Refer to comments on the attached sheet
Approval subject to subcontractors (Carawan) performance in this project.

2/6/23
01/01/23

CONTRACTOR'S REVIEW

Contractor has reviewed this submission prior to submission to Consultant

SIGNATURE

Mr. Ali Zakariya
Project Manager

SUBMITTAL STATUS

APPROVED NO COMMENTS

☐

APPROVED AS NOTED

☒

NOT APPROVED - RESUBMIT

☐

FOR RECORD ONLY

☐

LEAD SECTOR CONSULTANT'S SIGNATURE

For and on behalf of
Consultant

Date :

2-6-23



Emaar Properties PJSC
P.O.Box 9440, Dubai
United Arab Emirates

T +971 4 3673333
F +971 4 3673000

enquiry@emaar.ae
emaar.com

Pre-Qualification Notification: APPROVED

Company : Carawan Electrical & Mechanical Works LLC

Category : MEP Contractor

Reference No: PQ/048

Date : 3rd September 2014

Attn: Mr. Abdul Majeed Khadrawy

Dear Sir/Madam,

We would like to confirm that your company has successfully prequalified for Emaar projects for the above mentioned categories. We will invite you to participate in our tender process when a suitable opportunity arises.

Yours faithfully,

for **Emaar Properties PJSC**




Alan Sinclair,
Director, Contracts.



SUBCONTRACTOR APPROVAL REQUEST

CONTRACT NO. DMS 148110 & DMS 148271
CONTRACT TITLE MUROOJ AL FURJAN 1
CONTRACTOR ASGC CONSTRUCTION LLC

SCAR. NO. _____
REVISION NO.: _____
REVISION DATE: _____
TITLE _____
DISCIPLINE _____

ASGC-P310-SCAR-MEP-0001-03
3
24-Feb-22
PREQUALIFICATION
MEP

☐ INFRASTRUCTURE

☒ BUILDING

TO : ARIF & BINTOAK / LACASA

FROM : ASGC CONSTRUCTION

DESCRIPTION :

PREQUALIFICATION SUBMITTALS OF
M/S CARAWAN ELECTRICAL & MECHANICAL WORKS LLC
FOR PACKAGE 3 MEP WORKS



LEAD SECTOR CONSULTANT'S COMMENTS :

Refer to attached Comments Sheet.

[Signature]
07-MAR-2022

LACASA
ARCHITECTURAL CONSULTANTS
Job No. 591 (Murrooj Al
Furjan Package 3 & 5)



CONTRACTOR'S REVIEW

SUBMITTAL STATUS

SIGNATURE _____



APPROVED NO COMMENTS ☐

APPROVED AS NOTED ☒

NOT APPROVED - RESUBMIT ☐


FOR RECORD ONLY ☐

LEAD SECTOR CONSULTANT'S SIGNATURE

For and on behalf of
Arif & BintOak

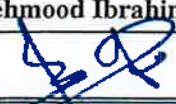
comply with consultant comments
Date *[Signature]* 7/3/22



The Employer EMAAR PROPERTIES PJSC P.O. Box: 9440, Dubai, United Arab Emirates, Tel.: +971 4 367 3333 Fax.: +971 4 367 3000 www.emaar.com	The Engineer  HEAD OFFICE: Dubai, U.A.E. - P.O. Box 810 Tel: 04-3024999 Fax: 04-3024888 www.algurg.net	The Contractor Metac Gen. Contracting Co. LLC P.O. Box: 2028, Mussafah, Abudhabi, UAE Tel.: +971 2 551 0899 Fax.: +971 2 551 4075
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**AR II - Reem Community Town Houses on Plot No.6655419 (R5T/2),
Wadi Al Safa 7, Dubai, UAE**

SUB-CONTRACTOR APPROVAL SUBMITTAL	Ref. No.: SCAR-003
	Date: 22-Nov-17

Main Contractor:	METAC Gen. Contracting Co. LLC
Project Manager:	Mehmood Ibrahim
Signature & Date:	

WE REQUEST APPROVAL OF THE FOLLOWING SUBCONTRACTOR

☐ Architectural
 ☒ Civil/Structural
 ☒ Services
 ☐ Other ()

Name of Sub-Contractor	Carawan Electrical & Mechanical Works LLC	Specified	<input type="checkbox"/> Yes <input type="checkbox"/> No
Nature of Work:	MEP Services		<input type="checkbox"/> Equivalent
Scope:		Spec. Ref. LOI	
Prequalification Documents of "Carawan Eletrical & Mechanical Works LLC"		BOQ Ref.	Page
		Relevant	
		Drawings	
		Addenda	

Attachments:

General Information	<input checked="" type="checkbox"/> Included
Test Disciplines	<input checked="" type="checkbox"/> Included
Quality Policy	<input checked="" type="checkbox"/> Included
Location Map	<input checked="" type="checkbox"/> Included
Organization & Resources	<input checked="" type="checkbox"/> Included
Completed Projects	<input checked="" type="checkbox"/> Included
Financial Information	<input type="checkbox"/> Included

*Accepted Engineers
Subject to probation
period of 2 months*

*MCCH.
1. Osama Ahmad mahmoud
2. Taha Khalil.
3. Moath Taha.
ELECT.
1. Alaa Rafaei.
2.*

CONSULTANT'S COMMENTS:

1. Proposed subcontractor is accepted subject to compliance of project specification, local Authority rules and regulation.

2. Subcontractor is responsible to obtain necessary authority approval whenever required for MEP systems.

3- proposed engineers are accepted subject to Two months Probation Period

☐ Approved with No Objection
 ☒ Approved with Comments
 ☐ Not Approved

Al Gurg Consultant Resident Engineer's Signature: 	Date: 03/12/2017
---	------------------

Client Comments & Signature:

EMAAR MEP: NO OBJECTION. CONTRACTOR TO COMPLY WITH ALL ABOVE COMMENTS.

APPROVED. M. AL MARJOUFI 11/12/2017.

Corrections or comments made relative to submittals during this review do not relieve the contractor from compliance with the contract requirement and specifications. This check is only for review of general conformance with the design concept of the project and general compliance with the information given in the contract documents.

Document Submittal Form

Project Name	RCDHM		Project Number	UPR235	Issue Date	19-Oct-2021
From	Company	ISG ME	To	Company	Bluehaus Group	
				Attention	Vibhu Raj	

Shop Drawings (S)	Material (M)	Documents (D)
O&M Manual (OM)	As Built (AB)	Handover Documents (HD)

Submittal Number	Doc. Type	Discipline	Comp. Initial	Serial No.	Rev. No.	Level	Issued For	A Approved	B Approved / noted	C Re-submit	D Rejected
	D	MEP	ISG	002	01	Area	1 Info 2 Approval 3 Coordination				

Drawing Number or Material Code	Descriptions	Rev.	Issue For	A	B	C	D
	Pre-Qualification Pack for Carawan Subcontractor	01	2		✓		

Consultant Comments:

- Approved with comments by BHE and N25; refer to comments on next page
- ISG / CARAWAN to comply with all comments prior to end of next week (Week 45)

 BLUEHAUS GROUP

 NAME: Imteeaz Goolamhossen
 DATE: 28.10.2021

Submitted By		
ISG Project Manager	Bryan Hernandez	Date: 19-10-2021
ISG Document Control	Mel Gorduliz	Date: 19-10-2021

Approved By	Tick	
Client / Project Manager	Company	
Architect	Name	
MEP Consultant	Signature	Date

FORM REF	AUTHORISED BY	DEPARTMENT	DATE OF ISSUE	ISSUE NUMBER	PAGE NUMBER
CON 204	Construction Director	Construction	February 2019	02	Page 1 of 1

			Request For Sub-Contractor / Supplier Approval	No.	F01-QP9.1-UAE
				Revision No.	1
				Revision Date	Oct. 2017
				Approved by	Nik Rowley

Project :	Bulgari Ocean Villas	Reference No.	BOV-IBLD-114-MEP-PQ-0001
Contract No.	i114	Date :	08-Aug-22
Contractor :	iBUILD Construction L.L.C.	Revision :	1
FROM :	Mones Elsakka - M/s. iBUILD	TO :	Houssein Kaddah - M/s. Khatib & Alami

PLEASE APPROVE THE FOLLOWING AS A SUB-CONTRACTOR IN THE ABOVE MENTIONED PROJECT :

SUB-CONTRACTOR : M/s. Carawan Electrical and Mechanical Works LLC

JOB DESCRIPTION : MEP Works

ADDRESS : P.O. Box: 98684, No. 6 Baghdad Street Warehouse Al Qusais Industrial Area 1

ATTACHMENTS :

COMMERCIAL REGISTER ☐

PREQUALIFICATION ☒

FINANCIAL STATUS : ☐

CURRENT WORK : ☐

OTHERS (LIST ANY)



For Contractor :

SUBMITTED BY : Ahmed Abdelmaksoud

SIGNATURE :

DATE : 08-Aug-22

All requests must be submitted to the Engineer's representative :

RECEIVED BY : Houssein Kaddah

SIGNATURE :

DATE :

Engineer:

☐ A. Approved ☒ B. Approved with Comments ☐ C. Revise and Resubmit ☐ D. Rejected ☐ E. For Information Only

RECOMMENDATION BY ENGINEER'S REPRESENTATIVE :

no object, subject to probation period for proposed engineers for three months.

[Signature] 18/8/2022

Engineer's Rep. :

NAME : Houssein Kaddah

SIGNATURE :

DATE :

[Signature]

18.08.22

This approval does not relieve the Contractor from its obligations outlined in the Contract documents

DISTRIBUTION :

Original : ☐ CONTRACTOR

Copies : ☐ CLIENT ☐ K & A

KHATIB & ALAMI SITE DISTRIBUTION				
TITLE	INITIAL	ACTION	INFO	SIGNATURE
R.E.				
A.R.E.				
C.E.				
C.E.				
C.E.				
E.E.				
M.E.				

CLIENT  DUBAI HOLDING REAL ESTATE	LEAD CONSULTANT  DEC DYNAMIC STUDIO	MAIN CONTRACTOR  DORRA CRC
---	---	---

PREQUALIFICATION SUBMITTAL

Project	:	DPG-0064 Villanova (PA15) La Violeta Phase 1
Client	:	Dubai Holding Real Estate LLC
Consultant	:	DEC Dynamic Engineering Consultants
Contractor	:	Construction & Reconstruction Company

DOCUMENT NO.	REV.	DATE	DISCIPLINE
VLV-P1-CRC-MEP-PQD-0007	01	03rd Feb 2023	MEP

ITEM NO.	DOCUMENT DESCRIPTION
1	Pre-Qualification from M/S Carawan Electrical & Mechanical Works LLC for MEP Works Note; the client recommended the above-mentioned S/C as per Post tender Clarification (attached copy for easy reference)

Note: We certify that the document submitted herewith has been reviewed in detail and is in strict conformance with the contract drawing and specification unless as stated otherwise.

Signature (Contractor's Representative)



Date:

DHRE Comments:

Applicable ☒

Not Applicable ☐

- DHRE have no technical objection on the proposed MEP sub-contractor, since Carawan have demonstrated satisfactory performance and handing over in one DHRE previous project – Roxy Cinemas Dubai hills.
- Financial status & Etihad credit bureau of M/s Carawan shall be reviewed by DEC.
- Details of the authority approvals and the authority approved engineers (DEWA/ DM /DCD) to be provided for review.
- Testing & Commissioning strategy along with organization chart shall be submitted.
- Submit project specific logistics plan to ensure delivery as per project programme.

Name:

Signature:

Date:

DEC Comments:

Name:

Signature:

Date:

DEC Project Director Comments:

- Contractor to ensure that M/S Carawan are in line with the project programme (BLP).
- Contractor to ensure that M/S Carawan comply with all DDA and local Authorities requirements.
- Contractor to ensure that M/S Carawan all supplied material to comply with local authority and project vendor list & specifications.

Name: Mamdouh Farrag

Signature:





Date: 07-Feb-2023

Approval Status Code:

- ☐ A – Approved
☒ B – Approved with Comments
☐ C – Revise & Resubmit
☐ D – Rejected

PO Box 79593
Dubai, U.A.E.

Any Approval, Check, certificate, Consent, Examination, Inspection, Instruction, Notice, Proposal, Request, Test, or similar act by the Client / Consultant (including absence of disapproval) shall not relieve the Contractor from any responsibility he has under the contract, including responsibility for errors, omissions, discrepancies and non-compliances.

	#Contractor Logo
	
PROJECT NAME: 1851 - Beach - Dubai	

Sub-contractor Submittal



Ref. No.	1851-PQN-GEN-0001-00
Rev. No.	00
Date:	30-Sep-2022

DOCUMENT DETAILS


LIST OF ENCLOSURE

Item Description	Prequalification for MEP Works (M/s Carawan Electrical & Mechanical Works LLC)	<input type="checkbox"/> Compliance Statement <input checked="" type="checkbox"/> Company Profile <input checked="" type="checkbox"/> Trade/Commercial License <input type="checkbox"/> Technical Data Sheet <input type="checkbox"/> Test Report <input checked="" type="checkbox"/> Method Statement <input type="checkbox"/> ISO Certification <input checked="" type="checkbox"/> List of Projects Executed <input type="checkbox"/> Catalogue & Data Sheet <input type="checkbox"/> Certificate of Conformity <input type="checkbox"/> Warranty Certificate <input type="checkbox"/> Related Drawings <input type="checkbox"/> Specification Compliance <input type="checkbox"/> Test Certificate <input type="checkbox"/> Photograph of Sample <input type="checkbox"/> Sample <input type="checkbox"/> List of Proposed Items <input type="checkbox"/> Others ()
Category	General	
Scope of Work	MEP Works	
Location		
Specs. Ref.		
BOQ Ref.		
Drawing Ref.		
Material Approval Ref.		
Drawing Approval Ref.		
Pervious Approval Ref.		
Manufacturer/Local Supplier Details		
Reason for Change		
No. of Drawings/ Ref. No.		
Remarks	With previous Emarat approvals for Al Dhaid FS, E2 Stations (Mafreq & Rumailah), Al Atheen & Al Barsha FS, Redevelopment of Ghadeer FS, 5 Stations (Madam R/A, Khawaled, Al Hafira, Meliha Khadeirah 2 & Thuqueibah FS)	



Main Contractor Statement: We certify that the Document submitted herewith has been reviewed in details and is in compliance with the Contract Drawings and specifications except as otherwise stated hereabove.

Main Contractor/Sub-contractor:  Signature & Date:  30-Sep-2022	Received by: Date:
---	---

Emarat Representative's Comments

No objection for M/s Carawan Mechanical and Electrical work subjected to the followings: - All sub-contractor under Carawan shall be submitted their PQ for review and approvals. - Mechanical engineer and Electrical engineer shall assigned to only to this projects - separate and enough manpower and labor shall be assigned for this projects. - M/s Carawan shall be responsible for all authorities requirements to obtain all approvals and final certificates for the scopes the they are handling. - Subjected to final testing commissioning and all authorities acceptance for all systems under M/s Carawan	<input type="checkbox"/> A- Approved <input checked="" type="checkbox"/> B- Approved As Noted <input type="checkbox"/> C- Revise, Resubmit <input type="checkbox"/> D - Rejected
Name: Mohanad Saad 06-10-2022	Signature:  Date:

Corrections or comments made related to submittals during this review do not relieve the contractor from compliance with the contract requirements and specifications and does not constitute a departure from Contract. This check is only for review of general conformance with the design concept of the project and general compliance with the information given in the contract documents.

	Contractor Logo	
		
PROJECT NAME:		Al Barsha - Dubai

Sub-contractor Submittal

Ref. No.	7185-PQN-COR-0001-00
Rev. No.	00
Date:	07-Feb-2022

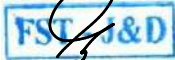
DOCUMENT DETAILS

Item Description	Prequalification for MEP Works (M/s Carawan Electrical & Mechanical Works LLC)
Category	General
Scope of Work	MEP Works
Location	#
Specs. Ref.	#
BOQ Ref.	#
Drawing Ref.	#
Material Approval Ref.	#
Drawing Approval Ref.	#
Previous Approval Ref.	#
Manufacturer/Local Supplier Details	#
Reason for Change	#
No. of Drawings/ Ref. No.	#
Remarks	With previous Emarat approval (Mafreq and Rumailah E2 Stations)

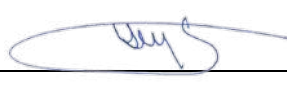
LIST OF ENCLOSURE

- ☐ Compliance Statement
- ☒ Company Profile
- ☒ Trade/Commercial License
- ☐ Technical Data Sheet
- ☐ Test Report
- ☐ Method Statement
- ☒ ISO Certification
- ☒ List of Projects Executed
- ☐ Catalogue & Data Sheet
- ☐ Certificate of Conformity
- ☐ Warranty Certificate
- ☐ Related Drawings
- ☐ Specification Compliance
- ☐ Test Certificate
- ☐ Photograph of Sample
- ☐ Sample
- ☐ List of Proposed Items
- ☐ Others (_____)



Main Contractor Statement: We certify that the Document submitted herewith has been reviewed in details and is in compliance with the Contract Drawings and specifications except as otherwise stated hereabove.

Main Contractor: Engr. Firas Ghosoun/Project Manager Signature & Date:  07-Feb-2022	Received by: Date:
---	-----------------------

Inspection Engineer's Comments and Signature:

regfer to the pq submittal Ref NO 7215PQN-COR-001-00 Date 7/2/2022	<input type="checkbox"/> A- Approved <input checked="" type="checkbox"/> B- Approved As Noted <input type="checkbox"/> C- Revise, Resubmit <input type="checkbox"/> D - Rejected
Signature&Date:	
	
Emarat Representative Engineer's Signature:	Date: 8/2/2022

Corrections or comments made related to submittals during this review do not relieve the contractor from compliance with the contract requirements and specifications and does not constitute a departure from Contract . This check is only for review of general conformance with the design concept of the project and general compliance with the information given in the contract documents.

	Contractor Logo	
		
PROJECT NAME:		Al Atheen - Sharjah

Sub-contractor Submittal

Ref. No.	7215-PQN-COR-0001-00
Rev. No.	00
Date:	07-Feb-2022

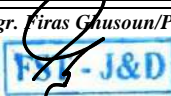
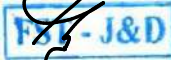
DOCUMENT DETAILS

Item Description	Prequalification for MEP Works (M/s Carawan Electrical & Mechanical Works LLC)
Category	General
Scope of Work	MEP Works
Location	#
Specs. Ref.	#
BOQ Ref.	#
Drawing Ref.	#
Material Approval Ref.	#
Drawing Approval Ref.	#
Previous Approval Ref.	#
Manufacturer/Local Supplier Details	#
Reason for Change	#
No. of Drawings/ Ref. No.	#
Remarks	With previous Emarat approval (Mafreq and Rumailah E2 Stations)

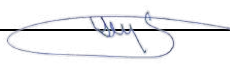
LIST OF ENCLOSURE

- ☐ Compliance Statement
- ☒ Company Profile
- ☒ Trade/Commercial License
- ☐ Technical Data Sheet
- ☐ Test Report
- ☐ Method Statement
- ☒ ISO Certification
- ☒ List of Projects Executed
- ☐ Catalogue & Data Sheet
- ☐ Certificate of Conformity
- ☐ Warranty Certificate
- ☐ Related Drawings
- ☐ Specification Compliance
- ☐ Test Certificate
- ☐ Photograph of Sample
- ☐ Sample
- ☐ List of Proposed Items
- ☐ Others (_____)





Main Contractor Statement: We certify that the Document submitted herewith has been reviewed in details and is in compliance with the Contract Drawings and specifications except as otherwise stated hereabove.

Main Contractor: Engr. Firas Ghosoun/Project Manager		Received by:	
Signature & Date:	 	07-Feb-2022	Date:

Inspection Engineer's Comments and Signature:

organization chart for the project Execution team to be submitted for final acceptance	<input type="checkbox"/> A- Approved
method of statement of the installation T&C shall be submitted for approval	<input checked="" type="checkbox"/> B- Approved As Noted
adequate manpower to be consider to avoid shortage of manpower	<input type="checkbox"/> C- Revise, Resubmit
	<input type="checkbox"/> D - Rejected
Signature&Date:	
	
Emarat Representative Engineer's Signature:	Date: 8/2/2022

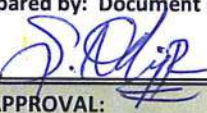
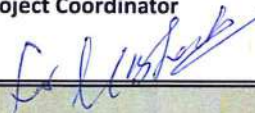

Corrections or comments made related to submittals during this review do not relieve the contractor from compliance with the contract requirements and specifications and does not constitute a departure from Contract . This check is only for review of general conformance with the design concept of the project and general compliance with the information given in the contract documents.

   		CLIENT NBCC DWC LLC	
		ARCH.DESIGN & ENG'G. CONSULTANT C.P. KUKREJA ARCHITECTS	
		DETAIL DESIGN & ENG'G CONSULTANT ARCHITECTURAL CORNER	
		MAIN CONTRACTOR CITY DIAMOND CONTRACTING LLC	


CONSTRUCTION OF INDIAN PAVILION AT WORLD EXPO 2020 ON PLOT NO. C 179 EXPO 2020 SITE, DUBAI - U.A.E.		PREQUALIFICATION/ SUBCONTRACTOR APPROVAL REQUEST		Submittal Ref. # PQR/CDC/NBCC/IPEX20/00018	Rev # 1	Date 12-Dec-19
--	--	---	--	--	-------------------	--------------------------

SUBMITTED/ ATTENTION TO:		DISCIPLINE		<input type="checkbox"/> Architectural <input type="checkbox"/> Civil <input type="checkbox"/> Structural <input type="checkbox"/> Plumbing & Drainage <input type="checkbox"/> HVAC <input type="checkbox"/> Others, Specify	
M/S. NBCC DWC LLC		<input checked="" type="checkbox"/> Electrical			
NAME	Mr. Mohd. Tariq	ATTACHMENTS	<input checked="" type="checkbox"/> Technical Data <input checked="" type="checkbox"/> Catalogue <input type="checkbox"/> Sample List <input type="checkbox"/> Physical Sample <input type="checkbox"/> Drawings <input type="checkbox"/> Prequalification <input checked="" type="checkbox"/> Others, Specify		
SETS OF DOC.	1				
DOC. PRIORITY	<input checked="" type="checkbox"/> Low <input type="checkbox"/> High	RESPONSE REQUIRED	DATE: 22-Dec-19		
SUBJECT Pre-Qualification for CARAWAN ELECTRICAL & MECHANICAL WORKS LLC					


S.NO#	DOCUMENT REF#	DOC.REF	REV#	Remarks
1	APPROVAL REQUESTED FOR : Pre-Qualification For MEP Works			
	Proposed Material : MEP Works			
	Manufacturer : Carawan Electrical & Mechanical Works			
	Supplier/ Subcontractor : Carawan Electrical & Mechanical Works			
	Country of Origin : U.A.E			

MAIN CONTRACTOR ENDORSEMENT OF SUBMITTAL		
Transmittal Prepared by: Document Controller Name & Sign: 	Reviewed by: Project Coordinator Name & Sign: 	Approved by: Project Manager Name & Sign: 
COMMENTS/ APPROVAL:		
NBCC-DWC LLC: Approved as per comment ① The sub vendor should comply fully with the W.W & HSE requirements for Expo ② The vendor should have valid license & document as required throughout the duration of physical ③ The vendor should be an bonded till final NCC approval is obtained from the authorities ④ The work should be done as per the technical specifications given in the contract agreement with NCC	C.P. KUKREJA ARCHITECTS:	ARCHITECTURAL CORNER: The Proposed PR is approved as noted below. ① All Materials shall be as per the Approved ms. ② The work to be carried out strictly under CDC / MEP/Arch Group Supervision (NCC) sub-jected to NBCC Approval

SUBMITTAL STATUS (NBCC - DWC): <input type="checkbox"/> Code A: Approved <input checked="" type="checkbox"/> Code B: Approved with Comments <input type="checkbox"/> Code C: Revise & Resubmit <input type="checkbox"/> Code D: Rejected <input type="checkbox"/> Code E: For Information Only	
--	--



02 JUL 2020

BY: 

Name, Sign & Stamp

Date:

IMPORTANT: Permission to proceed or approval does not relieve the Contractor/ Supplier from full compliance with Contractual obligations and Authority Requirements.

Document Ref #	ECC249-AFA-MD-MEP-019	Rev. 05	Date: 10/09/2018	Sheet :
----------------	-----------------------	---------	------------------	---------

PROJECT	2B+G+5 RESIDENTIAL/COMMERCIAL BUILDING	PROJECT # 249
CLIENT	BAIT AL KHEIR SOCIETY- WAQF	
CONSULTANT	ENGINEERING CONSULTANTS GROUP (ECG)	
CONTRACTOR	EAST COAST CONTRACTING & TRADING L.L.C	DATE :10/09/2018

APPLICATION FOR APPROVAL

TO : ECG	ATTN: PROJECT MANAGER
----------	-----------------------


CONTRACTOR'S PROPOSAL

APPLICATION FOR:	<input type="checkbox"/> DESIGN	<input type="checkbox"/> QA/QC STATEMENT (M.S)	<input type="checkbox"/> SAMPLE
APPROVAL OF:	<input type="checkbox"/> WORKING DRAWING	<input type="checkbox"/> MATERIALS	<input type="checkbox"/> TEST REPORT
	<input type="checkbox"/> PREQUALIFICATION DOC.	<input type="checkbox"/> EQUIPMENT	<input type="checkbox"/> OTHER

TITLE & DESCRIPTION: Pre-qualification for Carawan Electrical and Mechanical Works (MEP SUB-CONTRACTOR)

LOCATION :

ORIGINATED: United Arab Emirates	REF TO CONTRACT DOCUMENT:
SUPPLIED BY: Carawan Electrical Works .	BOQ ITEM NO.:
INSTALLED BY:	SPEC. SECTION & CLAUSE:
	DRAWING REF. NO.:

CONTRACTOR'S CONFIRMATION:	CONTRACTOR:	ECG RECEIVED:
<input type="checkbox"/> CONFIRMS TO SPECIFICATIONS		
<input type="checkbox"/> CONSIDERED TO BE EQUAL / BETTER THAN SPECIFIED	SIGNATURE: Box 55482	SIGNATURE
<input type="checkbox"/> REASON FOR ALTERNATIVE	DATE: 09/10/2018	DATE

ECG APPROVALS / COMMENTS

<p>No objection For proposed MEP subcontractor subject to approval of site Engineering staff subject to client final approval 17/9/18</p>	<input type="checkbox"/> APPROVED (A)
	<input checked="" type="checkbox"/> APPROVED AS NOTED (AAN)
	<input type="checkbox"/> REVISE & RESUBMIT (R&R)
	<input type="checkbox"/> REJECTED (R)

FOR ECG	RECEIVED BY EMPLOYER REP:
NAME: Qasim Sali	NAME :
TITLE: Resident Engineer	SIGNATURE:
SIGNATURE:	DATE :
DATE: 09/10/2018	

EMPLOYER REPRESENTATIVE APPROVAL / COMMENTS

<p>* No objection subject to comply with consultant comment</p> <p>* Contractor to submit authority registration certificate for</p>	<input type="checkbox"/> APPROVED (A)
	<input checked="" type="checkbox"/> APPROVED AS NOTED (AAN)
	<input type="checkbox"/> REVISE & RESUBMIT (R&R)
	<input type="checkbox"/> REJECTED

EMPLOYER REP: Dm and	TITLE: DEWA.	SIGNATURE :	DATE:
----------------------	--------------	-------------	-------

RECEIVED BY CONTRACTOR	NAME	TITLE	DATE
SIGNATURE:	Firas	S.MEP.M	14/10/2018

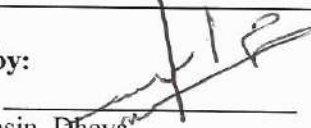
APPROVAL VIDE THIS DOCUMENT SHALL NOT IN ANY WAY RELIEVE THE CONTRACTOR OF HIS RESPONSIBILITIES FROM THE COMPLIANCE TO THE CONTRACT CONDITIONS AND THE SPECIFICATIONS NOR ENTITLE HIM FOR ANY VARIATION CLAIM.

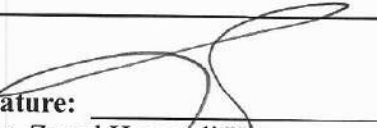
ECG-OPN-ISF20/R0/15.08.2016

* Refer to our comments marked on the attached sheet.




Project: (2B+G+5+R) R/C Building-Al Karama			
Client:	   		
COMMENTS SHEET		Ref:	ECC249-AFA-MD-MEP-019
		Rev:	5
		Date:	10-Sep-2018

Engineers Comments:
Title & Description: Pre-Qualification for Carawan Electrical & Mechanical Works (MEP SUB-CONTRACTOR)
Status: (AAN) Approved As Noted
General Comments:
<ol style="list-style-type: none"> Pre-Qualification & Company profile of M/s CARAWAN MEP subcontractor has been reviewed and recommended in principle as following: <ol style="list-style-type: none"> From the company profile, company organization chart/management, number of employers, and ongoing/completed projects we thought they can achieve this project. Form the insurance policy issued showing the company has good No. of staff & enough employees. Company has many certificates and appreciations; the company prequalified from M/s EMAAR, M/s RTA & M/s TAKREER. Good experience of providing similar service. Main contractor is fully responsible for the project and sub-contractor. Subcontractor has to execute the works according to the project time program, specification, and design drawings & authorities' rules, regulations & requirements. M/s CARAWAN to obtain all necessary authorities approval for MEP works. ECG recommended M/s CARAWAN MEP sub-contractor for the Bait Al Kheir Society project. To submit the prequalification with supervision staff & work program officially after client acceptance & approval. Contractor to submit performance bond for completion the MEP works as project requirement. Subject to client review & approval to carry out the MEP works for the Bait Al Kheir Society project (Subject to client comments and acceptance).
<p>9- All the testing & Commissioning works must be carried out by 3rd Party with full compliance to Contract Specs. ECC to submit the 3rd Party for ECG review & approval as per the Contract Specs</p>

Approved by:
Signature: 
Eng. Mohsin Dheyab
Principal Electrical Engineer

Signature: 
Eng. Zeyad Hamodi Hass
Principal Mechanical Engineer

Date: 09 October 2018

The Employer 	The Engineer  HEAD OFFICE: Dubai, U.A.E. - P.O. Box 839 Tel: 04-3024899 Fax: 04-3024888 www.algurg.net	The Contractor  J&D Gulf Contracting (L.L.C.)
Upgrading of (2) Filling Stations (Garhoud & Nad Al Hamar) in Dubai for Emirates General Petroleum Corporation (Emarat)		

SUB-CONTRACTOR APPROVAL SUBMITTAL

Ref. No.: **D.S.S.M-001**
 Date: **11-Aug-20**

Main Contractor:	J&D Gulf Contracting L.L.C.	<div style="border: 1px solid black; padding: 10px; display: inline-block;">FST J&D</div>
Project Manager:	Firas Ghushon	
Signature & Date:	11-Aug-20	

WE REQUEST APPROVAL OF THE FOLLOWING SUBCONTRACTOR:

☐ Architectural
 ☐ Civil/Structural
 ☐ Services
 ☒ Other (MEP)

Name of Sub-Contractor: CARAWAN Electrical & Mechanical Works (Pre-Qualification)	Specified <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Equivalent
Nature of Work: MEP Works	Spec. Ref. Vol. IV -Part 1&2
Scope: MEP Works	BOQ Ref. Vol. II-BOQ-MEP Woks Relevant Drawings Addenda

Attachments:

General Information	<input checked="" type="checkbox"/> Included
Test Disciplines	<input type="checkbox"/> Included
Quality Policy	<input checked="" type="checkbox"/> Included
Location Map	<input type="checkbox"/> Included
Organization & Resources	<input checked="" type="checkbox"/> Included
Completed Projects	<input checked="" type="checkbox"/> Included
Financial Information	<input type="checkbox"/> Included

CONSULTANTS
 11 AUG 2020
 RECEIVED

CONSULTANT'S COMMENTS:

* Proposed sub contractor (CARAWAN) is accepted subject to compliance with project specification, local authorities rules and regulations.
 * Sub contractor is responsible for obtaining necessary construction authority approval.
 * Propose your site MEP Engineers for interview prior execute the work at site.

☐ Approved with No Objection
 ☒ Approved with Comments
 ☐ Not Approved

Al Gurg Consultant Resident Engineer's Signature:	Date:
--	--------------

Client Comments & Signature:

	FST J&D 20 AUG 2020 RECEIVED
--	---

Corrections or comments made relative to submittals during this review do not relieve the contractor from compliance with the contract requirement and specifications. This check is only for review of general conformance with the design concept of the project and general compliance with the information given in the contract documents.

8/29/2020

RE: Carawn PQ MEP subcontractor - Akram Baig Mogal

RE: Carawn PQ MEP subcontractor

Hani Wahbi <Hani_Wahbi@emarat.ae>

Thu 8/27/2020 12:32 PM

To: Mohamed Mazen Kayed <mohamed.kayed@algurg.net>; Ahmed Mohamed Rashad El-Emam <c-me_ahmed@Emarat.ae>; Maher Ibrahim Ateiah <c-maher@Emarat.ae>;

Cc: Mohammed Abumeteir <mohammed.abumeteir@algurg.net>; Akram Baig Mogal <akram.mogal@algurg.net>; Alby Joshua <alby.joshua@algurg.net>; Tamer Eltaher Abdeljalel Mohamed <tamer.mohamed@algurg.net>; Mahmoud Tala'at Ganem <mahmoud.ganem@algurg.net>; Arshad Mudassir Khan Pathan <arshad.pathan@algurg.net>; Safa Basil Ismail Boshnak <safa.ismail@algurg.net>; Wissam Ahmed Atwat <Wissam.Atwat@algurg.net>;

Greetings,

Approved as per consultant comments.

From: Mohamed Mazen Kayed <mohamed.kayed@algurg.net>

Sent: Thursday, August 20, 2020 10:43 AM

To: Hani Wahbi <Hani_Wahbi@emarat.ae>; Ahmed Mohamed Rashad El-Emam <c-me_ahmed@Emarat.ae>; Maher Ibrahim Ateiah <c-maher@Emarat.ae>

Cc: Mohammed Abumeteir <mohammed.abumeteir@algurg.net>; Akram Baig Mogal <akram.mogal@algurg.net>; Alby Joshua <alby.joshua@algurg.net>; Tamer Eltaher Abdeljalel Mohamed <tamer.mohamed@algurg.net>; Mahmoud Tala'at Ganem <mahmoud.ganem@algurg.net>; Arshad Mudassir Khan Pathan <arshad.pathan@algurg.net>; Safa Basil Ismail Boshnak <safa.ismail@algurg.net>; Wissam Ahmed Atwat <Wissam.Atwat@algurg.net>

Subject: Carawn PQ MEP subcontractor

WARNING: This email originated outside of EMARAT. Exercise CAUTION!

Dear Eng. Hani:

Please find the Link below for CARAWN PQ as MEP subcontractor for AL-Garhoud and Nad AL- Hammer stations for your review and approval.

Link: <https://we.tl/t-UXol5rSPXI>

BEST REGARDS,

Eng. Mohamed Mazen Kayed
Mechanical Engineer (AL-GURG CONSULTANT)
Site : EMarat Stations
Office : +971 4 302 4999
Mob : +971556075719
Email : Mohamed.kayed@algurg.net
Website: www.algurg.net

P.O Box: 810 , Dubai United Arab Emirates

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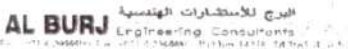



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Any views expressed in this message are those of the individual sender, except where the sender specifically states them to be the view of the company.

This email was Malware checked by UTM 9.
Al Gurg Consultants Main Office

PREQUALIFICATION SUBMITTAL

Consultant : Al Burj Engineering Consultants 		Client : Emirate National Oil Company Ltd. (ENOC) L.L.C. 	Main Contractor : 
Project: Construction of ENOC Filling Station at Al Qarayan 1 Plot No. 0372, UAQ UAE			
<input type="checkbox"/> SAMPLE <input type="checkbox"/> TECHNICAL DATA <input type="checkbox"/> FOR TEST <input type="checkbox"/> FOR INFORMATION			
REFERENCE No.	PQ-ENOC-GEN-001		
MANUFACTURER:			
SUPPLIER:	CARAWAN ELECTRICAL & MECHANICAL WORKS		
DESCRIPTION:	MEP WORKS		
LOCATION TO BE USED:	All Areas		
SPEC. REFERENCE NO:			
DATE OF SUBMISSION:	20-April-2022		
CONTRACTOR PROJECT MANAGER: FIRAS GHUSON  FST J&D			
AL BURJ ENGINEERING CONSULTANT'S RESPONSE			



CODE-A APPROVED ☐ CODE-B APPROVED WITH COMMENTS ☒ CODE-C NOT APPROVED ☐ CODE-R RESUBMIT ☐

Comments : - comply with all the shown comments on the attached sheet.

28-05-2022

① M/s CARAWAN to prepare below shop drawings for consultant review & approval. - Subject to ENOC's approval.

a) MEP Co-ordination layout (Plant room, C Store Roof & Inside)

b) Builder's Work drawing

CIVIL ENGINEER

STRUCTURAL ENGINEER

ELECTRICAL ENGINEER

MECHANICAL ENGINEER

c) MEP Co-ordination drawing (Under ground)

RE-SIGNATURE :

Date: 02.06.2022




Approved as noted subject to the following comments.

1. Conditional approval for 1303 project packages. After successful completion of 1303 only we will approve for further projects.



2. ENOC standards & specifications to be strictly followed.

①

8/7/2022

The Employer 	The Engineer  HEAD OFFICE: Dubai, U.A.E. - P.O. Box 830 Tel: 04-3024999 Fax: 04-3024888 www.algurg.net	The Contractor  شركة دايمنود للمقاولات د.م.م. CITY DIAMOND CONTRACTING
Proposed Three Filling Stations in Dubai for Emirates General Petroleum Corporation (Emarat) - Al Ghanayem (Plot No 8610260), Al Greyteesah (Plot No 9417180) and Wadi Al Shabak (Plot 4310107)		

SUB-CONTRACTOR APPROVAL SUBMITTAL	Ref. No.: SC-MEP-001
	Date: 3-Jan-19

Main Contractor:	City Diamond Contracting LLC.
Project Manager:	Ahmed Jamal
Signature & Date:	 

WE REQUEST APPROVAL OF THE FOLLOWING SUBCONTRACTOR:

☐ Architectural
 ☐ Civil/Structural
 ☒ Services
 ☐ Other (**MEP**)

Name of Sub-Contractor : Carawan Electrical & Mechanical Works	Specified <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Equivalent
Nature of Work: MEP Work	Spec. Ref. LOI
Scope: MEP Work	BOQ Ref. Page Relevant Drawings Addenda

Attachments:

General Information	<input checked="" type="checkbox"/> Included
Test Disciplines	<input checked="" type="checkbox"/> Included
Quality Policy	<input checked="" type="checkbox"/> Included
Location Map	<input checked="" type="checkbox"/> Included
Organization & Resources	<input checked="" type="checkbox"/> Included
Completed Projects	<input checked="" type="checkbox"/> Included
Financial Information	<input type="checkbox"/> Included

CONSULTANT'S COMMENTS:

* Proposed Subcontractor is Accepted Subject to Compliance of Project Specification, Local Authorities rules & regulations
 * Subcontractor is Responsible For obtaining necessary Construction Authority Approvals
 * Propose Your Site MEP Engineers For Interview Prior to execute work at site

☐ Approved with No Objection
 ☒ Approved with Comments **3/1/2019**
☐ Not Approved

Al Gurg Consultant Resident Engineer's Signature: 	Date: 6/1/2019
---	---------------------------------

Client Comments & Signature:

Corrections or comments made relative to submittals during this review do not relieve the contractor from compliance with the contract requirement and specifications. This check is only for review of general conformance with the design concept of the project and general compliance with the information given



LOLC 50 YEARS

س.س. لوتاه للمقاولات (ذ.م.م)

S.S. LOOTAH CONTRACTING CO. (L.L.C.)

Ref: SSL/FUR/P2/CRWN/15/011

Date: 7th June 2015

M/s. Carawan Electrical & Mechanical Works

P.O. Box # 98684

Dubai - United Arab Emirates

Tel: 04-2583305

Fax: 04-2583306

Email: info@carawanmep.com

ATTENTION : Mr. Taher Mohamad
Project Manager

PROJECT : 3 Residential Buildings (G+P+10F) on Plot# AFRA 005, 006 & 011
at Al Furjan, Dubai.

SUBJECT : Pre-Qualification of MEP Subcontractor - Carawan Electrical & Mechanical Works

Dear Sir,

With reference to above mentioned project/subject, please find attached DTF-019-R1 dated 24/05/2015, consultant's has approved your Pre-Qualification as MEP Subcontractor.

Kindly be informed that consultant's approved your prequalification submittal with comments "Status B". You are requested to comply with consultant comments.

This is for your information, record and necessary action.

Thanking you,

For *S. S. Lootah Contracting Co. L.L.C.*


Gouda Abou El Makarem
Project Manager

Attachments: (as above)

Cc: Engr. Ali Aboul Kheir – M/s. SS Lootah Contracting



المكتب الرئيسي: ص.ب: ٥٥٣، دبي - ا.ع.م. هاتف: ٢٩٧٢٢٢٢ ٤ ٩٧١، فاكس: ٢٩٧١١٢٩/٢٧٧٢ ٤ ٩٧١

أبوظبي: ص.ب: ٤٣٥١٢، هاتف: ١٣٢٧٨٧٧ ٤ ٩٧١، فاكس: ١٣٢٦٤٢٦ ٤ ٩٧١، الشارقة: ص.ب: ٢٣٠٥٢، ا.ع.م. هاتف: ١٥٥٣٠٧١٣ ٤ ٩٧١، فاكس: ١٥٥٣٠٧١٥ ٤ ٩٧١

Head Office: P.O. Box: 553, Dubai - United Arab Emirates. Tel.: +971 4 297 2222, Fax: +971 4 2971129/2772

Abu Dhabi: P.O. Box: 43562, Tel.: +971 2 6327877, Fax: +971 2 6326426, **Sharjah:** P.O. Box: 23052, Tel.: +971 6 5530713, Fax: +971 6 5530715

E-mail: sslootah@sslloodah.com, www.sslloodahgroup.com

PROJECT TITLE:

CONSTRUCTION OF 3 RESIDENTIAL BUILDINGS (G+11F) PLOT AFRA 005, 006 & 011 AT AL FURJAN COMMUNITY, DUBAI

CLIENT or EMPLOYER:
(Azizi Investments LLC)

CONSULTANT or ENGINEER:

CVTEC

CONTRACTOR:
(S.S. Lootah Contracting Co. LLC)

S.S. LOOTAH CONTRACTING CO. LLC

DOCUMENT TRANSMITTAL FORM

DTF. No. 019 - Rev. No. 0

Date: 24-May-15

From: S.S. LOOTAH CONTRACTING CO. LLC

To: CVTEC CONSULTING ENGINEERS

☒ First Submission☐ Further Submission

Previous DTF Ref:

Date:

Sr. No.	Document No.	Description	Rev.	Copies	Approval Category
1		Pre-Qualification of MEP Subcontractor – Carawan Electrical & Mechanical Works	0	3+2CD	

CONTRACTOR REVIEW CHECK LIST (✓ Tick as applicable)

☐ Civil /Architectural
 ☒ Mechanical / Plumbing
 ☒ Electrical
 ☐ Others

THIS SUBMITTAL IS INTENDED FOR (✓ Tick as applicable)

☒ APPROVAL / COMMENTS☐ AS PER YOUR REQUEST

YOUR INFORMATION / RECORDS

YOUR NECESSARY ACTION

NAME:
Gouda Abou El MakaremDESIGNATION:
Project Manager

SIGNATURE:

DATE:
24-May-15

For CLIENT / CONSULTANT:

Approval Code- (A)	Approval Code- (B)	Approval Code- (C)	Approval Code- (D)
<input type="checkbox"/> Approved	<input checked="" type="checkbox"/> Approved with Comments	<input type="checkbox"/> Incorporate Comments, Revise and Resubmit	<input type="checkbox"/> Not Approved

Comments: ① The Conditional approval of this pre qualification, is based on following and Subject to full Compliance by M/s CARAWAN:-

- ① ALL pending items mentioned in M/s CARAWAN letter Ref: CRWN-LET-206/15/04 dated 31st May 2015 attached with M/s Lootah's letter Ref: SSL-A211/CVT/047/15 dated 1st June 2015 attached with pre qualification.
- ② The proposed project's director has no experience in project execution and both staffs shall be subject to performance review during project execution by the engineer / C.V. Tel Consulting Engineers.
- ③ The proposed list of resources is indicative and the Contractor shall be full responsible for any additional resources in order

NAME:
EISINGERDESIGNATION:
PD

SIGNATURE:

DATE:

Form No.: CVT/DTF/R0/120614

(please refer attached sheet)

04-05-2015



Comments Cont....

3- to complete the project as per conditions of the contract and duration.

4- MS Carawan to attached/ submit CV of a QA/QC engineer for the project and subject to CV Tec approval.

5- The contractor's performance shall be reviewed by the CV Tec during the project execution and subject to approval.

6- List of major materials/ items is indicative only and subject to CV Tec review and approval as MAR during material submittal of the project.

7- The contractor shall submit project quality plan and shall be subject to engineer's approval.

8- The contractor shall be full responsible for all project health & safety and increase safety requirements during project execution based on safety audit conducted by CV Tec.

9- Subject to compliance with all items mentioned in our letter Ref. CVT-P023-2015-RE-L-056-05-15-ST dated 28th May 2015.

Jai P. Chauhan
4.06.2015

Jai P. Chauhan

Project Manager (MEP)



PROJECT TITLE: Construction Of Hotel Apartments Building Project at AFRA001,003 Al Furjan Community, Dubai -Uae

Client or Employer:- Azizi Investments

AZIZI
Investments

CONSULTANT or ENGINEER:



Contractor:- Al Kaitoob Bldg. Cont. LLC



DOCUMENT TRANSMITTAL FORM

DTF. No. 0057 - **Rev. No.** 0

Date: 16/03/2016

From: AL KAITOOB BUILDING CONTRACTING

To: CVTEC CONSULTING ENGINEERS

☒ **First Submission**

☐ **Further Submission**

Previous DTF Ref:

Date:

Sr. No.	Document No.	Description	Rev.	Copies	Approval Category
I	P004/CARAWAN/ EM/GEN/PREQ/00 57	Prequalification Submittal for M/s Carawan Electrical and Mechanical Works as MEP Subcontractor	0	3Hc +2Cd	

CONTRACTOR REVIEW CHECK LIST (✓ Tick as applicable)

☒ Civil / Architectural ☐ Mechanical / Plumbing ☐ Electrical ☐ Others

THIS SUBMITTAL IS INTENDED FOR (Tick as applicable)

☒ **APPROVAL/ COMMENTS**

☐ **YOUR INFORMATION / RECORDS**

☐ **AS PER YOUR REQUEST**

☐ **YOUR NECESSARY ACTION**

For CONTRACTOR:

NAME:
El Sayed Mohammed

DESIGNATION:
Project manager

SIGNATURE:

DATE:
15/03/2016

For CLIENT / CONSULTANT:

Approval Code- (A)

Approval Code- (B)

Approval Code- (C)

Approval Code- (D)

☐ **Approved**

☒ **Approved with Comments**

☐ **Incorporate Comments, Revise
and Resubmit**

☐ **Not Approved**

Comments:

Kindly refer to the attached comments
dated 30.3.2016.

RECEIVED
30 MAR 2016

BY: [Signature]

NAME:

Hashem Tella

DESIGNATION:

Mech. eng

SIGNATURE:

DATE:

29/03/2016



CV/EC CONSULTING ENGINEERS

Consultant Comments

Project : B+G+2Podium+10 Floors (Residential Building),
Al Furjan, Dubai – U.A.E, On Plot No.: AFRA 001 and 003

Date: 30/3/2016

Sub.Ref,
MAR 057
Rev.00

Subject: Prequalification Submittal for M/s Carawan Electrical & Mechanical Works as
MEP Subcontractor

- a. Approval is given M/s Carawan as MEP subcontractor subject to the following:
- b. Capability of M/s Carawan to provide the adequate number and type of resources at different stages of work, without any impact on their performance at projects of phase 2.
- c. Prompt response and optimum performance.
- d. Compatibility of MEP work program with the main baseline program of the project.
- e. Separate submission for propose set staff with origination chart.
- f. The EHS cards not shown, to be added.
- g. Copy from DEWA approved electrical engineer card to be provided
- h. Copy from DCD approved electrical engineer card (subcontractor).
- i. The MEP contractor is fully to responsible about the following:
 - Achieve all authority regulation and required.
 - Ensure from shafts opening, services room area and any inaccurate data.
 - Update all MEP authority NOC (DEWA Substation NOC , DEWA Electrical load NOC, DEWA water NOC, DCD, SS LOOTAH GAS, NOC for LPG, Trakhees NOC for HVAC and Nakheel NOC for FIC.
 - Handing over all the MEP system to Trakhees, EHS , DCD, DEWA and DM.
 - Validation and review the MEP design and NOC's.

This is for your information and necessary action.

Date: 30/03/2016

Rashed Mani
30.3.2016



TECHNICAL SUBMITTAL

Subtl. #: **NSS-RTA-TS-054**

Rev.

00

Project Name : Nas Safari – Nad Al Shebah

Project Code: CTSS/BUF/VIP/017

TO : **Road & Transport Authority (RTA)**

Priority : ☒ High ☐ Medium ☐ Low

Date Submitted : **18 Feb 2015**

FROM : **Kele Contracting LLC**

Response Required By :

Specification / BOQ Ref. / Drawing No.:

Alternate If any No.:

Discipline: ☒ Arch ☐ Struct ☐ Mech ☐ Elec. ☐ Plumb
☒ Land. ☐ Other

Floor:

Dept. :

ENCLOSURES:

- ☐ Technical Data ☐ Test Reports ☐ O & M Manual (Prel.)
☐ Samples ☐ Calculations ☐ O & M Manual (Final)
☐ Compliance Statement ☐ Warranty ☐ Schedule
☒ Others (Specify)

Pre-qualification Documents

☒ Issued For Approval

☐ Issue For Information / Records

DESCRIPTION:

Pre-Qualification for MEP WORKS – CARAWAN Electrical & Mechanical Works LLC

Attachments:

MANUFACTURER:

SUPPLIER:

CARAWAN Electrical & Mechanical Works LLC

Only One Item per Submittal is recommended

We confirm that the material hereby submitted is suitable for the conditions of use and conforms with the contract specifications and all applicable codes, standards and statutory requirements. We confirm that no variation in the contract sum is implied or claimed by this submittal sheet. Acceptance of this material submittal does not alter in any way whatsoever our contractual or common obligations and responsibilities. Where the submittal is in any way in variance with the specification, such variations must be identified and brought to the attention of the Engineer or Engineer's representative on this form. The Engineer's acceptance will be invalidated if such variations are not identified.

Main Contractor :

[Signature]

Date: **18-02-2015**

ENGINEER'S COMMENTS :

ISSUE / RECEIVE STAMPS

- * Exclude Firefighting work which to be Done By approved DCD contractor.
* exclude complete fire alarm / Para System Scope. ✓
* See our comments on the attached paper. other

Attachments:

☐ A - Approved ☒ B - Approved with comments ☐ C - Rejected ☐ D - Reviewed for Information only

For and on behalf of the Engineer

[Signature]

Date: **24.2.2015**

STATUS :

The Engineers comments shall not relieve the Contractor of any of his responsibilities under the Contract.

Copied To:

Received for Contractor :

Date:

Project : CTSS/BUF/VIP/017 NAD AL SHEBA SAFARI
Subject : Pre-Qualification
Submittal # : NSS-RTA-TS-054 Rev.:00
Description : MEP Works
Company : CARAWAN Electrical & Mechanical Works LLC

RTA's Comments:

- Main contractor is fully responsible for the project and subcontractor.
- Subcontractor has to work according to the project time program, Specifications and RTA instructions.
- Subcontractor has to submit all necessary samples, shop drawings, method statement, guarantees and get approvals before execution.
- In case of provisional sum items, main contractor must submit at least 3 quotations from different companies for the same item.
- This approval doesn't give any rights for extra time or cost.

For RTA : Project Manager: Hatem Ahmed Elokaily
Date : 24/2/2015





برنامج محمد بن راشد
للتعلم الذكي
Mohammed Bin Rashid
Smart Learning Program

CERTIFICATE *of* APPRECIATION

Mohammed Bin Rashid Smart Learning
Program awards this Certificate To

**Carawan Electrical & Mechanical
works LLC.**

In sincere recognition and appreciation for your
support, dedication and highly esteemed
contribution



United Arab Emirates

Mohammed Gheyath
Director General of the Program

FACSIMILE MESSAGE



To : M/s. Carawan Pioneer Electrical & Mechanical Contracting LLC.
Attn.: Mr. Abdul Majeed Al Khadrawy - General Manager

Fax No.: 6229597
Abu Dhabi

From : Procurement Support Department Manager

Fax No.: 6027442

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

Ref. No. : TKR/5/S/506 /FES/2012

Date : 09 FEB 2012

Subject : REGISTRATION & PRE-QUALIFICATION STATUS

This has reference to your Prequalification documents received on 06.02.2012. Please be informed that your company **M/s. Carawan Pioneer Electrical & Mechanical Contracting LLC. - Abu Dhabi**, is registered in TAKREER records as a *Contractor*. However, the prequalification of your company's capabilities is subject to satisfactory completion of our pre-qualification process, which will be scheduled as per TAKREER requirements in future.


You are advised to quote your Registration No. **908884** in all your future correspondence.

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

1. Commercial Licenses, issued by *Department of Planning & Economy*.
2. Membership Certificate, issued by *Abu Dhabi Chamber of Commerce*.

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

Regards,


Hashim Al Hashemi

**If you do not receive all the pages,
Please call Telephone: (9712) 6027479**

No. of pages to follow:

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

الرقم : الإدارة/132/B3

التاريخ : 31 يناير 2011م

السيد / مدير جهاز حماية المنشآت والمرافق الحيوية المحترم

تحية طيبة وبعد ،

الموضوع : تسهيل مهمة

يرجى التفضل بالموافقة والإيعاز لجهة الاختصاص لدى دائرتكم الموقرة لتسهيل مهمة السادة الموضحة بياناتهم أدناه بالحصول على التصاريح الأمنية اللازمة وفقا للبيانات التالية :

المقاول الرئيسي	شركة هونداي للهندسة والإنشاءات
مقاول الباطن	شركة مجموعة محمد المعجل - أبوظبي
رقم العقد	UO/09/B3/0034
مدة العقد	31 ديسمبر 2014م
طبيعة العمل	أعمال الإنشاءات المدنية والهندسية لبناء وحدة مرافق إمداد الطاقة والمياه والخدمات الرئيسية وربطها بموارد الطاقة الخارجية "مشروع بروج 3"
منطقة العمل	مصنع الشركة بمنطقة الرويس الصناعية
عدد الأشخاص	200 شخص
عدد المركبات	20 مركبة + 20 معدة
صلاحية التصاريح	إعتبارا من تاريخ الإصدار ولغاية 29 يناير 2012م

وتفضلوا بقبول وافر التقدير ،،،



فاضل محمد الهاملي

نائب الرئيس التنفيذي للموارد البشرية والإدارة





سنة العقد	2011	رقم العقد	96350	الملف المرجعي	3/132	طبيعة العقد	بري
رمز الشركة	3943	شركة مجموعة محمد المعجل - ابوظبي					
تاريخ البدء	11/02/03	ولغاية تاريخ	12/01/29	جهة التعاقد	بروج		
تاريخ اصدار رخصة تجارية	10/10/07	تاريخ انتهاء الرخصة التجارية		11/10/07			
تاريخ اصدار شهادة العضوية	10/10/19	تاريخ انتهاء شهادة العضوية		11/10/18			
العدد المسموح به		العدد المستخدم		العدد المتبقى			
200		0		200			
40		0		40			
0		0		0			
0		0		0			
تصاريح العاملين							
تصاريح المركبات							
تصاريح السفن							
تصاريح التصوير							

وصف الموقع

م.بروج الرئيس الصناعية

الفتح الثاني / 4935

رئيس قسم التراخيص والتصاريح الامنية
احمد محمد سالم الزيودي





سنة العقد	2011	رقم العقد	108613	الملف المرجعي	3/400	طبيعة العقد	بري
رمز الشركة	4353	كروان الريادية للمقالات الكهربائية والميكانيكية ذم م					
تاريخ البدء	11/09/22	ولغاية تاريخ	12/01/29	جهة التعاقد	بروج		
تاريخ اصدار رخصة تجارية	11/01/19	تاريخ انتهاء الرخصة التجارية		12/01/18			
تاريخ اصدار شهادة العضوية	11/06/15	تاريخ انتهاء شهادة العضوية		12/04/04			
العدد المسموح به		العدد المستخدم		العدد المتبقى			
25		0		25			
4		0		4			
0		0		0			
0		0		0			
تصاريح العاملين							
تصاريح المركبات							
تصاريح السفن							
تصاريح التصوير							

وصف الموقع

م. بروج الرويس الصناعية

الرقم 5395 / أ



Certificates & Approvals

- Certificates



شهادة تسجيل مقاول باطن

Registration No :

رقم التسجيل : 151667

Commercial Name :

الإسم التجاري : كروان للأعمال الكهربائية و الميكانيكية

Address :

الإمارة : دبي

Phone :

الهاتف : 042583305

PO . Box :

ص . ب : 98684 - دبي

Fax :

الفاكس : 042583306

Registration Fields :

مجال التسجيل : مقاول باطن - أعمال كهربائية وميكانيكية

مقاول باطن للأعمال الكهربائية للفئة الرابعة و بعد أقصى 1200 كيلووات لمشاريع الوزارة شريطة تقديم الشركة
شهادة تسجيل سارية المفعول من الهيئة الكهربائية المختصة بمنطقة المشروع لاتقل عن تصنيف الوزارة

Issue Date :

تاريخ الإصدار : 14/01/2015

Expire Date :

تاريخ الإنتهاء : 13/01/2016

Receipt No. & Date :

رقم الإيصال وتاريخه : 150000631697 - 06/01/2015



*Note: - This certificate issued by Ministry of Public Works and it does not need any signature or formal stamp.
- This certificate is canceled in case the trade license is expired

* ملاحظة : - هذه الشهادة صادرة من وزارة الأشغال العامة ولا تحتاج الى توقيع أو ختم رسمي.
- تعتبر هذه الشهادة لاغية في حال انتهت صلاحية الرخصة التجارية.

CERTIFICATE OF REGISTRATION



PEERS QUALITY
ASSURANCE LTD

This is to certify that

CARAWAN ELECTRICAL & MECHANICAL WORKS LLC

Of

P.O.BOX. 98684 - WAREHOUSE NO.6, BAGDHAD ST, OPPOSITE OF NEW MINISTRY OF
LABOUR, INDUSTRIAL AREA No.1, AL QUSAIS, DUBAI, UNITED ARAB EMIRATES

Operates a Quality Management System which has been assessed as conforming to:

ISO 9001:2015

For the Scope of Activities:

Installation of Total MEP (Mechanical, Electrical and Plumbing) Works
Electromechanical Equipment Installation and Maintenance Works
Electrical, Mechanical and Plumbing Fit-Out Works

Certificate Number: UAE/5/2472764658
Date of Initial Assessment: 03/06/2022
Date of Registration: 09/06/2022
Date Re-Issued: N/A
Date of Expiry: 09/06/2025

Certificate approved by:

Chris McMillan - Managing Director
Peers Quality Assurance Limited

This Certificate remains the property of
Peers Quality Assurance Limited
Suite 2, Austin Court
Walsall Road
Four Oaks
Sutton Coldfield
B74 4QY England
www.pqal.co.uk

For verification of this certificate, please contact the PQAL UK Office



CERTIFICATE OF REGISTRATION



PEERS QUALITY
ASSURANCE LTD

This is to certify that

CARAWAN ELECTRICAL & MECHANICAL WORKS LLC

Of

P.O.BOX. 98684 - WAREHOUSE NO.6, BAGDHAD ST, OPPOSITE OF NEW MINISTRY OF
LABOUR, INDUSTRIAL AREA No.1, AL QUSAIS, DUBAI, UNITED ARAB EMIRATES

Operates an Environmental Management System which has been assessed as conforming to:

ISO 14001:2015

For the Scope of Activities:

Installation of Total MEP (Mechanical, Electrical and Plumbing) Works
Electromechanical Equipment Installation and Maintenance Works
Electrical, Mechanical and Plumbing Fit-Out Works

Certificate Number: UAE/5/2726967199
Date of Initial Assessment: 07/06/2022
Date of Registration: 09/06/2022
Date Re-Issued: N/A
Date of Expiry: 09/06/2025

Certificate approved by:

Chris McMillan - Managing Director
Peers Quality Assurance Limited

This Certificate remains the property of
Peers Quality Assurance Limited
Suite 2, Austin Court
Walsall Road
Four Oaks
Sutton Coldfield
B74 4QY England
www.pqal.co.uk

For verification of this certificate, please contact the PQAL UK Office



CERTIFICATE OF REGISTRATION



PEERS QUALITY
ASSURANCE LTD

This is to certify that

CARAWAN ELECTRICAL & MECHANICAL WORKS LLC

Of

P.O.BOX. 98684 - WAREHOUSE NO.6, BAGDHAD ST, OPPOSITE OF NEW MINISTRY OF
LABOUR, INDUSTRIAL AREA No.1, AL QUSAIS, DUBAI, UNITED ARAB EMIRATES

Operates a Health & Safety Management System which has been assessed as conforming to:

ISO 45001:2018

For the Scope of Activities:

Installation of Total MEP (Mechanical, Electrical and Plumbing) Works
Electromechanical Equipment Installation and Maintenance Works
Electrical, Mechanical and Plumbing Fit-Out Works

Certificate Number: UAE/5/2734367274
Date of Initial Assessment: 07/06/2022
Date of Registration: 09/06/2022
Date Re-Issued: N/A
Date of Expiry: 09/06/2025

Certificate approved by:

Chris McMillan - Managing Director
Peers Quality Assurance Limited

This Certificate remains the property of
Peers Quality Assurance Limited
Suite 2, Austin Court
Walsall Road
Four Oaks
Sutton Coldfield
B74 4QY England
www.pqal.co.uk

For verification of this certificate, please contact the PQAL UK Office



Project Photo Executed



Photos of Executed Projects By Carawan



Project Name : The Address Luxury Resort & Spa, Fujairah

Client : Eagle Hills

Services : MEP



Photos Of Executed Project By Carawan



Project Name : Roxy Cinema At Dubai Hills Mall

Client : Roxy Cinemas-Dubai Holding/Meraas

Services : MEP Services



Photos Of Executed Project By Carawan



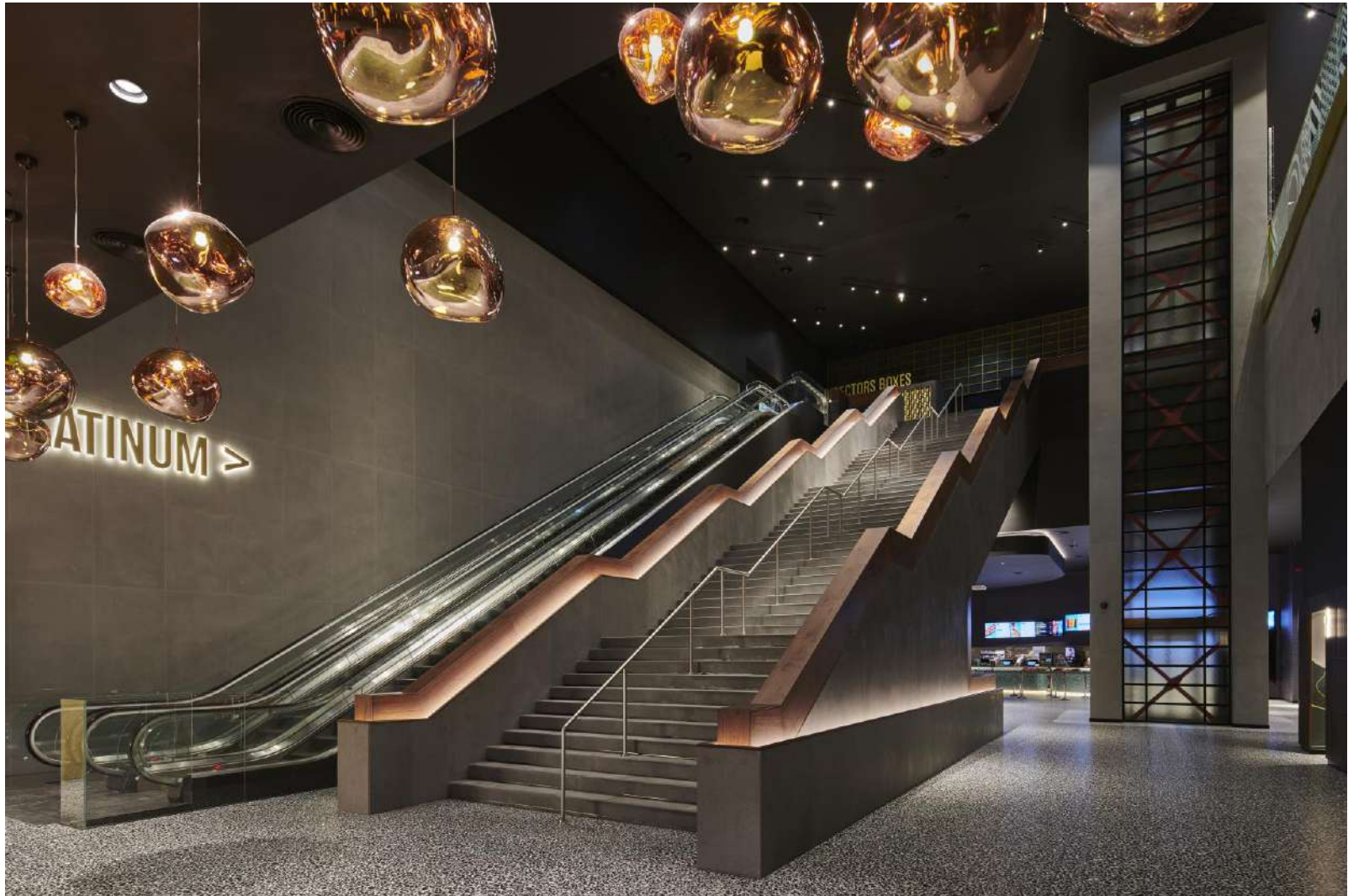
Project Name : Roxy Cinema At Dubai Hills Mall

Client : Roxy Cinemas-Dubai Holding/Meraas

Services : MEP Services



Photos Of Executed Project By Carawan



Project Name : Roxy Cinema At Dubai Hills Mall

Client : Roxy Cinemas-Dubai Holding/Meraas

Services : MEP Services



Photos Of Executed Project By Carawan



Project Name : Roxy Cinema At Dubai Hills Mall

Client : Roxy Cinemas-Dubai Holding/Meraas

Services : MEP Services



Photos Of Executed Project By Carawan



Project Name : Roxy Cinema At Dubai Hills Mall

Client : Roxy Cinemas-Dubai Holding/Meraas

Services : MEP Services



Photos Of Executed Project By Carawan



Project Name : Roxy Cinema At Dubai Hills Mall

Client : Roxy Cinemas-Dubai Holding/Meraas

Services : MEP Services



Photos Of Executed Project By Carawan



Project Name : Firmenich At Dubai Science Park

Client : Firmenich

Services : MEP Services



Photos of Executed Projects By Carawan



Project Name (2B+G+5)Building At Karama,UAE

Client :Beit Al Khair Society

Services : MEP



Photos of Executed Projects By Carawan



Project Name : Commercial And Residential Building(B+G+2P+10 Floors+Roof)

Dubai Client : Beit Al Khair Society

Services : MEP Services



Photos of Executed Projects By Carawan



*Project Name :E –Fulfillment Center(EZ Dubai)@logistics District Of Dubai South-
Dubai World Central Corporation*

Dubai Client : Dubai South

Services : MEP Services



Photos of Executed Projects By Carawan



Project Name : Al Dhaid Filling Station In Sharjah

Dubai Client : EMARAT

Services : MEP Services



Photos of Executed Projects By Carawan



Project Name :Sajjaa Filling Station In Sharjah

Dubai Client : EMARAT

Services : MEP Services



Photos of Executed Projects By Carawan



Project Name : *Arabian Ranches II – Reem Community 216 Town houses* **Client :** *Emaar Properties PJSC* **Services :** *Electromechanical*



Photos of Executed Projects By Carawan



Project name: MEYDAN GRAND STAND

Client: MEYDAN PROPERTIES

services: ELECTROMECHANICAL



Photos of Executed Projects By Carawan



Project Name : 3 Residential Building(G +11) Al Furjan Project

Client : Asisi Investments LLC

Services : Electromechanical



Photos of Executed Projects By Carawan



Project Name : G + P + 10 Typ Residential Building At Al Furjan, Dubai

Dubai Client : Azizi Investment

Services : MEP Services



Photos of Executed Projects By Carawan



Project Name G + P + 10 Typ Residential Building At Al Furjan, Dubai

Dubai Client : Azizi Investment

Services : MEP Services



Photos of Executed Projects By Carawan



Project Name : G + P + 10 Typ Residential Building At Al Furjan, Dubai

Dubai Client : Azizi Investment

Services : MEP Services



Photos of Executed Projects By Carawan



Project Name G + P + 10 Typ Residential Building At Al Furjan, Dubai

Dubai Client : Azizi Investment

Services : MEP Services



Photos of Executed Projects By Carawan



Project Name : Etihad Office at Masdar City, Abu Dhabi

Client : Etihad Airways

Services : Electromechanical



Photos of Executed Projects By Carawan



Project Name : Proposed Almutakamela Vehicle Testing Centre At Al Quoz Second 365, Dubai

Client : Almutakamela

Services : MEP Services



Photos of Executed Projects By Carawan



Project Name : Daman Insurance Head Quarter

Client : Daman Health Insurance

Services : HVAC



Photos of Executed Projects By Carawan



Project name: REEL CINEMA (DUBAI MALL)

Client: EMAAR PROPERTIES

services: Electromechanical



Photos of Executed Projects By Carawan



Project name: SEGA REPUBLIC (DUBAI MALL)

Client: EMAAR PROPERTIES

services : Electromechanical



Photos of Executed Projects By Carawan



Project name: KIDZANIA (DUBAI MALL)

Client: EMAAR PROPERTIES

services: Electromechanical



Photos of Executed Projects By Carawan



Project Name: LABS AND BUILDINGS FOR SHAIKH KHALIFAH FARMS

Client: HOUBARA INTERNATIONAL FUND

Services: ELECTROMECHANICAL



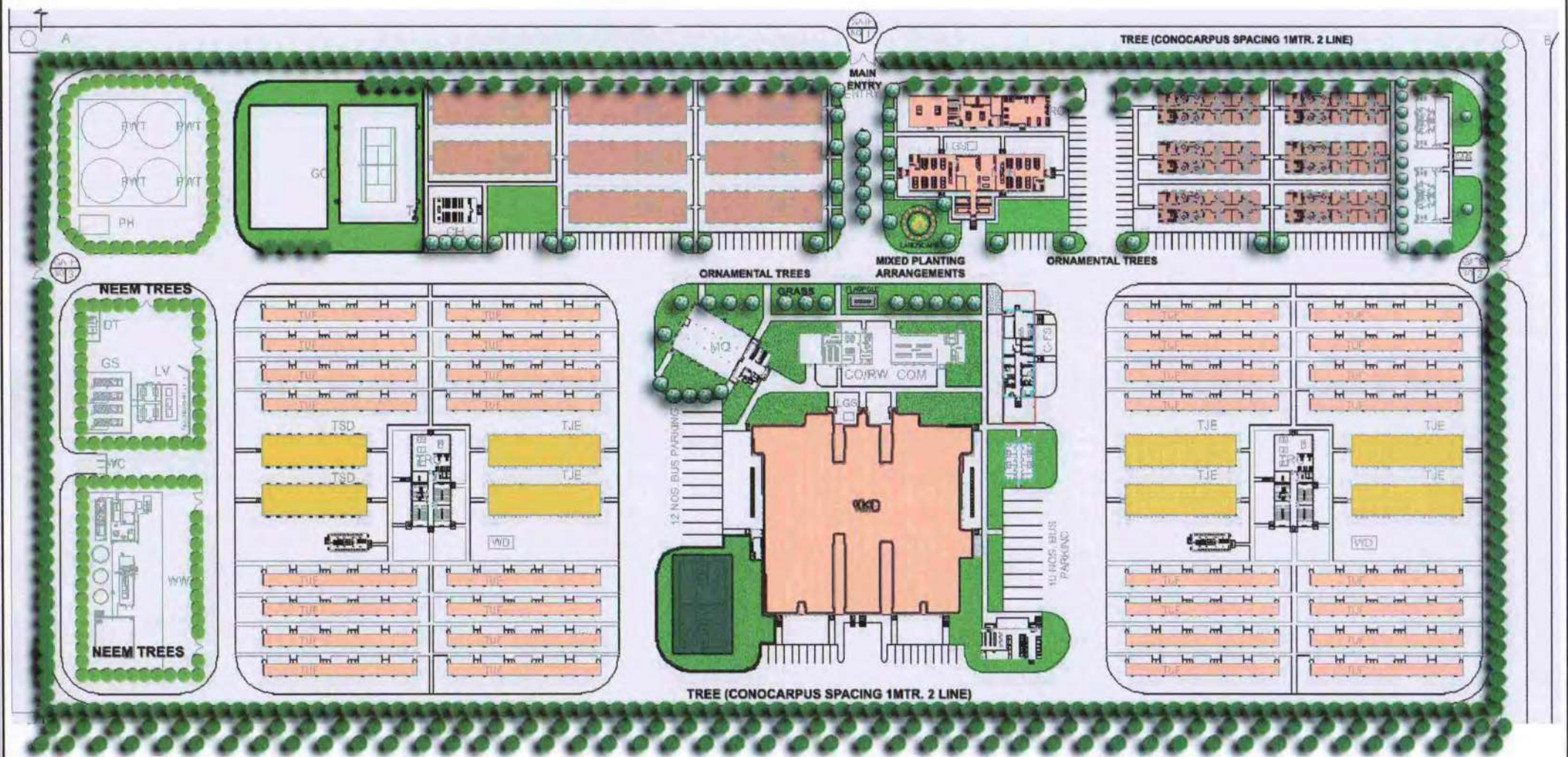
Photos of Executed Projects By Carawan




Project Name: CAMP OF BOROUGE 3 U & O

Client: HYUNDAI

services: ELECTROMECHANICAL



Owner :	Project Title :	Developer :	Main Consultant :	Main Contractor :	MEP Contractor :
 <p>HIGHER CORPORATION FOR SPECIALISED ECONOMIC ZONES Industrial City, Musaffah, Abu Dhabi, UAE, P.O.Box 36000 Tel: 02-5500000 Fax: 02-5500550</p> <p>المؤسسة العليا للتخصصية القتصادية Higher Corporation For Specialised Economic Zones</p>	 <p>Borouge SHAPING THE FUTURE WITH PLASTICS</p> <p>Abu Dhabi Polymers Company Limited (Borouge) شركة البتروكيمياويات المحدودة (بوروج) Camp of Borouge 3 Utilities & Offsites</p>	 <p>HYUNDAI ENGINEERING & CONSTRUCTION</p> <p>P.O. Box 294424, Hafeet, Abu Dhabi U.A.E. Tel.No. 971-2-8082623 Fax No. 971-2-8082774</p>	 <p>MARK HABRE AND ASSOCIATES ARCHITECTURAL AND ENGINEERING CONSULTANTS</p> <p>P.O. Box 44380 Abu Dhabi U.A.E. Tel.No. 971-2-6744524 Fax No. 971-2-6744525</p>	 <p>مجموعة محمد المعجل MOHAMMAD AL-MOJIL GROUP MMC Abu Dhabi Branch فرع أبوظبي</p> <p>P.O. Box 128939 Abu Dhabi U.A.E. Tel.No. 971-2-6437170 Fax No. 971-2-6437160</p>	 <p>CARAWAN PIONEER ELECTRICAL & MECHANICAL CONTRACTING (L.L.C.)</p> <p>P.O. Box 94313 Abu Dhabi U.A.E. Tel.No. 971-2-6229596 Fax No. 971-2-6229597</p>



Photos of Job-In-Hand Projects By Carawan



***Project Name : Masood Naqvi Mosque at Emirates Hills Client : Islamic Affairs & Charitable Activities
Department -Masjid-Jama***

Services : Electromechanical



Photos of Executed Projects By Carawan



Project name: Sadar School

Client: Musanada

services: Electromechanical



Photos of Executed Projects By Carawan



Project Name : Emirates College

Client : Musanada / ADEC

Services : Electromechanical



Photos of Executed Projects By Carawan



Project Name : Shamma School

Client : Musanada / ADEC

Services : Electromechanical



Photos of Executed Projects By Carawan



Project name: Alamin School

Client: Musanada / ADE

services: Electromechanical



Photos of Executed Projects By Carawan



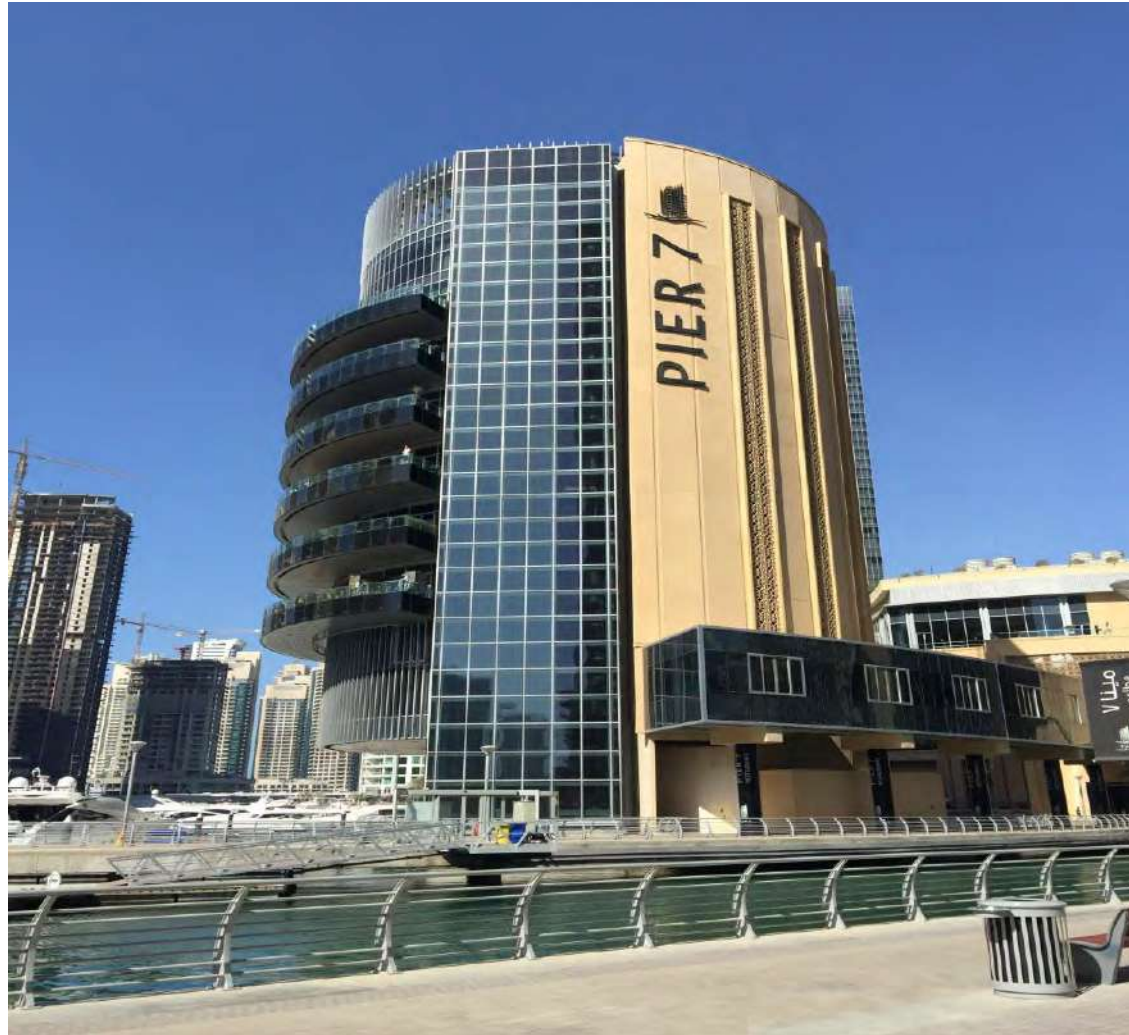
Project name: Bus Depot

Client: Department of Transportation (Abu Dhabi) DOT

Services: Electromechanical



Photos of Executed Projects By Carawan



Project Name : Pier 7 at Dubai Marina Mall

Client : EMAAR

Services : BMS & HVAC



Photos of Executed Projects By Carawan



Project Name: EMAAR BOULIVARD TOWER

Client: AEDAS LIMITED

Services: ELECTRICAL AND PLUMBING



Photos of Executed Projects By Carawan



Project name: ALRAZI CLINICS

Client: DUBAI PROPERTIES

services: Electromechanical



Photos of Executed Projects By Carawan



Project name: MODIFICATION OF 10TH & 17TH FLOORS

Client: DAMAC PROPERTIES

services : Electromechanical



Photos of Executed Projects By Carawan



Project name: 64 PAVILLION AT KIDZANIA (DUBAI MALL)

Client: EMAAR PROPERTIES

services : Electromechanical



Photos of Executed Projects By Carawan



Project name: Two VILLAS (G+1)

Client: MR. AHMAD HILLA

services : Electromechanical



Photos of Executed Projects By Carawan



Project name: VILLA (B+G+1)

Client: MR. Khalid bin killi

services : Electromechanical



Photos of Executed Projects By Carawan



Project name: VILLA (G+1) WITH S.B

Client: MR. JABER ALHARBI

services : Electromechanical



Photos of Executed Projects By Carawan



Project name: VILLA (G+1) WITH S.B

Client: MR. YAQOUB ALTAMIMI

services : Electromechanical



Photos of Executed Projects By Carawan



Project name: VILLA (G+1)

Client: MR. NADER ALMUHAIRI

services : Electromechanical



Photos of Executed Projects By Carawan



Project name: TWO VILLAS (G+1)

Client: Mrs. MARYAM & MUZA

Services : Electromechanical



Photos of Executed Projects By Carawan



Project name: VILLAS (G+1)

Client: MR. MARAWAN ALHAMMADI

Services : Electromechanical



Photos of Executed Projects By Carawan



Project name: VILLAS (G+1)

Client: MR. SULAIMAN ALHAMMADI

Services : Electromechanical



Photos of Executed Projects By Carawan



Project name: VILLAS (G+1) WITH S.B

Client: MR. ABDULJALEEL ASMAWI

Services : Electromechanical



Photos of Executed Projects By Carawan



Project name: OUTBACK RESTAURANT

Client: OUTBACK STEAKHOUSE COMPANY

Services: Electromechanical



Photos of Executed Projects By Carawan



Project name: GARLICO'S RESTAURANT

Client: GARLICO'S COMPANY

Services : Electromechanical



Photos of Executed Projects By Carawan



Project name: DUNKIN DONUTS (WARQA CENTER)

Client: GHALADARI COMPANY

Services: Electromechanical



Photos of Executed Projects By Carawan



Project name: 2B+G+8TYP. (JUMEIRAH PALM)

Client: NAKHEEL

Services : Electromechanical



Photos of Executed Projects By Carawan



Project name: 2B+G+5TYP. (Deira DUBAI)

Client: ESSA ALZUBAIDI

Services: Electromechanical



Photos of Executed Projects By Carawan



Project name: Labor camp (G+2) MUHAISNAH

Client: ALSHAFFAR CONTRACTING

Services: Electromechanical



Photos of Executed Projects By Carawan



Project name: Labor camp (G+1) MUHAISNAH

Client: ALHABBAI CONTRACTING

Services : Electromechanical



Photos of Executed Projects By Carawan



Project name: Labor camp (G+1) MUHAISNAH

Client: ALHABBAI CONTRACTING

Services: Electromechanical



Photos of Executed Projects By Carawan





Photos of Executed Projects By Carawan





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Photos of Executed Projects By Carawan





Photos of Executed Projects By Carawan





Photos of Executed Projects By Carawan





Photos of Executed Projects By Carawan





Photos of Executed Projects By Carawan





Photos of Executed Projects By Carawan



Project name: Entertainment Center (DUBAI MALL)

Client: EMAAR PROPERTIES

services: Electromechanical



Photos of Executed Projects By Carawan



Project name: Entertainment Center (DUBAI MALL)

Client: EMAAR PROPERTIES

services: Electromechanical



Photos of Executed Projects By Carawan



Project name: MEYDAN GRAND STAND

Client: MEYDAN PROPERTIES

services: ELECTROMECHANICAL



Photos of Executed Projects By Carawan



Project name: MEYDAN GRAND STAND

Client: MEYDAN PROPERTIES

services: ELECTROMECHANICAL



Photos of Executed Projects By Carawan



*Carawan Staff along with Dubai Mall
Entertainment Staff*

Client: Client: EMAAR PROPERTIES

services: Electromechanical



Photos of Executed Projects By Carawan



Project name: Kidzania (DUBAI MALL)

Client: EMAAR PROPERTIES

services: Electromechanical



Photos of Executed Projects By Carawan



Project name: Entertainment Center (DUBAI MALL)

Client: EMAAR PROPERTIES

services: Electromechanical

Statement Of Capabilities

STATEMENT OF CAPABILITIES

We **M/s.Carawan Electrical And Mechanical Works** possesses capabilities to undertake the following services:

- ▶ **Planning & Coordination**
- ▶ **Designing & Estimation**
- ▶ **Electrical lighting installations**
- ▶ **Electrical power distribution installations**
- ▶ **HVAC installations**
- ▶ **Public Health Installations (plumbing& Drainage system)**
- ▶ **Testing & Commissioning**
- ▶ **Operation & Maintenance**
- ▶ **Engineering Calculation**
- ▶ **Equipment Selection**
- ▶ **Method Statements**
- ▶ **Material Submittals**
- ▶ **Shop Drawings, Section, & details**
- ▶ **Schematic Drawings And CSD Drawings**
- ▶ **Procurement And Inspection**
- ▶ **Installation And Project Management**
- ▶ **As Build Record Drawings & Manuals**



Statement Of Methodology & Process



CARAWAN

MEP PROJECT METHODOLOGY



MEP PROJECT METHODOLOGY

Detailed programming of all MEP Works activities will be prepared in full coordination with the main contractors programme. Builder's Works drawings will be prepared to show all openings sleeves and cast in items, Wherever necessary back up calculations will be prepared and submitted to Consultant. For Specialist equipment a suitably qualified specialist subcontractor will be used.

Working Shop Drawings

Working drawings will be prepared for relevant items and equipment. They will be coordinated with other services and works. Working drawings will be prepared in accordance with the requirements of the contract and the statutory regulations by the local service authorities for electricity, water, drainage, telephone and civil defense. The Working Shop Drawings will be submitted to the consultant for approval and also to the local authorities or service authorities where applicable. Relevant authorities will be kept informed about the methods of construction and their approval shall be obtained as necessary. Workings drawing will be prepared well ahead of the related construction work to allow enough time for review and comment by the consultant, or service authority.

Material Submission & Approval

Materials of construction to be incorporated in the works will be submitted for approval in proper format approved by the consultant. Priority will be given to approval of materials that are required for enabling works as well as chiller and transformers. Special attention will be given to storage of materials during the course of the contact covered areas will be used for products which need protection from sunlight and weather conditions. dedicated contraction teams will adequate supervisors will be allocated to the various designated areas based on CPM and available areas.

AIR CONDITIONING CONSTRUCTION STRATEGY

DUCT FABRICATION

Duct Work will be fabricated using a computerized design and fully equipped sheet metal manufacturing plant. The following procedure will be used for the fabrication of the ductwork.

- Drawing review by fabricator
- Prepared printout showing types of pieces, number of pieces, area and weights
- Separate standard straight pieces
- Run AutoCAD optimization programme for best utilization for fitting shape.
- Data transferred to operator for cutting machine
- Marketing and cutting pieces for ducts
- Lock forming and auto flanging



- Folding assembly of pieces to duct
- Dimensional Shape, quality and inspection
- Labeling of items delivery to site.

Ductwork Installation :

Ductwork will be delivered from the fabrication area when required in a coordinated manner as follow :

- Mark out support locations at duct work based on working drawings.
- Drill holes in concrete element. Fix anchors and drop rods.
- Connect duct pieces in appropriate lengths and widths between support rods.
- Lift and raise ducts from floor to support level manually for small sections or mechanically for larger sections.
- Fix angle supports and nuts to support duct at correct level.
- Connect more pieces in appropriate lengths and install at desired level
- Connect adjacent duct sections by slip joints or angle flanges as specified with sealant or gasket as appropriate.
- Fix necessary accessories such as VCD's, FD's, VAV's , Access Door, Vents, and Fans
- Carry out pressure test to check for leakage monitor with suitable instrument
- After approval of coordinated reflected full ceiling drawings commence installation of flexible ducts and air terminal devices.

DUCTWORK INSULATION

After ducts have been satisfactorily tested for leakage, insulation work will be carried out

- Clean the external surface of the duct to remove grease, moisture or deleterious material
- Apply specified adhesive in surface of ducts at the manufacturers recommended application rate.
- Fix self-adhesive stickpins on spot welded pins at the specified intervals
- Cut and prepare insulation board pieces in required sized according to manufacturer's recommendations to prevent compression of insulation to less than 75% of its nominal thickness. Fix the same on the duct surface with the help of stickpins and previously applied adhesive, ensuring that the edges are straight and closely butted.
- Fix the retaining speed washer on the stickpins/ spotter pins.
- Seal the joints and seams with vapors barrier mastic where required as per the specifications
- Seal the joints of insulation by aluminum foil adhesive tapes
- Apply the first coat of vapors barrier wrap with canvass/glass cloth and then apply second coat of vapor barrier.
- Apply insulation continuously through walls and partitions except fire rated walls and partitions
- For fire rated wall and partition penetrations, terminate insulation at fire damper sleeves



ALUMINUM CLADDING OF INSULATED DUCT AND PIPES

Cut the aluminum sheets of specified thickness to make boxes of the required size between the surfaces of the canvas cloth, wrap on the top of the insulation with brush. Fit boxes of aluminum over insulated ducts and pipes. Rivet on longitudinal and transverse blots and further if required with waterproof of sealants.

CHILLED WATER PIPE INSULATION

Ensure pipes of correct specified type with appropriate documentation and cerification

- Remove end caps clean and paint with red oxide
- Drill holes in concrete slab and fix anchors and drop rods and per approved working drawings.
- Fix pipe hangers and install pipes
- Pipe connections may be either welded or flanged and belted dependent on the specification
- For welded pipes approved welder will be used
- Fix valves in pipes
- Carry out pressure testing of the pipe
- After successful pressure testing carry out insulation / Cladding work
- Prior to testing and balancing of chilled water system treat pipe with recommended chemicals and flush with water

PLUMBING

During the foundation and concreting stage of the civil works, suitable approved sleeves will be provided in the beams, slabs, and columns. The underground drainage work will be carried out simultaneously with the progress of the civil works. Proper slopes will be maintained and the pipeline will be checked for water tightness by subjecting the pipes to required pressure as given in the contract documents. All the drainage pipe work in the horizontal run will be supported.

- Adequate traps will be provided with water seal. Pipeline passing through fire barriers will have fire stopping sleeves. Standard method of construction as specified in contract documents will be followed. Special care will be taken safely aspect during execution
- During installation and handing pipe and things will be closed by arid caps to avoid the ingress of dust and dirt
- Plastic pipes will be stored in a covered area to avoid deterioration due to expose to UV sunlight
- Installation levels will be taken as those defined in the drawing and specification of construction contract.
- A check will be made with the municipality of statutory authority for their relevant level system arid benchmark to ensure coordination with the discharge drainage
- Buried pipe work will be carried not in coordination with the external civil works
- External installation connections to municipal drainage department will be offered to inspection by the relevant authority



- Adequate clean out and traps will be provided unless specified elsewhere in the contract.
- Copper pipes will be joined by the silver brazing method and testing of joints will be carried out in accordance with the contract
- Prior to delivery and installation of sanitary ware a trial mock up installation will be prepared and offered for review and approval by the consultant
- All Fire Fighting installation will be submitted for approval by the civil defense department and water supplied pipe will be flushed and disinfected in accordance with the contract requirements

ELECTRICAL WORKS METHODOLOGY

The program for the sequence and coordination electrical and construction work activity will be based on the main activities shown below

Electrical Activities

- Lay underground ducts or sleeves
- Place sleeves box out in concrete slabs
- Fix conducting DB and outlet boxes in wall recesses.
- Surface conduit
- Fix shade or cable trunking
- Fix surface DBS and SMDB's
- Install wiring, cabling & power cabling
- Install suspended ceiling
- Fit surface lighting fixtures
- Fix UPS
- Fix fire alarm devices and wiring accessories
- Fix recess light fixtures
- Fix Lighting control system
- Install bus bars
- Install MDB's
- Install OG sets & associated works.
- Install transforms and HT cabling
- Install earth pits
- Testing

The installation of electrical equipment can be briefly summarized as under to be followed by electrical engineer team :

- Underground sleeves for electrical services will be commenced during earthwork and ground preparations.
- Concealed conduits, Sleeves/ducts etc. in slabs and walls will be installed during the slab concreting and wall construction i.e. block work



- Cable support system which includes the cable trays, trunking etc. installation will commence after the slabs are ready and in coordination with the other services i.e. mechanical, plumbing and firefighting.
- DB's SMDB's and MDB's installation will commence after the designated walls and electrical rooms are complete in almost air respect of dell activities.
- Circuit wiring and cabling work is carried out after the completion of structural and block work including plastering
- Installation of lighting fixtures, FA System and ELV equipment will be after completion of the painting activity.
- External works including earthing, lighting protection and external lighting will commence with the preparation of land fertile landscaping and roadwork.
- All the above works are to inspected by the concerned authorities immediately after completion of each activity to ensure that all the specifications are complied during the installation and the installation is carried out as per the manufacturers guidelines.
- Testing will be carried out progressively after each activity. Final testing will be carried out prior to handover.
- Initially the project consultant will carry out inspection testing and this will be followed by inspection by the local power authority.
- Incoming power supply by the local power Authority (the service connection) will be given when the latter completes the associated works.

COMMISSIONING STRATEGY

- Detailed method statement will be prepared specifically identifying sequence of testing and commissioning at least 60 days prior commencement of testing works
- During the stage detail schedule of activities regarding testing and commissioning will be prepared.
- Contractor will wherever specifically required appoint independent testing agency, which specializes in the balancing, testing and commissioning of ventilating and air conditioning.
- All instruments used by that agency will be accurately calibrated and maintained in good working order.
- All rest certificates for instruments will be issued before approval of commencement of testing works
- All testing procedure will comply with the specification and relevant commission codes.
- Testing agency will provide guarantee according to the specification.



METHOD STATEMENT

1.0	PROJECT NAME:	PROJECT NO:
1.1	COMPANY: CARAWAN	WORKS PACKAGE:
1.2	TITLE/TASK:	REV No: 00
1.3	DATE OF ISSUE:	CONTACT:

2.0	PROPOSED START DATE:		PROPOSED WORKING HOURS:
2.1	EXPECTED DURATION:		
2.2	EXACT LOCATION (S): ATTACH PLAN		
2.3	DOCUMENT PREPARED BY:		
2.4	<div style="display: flex; justify-content: space-between;"> <div style="width: 40%;"> <p style="text-align: center;">SCOPE / METHODOLOGY</p> <p style="text-align: center; color: green;">SAFE PERFORMANCE SELF ASSESSMENT SPSA</p> <p style="text-align: center;">A THREE STEP HAZARD AND RISK TOOL</p> <div style="display: flex; justify-content: space-between;"> <div style="width: 30%; color: red;">ASSESS</div> <div>THE RISK</div> </div> <div style="display: flex; justify-content: space-between;"> <div style="width: 30%; color: red;">ANALYZE</div> <div>HOW TO REDUCE THE RISK</div> </div> <div style="display: flex; justify-content: space-between;"> <div style="width: 30%; color: red;">ACT</div> <div>TO ENSURE SAFE OPERATION</div> </div> </div> <div style="width: 55%;"> <p style="text-align: center;">DETAILED METHOD STATEMENT ATTACHED</p> <p>Receiving Inspection Procedure</p> <ul style="list-style-type: none"> Check physical condition and quantity against delivery note. Ensure any deficiencies are documented and any damaged or unsuitable material is quarantined. <p>Storage Procedure</p> <ul style="list-style-type: none"> Ensure that material storage area is secure. Ensure that material is stored in line with manufacturers recommendations with due regard to temperature, humidity etc Ensure that any hazardous materials are segregated and all safety and fire precautions are in place and maintained.. </div> </div>		



2.5	SCOPE / METHODOLOGY:CONT
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3.0 3.1	No OF PERSONNEL/JOB TILTLE (NAMES IF APPLICABLE): COMPETENCIES REQUIRED FOR TASK; E.G. CSCS, CPCS, PASMA, IPAF, SLINGER/SIGNALLER	
	3.2 SUPERVISOR (WITH CONTACT No):	

3.3 3.4 3.5 3.6 3.7	PLANT / EQUIPMENT/TOOLS: This section is purely a list of plant and equipment that it is proposed to use on site. It may be useful to include dimensions, weights etc. This box can then be referred to later when specific risk assessments are attached for the various operations/activities. Copies of Plant/Equipment will be required including competency certification for all Operative.	
	MATERIALS: A comprehensive list of materials is to be entered here. This will highlight which COSHH Assessments and Health & Safety Data Sheets should be attached to the Method Statement.	
	TECHNICAL INFORMATION: Any information that is critical to the safety of the project; this may include elements of the structural engineer's reports, previous Health & Safety plans, any design drawings or specifications that may be available.	
	WASTE REMOVAL: How will waste be removed from site? Consider location of skips, provision of bins and what collection arrangements will be put in place	All waste generated will be removed on a regular basis and disposed off in accordance with local laws and regulations This will be done by utilising mechanical means wherever practicable to reduce manual handling Waste pins in corridor of each floor will be used
	HOUSEKEEPNG: How will materials be stored on site	All materials will be stored safely away from any access/egress routes, leading edges and fire escapes routes. All waste will be cleared as work progresses wherever practicable and at the end of each work day.

4.0	RISK ASSESMENTS ATTACHED: A list of potential significant hazards has been generated. Tick those applicable to the task and address in the full risk assessment	RISK (Tick as appropriate)		RISK(Tick as appropriate)	
		Manual Handling	Y	Delivery	Y
		Transport hazards	N	Third party interface issues	N
		Sharp edges & punctures	Y	Slips and trips	Y



4.1	Insert a list of other hazards not already identified and address these in the full risk assessment	Only Hazard Observed		
4.2	COSHH: Data sheets req for all materials listed in Section 3.4. Chemical and fuel spillage controls.			
4.3	MANUAL HANDLING: What activities req manual handling	Can Manual handling be avoided	Insert 'yes' or 'no' below	
		Are the operatives trained in Manual handling	NO	
		Are the Manual handling Risk Assessments attached	YES	
4.4	NOISE/DUST/VIBRATION: What activities will generate noise, dust or vibration? These activities must be addressed in the risk assessment	Drilling works.		
4.5	ACCESS / EGRESS: Describe access, both on to site and to the workplace once on site. Reference should be made to road names, width restrictions, entry/exit points, suitability for unloading, restrictions on stopping, parking etc. On site consideration should be given to one-way circuits and the separation of pedestrians and vehicular traffic. This section could also be used to describe availability of on- and off-site parking for contractors. Consideration of movements of material, operatives, vehicles, waste.	THE JOB / ACTIVITY WILL BE ARRANGED AND DONE IN A WAY THAT THE ACCESS AND EGRESS OF THE SITE WILL NOT BE BLOCKED IN ANY FORM.		

5.0	PERMITS REQUIRED: YES / NO	YES
5.1	PERMIT TYPE: EG. Hot works, permit to dig, confined space, live electrical works, etc	General works permit, Live electrical, Hot works permit
5.2	ISSUED BY:	CARAWAN
5.3	SECURITY ARRANGEMENTS:	Wherever possible all materials and equipment will be stored securely. Any small tools that cannot be locked away or secured to prevent unauthorised use will be removed from site.



5.4	<p>SPECIAL TRAINING: Outline clearly activities requiring specialist training that are going to take place on site. If a certain standard of training is required, then ensure it is detailed here. E.g. abrasive wheels and cartridge operated tools, harnesses and lanyards will require copies of certification.</p>	
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6.0	MANDATORY SITE PPE	Hard Hat / Safety Footwear / Hivis Clothing / Gloves (Min req 4343)/ Light Eye Protection
6.1	TASK SPECIFIC PPE: Identified as per risk assessment.	SAME AS ABOVE

7.0	EMERGENCY ARRANGEMENTS FOR:	
7.1	<p>RESCUE: This should include address, phone number and details of the nearest accident and emergency hospital. It may also show routes or directions on how to reach it. Also show on-site arrangements for first aid, including names and locations of first aiders and where the first aid kit is held. Any other rescue eg harness, man baskets, crane driver, and confined spaces.</p>	EMERGENCY CONTACT NUMBERS ARE FULLY VISIBLE ON SITE.
7.2	<p>FIRST AID (QUALIFIED PERSON): All accidents are to be reported and recorded in the accident book</p>	

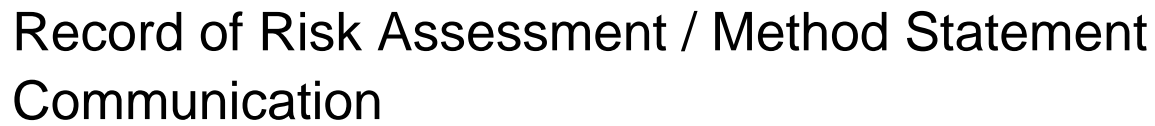
8.1	<p>PEDESTRIAN / TRAFFIC REROUTING ARRANGEMENTS: If your works has the potential to interfere with current pedestrian / traffic arrangements give details here on how routes can be managed.</p>	THIS WILL BE AN ONGOING THING ON SITE DEPENDING ON THE JOB ARRANGEMENT AND SHIFTINGS. HOWEVER NO WORK OR ACTIVITY WILL BE DONE TO BLOCK THE ROUTES FOR MOVEMENT ON SITE.
8.2	FIRE SAFETY ARRANGEMENTS:	In the event of a fire, or fire alarms sounding all personnel will make their way to the closest rendezvous point by the safest route as detailed during site induction.



8.3	RESPONSIBILITY FOR TASK LIGHTING: Consideration should be given to site hours; this may immediately highlight the need for artificial lighting if work starts before first light or continues after dusk. Additionally the requirement for general site lighting and specific task Lighting would be inserted here	
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9.0 9.1	TO WHOM THE INFORMATION / WILL BE COMMUNICATED AND HOW? All site personnel will be briefed on the constraints when working in close proximity to historic building fabric.	<ul style="list-style-type: none"> • All personnel involved in the works must brief prior to works commencing. • If non-English speaking personnel are used there must be at least one person in the group who can translate on their behalf.
9.2	CONFIRMATION OF OPERATIVES BRIEFING:	THIS WILL BE DONE THROUGH TOOL BOX TALK AND SITE BRIEFINGS.

10.0	PERSON RESPONSIBLE FOR MONITORING SAFE SYSTEM OF WORK AND ENSURING COMPLIANCE: Show here who the contracts manager, site manager, foreman/supervisor is, what each will be responsible for, and their contact numbers.	
10.1	REVIEW DATE / SCHEDULE:	IF JOB PROCESSES CHANGES
10.2	AMENDMENTS AUTHORISED BY:	
10.3	AMENDMENTS COMMUNICATED TO:	ALL PERSON'S.



The following people have been instructed in the contents of the below Risk / COSHH Assessment or Method Statement and agree to comply with its requirements.

Activity: : _____

[illegible]



Risk Assessment	
Project: I	Document Ref No:
Assessor:	Date: Review Date:

Activity	Potential Hazards	Persons at Risk				Risk Rating			Existing Level of Risk	Control Measures Specified	Residual Level of Risk
		E	S/C	V	P	L	S	R			
Shifting the materials by means of mechanical handling equipment	Injury to the operatives damage to equipment	X	X	X		2	3	6		Mechanical equipment should be good condition. Only competent operator should be operating mechanical equipment. Safe working distance should be maintained with people working near the area .Travel routes should be clear and have clear access & egress Working area to be barricaded.	M
Use of hydraulic trolleys	Injuries to the operative, damage to materials.	X	X	X		2	2	4		Hydraulic trolleys should not be overloaded Operator should be trained in use of the trolleys property Hydraulic trolleys with leakage should not be used Stabilize the materials on the trolley before being transported if possible tie it up	M

Persons at Risk:	Risk Rating:	Likelihood Rating:	Severity Rating:	Level of Risk:
E = operative	L = Likelihood	4 Likely	4 Fatal	10-16 High
S/C = Sub-Contractor	S = Severity	3 Probable	3 Major injury	6-9 Medium
V= Visitor	R = Risk	2 Possible	2 Minor injury	1-5 Low
P = Member of the public	(Severity x likelihood)	1 Improbable	1 No injury	
Risk Assessment				



Project:	Document Ref No:
Assessor:	Date: Review Date:

Activity	Potential Hazards	Persons at Risk				Risk Rating			Existing Level of Risk	Control Measures Specified	Residual Level of Risk
		E	S/C	V	P	L	S	R			
Works on scaffolds	Fall of person from height Fall of materials from height Injury to passer by	X	X	X		4	2	8		Proper work platform and access to be ensured before start the activity. Positive edge protection should be available Only trained and certified people should erect the scaffold and should be tagged by the competent scaffold inspector Toe boards available when materials are stored used at height Personal fall arresting system should be used The area to be barricaded and caution signs to be placed if third party movement is present	M
Mechanical hazards (contact, impact, entanglement, trap due to threading machine & grooving machine.	Injury to body parts	X	X	X		2	3	8		Guards are to provide for all rotating parts of equipment. The supply wires are to be placed safely to prevent trip hazards. Machine should not be left running un attended Suitable drip trays should be used for containment of any oil from the machine.	M

Persons at Risk:	Risk Rating:	Likelihood Rating:	Severity Rating:	Level of Risk:
E = operative	L = Likelihood	4 Likely	4 Fatal	10-16 High
S/C = Sub-Contractor	S = Severity	3 Probable	3 Major injury	6-9 Medium
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Risk Assessment	
Project:	Document Ref No:
Assessor:	Date: Review Date:

Activity	Potential Hazards	Persons at Risk				Risk Rating			Existing Level of Risk	Control Measures Specified	Residual Level of Risk
		E	S/C	V	P	L	S	R			
Electrical equipment	Electrocution , sparks / fire	X	X	X		2	2	6		All the temporary electric connection to be made from ELCB protected distribution boards Portable electric tools to be defect free and double insulated All the electrical equipment will be inspected by competent electrician on a regular basis and will be tagged Electrical equipment will be used of 110 volts and any higher voltage equipment will have client approved dispensation Industrial plugs socket to be used to make the electric connections.	M
Manual handling	Fall tools from height	X	X	X		2	2	4		Proper manual handling techniques should be followed. Requirements of mechanical handling equipment to be decided If manual handling needed the weight of the load acting on individuals should be restricted below 32 kg /person.	L

Persons at Risk:	Risk Rating:	Likelihood Rating:	Severity Rating:	Level of Risk:
E = operative	L = Likelihood	4 Likely	4 Fatal	10-16 High
S/C = Sub-Contractor	S = Severity	3 Probable	3 Major injury	6-9 Medium
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P = Member of the public	(Severity x likelihood)	1 Improbable	1 No injury	



Risk Assessment	
Project:	Document Ref No:
Assessor:	Date: Review Date:

Activity	Potential Hazards	Persons at Risk				Risk Rating			Existing Level of Risk	Control Measures Specified	Residual Level of Risk
		E	S/C	V	P	L	S	R			
Hand tools	Fall tools from height	X	X	X		3	2	5		Toe boards to be available on the work platform to prevent tools from height. Hand tools to be tied and secured while working Proper tools and equipment s should be used necessary PPE must be ensured before the work begins	L
Scattered materials in the work area.	Injuries to body parts due to slip trip and falls	X	X	X		2	2	3		Safe means of access and egress must be planned and arranged before start of work Proper housekeeping must be ensured where the operation carried out.	L
Installation pipes & Ducting Preparation of Materials & Tools	Tripping and slipping materials while lifting and shifting. physical injuries such as cuts laceration fractures ,Falling hazards physical injuries Electrical Shock and burns.	X	X	X		3	2	6		Provision & usage of proper personal protective equipment such as safety shoes, helmet and hand gloves. Stock the material properly do not obstruct the passage way. Mechanical equipment should be in good condition. Conduct safety toolbox talk meeting before start the work. Only 110v power tools should be used.	M

Persons at Risk:	Risk Rating:	Likelihood Rating:	Severity Rating:	Level of Risk:
E = operative	L = Likelihood	4 Likely	4 Fatal	10-16 High
S/C = Sub-Contractor	S = Severity	3 Probable	3 Major injury	6-9 Medium
V= Visitor	R = Risk	2 Possible	2 Minor injury	1-5 Low
P = Member of the public	(Severity x likelihood)	1 Improbable	1 No injury	



Risk Assessment	
Project:	Document Ref No:
Assessor:	Date: Review Date:

Activity	Potential Hazards	Persons at Risk				Risk Rating			Existing Level of Risk	Control Measures Specified	Residual Level of Risk
		E	S/C	V	P	L	S	R			
Mark the location for installing piping system	Falling men, materials and tools from height	X	X	X		2	2	4		Only competent person supervise the erection, alteration and dismantling the scaffolding. The scaffold must be in sound condition & capable of distributing the working load. The working platform must have railing system, provide proper access Wear proper personal protective equipment such as helmet, safety boot, hand gloves, safety goggles, and full body safety harness. Provide proper supervision of the work. Provide safe using tag on the scaffolding.	L
Pressure Testing.	Body injuries, by blasting of pipes and joints.	X	X	X		2	3	9		Visual check must be done on the fittings for any defects before pressurizing No alteration / repair to be done on the pressure system before depressurizing the system Barricade the working area with suitable and sufficient signage	M

Persons at Risk:	Risk Rating:	Likelihood Rating:	Severity Rating:	Level of Risk:
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Risk Assessment											
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Activity	Potential Hazards	Persons at Risk				Risk Rating			Existing Level of Risk	Control Measures Specified	Residual Level of Risk
		E	S/C	V	P	L	S	R			
House keeping	Construction worksite hazards. Slips, trips and operational injuries..	X	X	X						<p>Tool box talk to be conducted by the concerned supervisor to the pressure testing crew</p> <p>Concurrent activities should not be carried out when and where the operation is being carried out. qualified and experienced personnel to carry out continuous monitoring for the area under consideration In case of leakage it will be rectified immediately after depressurizing After completing the pressure testing the system will be depressurized and drained</p> <p>All access shall be clear and free from debris. All work area to be kept free from debris or any obstacles. Scrap generated at site shall be removed regularly.</p> <p>Use proper personal protective equipment Hazards materials should be stored separately inside the chemical cabinets adequate ventilation should be provided. All the safety precaution should be followed by the MSDS. All access shall be clear and free from debris. All work area to be kept free from debris or any obstacles. Scrap generated at site shall be removed regularly.</p>	

Persons at Risk:		Risk Rating:		Likelihood Rating:		Severity Rating:		Level of Risk:	
E =	operative	L =	Likelihood	4	Likely	4	Fatal	10-16	High
S/C =	Sub-Contractor	S =	Severity	3	Probable	3	Major injury	6-9	Medium
V =	Visitor	R =	Risk	2	Possible	2	Minor injury	1-5	Low
P =	Member of the public	(Severity x likelihood)		1	Improbable	1	No injury		

Company Policies

- Code of Ethics and Conducts



كروان للأعمال الكهربائية والميكانيكية CARAWAN ELECTRICAL & MECHANICAL WORKS

CODE OF ETHICS AND CONDUCT

1. The work environment.

Employees should act with integrity, comply with laws, maintain a professional work environment and comply with company policies. They should treat customers, colleagues, and partners ethically at all times.

2. Conflicts of interest.

A company's reputation depends on the actions and integrity of its employees. It is essential that they avoid relationships and activities that hurt, or appears to hurt, their ability to make objective and fair decisions.

3. Protecting company assets.

Employees should always act to protect company assets, including physical, intellectual, and electronic or digital properties.

4. Anti-bribery and corruption.

A company's integrity is essential for maintaining trustworthiness and reputation. Employees should always do their work fairly, honestly, and legally.

5. Attendance and punctuality.

Employees are expected to be regular and punctual in attendance. This means being in the office, ready to work, at starting time each day. Absenteeism and tardiness burdens other employees and the company.

6. Absence without notice.

Employees who are unable to work due to illness or an accident should notify their supervisor. This allows the company to arrange for coverage of their duties, and helps others continue to work in their absence. If an employee does report for work and the company is not notified of an employee's status for 3 days, it is typically considered a job abandonment.

7. General harassment and sexual harassment.

This company is committed to providing a work environment free of discrimination and unlawful harassment. Actions, words, jokes, or comments based on an individual's sex, race, ethnicity, age, religion, or any other legally protected characteristic are not tolerated.



8. Cell phone use at work.

Personal cell phone usage during work hours is discouraged, except in extreme cases such as an emergency.

9. Dress code.

A professional appearance is important when employees work with with customers or potential customers. Employees should be well groomed and dressed appropriately for the business and for their position.

10. Substance abuse.

The manufacture, distribution, possession, sale, or purchase of controlled substances of abuse on company property is prohibited. Being under the influence of illegal drugs, alcohol, or substances of abuse on company property is prohibited. Working while under the influence of prescription drugs that impair performance is prohibited.

11 Internet use at work.

Employees may use the Internet when appropriate to access information needed to conduct business company business. Use of the Internet must not disrupt or injure the company computer network. Use of the Internet must not interfere with an employee's productivity.

Company Policies

- Safety Policy

HEALTH & SAFETY MANUAL



كروان للأعمال الكهربائية والميكانيكية
CARAWAN ELECTRICAL & MECHANICAL WORKS

**THIS HEALTH & SAFETY PLAN IS TO BE
ADHERED TO, HOWEVER THE COMPANY
ACKNOWLEDGES HEALTH & SAFETY POLICIES
AND WILL WORK TO THESE POLICIES AS
APPROPRIATE.**

HEALTH & SAFETY MANUAL

SECTION 1 HEALTH & SAFETY POLICY

INTRODUCTION

The purpose of the HEALTH & SAFETY Manual and Site HEALTH & SAFETY Method Statement is to provide a comprehensive guide to the Health and Safety Procedures and obligations of Personnel within the various locations under the control of CARAWAN Electrical & Mechanical Works.

These procedures and statements do not replace any existing health and Safety legislation or existing Company rules or procedures but complements and highlights the correct safe activity by act of omission both in geographical and occupational area to maintain an acceptable standard of compliance.

The section is classified to cover as many areas and HEALTH & SAFETY subjects as possible. Each section gives summary of any related legislation and references to more detailed sources, if necessary.

The sections and working procedures referred to this manual must be strictly adhered to. Any request or consideration of non-compliance due to economic or impracticability can only be considered if sanction is given by the HEALTH & SAFETY officer (CARAWAN Electrical & Mechanical Works) who will decide and control procedures. However, at all times adequate precautions and resources will ensure the health and safety of all personnel.

It is responsibility of all persons who are involved with any activity on the Company premises and site to be aware of the related sections of this manual and comply with them at all times.

DEFINITIONS

The Company – Shall mean CARAWAN Electrical & Mechanical Works, which includes the fabrication of industrial system

HEALTH & SAFETY OFFICER – Normally an Engineer / Supervisor nominated by the Company to be responsible for the implementation and verification of the HEALTH & SAFETY of the Safety Method Statement relevant to this area or site activity.

NOMINATED PERSON – A competent person over 18 years of age who has sufficient technical knowledge to avoid danger.

AUTHORIZED PERSON – A nominated person adequately trained and / or experienced.

CLIENT – Any company for whom their appointed representative is involved with CARAWAN Electrical & Mechanical Works for undertake work.

HEALTH & SAFETY WORK

GENERAL

The company recognizes and accepts the inception and will conform in all respects to all or any National or Locals acts Government State Regulation, By Laws, Codes of Practice or HEALTH & SAFETY Regulations and will enforce Safe and Healthy working conditions.

The Company's aim is to prevent foreseeable accident and dangerous occurrences that might put at risk the Health, Safety and Welfare of all personnel including the general public and others not employed by us.

HEALTH & SAFETY MANUAL

SECTION 2 ADMINISTRATION / RESPONSIBILITIES

1. INDIVIDUAL'S RESPONSIBILITIES

HEALTH & SAFETY practice is part of the way that we do and organize our work. Everyone in the Company is responsible for taking reasonable care for health, safety and welfare at work of himself and others, and for co-operating with the Company in the following its HEALTH & SAFETY requirements.

The particular responsibilities described below illustrate how the functions of different departments come together to ensure the reliable achievement of high HEALTH & SAFETY standards.

2. GENERAL MANAGER

The General Manager is responsible for ensuring that the Company recognizes all the health, safety and welfare requirements involved in the work it undertakes, and that a satisfactory system exists and is observed for ensuring that all members of the Company know and do what is required. He ensures that the Board receives and discusses reports on HEALTH & SAFETY performance.

3. PROJECT MANAGERS

The Project Manager provides the link between the company and its work sites. The exact allocation of responsibility between these persons in any branch is at the discretion of the Regional Managers whose duty is to see that the Company's HEALTH & SAFETY commitments and statutory obligations are satisfactorily discharged.

The Project Manager (Nominated) is / are responsible for:

Becoming acquainted, before work start, with:

Any health, welfare factors particular to the client or site, (e.g.)

- a.) Special hazards on the site (such as hazardous chemical processed or irradiated areas.)
- b.) Relationship with client HEALTH & SAFETY organization and any special client or site HEALTH & SAFETY regulation.
- c.) Providing a workplace that is safe. With access, egress, and scaffolding, where necessary, confirming to statutory requirements with routine procedures for maintaining a safe working environment for the duration of the contract.
- d.) Amenity facilities for employees.
- e.) Details of the specification, and hence of any HEALTH & SAFETY points arising from it, (e.g.) in connection with materials calling for precaution or protection.
- f.) Details of equipment to be used and HEALTH & SAFETY points arising in connection with such.

Ensuring throughout the contract that:

- a.) All necessary amenity facilities are provided.
- b.) All necessary HEALTH & SAFETY warnings and instructions are issued.
- c.) All necessary HEALTH & SAFETY equipments are available.
- d.) Client requirements are met and proper relationship with customer HEALTH & SAFETY organization maintained.
- e.) Records are maintained to verify HEALTH & SAFETY actions.
- f.) For ensuring that the Company's work on site, or in any separate part of it, is at all times on the hands of foreman, or a man capable of acting as foreman, or competent person, who understands the HEALTH & SAFETY requirements and is capable of securing their observation.

4. HEALTH & SAFETY OFFICERS (NOMINATED)

HEALTHY & SAFETY officers are responsible to the Project Manager or Regional / Branch Managers

- a.) For discussing any points raised by client HEALTH & SAFETY advisors or visiting enforcing / Fire officer and for advising the Project Manager or HEALTH & SAFETY Manager of any important point or points not dealt with to the satisfaction of those concerned.
- b.) For maintaining all necessary HEALTH & SAFETY Manager records and reporting to the Project Manager or HEALTH & SAFETY Manager any HEALTH & SAFETY problems not capable of settlement within the Supervisor's authority, including matters of importance raised at HEALTH & SAFETY
- c.) Reporting to the Project Manager and / or HEALTHY & SAFETY Manager on HEALTH & SAFETY problems arising from the Client causing and cheating.
- d.) To ensure that all reports required by State or by the Company are properly completed and returned and to maintain the required records.
- e.) To ensure that any improvement or prohibition noticed is promptly and correctly dealt with and that the Company HEALTH & SAFETY Manager is immediately informed.
- f.) Reporting to the Branch Manager and / or Project Manager on the HEALTH & SAFETY competence of individuals where relevant and of individuals recommended for particular HEALTH & SAFETY training.

5. HEADQUARTERS AND REGIONAL OFFICERS

In each Branch there will be a nominated HEALTH & SAFETY Officer who had special training, with responsibility for ensuring on behalf of the Regional Manager that all necessary HEALTH & SAFETY information is available to, and understood by, the officer and workshop personnel, and for giving such assistance as may be required by the Regional Manager, Project Manager or Supervisors. His general responsibilities are:

- a.) To ensure that he has available complete and up-to-date information concerning the statutory HEALTH & SAFETY requirements and the company HEALTH & SAFETY policy applying to the work locations.
- b.) To communicate this information to all requiring it and to recommend instruction or training to secure satisfactory understanding of HEALTH & SAFETY matters.

6. HOLDERS OF MANUALS

General Manager

Regional Manager

Project Manager

HEALTH & SAFETY MANUAL

SECTION 3 INSPECTION / AUDITS OF WORKS PLACES.

1. SCOPE

This Procedure describes how CARAWAN Electrical & Mechanical Works HEALTH & SAFETY Officer inspect areas of work activity in order to provide constructive evidence for discussion during tool box talks or evidence to senior management of inadequacies so that corrective action can be taken.

2. WORKPLACE INSPECTIONS

HEALTH & SAFETY method statements relevant to the workplace and the unsafe acts and conditions checklist will be used as a Term of Reference for conducting workplace inspections, additional inspections may be necessary in the event of a dangerous occurrence or near miss.

3. HEALTH & SAFETY AUDITS

When HEALTH & SAFETY audits are conducted by the HEALTH & SAFETY Manager or visiting HEALTH & SAFETY Officer a HEALTH SAFETY report will be compiled to cover the venue, topics and any actions that may be required.

SITE HEALTH & SAFETY MANUAL

DATE:

VENUE:

TOPIC:

ACTION:

ACTIVITY:

RESPONSIBILITIES:

IMPLEMENTATION:

UNSAFE ACTS &

CONDITIONS AUDITS:

TOOL BOX TALKS:

FIRST AID:

TRAINING:

HEALTH & SAFETY

MANAGEMENT VISITS:

SITE HEALTH & SAFETY METHOD STATEMENT

SECTION 4 HEALTH & SAFETY MEETING

1. PROJECT HANDOVER MEETINGS

An important part of HEALTH & SAFETY management planning is during the project handover meeting, the personnel responsible for carrying out HEALTH & SAFETY procedures will be nominated. The nominated personnel will review the HEALTH & SAFETY Method Statement against potential hazards and with the assistance of the HEALTH & SAFETY Manager review the HEALTH & SAFETY method statement applicable to the project.

2. PRE-START MEETINGS

When pre-start meetings are called by the Client, the Site HEALTH & SAFETY Officer (and the HEALTH & SAFETY Manager when required) will present the HEALTH & SAFETY Method Statement and explain how this will be implemented and / or managed in regards to the controls.

3. HEALTH & SAFETY SEMINAR

When site supervisor has been nominated, supervisors will be given a seminar during the initial project period to show leadership in HEALTH & SAFETY in these key positions and reinforce their responsibilities for HEALTH & SAFETY and the operative they supervise.

4. TOOLBOX TALK MEETINGS

Toolbox talks compromise of a 10-15 minute session to be held on regular basis. Toolbox talks are mandatory and are conducted by the Front Line Supervisor to CARAWAN Electrical & Mechanical Works and sub-contract operatives. Topics for toolbox talks are provided by the HEALTH & SAFETY officer.

Complete records of toolbox talks, including the names of the operatives attending will be maintained by the Site HEALTH & SAFETY Officer and made available to Main Contractor. This system ensures that all operatives on site do get regular HEALTH & SAFETY instructions. That part of the value of the toolbox talks is to obtain feedback from the workforce about the potential HEALTH & SAFETY hazards faced during their activities. These comments should be recorded on the toolbox talk attendance sheet and the matter investigated and auctioned before the next meeting.

5. MAIN CONTRACTOR'S HEALTH & SAFETY MEETING

When HEALTH & SAFETY meeting are called by Main Contractor the HEALTH & SAFETY Officer and / or Project Manager must be available to attend. This also applied to CARAWAN Electrical & Mechanical Works sub-contract HEALTH & SAFETY representative, when applicable.

ADVICE TO SUPERVISORS

Study your HEALTH & SAFETY Policy that lays down the organization and arrangement for the Health & safety of persons in your case.

- 1.) As a supervisor you are link between Senior Management and operative and you have a direct responsibility for ensuring that the company's HEALTH & SAFETY policy is implemented by yourself and personnel under your control.
- 2.) When giving instructions of access to his workplace:
 - a.) There is safe means of access to this workplace.
 - b.) The workplace is safe.
 - c.) There is a safe system of work.
 - d.) Any plant and equipment required to do the work is safe and suitable.
 - e.) The operatives have received adequate information, testing and / or instructions to Carry out the work.
- 3.) As protective clothing or equipment is needed by the operative, unsure that it is available, issued and used correctly.
- 4.) In nearly all accidents unsafe conditions and / or unsafe acts play a prominent part.

UNSAFE CONDITIONS INCLUDE

- Equipment improperly guarded
- Defective Equipment
- Unsafe clothing, footwear, eye protection
- Improper ventilation
- Improper storage of Liquefied Petroleum Gases (LPG)
- Defective Electrical Installation

- Improper Shoring
- Environmental Conditions

UNSAFE ACTS INCLUDE

- Operating Plant and equipment without authority
 - Operating at unsafe speed
 - Making HEALTH & SAFETY devices inoperative
 - Using unsafe equipment or equipment unsafely
 - Loading or placing unsafely
 - Being in an unsafe position
 - Working on moving or dangerous equipment
 - Horseplay
 - Not using personal protection
 - You have a responsibility to ALL personnel, including your sub-contractors, to ensure that
 - they recognize and avoid any unsafe acts and conditions.
- 5.) Dangerous occurrence, whether reported to you or not, must be immediately investigated and remedial action taken where necessary.
- 6.) Every injury, no matter how slight it may appear, should be immediately reported to you. Ensure that prompt first aid treatment is given by the person nominated to administer the first aid and that an entry is made in the Accident Book.

INDEX

TOOLBOX TALKS AGENDA

NO. 1	--	SITE RULES
NO. 2	--	HEALTH & SAFETY POLICY
NO. 3	--	HOUSEKEEPING / PERSONNEL HEALTH
NO. 4	--	PROTECTIVE EQUIPMENT
NO. 5	--	FIRE PRECAUTIONS / EMERGENCY
NO. 6	--	WORKING SAFELY WITH ELECTRICITY
NO. 7	--	PORTABLE ELECTRICAL TOOLS
NO. 8	--	HAND TOOLS
NO. 9	--	WELDING HEALTH & SAFETY
NO. 10	--	LADDERS
NO. 11	--	TOWER SCAFFOLDS
NO. 12	--	TUBULAR SCAFFOLDINGS
NO. 13	--	HOLES & EDGES
NO. 14	--	SAFE STACKING
NO. 15	--	ALCOHOL
NO. 16	--	WORK ON ROOFS
NO. 17	--	COMPRESSED GAS CYLINDERS
NO. 18	--	MECHANICAL PLANT
NO. 19	--	SLINGERS
NO. 20	--	SLINGS AND CHAINS
NO. 21	--	SHACKLES, HOOKS AND EYE BOLTS

NOTE:

THOSE CHOSEN FOR THIS PROJECT SHOULD BE LISTED IN ORDER OF PRIORITY ON ATTENDANCE SHEET.

SITE HEALTH & SAFETY METHOD STATEMENT

HEALTH & SAFETY TRAINING

1. PROJECT MANEGER

A nominated person with experience and competence to ensure throughout the contract that all those working on it possess and show recognition of the necessary HEALTH &SAFETY knowledge.

2. PROJECT ENGINEER

A nominated person with experience and competence to recognize and access any hazardous material brought onto site and fulfills any requires monitoring in regards to restrictions or permits to work.

3. HEALTH & SAFETY OFFERS

A nominated person with experience and competence to communicate with Main Contractor's HEALTH & SAFETY advisors and ensuring on behalf of the HEALTH & SAFETY Manager that all necessary HEALTH & SAFETY information and statutory notices are available. He will also be competent to carry out site HEALTH & SAFETY.

4. OPERATIVE TRAINING

Operative training will be discussed at pre-start meeting with the Main Contractor's, to ensure that high risk operations and activities are adequately covered.

SITE HEALTH & SAFETY METHOD STATEMENT

HEALTH & SAFETY MANUAL ADDENDUM

All personnel on joining the project will be required to attend the HEALTH & SAFETY INDUCTION MEETING, where they will be informed of the various aspects of the HEALTH & SAFETY manual which are pertinent to this project.

All passes, personal protective clothing and equipment will be issued at this induction meeting, where they will be informed of the various aspects of the HEALTH & SAFETY manual which are pertinent to this project.

All passes, personal protective clothing and equipment will be issued at this induction meeting.

During the course of this meeting, the following topics will be discussed and the use of written and illustrated instructions will be presented. A site plan will also be available to assist in locating various relevant positions, muster points.

- HEALTH & SAFETY Manual
- Personal Protective Equipment
- First Aid Facilities and Location
- Fire Protection and Evacuation
- Accident Prevention / Reporting
- Scaffolding / Ladders
- Permit to Work
- Working in the Desert
- Hazards on Site

SITE HEALTH & SAFETY METHOD STATEMENT

HEALTH & SAFETY TRAINING

1. HEALTH & SAFETY MANUAL

Personal will be instructed in relevant parts of the company's HEALTH & SAFETY Manual and the Chain of Communication will be explained.

2. PERSONAL PROTECTIVE EQUIPMENT

Personal will be required to dress suitably at all times of work, which will include the wearing of protective clothing as necessary:

HEALTH & SAFETY HELMET	--	(Compulsory)
HEALTH & SAFETY FOOT	--	(Compulsory)
ADEQUATE PROTECTIVE CLOTHING	--	(Compulsory)
EYE PROTECTIVE CLOTHING	--	(Where Appropriate)
EAR DEFENDERS	--	(Where Appropriate)
FACE MASKS	--	(Where Appropriate)

3. FIRST AID FACILITIES AND LOCATION

With the aid of the site plan, personnel will be instructed in location of First Aid Center.

All injuries must be reported and treated at the First Aid Center.

All accident / injury reports should be accompanied by sketches or photographs as appropriate

Minor accidents shall be reported to the immediate supervisor in charge, who will turn the report to the HEALTH & SAFETY Officer.

Serious accident or dangerous accident will be investigated by ECC and witness may be called as required.

4. FIRE PROTECTION AND EVACUATION

A no smoking policy will be enforced whilst working on the work areas, and locations of areas where smoking are permitted to be indicated on the site plan.

Instructions in fire extinguisher and hose reels operation will be discussed.

Extreme care to be observed when any welding or burning tasks are being carried out, and a fire extinguisher dry powder type, to be available when these tasks are being carried out

Evacuation Muster points to be indicated on site plan. Personnel will be made aware of that hearing the siren, everyone to report to their muster point.

5. ACCIDENT PREVENTION / REPORTING

Personnel will be informed of ways to prevent accidents, and to be more aware of the environment that they are working in.

All accident no matters how trivial must be reported and all steps be taken to minimize repetition events.

6. TOOLS

Personnel will be instructed to ensure that all tool, whether hand, or machine operated are in good repair, guarded as necessary and appropriate for the task being undertaken.

7. SCAFFOLDING / LADDERS

Personnel will be instructed that for any work being undertaken at high level scaffolding or ladders must be used.

Scaffolding must never be adapted to suit personnel preference without prior permission of scaffolding supervisor.

Ladders must be of adequate length, unbroken, secured and at a safe angle.

For additional HEALTH & SAFETY, SAFETY Belts will be available.

8. PERMIT OF WORK

On any task where there is a specified risk, (e.g.) welding, burning working on MV or HV connections, confined spaces, etc. a permit to work must be raised by the Supervisor from his Engineer.

Permit to work must be displayed in a prominent location on work place.

9. HOUSEKEEPING

"A clean site is a safe site". This is a policy which will be strictly adhered and ALL personnel will be enforced to keep his place of work a tidy, clean area.

Should there be areas of concern regarding HOUSEKEEPING work may be stopped by the Engineers until all debris and refuse materials are removed.

10. WORKING IN DESERT

Personnel will be informed of the high temperature which may occur on site and to utilize the chilled water available at various location site.

Shaded, sheltered areas to be utilized for meal and rest periods.

11. HAZARD ON SITE

Personnel will be instructed to be aware of all excavation, and any existing services, which may be buried on site, or overhead (power lines) and electricity.

Hazardous materials paints, solvents, gasses (bottled) are stored on site and to be aware.

Plant and transport can be moving faster than they think beware.

To supplement the above subjects, literature both written and illustrated will be distributed throughout the meeting and posted at various locations on site including stores, workshops, and canteen.

ATTENDANCE SHEET TO BE COMPLETED FOR
ALL TOOL BOX TALKS

S.NO	NAME (PRINT)	DATE ATTENDED	SIGNATURE	COMMENTS
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				

I have given the above Talk No. _____ Title. _____
To all of the men under my control.

Signed. _____ Supervisor. _____

Print Name. _____ Date. _____

WHEN COMPLETED RETURN THIS FORM TO CARAWAN ELECTRICAL &
MECHANICAL WORKS FOR HEALTH & SAFETY OFFICER

NOTE: On this space *any points that arisen which you think should be brought to the attention of
Senior Management and complete the attendance list above and extra sheet.

Assets & Equipments

ASSETS & EQUIPMENTS

OFFICE & ACCOMODATIONS



- ▶ DUBAI OFFICE/WAREHOUSE (HEAD OFFICE)
- ▶ OFFICE (SHARJAH BRANCH)
- ▶ DUBAI – 58 ROOMS LABOUR ACCOMODATION

EQUIPMENTS LIST



- ▶ GAUGE MANIFOLDS
- ▶ MEGGAR
- ▶ EARTH CONTINUITY TESTER
- ▶ ANEMOMETER/VOLT METER
- ▶ TACHOMETER
- ▶ MULTIMETER
- ▶ AIR FLOW METER
- ▶ WATER BALANCING METER
- ▶ THREADING MACHINE
- ▶ PPR WELDING MACHINE
- ▶ WELDING MACHINE

VEHICLE LIST



- | | | |
|--------------------|--------------|--------------------------|
| ▶ MERCEDES BENZ | TYPE: CAR | – PRIVATE / BUSINESS USE |
| ▶ MERCEDES BENZ | TYPE : CAR | – PRIVATE / BUSINESS USE |
| ▶ NISSAN TIIDA | TYPE : CAR | – PRIVATE / BUSINESS USE |
| ▶ TOYOTA HI LUX | TYPE: PICKUP | – PICKUP USE |
| ▶ TOYOTA HI LUX | TYPE: PICKUP | – PICKUP USE |
| ▶ TOYOTA HI LUX | TYPE:PICKUP | – PICKUP USE |
| ▶ MISTUBISHI CANTA | TYPE:PICKUP | – PICKUP USE |
| ▶ TOYOTA COASTER | TYPE:BUS | – SERVICE USE |
| ▶ TOYOTA COASTER | TYPE:BUS | – SERVICE USE |
| ▶ ASHOOK LEYLAND | TYPE:BUS | – SERVICE USE |
| ▶ ASHOOK LEYLAND | TYPE:BUS | – SERVICE USE |

Design

DESIGN

We **M/s.Carawan Electrical And Mechanical Works** capable to do the design in house by our Engineers for the following services:

HVAC :

- ▶ Heat Load Calculation
- ▶ Fresh And Exhaust Air Calculation
- ▶ Car Park Exhaust And Make-up Air Calculation
- ▶ Smoke and Make Up Air Calculation
- ▶ Staircase And Lift Pressurization Fans Calculation
- ▶ Fans ESP Calculation



PLUMBING & DRAINAGE :

- ▶ Booster Pump Water Flow Rate And Head Calculation
- ▶ Transfer Pump Water Flow Rate And Head Calculation
- ▶ Sump Pump Water Flow Rate And Head Calculation
- ▶ Water Demand Calculation And Tanks Capacities
- ▶ Fire Fighting – By Specialist
- ▶ LPG System – By Specialist

ELECTRICAL :

- ▶ Cable Sizes
- ▶ Circuits, Breakers capacities
- ▶ Cable Tray Sizes
- ▶ Low Current System – By Specialist
- ▶ Fire Alarm And Emergency System– By Specialist
- ▶ Lighting And Protection System – By Specialist



IT

Internal & External System

IT – IN HOUSE & EXTERNAL SYSTEM

We are developing IT helpdesk in House with the right background and continuous training in which is specialized and have knowledge in our company's particular IT set up and systems.

Our team is using the following System/ Software built on various platforms including:

- ▶ Design And Drawing
 - ▶ Accounting
 - ▶ Purchase/Logistics
 - ▶ Project Related
 - ▶ Emails
 - ▶ Vehicles
 - ▶ Security
 - ▶ Attendance
- Autocad /Revit
 - Al Ameen
 - PACT
 - MS Office, Adobe Photoshop, PDF Nitro PRO.
 - Outlook
 - GPS System
 - CCTV System
 - Time Attendance System(biometrics)



Project Quality Plan



CARAWAN ELECTRICAL AND MECHANICAL WORKS L LC

Department

QUALITY ASSURANCE AND CONTROL

Doc: CRWN/EL-ML/QC/12

Title

PROJECT QUALITY PLAN

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PROJECT QUALITY PLAN

REVISION HISTORY

0	Original Issue	04.08.12
Rev.	Revision information	Date



	CARAWAN ELECTRICAL AND MECHANICAL WORKS L LC	
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1.0 OBJECTIVE

- 1.1 The objective of this Project Quality Plan is to define and design the Quality Assurance and Quality Control requirements and to ensure that all Quality related activities are planned adequately and implemented to cover all parameters specified for the Contract as per applicable Codes and Construction Industry Standards.
- 1.2 Carawan Electrical & Mechanical Works L.L.C shall ensure that the activities involved in Procurement and construction activities are specified, managed and implemented under controlled conditions to ensure the quality, reliability, value and integrity of the Contract.....is assured and the sellers (i.e. vendors, suppliers, fabricators and subcontractors) have in place a Quality Assurance and Control Program that meets applicable requirements of this Project Quality Plan including conformance to the applicable requirements of the Project Technical Specification.

2.0 SCOPE

- 2.1 The Project Quality Plan describes a system of procedures and activities encompassing documentation, procurement, construction, installation testing and commissioning as applicable to the technical requirement of the .

3.0 REFERENCE DOCUMENTS

3.1 CONTRACT DOCUMENT

3.2 PROJECT SPECIFICATIONS

3.3 INTERNATIONAL STANDARDS


- a. Quality System Standards ISO –9001-2000

3.4 APPLICABLE NATIONAL & INTERNATIONAL CODES & REGULATIONS

3.5 CONTRACTOR'S DOCUMENTS

- a. Project Quality Manual
- b. Quality System Procedures
- c. Site Work Procedures
- d. Inspection and Test Plan

Project Quality Plan shall confirm to the requirement of the Contract Project Technical Specifications.

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4.0 MANAGEMENT RESPONSIBILITY

4.1 QUALITY POLICY

- 4.1.1 The Quality Policy is to deliver products and services to Client in conformance with contract requirements on time and free of defects. Carawan has developed a Project Quality Plan in accordance with Client's quality requirements for the Contract.
- 4.1.2 The contents of the Project Quality Plan are binding on all Carawan staff and all the subcontractors in carrying out their duties.

5.0 ORGANIZATION

5.1 RESPONSIBILITIES AND AUTHORITY

- 5.2 The functional responsibilities of various authorities are shown in the Project Organization Chart, and explained throughout the text of this section. Activities related to Quality, responsibilities and authority of personnel performing these activities should be identified and documented.


5.3 EXECUTIVE MANAGER

- 5.3.1 The Executive Manager has overall responsibility and authority to direct and coordinate the activities of Carawan Projects team and maintain direct liaison with Client.
- 5.3.2 The Executive Manager's responsibility and authority shall include as a minimum:
- Management of all aspects of the Project from Contract award to final acceptance by Client.
 - Directing the activities of Procurement and Construction.
 - Division of assignments and specific responsibilities of other members of the Project Team.
 - The Executive Manager is the final authority in all matters related to Procurement and Construction of the facilities.

5.4 PROJECT MANAGER


- 5.4.1 The Project Manager has the responsibility for the following:

- Ensuring that the Project Quality Plans interface satisfactorily with the requirements of the Contract.
- Coordination with Client as Contractor's delegated representative.

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- c) Implementation of the Project Quality Plan of the project.
- d) Delegation of authority to other members of the project management team as appropriate to their functions.
- e) Participating in the formal review of the Project quality System on a regular basis.
- f) Responsible for all site activities, and mobilization plan. Participates in the development of site construction schedules.
- g) Responsible for review of subcontract agreements.
- h) Responsible for the budget and cost control of all construction related activities. He is also responsible for the site administration, including personnel, logistics, warehousing, communications, accounting etc.,
- i) Responsible for coordination with site and head office for all site and construction needs.
- j) Responsible for reviewing design drawings, shop drawings and engineering instructions to ensure all Engineering Documents are approved and cleared, in order to release for Construction.
- k) Responsible for all the construction activities at site. He is to ensure that construction is completed in accordance with the Drawings, Specification, Project Quality Plan and meets contractual requirements.
- l) Coordinates with Client /consultant and their representatives in order to solve day-to-day problems at construction site.
- m) Has overall responsibility on the construction site in matters related to construction including material, equipment assembly and performance of employee.
- n) Responsible for the implementation of Project Quality Plans and Safety plan at construction site.
- o) Participates in the staff meetings at site to review progress, problems and future activities.
- p) Participates in Quality meetings related to project site activities.
- q) Responsible for testing, commissioning and final approval of work.

5.4.2 The Project Manager reporting to The Executive Manager.

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5.5 QUALITY ASSURANCE & CONTROL ENGINEER

- 5.5.1 Responsible for administering the Quality Program of the Project at the construction site. He is vested with the authority required to ensure Client satisfaction. His interventions and decision can be overruled only by QA Manager.
- 5.5.2 Responsible for preparation of project specific quality manuals, ITPs procedures, and method statements.
- 5.5.3 Responsible for recognition of Quality Problems. He will report to QA Manager and to Project Manager for any breach of the Quality System. He is also responsible for taking initiative to solve recognized problems and for verifying implementation of corrective actions at the construction site.
- 5.5.4 Responsible for reviewing calibration records, to ensure that all the measuring and test equipment used for Quality inspection are calibrated in accordance with standard procedure.
- 5.5.5 Coordinates with the Client's representative to witness all the operations specified by Client in the Inspection and Test Plan, and obtain approval on the test reports.
- 5.5.6 Responsible for the final inspection of the product/assembly to ensure compliance with Project Quality Plan. Final Inspection shall be carried out jointly with engineers responsible for each discipline.
- 5.5.7 Responsible for reviewing final inspection documentation with the Client's Representative. He is also responsible for final release of the product. This release may be subject to approval by Client.
- 5.5.8 Participates in construction meetings and Quality meetings at construction site.
- 5.5.9 QC Engineer will report to Project Manager.

5.6 COMMERCIAL MANAGER (CQS)

The Commercial Manager performs the following tasks:


- 5.6.1 Reviews the procurement documents prepared and the activities performed by the procurement staff to assure the quality requirements of the applicable procedures and the Project Quality Plan are adhered to.

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- 5.6.2 Monitors the Project Schedule to ensure that Procurement activities confirm to the Schedule.
- 5.6.3 Identifies problem areas within the schedule and discuss with Project Manager, for resolving these problems.
- 5.6.4 Assists and coordinates the resolution of difficult purchasing, expediting, inspection, and traffic/shipment problem.
- 5.6.5 Interfaces with Engineering disciplines and attends engineering review meetings, when required, to ensure that requisitions for major equipment are obtained promptly and that technical question raised by vendors are answered promptly and completely.
- 5.6.6 Coordinates with Planning Department towards preparation and issuance of a monthly Materials Procurement Status Report covering equipment and materials. This report shall include the scheduled, forecast and actual dates of accomplishing each referenced task and shall include the anticipated requisitions for material and equipment as well as the currently issued requisitions for material and equipment.
- 5.6.7 Expedites preparation of the commercial and technical comparison of bids and provides recommendations.
- 5.6.8 Coordinates procurement activities performed by subcontractors with respect to the requirements of the Procurement Plan.
- 5.6.9 Approval of inspection Assignment Packages
- 5.6.10 The Commercial Manager reports to The Project Manager.

5.7 PROJECT ENGINEER / SITE ENGINEER

- 5.7.1 Responsible for the construction activities in his own discipline.
- 5.7.2 Responsible to organize, supervise and perform all the construction activities according to the approved methodology and construction practice.
- 5.7.3 Co-operate with QA/QC personnel to perform QA/QC checks to verify the construction activities are according to the project requirements.
- 5.7.4 Co-ordinate with site QA/QC personnel for inspections prior to client's inspection and approval.
- 5.7.5 Should attend to all QA/QC inspection remarks immediately and obtain approval/clearance at the earliest.

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- 5.7.6 Should plan, prepare and submit Fortnightly Look ahead Schedule of site activities that require client's QA/QC check / surveillance and obtain approval.
- 5.7.7 Participate in staff meeting at site to review progress and programs to complete the project activities as per schedule.
- 5.7.8 The Project Engineers/Site engineers report to Construction Manager.

6.0 RESOURCES


- 6.1 The Project Quality Plan has been established in accordance with the requirements under the Technical Specification for the contract and Carawan's Quality System. The duties and authorities of the Quality Assurance personnel are outlined in their job description and the department will be staffed to ensure that the Quality Assurance and control duties are carried out as described in this Project Quality Plan.

6.2 QC ENGINEERS/SUPERVISORS

- 6.2.1 The QC Engineers have the responsibility for the preparation and implementation of the Project Quality Plan for construction.
- 6.2.2 They have the authority and organizational freedom to:
- Initiate action to prevent the occurrence of non-conformity;
 - Identify and record any quality problem;
 - Initiate, recommend or provide solutions through designated channels;
 - Verify the implementation of solution,
 - Control further processing, delivery or installation of nonconforming products or assembly until the deficiency or unsatisfactory condition has been corrected to the mutual satisfaction of Client and Carawan.
- 6.2.3 Any problem regarding quality shall be referred to Project Manager for resolution and the resolution shall be in accordance with the Project Quality Plan, Contract requirements and latest applicable Codes and Standards

7.0 QUALITY SYSTEM PROCEDURE


- 7.1 Quality System Procedure shall be prepared in accordance with the project quality requirement. The following items shall be considered in preparations of quality procedure.
- Objective
 - Scope
 - References

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- d) Responsibilities
- e) Sequence of Activities
- f) Written or flow charts to develop quality procedure.
- g) Records


7.2 Following are the list of Quality System Procedure:

Sl. no.	Procedure Ref..	Revision	Description
1	QMS.QSP.01	1	Contract review
2	QMS.QSP.02	1	Design Control Program
3	QMS.QSP.03	1	Document Control
4	QMS.QSP.04	1	Procurement Procedure
5	QMS.QSP.05	1	Evaluation of Vendors
6	QMS.QSP.06	1	Procurement Coordination
7	QMS.QSP.07	1	Identification and Traceability
8	QMS.QSP.08	1	Inspection and test plan
9	QMS.QSP.09	1	Inspection and test Plan for Civil works
10	QMS.QSP.10	1	Calibration of Measuring and Test Equipment
11	QMS.QSP.11	1	Process Control
12	QMS.QSP.12	1	Control of Subcontractors
13	QMS.QSP.13	1	Control of Nonconformance
14	QMS.QSP.14	1	Corrective and Preventive action
15	QMS.QSP.15	1	Receipt, Storage and Handling of incoming materials
16	QMS.QSP.16	1	Control of Quality Records
17	QMS.QSP.17	1	Quality System Audits

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7.3 LIST OF SITE WORK PROCEDURES – CIVIL WORKS

Sl no.	SWP no.	Description
1	SWP.CS.01	Surveying and setting out
2	SWP.CS.02	Preparation, general fill and compaction
3	SWP.CS.03	Form work for concrete
4	SWP.CS.04	Steel Reinforcement for concrete works
5	SWP.CS.05	Concreting works
6	SWP.CS.06	Protection work to substructure works
7	SWP.CS.07	Concrete blockworks
8	SWP.CS.08	Floor screed work
9	SWP.CS.09	Fabrication and installation of wooden doors
10	SWP.CS.10	Carpet flooring
11	SWP.CS.11	Plastering works
12	SWP.CS.12	Floor tiling Works
13	SWP.CS.13	Wall tiling works
14	SWP.CS.14	Earthwork excavation, backfilling and compaction
15	SWP.CS.15	Dry wall partition works
16	SWP.CS.16	Building Painting Works
17	SWP.CS.17	Blockwork cavity wall
18	SWP.CS.18	Iron Mongery
19	SWP.CS.19	Roof water proofing
20	SWP.CS.20	Suspended Ceiling
21	SWP.CS.21	Asphalt Road Works

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7.4 LIST OF INSPECTION & TEST PLANS - CIVIL WORKS

Sl no.	ITP no.	Description
1	ITP.CS.01	Surveying and setting out
2	ITP.CS.02	Preparation, general fill and compaction
3	ITP.CS.03	Form work for concrete
4	ITP.CS.04	Steel Reinforcement for concrete works
5	ITP.CS.05	Concreting works
6	ITP.CS.06	Protection work to substructure works
7	ITP.CS.07	Concrete block works
8	ITP.CS.08	Floor screed work
9	ITP.CS.09	Fabrication and installation of wooden doors
10	ITP.CS.10	Carpet flooring
11	ITP.CS.11	Plastering works
12	ITP.CS.12	Floor tiling Works
13	ITP.CS.13	Wall tiling works
14	ITP.CS.14	Earthwork excavation, backfilling and compaction
15	ITP.CS.15	Dry wall partition works
16	ITP.CS.16	Building Painting Works
17	ITP.CS.17	Block work cavity wall
18	ITP.CS.18	Iron Mongery
19	ITP.CS.19	Roof water proofing
20	ITP.CS.20	Suspended Ceiling
21	ITP.CS.21	Asphalt Road Works

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8.0 QUALITY AUDITS

- 8.1 Auditing of the Quality Assurance System shall be performed on regular basis. Internal auditing shall cover the operation of Head Office in Dubai,UAE and the operations of construction sites. Quality Audits shall be conducted in accordance with a defined schedule. Second party audits shall be conducted on all its subcontractors.
- 8.2 Auditing shall be conducted in accordance with project requirements which shall cover the following items:
 - a) Purpose and scope
 - b) Responsibility for conducting and reporting the audit
 - c) Schedule of the audit
 - d) Applicable standards
 - e) Activities to be audited
- 8.3 The system audit shall be aimed at a continuous improvement of the Quality Assurance system. The reference base is the Corporate Quality Plan, Project Quality Plan and the applicable standards.
- 8.4 Quality Audit shall be carried out in accordance with established schedule and audit findings shall be reported to the Project Manager and Corporate QA Manager and will be discussed with Senior Management in Management Review Meeting. The schedule and frequency shall be adjusted if (i) the results of previous audit indicate a need to perform them more frequently, (ii) Significant changes are made in the Project Quality Plan, (iii) Reliability and /or performance of an item is questionable due to non-conformance and (iv) Verification of corrective action implementation.
- 8.5 Personnel conducting the Quality surveillance/ auditing shall be independent of those having direct responsibility for the specific activities or areas being evaluated or assessed.

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9.0 CONTROL OF NON-CONFORMITIES:

- 9.1 Any non-conforming product/material/equipment shall be identified and segregated to prevent further processing, delivery or installations until the deficiency or unsatisfactory conditions has been corrected. Procedures shall include closed loop control for dispositions of non-conformity materials for corrective action, for waiver of specification and/or contract requirements when appropriate.
- 9.2 A Log of Non-conformance's shall be maintained by the QC Engineer Inspection status of all received items shall be clearly shown. Tags for identification shall be used, and a hold area shall be designated to prevent unauthorized use or mixing with the conforming items.
- 9.3 Non-conformance conditions shall be documented and reported to subcontractors and suppliers for correction and to appropriate level of contractor's management by means of non-conformance reports (NCR).
- 9.4 Bi-weekly site QA/QC reports shall be prepared and reviewed about non-compliance
- 9.5 Non-conformance reports shall have a unique identification and as a minimum shall include the following information.
 - a) Identification of supplier/ contractor
 - b) Identification of materials/ equipment
 - c) Type of activity
 - d) Description of the cause of the problem.
 - e) Proposed corrective action.
 - f) Time required for corrective action to be completed.
- 9.6 All NCR's shall be followed up and closed out to assure that the appropriate corrective action has been taken. A summary of NCR's including approved resolutions and closing shall be forwarded to QA Manager.
- 9.7 Carawan Electrical & Mechanical Works shall not use any repaired item or product unless approved by Client.


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10.0 CORRECTIVE ACTION

- 10.1 Carawan Electrical & Mechanical Works shall establish a system for investigation of non-conformance or potential non-conformance, and based on this shall formulate a corrective action that prevents recurrence of the problem.
- 10.2 Corrective action shall be performed in accordance with a written procedure , which includes the following items:
 - a) Investigation of the cause of non-conformance;
 - b) Preventive action;
 - c) Effectiveness of the solution;
 - d) Applicable records.
- 10.3 Records of Corrective action shall be maintained by Project QC Engineer and shall be analyzed by the Quality Assurance Manager and discuss at periodic management review meetings. A summary of Corrective Action Repot and resolution shall be forwarded to QA Manager.
- 10.4 Follow up action shall be taken to verify implementation of corrective action.

11.0 DOCUMENT CONTROL

- 11.1 The creation, distribution, monitoring, revision control and disposition of all formal documentation to include drawings and records are carried out in controlled manner by authorized personnel.
- 11.2 The QA/QC program includes procedure for control of project documentation, including that of subcontractors and suppliers.
- 11.3 Documentation control includes identification, retrievability, filing, indexing, archive requirements & final disposition at completion of works. Records shall be protected from destruction, deterioration, and against theft.
- 11.4 Regulatory and Owner requirements for permanent records shall be identified in accordance with the requirement of Project Technical Specification.
- 11.5 Retained records shall include drawings, specifications, procurement documents, calibration procedures and reports, nonconforming and corrective action reports, results of review, inspection, tests, audits, material analysis, monitoring of work performance and qualification of personnel.
- 11.6 Charts, reports and other engineering data including photographs, microfilms and radiographs shall be stored and filed in a controlled manner, processed to produce and agreed upon archival life become the property of the Client upon completion of the works.


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12.0 CONTROL OF SUBCONTRACTORS

- 12.1 Subcontractors shall be required to develop and submit Project Quality Plan for their scope of work for review and approval by Client. This shall meet all the requirements of Project Technical Specification.
- 12.2 Carawan Electrical & Mechanical Works shall conduct surveillance and formal audits of their subcontractors and suppliers as required to assure that subcontractors and suppliers activities conform to their approved QA Program and Quality Control Procedures. Quality Audits and Independent Third Party Audits shall be conducted in accordance with a defined schedule. Carawan's quality surveillance personnel shall to perform second party audits on all its subcontractors.
- 12.3 Carawan Electrical & Mechanical Works shall establish and maintain procedures for assuring the quality of work performed by their field subcontractors. The procedures shall incorporate the requirements defined in the project specifications, with special emphasis on the qualification of subcontractors, welders, inspectors and testing personnel.
- 12.4 Audits shall be performed in accordance with pre-established written or procedures checklists and conducted by trained personnel not having direct responsibilities in the areas being audited.

13.0 PROCUREMENT

- 13.1 The Carawan Electrical & Mechanical Works shall procure materials and equipment in accordance with contract requirements. The Procurement Procedure will describe the sequence of actions that shall be followed in the preparation, review, approval and control of procurement documents, including the measures which assume that changes or revision to procurement documents are subject to the same review and approval requirements as the original documents.
- 13.2 All major equipment manufacturers shall be required to submit evidence of quality assurance program satisfactory to Client. All major material and equipment for the project shall be procured from Client approved sources.
- 13.3 Purchasing document shall contain data clearly describing the product ordered. Documents for procurement of materials, equipment or services, whether purchased by Carawan or its subcontractors shall include the following:
 - a) Applicable codes, standards and design specification requirements.

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- b) Listing of vendor's documents to be submitted to Carawan for review and approval including drawings, specification, installation, operating and maintenance instructions, inspection plans and inspection and test records.
- c) Listing and scheduling for inspections, services, witness points and hold points.
- d) Packaging, shipping and storage requirement and delivery date.
- e) All witness and hold points and special inspection specified in Purchase Orders shall be incorporated in Supplier's P.O to subcontractors and suppliers.
- f) Provision's for Client's and Carawan's right of access to supplier's facilities for inspection and audits.

13.4 Carawan Electrical & Mechanical Works Corporate QA Manager shall review all procurement documents prior to procurement processing.

13.5 All purchase orders to the approved manufactures/suppliers are not re-assigned or subcontracted to other manufactures/suppliers without Client 's written consent.

14.0 PROCESS CONTROL


14.1 Carawan Electrical & Mechanical Works shall identify installation, and construction, which affect Quality and shall ensure that these processes are carried out under controlled conditions.

14.2 The methods of verification of manufacturer's production shall be listed in the purchase order. Controlled conditions shall include the following:

- a) Documented work instructions
- b) Use and approval of processes and equipment
- c) Qualification of personnel
- d) Compliance with reference Standards / Codes
- e) Monitoring and control during production
- f) Criteria of workmanship

14.3 Carawan Electrical & Mechanical Works shall identify and plan installation processes that affect Quality and shall ensure that these processes are carried out under controlled conditions. All assemblies shall be in conformance to the approved design and Project Specifications.

14.4 Carawan Electrical & Mechanical Works shall identify special processes and shall ensure that these processes are carried out under controlled conditions. All special processes shall be reviewed / approved by client and shall also comply

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with the applicable Codes and Standards. Records shall be maintained for approved processes, equipment, and personnel.


- 14.5 Special process shall include welding, NDE, hydrostatic testing etc and shall be included in the Inspection & Test Plan. Welding procedures & NDE procedures shall be carried out by qualified personnel who are examined and certified by Independent Testing Agency/Laboratory.
- 14.6 Carawan Electrical & Mechanical Works shall develop & implement the use of inspection logbook for use by Carawan QC Engineers in recording their comments & observations as a result of their inspection. Carawan personnel responsible for rectifying any observed deficiency or non-conformance shall also write in the logbook stating the action taken to correct the deficiency. QC Engineer shall ensure that all unsatisfactory observations are cleared before proceeding to the succeeding stage.

15.0 INSPECTION AND TESTING AT WORK SITE

- 15.1 Carawan Electrical & Mechanical Works shall be responsible for inspecting and testing the project in its entirety and all component parts of the project, including those parts installed by subcontractors. Carawan shall provide all inspection and testing facilities to ensure conformance.
- 15.2 Client shall be entitled to have their representative present at all locations where contractor or subcontractors are engaged in the performance of the work, at any and all times, to review and inspect all aspects of their performance of the work and to perform or witness whatever tests are required under this contract or which Client otherwise considers necessary.
- 15.3 For any inspection or any test to be witnessed by Client's representative, Carawan shall advise Client's representative in writing of said inspection or tests sufficiently in advance to enable Client's representative to attend.

16.0 INSPECTION AND TESTING (Construction)

- 16.1 Carawan Electrical & Mechanical Works shall provide and document all Quality activities, in the fabrication/construction facilities. Fabrication/Construction shall be in accordance with contract document and Specifications related to the scope of work. Carawan subcontractors are required to meet the contract document and Specifications related to their scope of work.
- 16.2 Carawan Electrical & Mechanical Works shall document observed deficiencies on non-conformance reports and shall maintain a log on all non-conformance. Carawan shall be responsible for all required inspection and tests at the fabrication yards and at work sites.

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- 16.3 Carawan Electrical & Mechanical Woks shall use QA/QC personnel other than those performing or directly supervising the work. The QA/QC personnel shall not report directly to immediate supervisors responsible for producing the work being inspected. QA/QC personnel shall be kept free from the pressure of cost, schedule, and production, and shall be given the necessary authority and independence to perform their role effectively.

17.0 INDEPENDENT TESTING LABORATORY

- 17.1 Carawan Electrical & Mechanical Works shall contract client approved Independent Testing laboratory for material and field-testing services.
- 17.2 Carawan Electrical & Mechanical Works shall instruct the contracted independent testing laboratory to provide sufficient number of copies of the test results and reports to furnish to client. Test reports shall indicate the tested characteristics, test methods acceptance criteria and applicable standard.
- 17.3 Carawan Electrical & Mechanical Works shall ensure that contracted independent Testing Laboratory does not re-assign or sublet any portion of their contracted testing work.
- 17.4 Client's Representative shall be provided timely access to the Independent Testing Laboratory's facilities for witnessing of tests and verification of calibration status of testing equipment.
- 17.5 Employment of an Independent Testing Laboratory shall in no way relieve Carawan of any obligation set forth in the contract.

18.0 INDEPENDENT INSPECTION AGENCY

- 18.1 Carawan Electrical & Mechanical Works and its subcontractors shall contract Client approved Quality Assurance and Quality Control Services agency and provide documents of all quality assurance monitoring of all quality activities related to procurement and manufacturing of materials and equipment to be used in this project.
- 18.2 Carawan Electrical & Mechanical Works shall direct Quality Control Services agency to provide sufficient number of copies of material status, quality surveillance reports inspection and test reports immediately after the inspection.
- 18.3 The contracted Quality Assurance and Quality Control Services shall not re-assign or sublet the portion of their work.
- 18.4 Carawan Electrical & Mechanical Works shall instruct the Quality Assurance and Quality Control Services contractor to verify and check each material/equipment

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for conformance against the Project Scope of Work and Technical Specification and each clause of the applicable Client Material Standard Specification and report. The report shall include the following:

- a) Project title, Contract Number
- b) Complete description of the inspected material/equipment
- c) Report number and date
- d) Place and date of inspection, scope of inspection
- e) Documents used during inspection
- f) Manufacturer and plant location where the equipment was manufactured.
- g) Detailed description of the inspection and testing activities and their results, deviations to specification, manufacturer's explanation to the deviations, visual inspection result, packing and marking inspection result, conclusion and copy of the outline drawing of the inspected material/equipment. Witnessed tests and reviewed test data shall be clearly identified in the inspection reports.
- h) Name of the inspector.

18.5 Carawan Electrical & Mechanical Works shall furnish copies of the following document to the Quality Assurance and Quality Control Services Agency contracted to perform quality assurance and quality control monitoring of each material and requirement before surveillance.


- a) Copy of Purchase Order placed to the manufacturer/ supplier.
- b) Relevant section of Project Scope of Work and Technical Specification
- c) Applicable Company developed standard and specification
- d) Manufacturers Technical Specification and Client approved design drawings
- e) Client's approval of material/ equipment and applicable clarifications issued by the Client.
- f) Client's approved inspection and test plan/manufacturing quality control plan.

18.6 Employment of a Quality Assurance and Quality Control Services shall in no way relieve Carawan of any obligation set forth in the contract.

19.0 SPECIAL INSPECTION REQUIREMENTS FOR CRITICAL ACTIVITIES:

19.1 Certain critical equipment and or field activities shall be sufficiently important to warrant direct surveillance by Client personnel and or engineering specialists. An inspection coverage list for such equipment/activities shall be prepared got prior approval from client.

19.2 Surveillance by Client shall be performed on a preplanned basis, shall be early enough to ensure that adequate controls have been developed and implemented during initial activities. Subsequent and continuing surveillance may need to be

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adjusted with the schedule of fabrication and construction activities, complexity of installation and nature of deficiency encountered

20.0 QUALITY RECORDS

- 20.1 The result of the activities listed in the Project Quality Plan and in the Inspection and Test Plans shall be documented to ensure that the products confirm to specification and the prescribed activities have been carried out
- 20.2 Quality records provide necessary information for problems analysis and long-term improvement in product quality and quality assurance system. For the Project Quality Records, the following items as a minimum shall be considered.
- Storage and maintenance,
 - Identification and collection,
 - Indexing and filing and,
 - Retrieval and disposition.

20.3 The following is the list of Quality Records requiring control:

Sl. no.	Description
1	Drawings, Specifications and, Blueprints
2	Operation and Maintenance Manuals
3	Inspection Instructions and work Instructions
4	Test Procedures and Operational Procedures
5	Quality Manuals and System Procedures
6	Review Records
7	Internal Audit Records
8	Subcontractors Records
9	Process, Equipment and Personnel employed for Special Processes
10	Inspection Measuring and Test Equipment Calibration records
11	Training Records
12	Nonconformance and Corrective action Records
13	Vendor Inspection and Procurement Records
14	Field Inspection and Checklists and inspection reports
15	Inspection log book
16	Laboratory test reports
17	Approved submittals



21.0 ANNEXURE

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